

# Directory of Approved Internships and Residencies

1968-69

THE NATIONAL INTERN MATCHING PROGRAM FOR 1969  
ESSENTIALS OF AN APPROVED INTERNSHIP  
ESSENTIAL OF APPROVED RESIDENCIES  
REQUIREMENTS FOR CERTIFICATION BY AMERICA SPECIALTY BOARDS  
ANNUAL REPORT ON GRADUATE MEDICAL EDUCATION IN THE UNITED  
STATES

**DIRECTORY**  
**OF**  
**APPROVED INTERNSHIPS**  
**AND RESIDENCIES**

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**INCLUDES:**

**INFORMATION ON THE NATIONAL INTERN AND RESIDENT MATCHING PROGRAM FOR 1969**

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**ANNUAL REPORT ON GRADUATE MEDICAL EDUCATION IN THE UNITED STATES**

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# Directory of Approved Internships and Residencies

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The information published in this **DIRECTORY OF APPROVED INTERNSHIPS AND RESIDENCIES** as pp. 1-29 appears in the November 25, 1968 (Education Number) of *The Journal of the American Medical Association*, and will be listed under the appropriate Journal page numbers in the Index Number of JAMA dated

December 23-30, 1968.

The other material published in this Directory does not appear in the November 25, 1968, issue of JAMA but will be indexed in the December 23 issue of JAMA with the reference abbreviation of "Dir." The **DIRECTORY OF APPROVED INTERNSHIPS AND RESIDENCIES** can thus be bound as a part of the November 25 issue, along with the regular copies of JAMA that make up Volume 206.

For assistance in preparing material for publication, the Department of Graduate Medical Education is especially indebted to Miss Valeda Carbonneau, Miss Yolanda Dioguardi, Miss Rita Hammes, Miss Marilyn Krenek, and Miss Kathleen McCaffrey.

# Annual Report on Graduate Medical Education in the United States

This is the 42nd annual Report on Graduate Medical Education in the United States, consisting of an analysis of the distribution and performance of approved internship and residency programs for the academic year 1967-1968. Except where otherwise specified, the data reported here were obtained from hospitals as of September 1, 1967, and therefore the performance data are one year old when published. Most tables contain a column listing the projected positions to be offered for the academic year 1969-1970.

The Education Number of *The Journal*, for November 25, 1968, will also include the material in this Annual Report, plus the two following sections on Special Studies and Special Reports, Announcements, and Notices. The remainder of the *Directory of Approved Internships and Residencies* is too large to be included in *The Journal*, so the above three portions will actually be published twice.

The *Directory of Approved Internships and Residencies*, a complete manual of information pertaining to graduate medical education, includes a Consolidated List of Hospitals and other institutions approved for graduate training, a detailed list of approved internship programs, detailed lists of approved residency programs by specialty, the Essentials of an Approved Internship, the Essentials of Approved Residencies, the requirements of the American specialty boards, full details of the National Intern Matching Program (reorganized as the NIRMP—National Intern and Resident Matching Program), and an extract of the medical licensure requirements published in full in the State Board Number of *The Journal* for June 17, 1968.

The internship list of the *Directory* serves as the Directory of the National Intern Matching Program, and a special Preprint of the internship lists is being distributed to all fourth-year medical students. The complete *Directory* is also distributed to fourth-year students, as well as to third-year students, so that they may become familiar with the programs and policies pertaining to graduate medical education. Approximately 50,000 copies of the *Directory* are distributed to graduate program directors, as well as to all institutions, organizations, and agencies in the United States having need for it. Copies are sent to the United States Department of State for its Information Centers in many overseas locations, and to each of the recognized foreign medical schools listed in the *World Directory of Medical Schools*, published by the World Health Organization. It is intended that at least one copy of the *Directory* be available to each medical school library, in the United States and elsewhere throughout the world, to be bound with the library copies of *JAMA*. The Educational Council for Foreign Medical Graduates (ECFMG) performs a valuable service for the Council on Medical Education in distributing "tearsheets" of lists of the approved internships and residencies to interested foreign physicians upon inquiry. Copies of the *Directory*, as well as of the separate Essentials and Board requirements, are available on request.

Two additional sections follow immediately after the Annual Report. The first consists of Special Studies, indicating the distribution of the various internships on a basis of NIMP data, the existence of home-care programs, the presence of osteopaths on hospital attending staffs, the categorization of emergency room visits, and the distribution of interns and residents according to school of graduation. In addition to the standard tables of distribution of foreign graduates according to country of origin, a new table compares proportion of U.S. and Canadian graduates with foreign graduates on a basis of specialty board certification. The second section,

on Special Reports, Announcements, and Notices, relates to internships, specialty board policies, revisions in the Essentials, guides to residency programs, policies on family practice, residency appointment procedures, and policies on foreign graduates.

## Education Programs in Foreign Countries

The performance data in the *Directory of Approved Internships and Residencies* are limited to programs in the United States, Puerto Rico, and the Canal Zone. Information is not compiled on graduate training opportunities in other countries except for a list of junior rotating internships in Canada. These internships in Canada are approved by the Canadian Medical Association, and are listed in this Directory simply as a courtesy and a service to our Canadian neighbors. Their acceptability for purposes of licensure in the United States is determined individually by each of the state medical boards, and is tabulated in the annual State Board Number of *The Journal* for June 17, 1968.

## Statistical Reports

With further incorporation of data from the annual questionnaire into the data-processing resources of AMA Headquarters, the *Directory* for 1968-69 has been printed through computer programming. The enhanced computer capability should accordingly generate additional statistical data. Tabular material, comparable to that published in the past, appears in this Annual Report, although the columns in some tables have been rearranged to facilitate analysis.

## Internship Programs

The policy of the Council on Medical Education on approval of internship programs was published in detail in the *JAMA* on October 10, 1959, pp. 846-847. Final responsibility for approval of internship programs rests with the Council, but it is assisted in the review of individual programs by the Internship Review Committee. This Committee has representation from the Council, the Association of American Medical Colleges, the American Hospital Association, the Federation of State Medical Boards, and the field of general practice. The Committee meets at least three times annually and makes recommendations to the Council after review of the detailed reports of the Council field representatives who perform surveys of individual programs. Programs approved too late for inclusion in the *Directory* are listed in January of each year by the NIRMP in a supplement, distributed to each fourth-year medical student in the United States well in advance of the beginning of the operation of the matching program in March.

Table 1.—Number of Internships, 1958-1967

	Number of Hospitals	Number of Internship Positions Offered	Number of Internship Positions Filled	Percentage of Positions Filled
1958-1959 . . .	853	12,469	10,352	83
1959-1960 . . .	865	12,580	10,253	82
1960-1961 . . .	864	12,547	9,115	73
1961-1962 . . .	816	12,074	8,173	68
1962-1963 . . .	789	12,024	8,805	73
1963-1964 . . .	765	12,229	9,636	79
1964-1965 . . .	757	12,728	10,097	79
1965-1966 . . .	772	12,954	9,670	75
1966-1967 . . .	816	13,569	10,366	76
1967-1968 . . .	853	13,761	10,419	76

Table 1 shows the ten-year record on internship supply and demand. The number of hospitals last year was identical to the number offering internships ten years earlier, with a fluctuation downward approximately five years ago to a total

## GRADUATE MEDICAL EDUCATION

Table 2.—Number of Internships by Type of Service

Type of Internship	Affiliated Status	No. of Approved Programs	Number of Internships				Interns on Duty			Total Positions Offered 1969-1970
			Total Positions Offered Sept. 1, 1967	Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Positions Filled	Graduates U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage of Foreign Grads. in Filled Positions	
<b>ROTATING—</b>										
<b>NO MAJOR EMPHASIS</b>										
	Affiliated	209	2,640	2,110	530	79	1,691	419	20	2,230
	Non-Affiliated	354	3,289	2,239	1,050	68	949	1,290	58	2,842
	<b>Total</b>	<b>563</b>	<b>5,929</b>	<b>4,349</b>	<b>1,580</b>	<b>73</b>	<b>2,640</b>	<b>1,709</b>	<b>39</b>	<b>5,072</b>
<b>ROTATING—</b>										
<b>MAJOR EMPHASIS ON:</b>										
Internal Medicine	Affiliated	169	674	515	159	68	420	95	18	872
	Non-Affiliated	182	561	430	131	76	240	190	44	757
	<b>Total</b>	<b>351</b>	<b>1,235</b>	<b>945</b>	<b>290</b>	<b>72</b>	<b>660</b>	<b>285</b>	<b>30</b>	<b>1,629</b>
Surgery	Affiliated	167	876	672	204	76	511	161	24	968
	Non-Affiliated	221	981	744	237	75	394	350	47	1,150
	<b>Total</b>	<b>388</b>	<b>1,857</b>	<b>1,416</b>	<b>441</b>	<b>76</b>	<b>905</b>	<b>511</b>	<b>36</b>	<b>2,118</b>
Obstetrics and Gynecology	Affiliated	98	165	100	65	60	78	22	22	270
	Non-Affiliated	102	124	68	56	54	43	25	37	228
	<b>Total</b>	<b>200</b>	<b>289</b>	<b>168</b>	<b>121</b>	<b>58</b>	<b>121</b>	<b>47</b>	<b>28</b>	<b>498</b>
Pediatrics	Affiliated	101	194	141	53	72	118	23	16	247
	Non-Affiliated	92	89	52	37	58	27	25	48	173
	<b>Total</b>	<b>193</b>	<b>283</b>	<b>193</b>	<b>90</b>	<b>68</b>	<b>145</b>	<b>48</b>	<b>25</b>	<b>420</b>
Pathology	Affiliated	65	72	39	33	54	35	4	10	119
	Non-Affiliated	54	34	15	19	44	10	5	33	74
	<b>Total</b>	<b>119</b>	<b>106</b>	<b>54</b>	<b>52</b>	<b>50</b>	<b>45</b>	<b>9</b>	<b>17</b>	<b>193</b>
Psychiatry	Affiliated	46	64	45	19	70	42	3	7	108
	Non-Affiliated	27	24	13	11	54	8	5	38	47
	<b>Total</b>	<b>73</b>	<b>88</b>	<b>58</b>	<b>30</b>	<b>65</b>	<b>50</b>	<b>8</b>	<b>14</b>	<b>155</b>
Radiology	Affiliated	50	33	14	19	42	12	2	14	81
	Non-Affiliated	42	14	4	10	28	3	1	25	48
	<b>Total</b>	<b>92</b>	<b>47</b>	<b>18</b>	<b>29</b>	<b>38</b>	<b>15</b>	<b>3</b>	<b>17</b>	<b>129</b>
Anesthesiology	Affiliated	51	61	31	30	50	28	3	10	75
	Non-Affiliated	35	13	5	8	38	3	2	40	36
	<b>Total</b>	<b>86</b>	<b>74</b>	<b>36</b>	<b>38</b>	<b>48</b>	<b>31</b>	<b>5</b>	<b>14</b>	<b>111</b>
Total Rotating (Major Emphasis)	Affiliated	747	2,139	1,557	582	72	1,244	313	20	2,740
	Non-Affiliated	755	1,840	1,331	509	72	728	603	45	2,513
	<b>Total</b>	<b>1,502</b>	<b>3,979</b>	<b>2,888</b>	<b>1,091</b>	<b>72</b>	<b>1,972</b>	<b>916</b>	<b>32</b>	<b>5,253</b>
<b>STRAIGHT</b>										
Internal Medicine	Affiliated	173	1,542	1,409	133	91	1,351	58	4	1,818
	Non-Affiliated	54	238	192	46	80	154	38	20	301
	<b>Total</b>	<b>227</b>	<b>1,780</b>	<b>1,601</b>	<b>179</b>	<b>89</b>	<b>1,505</b>	<b>96</b>	<b>6</b>	<b>2,119</b>
Surgery	Affiliated	134	903	760	143	84	680	80	11	1,005
	Non-Affiliated	45	138	107	31	77	73	34	32	187
	<b>Total</b>	<b>179</b>	<b>1,041</b>	<b>867</b>	<b>174</b>	<b>83</b>	<b>753</b>	<b>114</b>	<b>13</b>	<b>1,192</b>
Pediatrics	Affiliated	121	606	489	117	80	449	40	8	714
	Non-Affiliated	19	44	32	12	72	27	5	16	62
	<b>Total</b>	<b>140</b>	<b>650</b>	<b>521</b>	<b>129</b>	<b>80</b>	<b>476</b>	<b>45</b>	<b>9</b>	<b>776</b>
Pathology	Affiliated	103	244	134	110	54	111	23	17	292
	Non-Affiliated	18	26	8	18	30	7	1	13	32
	<b>Total</b>	<b>121</b>	<b>270</b>	<b>142</b>	<b>128</b>	<b>52</b>	<b>118</b>	<b>24</b>	<b>17</b>	<b>324</b>
Obstetrics and Gynecology	Affiliated	15	30	12	18	40	8	4	33	41
	Non-Affiliated	5	7	3	4	42	3	.....	..	7
	<b>Total</b>	<b>20</b>	<b>37</b>	<b>15</b>	<b>22</b>	<b>40</b>	<b>11</b>	<b>4</b>	<b>27</b>	<b>48</b>
Total Straight	Affiliated	546	3,325	2,804	521	84	2,599	205	7	3,870
	Non-Affiliated	141	453	342	111	75	264	78	23	589
	<b>Total</b>	<b>687</b>	<b>3,778</b>	<b>3,146</b>	<b>632</b>	<b>83</b>	<b>2,863</b>	<b>263</b>	<b>9</b>	<b>4,459</b>
<b>FAMILY PRACTICE AND GENERAL PRACTICE PROGRAMS</b>										
	Affiliated	9	40	24	16	60	23	1	4	36
	Non-Affiliated	7	35	12	23	35	8	4	23	25
	<b>Total</b>	<b>16</b>	<b>75</b>	<b>36</b>	<b>39</b>	<b>48</b>	<b>31</b>	<b>5</b>	<b>14</b>	<b>61</b>
<b>GRAND TOTALS</b>	Affiliated	1,511	8,144	6,495	1,649	79	5,557	938	14	8,876
	Non-Affiliated	1,257	5,617	3,924	1,693	69	1,949	1,975	50	5,969
	<b>Total</b>	<b>2,768</b>	<b>13,761</b>	<b>10,419</b>	<b>3,342</b>	<b>76</b>	<b>7,506</b>	<b>2,913</b>	<b>28</b>	<b>14,845</b>

of 100 less. While the number of internship positions offered has fluctuated over the ten-year period to a low of 12,024 in 1962-1963, the present total of 13,761 is the highest ever offered, and a 14% increase in the previous five years. The 10,419 positions filled, only a very slight increase over the previous year, represents a 27% increase over the low point in positions filled six years earlier, at which time only 68% of the positions were filled, as contrasted to 76% for last year.

Table 2 indicates that 7,506 U.S. and Canadian graduates were serving as interns on September 1, 1967. Since there were 7,743 graduates of United States schools from July, 1966 to June 30, 1967, at least 137 U.S. graduates presumably were not serving in internships. The actual number is larger, however, as some internship positions were filled by Canadian graduates.

#### Internships by Type of Service

Table 2 repeats the format used the previous year, identifying internships according to type, medical school affiliation, and the number and percentage of positions filled for each group by foreign graduates.

These performance data apply to the second-year's experience after redefinition of the rotating internship with elimination of mixed internships as a separate entity. For the first year of operation under the new definition, there was an increase, by 65%, of an individually identified program over those so identified prior to the redefinition of internship. The total of 2,768 programs were identified last year, an increase of 390, or 2%, over the previous year. The 13,761 internship positions offered was an increase of only 1% over the previous year. The 563 rotating internship programs without major emphasis on any specialty showed a decrease of only five programs from the previous year. The second full year of experience with the newly-defined rotating internships with major emphasis resulted in addition of 291 more programs, for an increase of 24% over the previous number. There was an 18% increase in the number of straight internships offered, as compared to the previous year, but the proportion of straight internship programs to the rotating internship programs increased by only 1% over the previous year. Thus, while the total rotating internships comprised 75% of all programs, the new category of rotating with a major emphasis on one of eight specialties comprised three fourths, and the category of rotating without major emphasis comprised one fourth of all rotating internships.

Whereas two years ago the 10% increase in straight internships occurred exclusively in affiliated hospitals, for the past year straight internships in affiliated hospitals increased only by 16%, but in non-affiliated hospitals by 27% over the previous year.

Study of the distribution of interns in filled positions indicates that the largest number, 4,349, or 42%, were in the category of rotating without major emphasis; 28% filled positions in rotating internships with major emphasis in a specialty, and 30% occupied straight internships. The distribution of interns in these three categories according to affiliation of hospitals with medical schools indicated that, for the category of rotating without major emphasis, 51% of the interns were in non-affiliated hospitals; for the category rotating with major emphasis, 46% were in non-affiliated hospitals; and for the category of straight internships, the percentage in non-affiliated hospitals increased from 8% the previous year to 11% last year.

The total of 2,913 foreign graduates on duty, as of September 1, 1967, was an increase of 120, or 4%, over the previous year. This total of foreign graduates represented 28% of all internships filled, or a gain of 1% over the previous year.

Of the 10,419 interns on duty, 3,924, or 38%, were serving in non-affiliated hospitals. Of this number, the distribution between U.S. and Canadian graduates was almost identical with that of foreign graduates—1,944, compared with 1,975. While there is thus an approximately equal distribution in non-affiliated hospitals, the 1,949 U.S. and Canadian graduates are only 26% of all U.S. and Canadian graduates; and the 1,975 foreign graduates are 68% of all foreign graduates. Thus, hospitals affiliated with medical schools secured 74% of U.S. and Canadian graduates, but only 32% of the foreign graduates. The 938 foreign graduates serving in affiliated hospitals comprised only 14% of the total, as compared to the 50% representation in non-affiliated hospitals.

The two types of internships approved by the Council are (1) Rotating, which includes training for 12 to 24 months on two or more clinical services, of which one must consist of not less than four months on the internal medicine service; in a 12-month internship, the remaining time may be divided between the surgical, pediatric, and obstetrics-gynecology services, or a specific service may be identified for four to eight months of major emphasis and listed in the *Directory* with an appropriate footnote; (2) Straight, providing training on a single medical, surgical, pediatric, obstetric-gynecology, or pathology service in a hospital holding full approval for a residency program in that specialty.

For 1967-1968, the average number of internship positions available per hospital, was 16.1, and the average number of interns actually on duty was 12.2. Because the average number of programs per hospital was 3.2, the average number of positions available per program becomes 4.9, while the theoretical average number of interns on duty per program becomes 3.8.

The last column in Table 2 indicates that the 14,845 positions to be offered for 1969-1970 is greater by 1,084, or 8%, than the 13,761 positions offered as of September 1, 1967. This should be contrasted with the increase of 53, or 0.5%, of filled positions last year over the previous year.

#### Family Practice and General Practice Programs

Table 2 indicates that there were 16 such programs still in existence as of September 1, 1967. Only 36 of the positions were filled, and this was less than half of the available positions.

If satisfactory standards for family practice programs can be formulated and approved in the coming year, it is anticipated these existing pilot programs will either be discontinued or be reorganized and listed under more appropriate heading.

#### Two-Year Internships

In accord with the sentiment of the House of Delegates, the Council staff has continued to emphasize the possibility of establishing two-year internships in hospitals having fully approved one-year internships, particularly those interested

Table 3.—Types of Internship Programs Offered  
1958-1967

	Types of Programs								Totals
	Rotating—No Major Emphasis		Rotating with Emphasis on a Specialty*		Straight		Family and General Practice		
	Num- ber	Per- centage	Num- ber	Per- centage	Num- ber	Per- centage	Num- ber	Per- centage	
1958-59 . . . . .	822	75	38	3	239	22	..	..	1,099
1959-60 . . . . .	816	75	33	3	246	22	..	..	1,097
1960-61 . . . . .	817	70	69	6	276	24	5	..	1,167
1961-62 . . . . .	737	61	107	9	359	30	9	..	1,212
1962-63 . . . . .	697	56	133	11	391	32	14	1	1,235
1963-64 . . . . .	661	52	153	12	432	34	17	1	1,263
1964-65 . . . . .	658	50	189	14	467	35	14	1	1,328
1965-66 . . . . .	641	45	251	17	531	37	17	1	1,440
1966-67 . . . . .	568	24	1,211	51	582	24	17	5	2,378
1967-68 . . . . .	563	20	1,502	54	687	25	16	..	2,768

\*Listed in tables previous to 1966-67 as "mixed" internships.

Table 3 shows the ten-year trend in distribution of rotating and straight internships, plus very small numbers of pilot family and general practice programs.

## GRADUATE MEDICAL EDUCATION

Table 4.—Number of Internships. By Type of Hospital Control

Control	No. of Hospitals	No. of Approved Programs	Number of Internships				Number of Interns on Duty			Total Internship Positions Offered 1969-1970
			Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled	Grads., U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	
Combined Hospitals	40	164	1,078	862	216	80	796	66	8	1,245
Totals	40	164	1,078	862	216	80	796	66	8	1,245
<b>Federal</b>										
U. S. Air Force	6	36	110	98	12	89	98	0	..	110
U. S. Army	7	28	154	149	5	97	148	1	..	199
U. S. Navy	13	14	184	184	..	..	184	0	..	166
U. S. Public Health Service	7	16	128	124	4	97	123	1	..	130
Veterans Administration	24	17	92	74	18	80	72	2	3	135
Other Federal	2	2	28	20	8	71	19	1	5	28
Totals	59	113	696	649	47	93	644	5	..	768
<b>Governmental Non-Federal</b>										
State	39	203	1,120	901	219	80	874	27	3	1,209
County	44	173	1,417	1,211	206	85	1,055	156	13	1,461
City	44	137	847	581	266	69	385	196	34	872
City-County	7	13	189	152	37	80	139	13	9	174
Hospital District	5	13	69	57	12	83	57	0	..	73
Totals	139	539	3,642	2,902	740	80	2,510	392	14	3,789
<b>Non-Governmental Non-Profit</b>										
Church Related	227	756	2,881	1,853	1,028	64	993	860	46	3,126
Non-Profit Corporation	369	1,146	5,203	3,951	1,252	76	2,409	1,542	39	5,600
Totals	596	1,902	8,084	5,804	2,280	72	3,402	2,402	41	8,726
<b>Proprietary and Miscellaneous</b>										
Individual	..	..	..	..	..	..	..	..	..	..
Partnership	..	..	..	..	..	..	..	..	..	..
Corporation	1	1	..	..	..	..	..	..	..	14
Miscellaneous	18	49	261	202	59	77	154	48	24	303
Totals	19	50	261	202	59	77	154	48	24	317
Grand Totals	853	2,768	13,761	10,419	3,342	76	7,506	2,913	28	14,845

in preparing young physicians for general practice.

The 20 hospitals approved on this basis are identified in the list of approved internships by a special footnote indicating that the hospital may offer some appointments of longer than 12 months' duration. Thus, the hospitals are not bound to offer a specific number of two-year internships, nor to offer an additional 12-month appointment after the initial 12-month internship, if the trainee desires a shorter appointment. All hospitals approved in this manner are listed by the NIRMP as offering a 12-month rotating internship, as the NIRMP is not concerned with appointments beyond the initial 12-month period.

#### Internships by Type of Hospital Control

Table 4 includes the term "Combined Hospitals," first introduced the previous year because of the growing tendency of individual programs to utilize the resources of hospitals in more than one of the listed categories. The number of such hospitals has increased from 18 to 40, the number of programs from 68 to 164, and the number of positions offered has increased from 477 to 1,078. Thus, the comparative figures for the four described categories are not strictly comparable to previous years.

While the group of federal hospitals comprised 7% of the total, they offered 4% of the programs, with 5% of the available positions, and they obtained 6% of the available interns. Of the available U.S. and Canadian graduates, 9% were serving internships in federal hospitals. The Veterans Administration plays only a minor role in the federal intern programs, having only 11% of all the interns on duty in federal hospitals.

The largest group, of 596 non-governmental, non-profit hospitals, was 70% of the total, offered 69% of the approved programs, offered 59% of the positions and obtained 56% of the available interns. Of the positions vacant, this group of hospitals had 68% of the total. Of the available U.S. and Canadian graduates, 45% were in this group of hospitals, while 82 of the foreign graduates were so appointed. For-

eign graduates comprised 41% of the total of all interns on duty in this group of hospitals, with the church-related group having the highest proportion, 46%, of foreign graduates. This same group of church-related hospitals had the poorest recruitment record with only 64% of the total positions filled.

Study of the internship positions to be offered for 1969-1970 seems to indicate an inverse relationship between success of recruitment last year and positions to be offered a year hence. The group of governmental non-federal hospitals exceeded the average recruitment by filling 80% of the internships, but offer only 4% more for 1969-1970. On the other hand, non-profit corporation hospitals filled only 76% of positions, but offer 8% more; and the church-related group with only 64% of positions filled offer 9% more.

#### Internships by Medical School Affiliation and Bed Capacity

Table 5 confirms a continuing shift of hospitals into the category of those affiliated with medical schools. While non-affiliated hospitals comprised 51% of the total, there are 28 fewer hospitals involved. The 419 hospitals affiliated with medical schools comprised 49% of the total, and represented an increase of 65 over the previous year.

While the percentage of all filled positions was 76%, the same as for the year previous, only 70% of positions were filled in non-affiliated hospitals, while 80% of the affiliated hospital positions were filled.

The non-affiliated hospitals offered 45% of the programs, 41% of the positions available, obtained 38% of the interns, and had 51% of the vacancies. Although the distribution between U.S. and Canadian graduates, and foreign graduates was almost equal, these hospitals obtained only 26% of the U.S. and Canadian graduates available, but obtained 68% of the foreign graduates available. Thus, in approximate terms, the distribution of U.S. and Canadian graduates between affiliated and non-affiliated hospitals is about three to one, while the distribution of foreign medical graduates between affiliated and non-affiliated hospitals is about one to two.

Table 5.—Number of Internships. By Medical School Affiliation and Bed Capacity

Classification	No. of Hospitals	No. of Approved Programs	Number of Internships				Number of Interns on Duty			Total Internship Positions Offered 1969-1970
			Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled	Graduates U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	
<b>Non-Affiliated</b>										
Combined Hospitals.....	23	85	504	415	89	82	343	72	17	526
Less than 200 beds.....	37	70	286	189	97	66	37	152	80	289
200-299.....	110	267	1,031	683	348	66	180	503	74	1,151
300-499.....	195	587	2,355	1,532	823	65	581	951	62	2,490
500-over.....	69	248	1,441	1,105	336	77	308	297	27	1,513
Totals.....	434	1,257	5,617	3,924	1,693	70	1,849	1,975	50	5,969
<b>Affiliated</b>										
Combined Hospitals.....	49	153	958	751	207	78	702	49	7	1,126
Less than 200 beds.....	21	35	120	74	46	62	67	7	9	134
200-299.....	53	104	529	371	158	70	273	98	26	599
300-499.....	150	538	2,308	1,742	566	75	1,303	439	25	2,444
500-over.....	146	681	4,229	3,557	672	84	3,212	345	10	4,573
Totals.....	419	1,511	8,144	6,495	1,649	80	5,557	938	14	8,876
Grand Totals.....	853	2,768	13,761	10,419	3,342	76	7,506	2,913	28	14,845

The proportion of U.S. and Canadian graduates to foreign graduates in affiliated hospitals is approximately seven to one, while in non-affiliated hospitals it is one to one.

While the recruitment record of all hospitals listed as "combined," in both the affiliated and non-affiliated categories, was better than average, the record of the hospitals in both groups with over 500 beds was also better than average. The recruitment record of the hospitals with less than 200 beds was below average, especially in the affiliated group of hospitals. A total of 58 hospitals, or 7%, had less than 200 beds. This group offered 4% of the approved programs, 3% of the available positions, and obtained only 263, or 3%, of the available interns. They obtained only 1% of the available U.S. and Canadian graduates and only 5% of the available foreign graduates.

Again, differences related to size of the hospitals is clearly apparent. While the hospitals with over 500 beds had the best recruitment records, only 16% of the non-affiliated group were of this size, while 35% of the affiliated group were of this size. While 61% of the non-affiliated hospitals were larger than 300 beds, 71% of the affiliated hospitals were larger than 300 beds.

#### Internships by Census Region and State

Table 6 shows that, as in the past, the five states of Alaska, Idaho, Montana, Nevada, and Wyoming did not offer internship programs. While the over-all percentage of 76% filled was the same as for the previous year, each of the census regions' performance fluctuated by not more than 2%, except for the West North Central region, which showed a 5% loss, and the Mountain region, which showed a 5% gain. The increase of 17% in the performance of the Canal Zone and Puerto Rico was due largely to the reduction of positions offered in Puerto Rico.

The distribution of foreign graduates in the various census regions fluctuated between a decrease of 4% in the East South Central and West North Central areas, and a decrease of 6% in the Canal Zone and Puerto Rico, to an increase of 7% in the Mountain states, largely due to the gain in Arizona. The nine states in which no foreign graduates were appointed as of September 1, 1957, were Maine, Vermont, South Carolina, Alabama, Mississippi, South Dakota, Arkansas, New Mexico and the Canal Zone.

The total of 2,913 foreign graduates was the largest total to date serving as interns. As has been true for many years, the Middle Atlantic states of New Jersey, New York, and Pennsylvania with 1,322, or 46%, led all other census regions. This census region contained 45% of all the available foreign medical graduates in the United States. The four regions listed first in Table 6, consisting of New England, Middle

Atlantic, South Atlantic, and East North Central, contained a total of 2,675, or 92% of all the available foreign graduates.

New York state with 760 foreign graduates, or 26% of the total, led the individual states, as its foreign graduates comprised 43% of all interns in New York. The state with the highest percentage of foreign graduates serving as interns was again New Jersey, where the 309 foreign graduates comprised 84% of the total intern pool. Those states with 50% or more foreign graduates were: New Jersey, Connecticut, Rhode Island, and North Dakota. Five states, besides the Canal Zone, filled 100% of the available internships: Maine, New Hampshire, Vermont, South Dakota, and New Mexico; however, altogether these six areas represented only 92 internships. The area with the highest percentage of filled positions was the Pacific area, where each of the four states filled over 85%.

The census region averaging less than 60% of positions filled was West North Central. The ten states, besides Puerto Rico, filling 60% or less of available positions were South Carolina, West Virginia, Indiana, Mississippi, Kansas, Missouri, Nebraska, South Dakota, Arkansas, and Utah.

The total of 10,419 positions filled was the largest total ever reported, exceeding the previous year by 53 positions. The total of 2,913 foreign graduates was also a record, and was 92 more than the previous year.

The total of 14,845 positions to be offered for 1969-1970 represents an increase of 8% over those offered for 1967-1968.

#### National Intern and Resident Matching Program

In 1968, the NIMP was reorganized as the NIRMP, in order to prepare for such resident matching programs as are developed. There will be no alteration in the manner of matching intern programs, so the *Directory of Approved Internships and Residencies* continues to serve as the Directory for the National Intern Matching Program. This carries a full description of the operation of the program, copies of the hospital and student agreements, and the dates for operation of the Matching Program in 1969.

Matching Program XVII for 1968-1969, as concluded in March, 1968, offered 14,566 of the total of 14,608 internships listed in the 1967-68 *Directory* as available July 1, 1968. There were 8,306 participants, of which 8,007, or 96.4%, were matched and 299, or 3%, unmatched. The number of foreign medical graduates participating increased from 428 the previous year to 449 the past year, and of these 92% were matched.

There were 726 participating hospitals, and 70% received their first or second choice of interns. On the other hand, 80% of students received their first or second choice of hospitals.

## GRADUATE MEDICAL EDUCATION

Table 6.—Number of Internships, by Census Region and State

Census Region, Division, and State	No. of Hospitals	No. of Approved Programs	Number of Internships				Number of Interns on Duty			Total Internship Positions Offered 1969-1970
			Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled	Graduates, U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	
<b>NORTHEAST</b>										
<b>New England</b>										
Connecticut.....	22	54	295	219	76	74	106	113	52	305
Maine.....	1	1	12	12	..	100	12	0	..	12
Massachusetts.....	29	94	435	389	46	89	284	105	27	475
New Hampshire.....	1	3	19	19	..	100	17	2	11	24
Rhode Island.....	7	16	77	63	14	82	30	33	52	85
Vermont.....	1	4	14	14	..	100	14	0	..	38
Totals.....	61	172	852	716	136	84	463	253	35	939
<b>Middle Atlantic</b>										
New Jersey.....	42	123	531	366	165	69	57	309	84	577
New York.....	105	391	2,177	1,750	427	80	990	760	43	2,382
Pennsylvania.....	75	254	1,056	786	270	74	533	253	32	1,087
Totals.....	222	768	3,764	2,902	862	77	1,580	1,322	46	4,046
<b>NORTH CENTRAL</b>										
<b>East North Central</b>										
Illinois.....	42	157	859	701	158	82	369	332	47	977
Indiana.....	11	20	182	108	74	59	107	1	1	192
Michigan.....	37	131	590	388	202	66	244	144	37	622
Ohio.....	49	212	859	637	222	74	374	263	41	888
Wisconsin.....	14	46	234	158	76	68	110	48	30	234
Totals.....	153	566	2,724	1,992	732	73	1,204	788	40	2,913
<b>West North Central</b>										
Iowa.....	8	30	121	74	47	61	58	16	22	121
Kansas.....	5	28	78	44	34	56	35	9	20	110
Minnesota.....	18	37	244	163	81	67	151	12	7	290
Missouri.....	19	94	404	230	174	57	193	37	16	415
Nebraska.....	8	26	105	46	59	44	45	1	2	112
North Dakota.....	1	1	12	2	10	17	1	1	50	12
South Dakota.....	2	2	12	12	..	100	12	0	..	12
Totals.....	61	218	976	571	405	59	495	78	13	1,072
<b>SOUTH</b>										
<b>South Atlantic</b>										
Delaware.....	1	5	18	11	7	61	8	3	27	18
District of Columbia.....	24	59	278	224	54	81	163	61	27	279
Florida.....	20	59	343	244	99	71	176	68	28	340
Georgia.....	14	53	238	168	70	71	161	7	4	249
Maryland.....	21	76	374	306	68	82	181	125	41	389
North Carolina.....	10	39	216	153	63	71	142	11	7	221
South Carolina.....	6	18	88	42	46	48	42	0	..	106
Virginia.....	11	30	241	188	53	78	162	26	14	255
West Virginia.....	7	33	89	36	53	40	25	11	31	97
Totals.....	114	372	1,895	1,372	513	73	1,060	312	23	1,954
<b>East South Central</b>										
Alabama.....	8	32	124	89	35	72	89	0	..	132
Kentucky.....	9	33	140	98	42	70	89	9	9	145
Mississippi.....	3	16	53	32	21	60	32	0	..	57
Tennessee.....	12	56	253	191	62	75	187	4	2	286
Totals.....	32	137	570	410	160	72	397	13	3	620
<b>West South Central</b>										
Arkansas.....	3	13	60	31	29	52	31	0	..	67
Louisiana.....	11	40	239	186	53	78	182	4	2	239
Oklahoma.....	8	53	156	116	40	74	115	1	1	151
Texas.....	29	97	530	429	101	81	390	39	9	616
Totals.....	51	203	985	762	223	77	718	44	6	1,073
<b>WEST</b>										
<b>Mountain</b>										
Arizona.....	8	40	106	90	16	85	52	38	42	103
Colorado.....	12	24	201	161	40	80	154	7	4	216
New Mexico.....	1	5	19	19	..	100	19	0	..	32
Utah.....	7	12	60	28	32	47	27	1	4	64
Totals.....	28	81	388	298	88	77	252	48	15	415
<b>Pacific</b>										
California.....	59	167	1,192	1,051	141	88	1,017	34	3	1,302
Hawaii.....	5	11	76	69	7	91	59	10	14	78
Oregon.....	7	24	89	76	13	85	75	1	1	106
Washington.....	13	27	145	126	19	87	122	4	3	187
Totals.....	84	229	1,502	1,322	180	88	1,273	49	4	1,673
<b>POSSESSIONS</b>										
<b>Territories &amp; Possessions</b>										
Canal Zone.....	1	1	16	16	0	100	16	0	..	16
Puerto Rico.....	6	21	101	58	43	57	48	10	17	124
Totals.....	7	22	117	74	43	63	64	10	14	140
Non-Inpatient Institutions*.....	40	..	..	..	..	..	..	..	..	..
Grand Totals.....	853	2,768	13,761	10,419	3,342	76	7,508	2,913	28	14,845

\*In these cases, the approved program is in the name of an activity other than a hospital, although the facilities of one or more hospitals are used in the training of interns.

An AAMC Datagram, Vol. 9, No. 12, for June, 1968, gave further comparative data for the 11 years, 1958 through 1968. These data reveal the progressively more favorable position of the hospitals affiliated with medical schools, as compared to those having no such affiliations. Of the 191 hospitals having major medical school affiliations, 76% received over 50% of their interns through the NIRMP. Of the 458 hospitals having no medical school affiliation, only 23% obtained over 50% of their interns through the Matching Program. The Datagram reported that for the major teaching hospitals, the number of interns matched for 1968 was 11.2% higher than in 1958. This is simply the difference between the percentage of interns matched for 1958, as compared to 1968. On a basis of actual numbers of interns matched, the increase for 1968 was 44% over the numbers matched for 1958. This is accounted for by the fact that the number of hospitals having major medical school affiliations is 25% greater than in 1958. Similar comparison for the non-affiliated hospitals indicates that, while the mathematical difference shows that 9% less interns were matched, it was actually 14% less on a basis of the numbers matched, and this is reflected by the fact that the total number of hospitals without medical school affiliation declined by 24% in 1968, as compared to 1958.

**Internship Salaries**

The annual internship salaries published in Table 7 represent averages of the salaries reported in the *Directory* as being currently offered by each hospital to its interns. No attempt is made to calculate the value of board and room or other perquisites, and information is not sought as to extra curricular activities that produce additional income. These averages are, therefore, approximations, but they allow a comparison of the overall change annually.

In comparison with previous years, the average paid in the affiliated hospitals is drawing closer to that paid in the non-affiliated group. The overall average of \$4,956 is an increase of \$634 over the previous year and an increase of \$1,159 over the total two years before. Thus, the average of all salaries paid for the year 1967-1968 represents a 31% increase of the salaries paid for the year 1965-1966.

Table 7 lists the annual internship salaries for both hospitals affiliated with medical schools and those without such affiliation, but the data and percentages reported here apply only to 2,479 programs on which salary data were available. The average paid in non-affiliated hospitals increased by \$509, while in the affiliated hospitals the average was \$754 over the year before. Thus, the difference between average salaries in affiliated and non-affiliated hospitals is only \$137 yearly.

For all hospitals, 97% of the reported salaries were in the range of \$3,501-\$7,500, but 90% of the programs in affiliated hospitals paid between \$3,501 and \$6,500, while 94% of programs in the non-affiliated hospitals paid between \$4,001 and \$7,500. It will be noted that the model figure for annual salaries was the same in both groups of hospitals, but that the median figure for non-affiliated hospitals was one incre-

Table 7.—Annual Internship Salaries

Annual Salary Offered	Programs in Affiliated Hospitals	Programs in Non-Affiliated Hospitals	Total Programs
Data not available	142	135	277
Not Applicable	12	0	12
0- 500	0	0	0
501- 1,000	0	2	2
1,001- 1,500	0	0	0
1,501- 2,000	0	0	0
2,001- 2,500	0	0	0
2,501- 3,000	1	0	1
3,001- 3,500	1	0	1
3,501- 4,000	78	31	109
4,001- 4,500	212	101	313
4,501- 5,000	215	201	416
5,001- 5,500	261	246	507
5,501- 6,000	329	306	635
6,001- 6,500	124	35	159
6,501- 7,000	59	53	112
7,001- 7,500	42	115	157
7,501- 8,000	6	18	24
8,001- 8,500	28	12	40
8,501- 9,000	0	1	1
9,001- 9,500	0	0	0
9,501-10,000	1	1	2
Over 10,000	0	0	0
<b>Totals</b>	<b>1,511</b>	<b>1,257</b>	<b>2,768</b>
Mean — Annual Salary	\$4,893	\$5,030	\$4,956
Median—Annual Salary	\$5,501-6,000	\$6,001-6,500	\$6,001-6,500
Mode — Annual Salary	\$5,501-6,000	\$5,501-6,000	\$5,501-6,000

Table 8.—Activity of Residency Review Committees—July 1, 1967, to June 30, 1968

Specialty*	No. of Meetings Held	Programs Added to Approved List	Programs Granted Continued Approval	Programs Granted Increased or Decreased Approval	Programs on which Further Data were Required	Programs with Progress Reports for Review	Programs Placed or Continued on Probation	Programs on which Approval was Withdrawn	Programs on which Approval was Withheld	Total Programs Reviewed
Anesthesiology	2	9	32	20	17	9	8	5	—	100
Aerospace Medicine**	2	—	—	1	—	1	—	—	—	2
Colon & Rectal Surgery	1	1	2	—	—	—	—	—	—	3
Child Psychiatry**	2	4	25	3	4	14	2	5	2	59
Dermatology	1	2	22	7	1	5	1	1	—	39
General Practice	2	11	20	—	2	6	10	10	5	64
General Preventive Med.**	2	4	1	—	2	3	—	—	—	10
Internal Medicine	3	15	92	—	9	93	28	16	10	263
Neurological Surgery	2	1	22	—	5	5	1	—	3	37
Neurology**	2	3	23	5	—	10	—	1	—	42
Obstetrics-Gynecology	3	5	85	16	15	56	12	4	3	196
Occup. Med. (Academic)**	2	—	—	—	—	—	—	—	—	—
Occup. Med. (In-Plant)**	2	—	—	—	—	—	—	—	—	—
Ophthalmology	2	7	43	—	1	1	1	1	—	54
Orthopedic Surgery	2	7	84	4	28	27	9	4	4	167
Otolaryngology	2	6	25	—	10	16	7	6	2	72
Pediatric Allergy**	2	1	7	—	—	3	1	—	—	12
Pediatric Cardiology**	2	8	25	—	1	3	—	—	3	40
Pediatrics**	2	7	84	1	10	28	20	11	6	167
Physical Medicine and Rehabilitation	2	1	18	3	5	5	3	4	2	41
Plastic Surgery	2	7	14	2	5	11	2	1	—	42
Psychiatry**	2	8	68	5	7	27	12	2	1	130
Public Health**	2	2	—	1	2	3	1	—	—	9
Radiology	2	19	94	7	17	13	23	12	2	197
Surgery	3	6	122	19	13	43	24	1	3	231
Thoracic Surgery	2	2	16	8	11	3	1	—	1	42
Urology	2	3	43	—	6	36	6	9	—	103
<b>Totals*</b>	<b>37</b>	<b>139</b>	<b>967</b>	<b>102</b>	<b>171</b>	<b>421</b>	<b>172</b>	<b>93</b>	<b>47</b>	<b>2,122</b>

\*Residencies in Pathology are approved in collaboration with the American Board of Pathology, without a review committee; a subcommittee of the Council on Medical Education reviews 1-2 year residencies in General Surgery.

\*\*Residency Review Committee for Preventive Medicine evaluates residencies in Aerospace Medicine, General Preventive Medicine, Occupational Medicine, Public Health at its meetings; Residency Review Committee for Psychiatry and Neurology evaluates residencies in Child Psychiatry, Neurology, Psychiatry at its meetings; Residency Review Committee for Pediatrics evaluates residencies in Pediatric Allergy, Pediatric Cardiology, and Pediatrics at its meetings.

ment of \$500 higher than for the affiliated. While there was one salary in each group of hospitals between \$9,500 and \$10,000, salaries over \$6,000 were reported from 260, or 19%, of the affiliated hospitals, and from 235, or 21%, of the non-affiliated hospitals.

Table 16 in this report lists the trends in annual average salaries for the past ten years for interns and residents. It shows that the average annual salary of interns in affiliated hospitals has risen from \$1,860 to \$4,893, for an increase of 163%, and for non-affiliated hospitals, from \$2,376 to \$5,030, for an increase of 112%. Since salaries for all internships were not averaged until the year 1961-1962, the overall average increase for the past seven years is 77%.

#### Residency Programs

Because of the interest expressed by the House of Delegates of the American Medical Association in 1962, considerable additional material has been included in these Annual Reports, regarding the evaluation and approval process for residency programs. The Annual Report for 1962 carries a detailed description of the process by which these programs are evaluated. As noted elsewhere, steps have been taken to arrange the review process in several specialties, so that the same Review Committee will evaluate both the internship and the residency at the same time.

Table 8 indicates the volume of Residency Review Committee activity during the year July 1, 1967, to June 30, 1968, for the 27 specialties in which the Residency Review Committee mechanism is utilized. The specialty of pathology is the only field in which the specialty Board concerned has not chosen to request the Council to collaborate in the organization of a committee for the joint review of residency programs. Between July 1, 1967, and June 30, 1968, the 19 Residency Review Committees held 37 meetings. The frequency of meetings in each Committee varies from one to three times per year, and the meetings are held at various locations throughout the United States throughout the year, except for the months of July and August.

The actions of these Residency Review Committees are communicated by letter directly to the program director and

the hospital administrator concerned by the Committee Secretaries. No public announcement is made of the critical and constructive recommendations of these Committees, so that even an adverse recommendation remains confidential to the hospital officials involved. By comparing the published lists in the *Directories* from year to year, deletions and additions can be noted, but the interests of residents in training are always safeguarded by careful notation in the files of the AMA, as well as the specialty Boards concerned, since credit may be extended in individual cases for up to one year in some programs which have been deleted from the *Directory*.

A total of 2,120 programs were reviewed, with over 200 programs each reviewed in internal medicine and surgery, and over 100 each in anesthesiology, obstetrics-gynecology, orthopedic surgery, pediatrics, psychiatry, radiology, and urology. Approval was withheld on 47 applications, approval was withdrawn from 93 programs, 172 were placed on or continued on confidential probation, 102 programs were granted increased or decreased length of approval, 139 programs were added to the approved list, and 967 were granted continued approval.

Table 9 is the summary of survey activities of the field representatives for the year ending June 30, 1968. It will be noted that there was a resumption of internship reviews in 1968, following the suspension in 1967 to permit hospitals to adjust to the new definition of rotating internships. Approximately one third of all approved programs are reviewed each year by the field representatives on the staff of the Department of Graduate Medical Education, or by specialists representing the Review Committees.

Table 9.—Survey Activities of Field Representatives

Year Ending June 30	1963	1964	1965	1966	1967	1968
Hospitals Visited	922	1,115	1,152	1,020	953	923
Internships Reviewed	329	364	290	278	77	252
Residencies Reviewed	1,967	2,008	2,068	1,827	1,829	1,822
Total Programs Reviewed	2,296	2,372	2,358	2,105	1,908	2,074

#### Residencies by Specialty

Table 10 and Table 27 are the only two tables that include residencies in the fields of preventive medicine and forensic

Table 10.—Number of Residencies, by Specialty

Specialty	Number of Approved Programs	Number of Residencies				Number of Residents on Duty			
		Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled Sept. 1, 1967	Graduates, U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	Total Positions Offered 1969-1970
Anesthesiology	204	1,758	1,320	438	75	662	658	50	1,983
Colon and Rectal Surgery	14	26	23	3	89	9	14	61	27
Dermatology	81	538	502	36	93	454	48	10	559
General Practice	158	856	408	448	48	144	264	65	897
Internal Medicine	430	6,791	5,775	1,016	85	3,800	1,975	34	7,371
Neurological Surgery	92	541	493	48	91	388	105	21	547
Neurology	95	760	584	176	77	423	161	28	827
Obstetrics and Gynecology	381	2,897	2,526	371	87	1,702	824	33	2,995
Ophthalmology	167	1,254	1,202	52	96	1,103	99	8	1,309
Orthopedic Surgery	243	1,792	1,656	136	92	1,410	246	15	1,908
Otolaryngology	109	862	806	56	94	718	88	11	968
Pathology	662	3,854	2,170	1,684	56	1,178	992	46	3,756
Pediatrics	277	2,508	2,186	322	87	1,335	851	39	2,838
Pediatric Allergy	39	68	40	28	59	30	10	25	89
Pediatric Cardiology	56	144	88	56	61	31	57	65	151
Physical Medicine	72	477	286	191	60	142	144	50	498
Plastic Surgery	77	214	186	28	87	141	45	24	240
Psychiatry	260	4,790	3,661	1,129	76	2,617	1,044	29	5,102
Psychiatry-Child	108	576	400	176	69	316	84	21	663
Radiology	272	2,340	1,941	399	83	1,547	394	20	2,685
Surgery	612	6,837	6,074	763	89	3,909	2,165	36	7,089
Thoracic Surgery	104	306	284	22	93	163	121	43	337
Urology	189	984	898	86	91	682	216	24	1,029
<b>Totals</b>	<b>4,702</b>	<b>41,173</b>	<b>33,509</b>	<b>7,664</b>	<b>81</b>	<b>22,904</b>	<b>10,605</b>	<b>32</b>	<b>43,868</b>
Other than hospitals:									
Aerospace Medicine	4	115	84	31	73	81	3	4	115
General Preventive Medicine	19	154	80	74	52	72	8	10	227
Occupational Medicine (Academic)	8	74	23	51	31	18	5	22	74
Occupational Medicine (In-Plant)	19	27	7	20	26	7	0	..	24
Public Health	27	118	29	89	25	28	1	3	165
Forensic Pathology	15	34	11	23	32	6	5	45	38
<b>Totals</b>	<b>93</b>	<b>522</b>	<b>234</b>	<b>288</b>	<b>45</b>	<b>212</b>	<b>22</b>	<b>9</b>	<b>643</b>
<b>Grand Totals</b>	<b>4,795</b>	<b>41,695</b>	<b>33,743</b>	<b>7,952</b>	<b>81</b>	<b>23,116</b>	<b>10,627</b>	<b>31</b>	<b>44,511</b>

medicine. These programs function largely outside of hospitals, and therefore, all tables, except Tables 10 and 27, provide statistics limited to residency programs established primarily within hospitals. Thus, Table 10 and Table 27 include statistics on 93 programs, with positions for 522 residents, that are not included in the other tables. The total of 4,795 approved programs is a decrease of 54 over the previous year, and represents a decrease of 645 over the previous three years. The declining number of approved programs with the steadily increasing number of positions offered is evidence that there is a continuing trend for individual programs to combine to provide integrated programs, utilizing the resources of more than one hospital. There was a decrease of approximately 100 approved programs in each of the fields of internal medicine, obstetrics and gynecology, orthopedic surgery, pathology, pediatrics, surgery, and urology; and yet, in each of these fields, the total of positions both offered and filled exceeded the numbers for the previous year.

Table 10 contains data on the same 29 specialty fields as reported last year, including the six conducted in other than hospitals. The same ten major specialties, which offer more than 1,000 positions and obtain more than 1,000 candidates each, again comprised 85% of the positions offered. Except for a reversal of the positions of internal medicine and surgery, the ten specialties are ranked in order of decreasing size according to positions offered, as follows: Surgery, 6,837; Internal Medicine, 6,791; Psychiatry, 4,790; Pathology, 3,854; Obstetrics and Gynecology, 2,897; Pediatrics, 2,508; Radiology, 2,340; Orthopedic Surgery, 1,792; Anesthesiology, 1,758;

and Ophthalmology, 1,254. Of the seven specialties in which more than 90% of the positions were filled, six were surgical specialties, and the only non-surgical field was Dermatology, as before.

For the six specialties outside of hospitals, only the field of aerospace medicine had more than 70% of the residencies filled. For the hospital residencies, there were six fields with less than 70% of the positions filled, ranging from Child Psychiatry to Pediatric Cardiology, Physical Medicine, Pediatric Allergy, Pathology at 56%, and General Practice, the lowest, at 48% of the positions filled. These data, in general, are similar to the previous year, except that in the field of Anesthesiology 75% of the positions are now filled.

The overall percentage of positions filled was 81%, the same as the previous year, but the total of positions filled was 1,693 more than the previous year. This increase consisted of 1,125 additional foreign medical graduates and 568 additional U.S. and Canadian graduates. Foreign graduates in filled positions tended to follow the same rank order as the largest ten specialties, except that there were very few in Ophthalmology and a very high proportion, 65%, in General Practice. Pediatric Cardiology also had 65%, while Physical Medicine and Anesthesiology each had 50% foreign graduates.

The proportion of foreign graduates in hospital positions increased to 32%, while the numbers in the fields of Preventive Medicine and Forensic Pathology remained low. Only 45% of all positions in these fields were filled, and only 9%, or 22 of those in the filled positions, were foreign graduates. The total 44,511 positions to be offered for 1969-1970 is a 6% increase over those offered for September 1, 1967.

Table 11.—Number of Residencies, by Specialty, in Affiliated and Nonaffiliated Hospitals

Specialty	Number Approved Programs	Number of Residencies				Number of Residents on Duty			
		Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled Sept. 1, 1967	Graduates, U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	Total Positions Offered 1968-1970
<b>Affiliated</b>									
Anesthesiology	146	1,417	1,058	359	75	549	509	48	1,598
Colon and Rectal Surgery	10	20	18	2	90	6	12	67	20
Dermatology	68	473	437	36	92	394	43	10	402
General Practice	39	205	102	103	50	56	46	45	223
Internal Medicine	263	5,022	4,362	660	87	3,152	1,210	28	5,478
Neurological Surgery	82	486	441	45	91	348	93	21	493
Neurology	87	704	544	160	77	391	153	28	770
Obstetrics and Gynecology	227	2,003	1,769	234	88	1,303	466	26	2,093
Ophthalmology	126	1,015	977	38	96	903	74	8	1,057
Orthopedic Surgery	164	1,347	1,250	97	93	1,102	148	12	1,442
Otolaryngology	90	713	665	48	93	602	63	10	815
Pathology	342	2,317	1,580	737	68	873	607	38	2,479
Pediatrics	176	1,951	1,730	221	89	1,159	571	33	2,225
Pediatric Allergy	37	65	39	26	60	29	10	26	86
Pediatric Cardiology	53	144	88	56	61	31	57	65	145
Physical Medicine	60	405	249	156	62	123	126	51	421
Plastic Surgery	55	167	142	25	85	112	30	21	184
Psychiatry	161	3,143	2,451	692	78	1,980	471	10	3,389
Psychiatry-Child	70	393	292	101	74	236	56	10	453
Radiology	184	1,887	1,589	298	84	1,283	306	19	2,178
Surgery	315	4,586	4,150	436	91	3,134	1,016	25	4,741
Thoracic Surgery	82	236	218	18	92	136	82	38	258
Urology	138	780	719	61	92	576	143	20	817
<b>Totals</b>	<b>2,975</b>	<b>29,479</b>	<b>24,870</b>	<b>4,609</b>	<b>84</b>	<b>18,578</b>	<b>6,292</b>	<b>25</b>	<b>31,857</b>
<b>Non-Affiliated</b>									
Anesthesiology	58	341	262	79	77	113	149	57	385
Colon and Rectal Surgery	4	6	5	1	83	3	2	40	7
Dermatology	13	65	65	...	100	60	5	8	67
General Practice	119	651	306	345	47	88	218	71	674
Internal Medicine	167	1,769	1,413	356	80	648	765	54	1,893
Neurological Surgery	10	55	52	3	95	40	12	23	54
Neurology	8	56	40	16	71	32	8	20	57
Obstetrics and Gynecology	154	894	757	137	85	399	358	47	902
Ophthalmology	41	239	225	14	94	200	25	11	252
Orthopedic Surgery	79	445	406	39	91	308	98	24	466
Otolaryngology	19	149	141	8	95	116	25	18	153
Pathology	320	1,537	590	947	38	205	385	65	1,277
Pediatrics	101	557	456	101	82	176	280	61	613
Pediatric Allergy	2	3	1	2	33	1	...	...	3
Pediatric Cardiology	3	...	...	...	...	...	...	...	6
Physical Medicine	12	72	37	35	51	19	18	49	77
Plastic Surgery	22	47	44	3	94	29	15	34	56
Psychiatry	99	1,647	1,210	437	74	637	573	47	1,713
Psychiatry-Child	38	183	108	75	59	80	28	26	210
Radiology	88	453	352	101	78	264	88	25	507
Surgery	297	2,251	1,924	327	86	775	1,149	60	2,348
Thoracic Surgery	22	70	66	4	94	27	39	59	79
Urology	51	204	179	25	88	106	73	41	212
<b>Totals</b>	<b>1,727</b>	<b>11,694</b>	<b>8,639</b>	<b>3,055</b>	<b>74</b>	<b>4,326</b>	<b>4,313</b>	<b>50</b>	<b>12,011</b>
<b>Grand Totals</b>	<b>4,702</b>	<b>41,173</b>	<b>33,509</b>	<b>7,664</b>	<b>81</b>	<b>22,904</b>	<b>10,605</b>	<b>32</b>	<b>43,868</b>

Table 11 is a refinement of Table 10, omitting the programs outside of hospitals, and separating the hospitals into those with and without affiliation with medical schools. The continued favorable position of the affiliated hospitals is indicated in these tables. While the total of approved programs in both groups of hospitals was 62 less than the previous year, the total in affiliated hospitals increased by 275 programs, while the total in non-affiliated hospitals decreased by 337 programs. As a result, affiliated hospitals had 63% of the approved programs, they offered 72% of all the available positions, and they obtained 74% of the available residents. The affiliated hospitals gained 3,856 residents, while the non-affiliated hospitals lost 2,139, as compared to the previous year. The affiliated hospitals gained 2,475 U.S. and Canadian graduates, while the non-affiliated hospitals lost 1,880 of this group. While the affiliated hospitals also gained 1,381 foreign medical graduates, the non-affiliated lost an additional 259. As a result, affiliated hospitals secured 81% of the U.S. and Canadian graduates and 59% of the foreign graduates avail-

able as residents. While foreign graduates filled 32% of all filled positions, they occupied only 25% of positions in affiliated hospitals, but exactly 50% of the positions in non-affiliated hospitals. The total of 43,868 positions to be offered for 1969-1970 is only 979 greater than the number projected for 1968-1969. Of these, 73% are in affiliated hospitals. It must be noted, however, that within this relatively small total projected increase, the affiliated hospitals proposed to offer 4,649 more positions, while the non-affiliated hospitals proposed to offer 3,670 less than was projected for 1968-1969. This would appear to suggest that at least some of the non-affiliated hospitals recognized that they have been offering unrealistically high numbers of positions.

Whereas the previous year, the non-affiliated hospitals offered a higher number of approved programs in the fields of Surgery, Pathology, Colon and Rectal Surgery, and General Practice, for the past year this is true for only the field of General Practice. In that field, the non-affiliated hospitals offered 75% of the approved programs, 76% of the total posi-

Table 11A.—Number of First-Year Residencies, by Specialty, in Affiliated and Nonaffiliated Hospitals

Specialty	No. of Approved Programs	Number of Residencies				Number of Residents on Duty			Total Positions Offered 1968-1970
		Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled Sept. 1, 1967	Graduates, U.S. Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	
<b>Affiliated</b>									
Anesthesiology	146	625	488	137	78	288	200	41	624
Colon and Rectal Surgery	10	11	10	1	91	3	7	70	10
Dermatology	68	176	163	13	93	140	23	14	168
General Practice	39	110	64	46	58	41	23	36	100
Internal Medicine	263	2,073	1,829	244	88	1,429	400	22	2,208
Neurological Surgery	82	113	101	12	89	74	27	27	102
Neurology	87	277	217	60	78	155	62	29	266
Obstetrics and Gynecology	227	624	546	78	88	382	164	30	612
Ophthalmology	126	331	322	9	97	296	26	8	342
Orthopedic Surgery	164	355	325	30	92	288	37	11	311
Otolaryngology	90	182	171	11	94	152	19	11	189
Pathology	342	712	494	218	70	274	220	45	705
Pediatrics	176	933	824	109	88	557	267	32	1,004
Pediatric Allergy	37	37	23	14	62	20	3	13	43
Pediatric Cardiology	53	75	49	26	65	20	29	59	69
Physical Medicine	60	151	98	53	65	44	54	55	146
Plastic Surgery	55	65	57	8	88	41	16	28	68
Psychiatry	161	1,046	829	217	79	645	184	22	1,089
Psychiatry-Child	70	152	112	40	74	93	19	17	106
Radiology	184	701	612	89	87	500	112	18	692
Surgery	315	1,783	1,589	194	89	1,218	371	23	1,790
Thoracic Surgery	82	102	96	6	94	55	41	43	28
Urology	138	222	199	23	90	143	56	28	225
<b>Totals</b>	<b>2,975</b>	<b>10,856</b>	<b>9,218</b>	<b>1,638</b>	<b>85</b>	<b>6,858</b>	<b>2,360</b>	<b>28</b>	<b>10,897</b>
<b>Non-Affiliated</b>									
Anesthesiology	58	161	124	37	77	48	76	61	176
Colon and Rectal Surgery	4	4	4	...	100	3	1	25	5
Dermatology	13	20	20	...	100	20	...	...	23
General Practice	119	372	201	171	54	56	145	72	347
Internal Medicine	167	714	588	126	82	271	317	54	735
Neurological Surgery	10	15	15	...	100	10	5	33	12
Neurology	8	20	16	4	80	13	3	19	19
Obstetrics and Gynecology	154	287	237	50	83	109	128	54	282
Ophthalmology	41	81	75	6	93	67	8	11	86
Orthopedic Surgery	79	111	96	15	87	69	27	28	109
Otolaryngology	19	40	37	3	93	34	3	8	39
Pathology	320	442	210	232	48	55	155	74	414
Pediatrics	101	277	210	67	76	79	131	62	288
Pediatric Allergy	2	1	...	1	...	...	...	...	2
Pediatric Cardiology	3	...	...	...	...	...	...	...	2
Physical Medicine	12	27	11	16	41	6	5	46	30
Plastic Surgery	22	22	20	2	91	10	10	50	25
Psychiatry	99	603	417	186	69	206	211	51	586
Psychiatry-Child	38	67	35	32	52	30	5	14	54
Radiology	88	174	143	31	82	106	37	26	173
Surgery	297	985	817	168	83	382	435	53	998
Thoracic Surgery	22	33	30	3	91	14	16	53	12
Urology	51	62	57	5	92	34	23	40	58
<b>Totals</b>	<b>1,727</b>	<b>4,518</b>	<b>3,363</b>	<b>1,155</b>	<b>74</b>	<b>1,622</b>	<b>1,741</b>	<b>52</b>	<b>4,474</b>
<b>Grand Totals</b>	<b>4,702</b>	<b>15,374</b>	<b>12,581</b>	<b>2,793</b>	<b>82</b>	<b>8,480</b>	<b>4,101</b>	<b>33</b>	<b>15,371</b>

tions, they obtained 75% of the available residents in General Practice, but they also reflected 77% of the vacancies in this field. Of the total of 144 U.S. and Canadian graduates serving in General Practice residencies, 88, or 61%, were in non-affiliated hospitals. Of the 264 foreign graduates serving in these residencies 218, or 83%, were in non-affiliated hospitals. Foreign graduates comprised 45% of General Practice residents in affiliated hospitals but 71% of similar residents in the non-affiliated group. In affiliated hospitals, residencies in General Practice were only 50% filled, lower than for any other specialty in that group of hospitals. In non-affiliated hospitals, the specialties of Pathology and Pediatric Allergy both showed lower percentages of filled positions than did General Practice at 47%.

In affiliated hospitals, the overall percentage of filled positions was 84%, as contrasted to 74% in the non-affiliated group. The ten leading specialties in the affiliated hospital group all showed a percentage filling higher than 84%, except for Anesthesiology at 75%, Psychiatry at 78%, and Pathology at 68%.

**First-Year Positions**

Table 11A has been added this year, to facilitate study of the distribution of first-year positions by specialty, because of pertinence of these figures to possible residency matching programs in the future. Table 11A identified the first-year positions offered and filled by specialty. Particularly important is a comparison of the percentage relationships of the filled first-year positions to the total positions filled for each specialty, as reported in Table 11.

It will be noted that the total first-year positions offered were 37% of the total appointments offered for all years. Of U.S. and Canadian graduates, 8,480, or 37%, were in first-year positions. The 4,101 foreign graduates in first-year positions were 39% of all foreign graduates on duty. The total of 12,581 filled first-year positions was 38% of all positions filled. The 2,793 vacant positions in the first year were 36% of all vacancies.

A study of Table 11A would suggest some interesting conclusions to be drawn, relating to length of training, the numbers of first-year positions filled and the proportions these numbers represent of all positions filled in each specialty.

The percentage of U.S. and Canadian graduates filling first-year positions was identical with that for all years. While 58% of the available foreign graduates filled first-year positions in affiliated hospitals, 59% filled all-year positions in affiliated hospitals. Of the 12,581 filled first-year positions, 8,480, or 67%, were U.S. and Canadian graduates, while 4,101, or 33%, were foreign graduates—the figure is only 1% different than for positions filled for all years.

**Residencies by Type of Hospital Control**

Table 12 contains a group of 171 "Combined Hospitals," to designate training programs that are supported through a combination of resources of several hospitals under different sponsorships. Therefore, it was not possible to classify hospitals with combined programs under the Federal, Non-Federal, Non-Governmental or Proprietary groups of hospitals. The Combined Hospitals group comprised 11% of the hospitals and 16% of the approved programs. They offered 27% of the positions, and filled 88% for the best record of any of the groups. While the overall percentage for residencies was 81% filled, the best record was in the small group of 50 Proprietary hospitals, offering less than 1,000 positions.

The largest group, 809 Non-Governmental, Nonprofit hospitals, increased by ten over the previous year but offered only five more programs. This group of hospitals offered 40% of the available residency positions, and obtained 38% of the available residents. They obtained only 32% of the available U.S. and Canadian graduates, but 50% of the available foreign graduates. Of all groups, the total of foreign graduates in filled positions was greatest in this group of hospitals, being 42%. As in the internship programs, the Church-Related hospitals tended to have a poorer recruitment record than the Nonprofit Corporation hospitals, and a higher percentage of foreign graduates.

Table 12.—Number of Residencies, By Type of Hospital Control

	No. of Hospitals	No. of Approved Programs	Number of Residencies				Number of Residents on Duty			
			Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled Sept. 1, 1967	Graduates, U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	Total Positions Offered 1969-1970
<b>Control</b>										
Combined Hospitals.....	171	745	10,987	9,624	1,363	88	7,403	2,221	23	11,919
<b>Totals.....</b>	<b>171</b>	<b>745</b>	<b>10,987</b>	<b>9,624</b>	<b>1,363</b>	<b>88</b>	<b>7,403</b>	<b>2,221</b>	<b>23</b>	<b>11,919</b>
<b>Federal</b>										
U. S. Air Force.....	8	29	195	139	56	71	138	1	1	227
U. S. Army.....	15	83	721	671	50	93	652	19	3	726
U. S. Navy.....	11	75	514	493	21	96	492	1	..	496
U. S. Public Health Service.....	14	34	222	184	38	83	179	5	3	219
Veterans Administration.....	90	208	1,822	1,329	493	73	792	537	40	1,928
Other Federal.....	2	10	69	44	25	64	30	14	32	72
<b>Totals.....</b>	<b>140</b>	<b>439</b>	<b>3,543</b>	<b>2,860</b>	<b>683</b>	<b>81</b>	<b>2,283</b>	<b>577</b>	<b>20</b>	<b>3,668</b>
<b>Governmental (nonfederal)</b>										
State.....	190	486	5,157	4,163	994	81	3,009	1,154	28	5,609
County.....	66	241	2,525	2,102	423	83	1,576	526	25	2,811
City.....	47	166	1,496	1,210	286	81	583	627	52	1,604
City-County.....	9	15	84	65	19	77	53	12	18	95
Hospital District.....	10	19	95	65	30	68	27	38	58	137
<b>Totals.....</b>	<b>322</b>	<b>927</b>	<b>9,357</b>	<b>7,605</b>	<b>1,752</b>	<b>81</b>	<b>5,248</b>	<b>2,357</b>	<b>31</b>	<b>10,256</b>
<b>Nongovernmental nonprofit</b>										
Church Related.....	262	775	4,139	2,918	1,221	71	1,456	1,462	50	4,418
Non-profit Corporation.....	547	1,710	12,298	9,744	2,554	79	5,857	3,887	40	12,688
<b>Totals.....</b>	<b>809</b>	<b>2,485</b>	<b>16,437</b>	<b>12,662</b>	<b>3,775</b>	<b>77</b>	<b>7,313</b>	<b>5,349</b>	<b>42</b>	<b>17,106</b>
<b>Proprietary and Miscellaneous</b>										
Individual.....	1	...	...	...	...	..	...	...	..	...
Partnership.....	...	...	...	...	...	..	...	...	..	...
Corporation.....	9	6	18	16	2	89	7	9	56	22
Miscellaneous.....	40	100	831	742	89	89	650	92	12	897
<b>Totals.....</b>	<b>50</b>	<b>106</b>	<b>849</b>	<b>758</b>	<b>91</b>	<b>89</b>	<b>657</b>	<b>101</b>	<b>13</b>	<b>919</b>
<b>Grand Totals.....</b>	<b>1,492</b>	<b>4,702</b>	<b>41,173</b>	<b>33,509</b>	<b>7,664</b>	<b>81</b>	<b>22,904</b>	<b>10,605</b>	<b>32</b>	<b>43,866</b>

Within the Federal Hospital programs, the 90 hospitals of the Veterans Administration comprised 64% of all Federal hospitals, and 47% of all programs in this group, offered 51% of the residency positions, and obtained 46% of the residents. The 1,329 residents in the Veterans Administration comprised only 4% of all those on duty, and only 73% of the V.A. positions were filled. The 537 foreign graduates serving in Veterans Administration programs comprised 40% of the filled positions, but made up 93% of all foreign medical graduates serving in Federal hospitals. While foreign graduates filled 20% of the positions in all Federal hospitals, they represented only 5% of all those on duty. The foreign graduates who filled 31% of the positions in the Governmental Nonfederal group comprised 22% of all graduates, while the 5,349 foreign graduates, who filled 42% of the positions in the Nongovernmental, Nonprofit hospitals, comprised actually 50% of all those foreign graduates available.

The final group, entitled Proprietary and Miscellaneous includes about ten Proprietary institutions, which will be separated for next year, so that the Miscellaneous programs can show those not falling into any of the above classifications. Actually, the total number of Proprietary hospitals is nearer 10 than 50.

#### Residencies by Medical School Affiliation and Bed Capacity

Table 13 indicates that the total number of non-affiliated hospitals decreased by 79 compared to the previous year, while there was an increase of 116 affiliated hospitals, for a total increase of 37 hospitals over the year before. The generally unfavorable position of the non-affiliated hospitals was indicated by the fact that, although they comprised 52% of the total, they had 38% of the approved programs, offered 28% of all positions, obtained only 26% of available residents, obtained 19% of the total U.S. and foreign graduates available, and obtained 41% of the available foreign graduates. In the non-affiliated hospitals, 74% of the positions were filled, compared with 84% in the affiliated hospitals, but foreign graduates filled 50% of the positions, as compared with 25% in the affiliated hospitals.

For both groups of hospitals, the recruitment records were poor for those with 200-300 beds, with the poorest record identified with the largest single group, the 225 non-affiliated hospitals with 300-500 beds, with only 63% of the positions filled. Here the percentage of foreign graduates was 62%, nearly twice the overall average for all hospitals.

#### Residencies by Census Region and State

Table 14 contains the same category of non-inpatient institutions as is contained in Table 6, to identify those programs in which approval is in the name of a group or other activity, even though hospital facilities are utilized in the training program.

As has been true for many years, the Middle Atlantic states of New Jersey, New York, and Pennsylvania provided the largest single group of data, with 23% of the hospitals, 26% of the approved programs, 27% of total residency positions offered, and 27% of all available residents in filled positions. The three Middle Atlantic states obtained 21% of all available U.S. and Canadian graduates, and 38% of the available foreign graduates. The percentage of positions filled in these three states was 81%, the same as the national average, but New Jersey filled only 51% of the available positions. The 4,081 foreign graduates on duty in these three states comprised 46% of all residents on duty in those states. Again, New Jersey led the list with the highest proportion of foreign medical graduates, 415 out of 563, or 74% of the filled positions. Interestingly enough, while practically all states are offering more positions for 1969-1970, New Jersey is offering 258 or 23% less than were offered September 1, 1967.

Of the two states that filled more than 90% of their available positions, Vermont had only 15% of its positions filled by foreign graduates, whereas the other state, Maryland, had 40% of its filled positions made up of foreign graduates. The eight states that filled 70% or less of their positions, ranged from New Hampshire and Indiana through Utah, Puerto Rico, New Mexico, Delaware, to New Jersey with only 51% filled. Alaska, with one hospital, two approved programs, and three positions offered, filled only one of the positions for a 33% record.

The tables dividing the states according to census region have been rearranged in conformance with the pattern used in the Annual Report of the Department of Survey Research, in which the former census regions are identified as divisions and arranged under four major census regions—Northeast, North Central, South, and West. The category of "Possessions" makes the fifth census region.

#### Residency Salaries

Although the annual questionnaire and the salaries published in the *Directory* indicate the range of salaries, only the average beginning salary is analyzed in this report, and is tabulated for both affiliated and non-affiliated hospitals. No attempt is made to calculate the value of partial or full maintenance or of other fringe benefits.

Because there were 427 hospital reports on which data were not available, these data apply to 5,204 reports. Although 97% of all salaries fell in ranges between \$4,000 and \$9,000 annually, the overall average was \$5,040, or only \$84 more than the average intern salary. The average salary reported for 1,161 programs in non-affiliated hospitals was \$5,532, or \$502 more than the average intern salary in that group of hospitals. On the other hand, for 3,543 programs in affiliated hospitals, the average resident salary was \$4,755, or \$138 per year less than the average annual salary of in-

Table 13.—Number of Residencies, By Medical School Affiliation and Bed Capacity

Classification	No. of Hospitals	No. of Approved Programs	Number of Residencies				Number of Residents on Duty			
			Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled Sept. 1, 1967	Graduates, U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	Total Positions Offered 1969-1970
<b>Nonaffiliated</b>										
Combined Hospitals	104	191	1,900	1,551	349	82	936	615	40	2,024
Less Than 200 Beds	135	134	678	518	160	76	243	275	53	730
200-299	146	233	1,161	807	354	70	249	558	69	1,287
300-499	225	639	3,564	2,248	1,316	63	850	1,398	62	3,411
500-Over	161	530	4,391	3,515	876	80	2,048	1,407	42	4,559
Totals	771	1,727	11,694	8,639	3,055	74	4,326	4,313	50	12,011
<b>Affiliated</b>										
Combined Hospitals	162	714	10,298	9,057	1,241	88	7,286	1,771	20	11,171
Less Than 200 Beds	93	99	785	659	126	84	552	107	16	827
200-299	76	174	1,064	793	271	75	482	311	39	1,173
300-499	182	713	4,749	3,789	960	80	2,442	1,347	36	5,297
500-Over	208	1,275	12,583	10,572	2,011	84	7,816	2,756	26	13,389
Totals	721	2,975	29,479	24,870	4,609	84	18,578	6,292	25	31,857
Grand Totals	1,492	4,702	41,173	33,509	7,664	81	22,904	10,605	32	43,868

Table 14.—Number of Residencies, by Census Region and State

Census Region, Division, and State	No. of Hospitals	No. of Approved Programs	Number of Residencies				Number of Residents on Duty			
			Total Positions Offered Sept. 1, 1967	Total Positions Filled Sept. 1, 1967	Positions Vacant Sept. 1, 1967	Percentage Filled Sept. 1, 1967	Graduates, U.S., Canada Sept. 1, 1967	Foreign Graduates Sept. 1, 1967	Percentage For. Grads. in Filled Positions	Total Positions Offered 1969-1970
<b>NORTHEAST</b>										
<b>New England</b>										
Connecticut	29	93	738	620	118	84	350	270	44	816
Maine	3	9	36	28	8	78	21	7	25	38
Massachusetts	71	207	1,876	1,635	241	87	1,091	544	33	1,933
New Hampshire	1	12	69	48	21	70	40	8	17	84
Rhode Island	11	22	147	113	34	77	42	71	63	154
Vermont	3	15	101	92	9	91	78	14	15	123
Totals	118	356	2,967	2,536	431	85	1,622	914	36	3,148
<b>Middle Atlantic</b>										
New Jersey	61	141	1,104	563	541	51	148	415	74	846
New York	175	702	7,072	6,143	929	87	3,226	2,917	47	7,571
Pennsylvania	104	386	2,884	2,254	630	78	1,505	749	33	3,071
Totals	340	1,229	11,060	8,960	2,100	81	4,879	4,081	46	11,488
<b>NORTH CENTRAL</b>										
<b>East North Central</b>										
Illinois	61	239	2,126	1,848	278	87	1,011	837	45	2,288
Indiana	17	49	427	298	129	70	275	23	8	426
Michigan	55	195	1,961	1,695	266	86	973	722	43	2,035
Ohio	75	274	2,412	1,943	469	81	1,096	847	44	2,505
Wisconsin	25	75	704	533	171	76	417	116	22	742
Totals	233	832	7,630	6,317	1,313	83	3,772	2,545	40	7,986
<b>West North Central</b>										
Iowa	11	33	314	280	34	89	228	52	19	341
Kansas	11	37	429	337	92	79	234	103	31	439
Minnesota	23	101	1,424	1,167	257	82	911	256	22	1,415
Missouri	35	130	1,144	886	258	77	626	260	29	1,299
Nebraska	12	28	212	141	71	67	125	16	11	261
North Dakota	6	4	14	12	2	86	9	3	26	14
South Dakota	2	2	9	7	2	78	7	...	...	9
Totals	100	335	3,546	2,830	716	80	2,140	690	24	3,778
<b>SOUTH</b>										
<b>South Atlantic</b>										
Delaware	6	12	94	49	45	52	17	32	65	91
District of Columbia	18	105	1,011	884	127	87	588	296	33	1,045
Florida	31	100	842	727	115	86	488	239	33	912
Georgia	20	78	686	503	183	73	431	72	14	704
Maryland	36	137	1,173	1,079	94	92	652	427	40	1,250
North Carolina	20	80	669	552	117	83	510	42	8	754
South Carolina	10	30	236	161	75	68	151	10	6	263
Virginia	30	92	714	560	154	78	402	158	28	749
West Virginia	12	40	191	130	61	68	64	66	51	243
Totals	183	674	5,616	4,645	971	83	3,303	1,342	29	6,011
<b>East South Central</b>										
Alabama	12	44	339	232	107	68	211	21	9	355
Kentucky	20	50	387	291	96	75	212	79	27	429
Mississippi	7	24	151	121	30	80	108	13	11	185
Tennessee	22	98	786	620	166	79	540	80	13	837
Totals	61	216	1,663	1,264	399	76	1,071	193	15	1,806
<b>West South Central</b>										
Arkansas	5	23	178	141	37	79	134	7	5	194
Louisiana	19	84	732	558	174	76	477	81	15	761
Oklahoma	12	41	279	205	74	73	186	19	9	297
Texas	44	175	1,600	1,319	281	82	1,081	238	18	1,739
Totals	80	323	2,789	2,223	566	80	1,878	345	18	2,991
<b>WEST</b>										
<b>Mountain</b>										
Arizona	9	35	153	119	34	78	53	66	55	206
Colorado	18	59	441	352	89	80	309	43	12	470
Nevada	1	1	...	...	...	...	...	...	...	2
New Mexico	7	16	119	64	55	54	50	14	22	135
Utah	9	32	199	135	64	68	129	6	4	217
Totals	44	143	912	670	242	73	541	129	19	1,030
<b>Pacific</b>										
Alaska	1	2	3	1	2	33	1	...	...	...
California	110	433	3,684	3,051	633	83	2,890	161	5	4,154
Hawaii	8	18	141	123	18	87	102	21	17	142
Oregon	8	36	287	236	51	82	215	21	9	318
Washington	18	57	488	413	75	85	381	32	8	539
Totals	145	546	4,603	3,824	779	83	3,589	235	6	5,153
<b>POSSESSIONS</b>										
<b>Territories &amp; Possessions</b>										
Canal Zone	1	8	31	25	6	81	16	9	36	34
Puerto Rico	10	38	356	215	141	60	93	122	57	433
Totals	11	46	387	240	147	62	109	131	55	467
Non-Inpatient Institutions*	177	...	...	...	...	...	...	...	...	...
<b>Grand Totals</b>	<b>1,492</b>	<b>4,702</b>	<b>41,173</b>	<b>33,509</b>	<b>7,664</b>	<b>81</b>	<b>22,904</b>	<b>10,605</b>	<b>32</b>	<b>43,868</b>

\*In these cases, the approved program is in the name of an activity other than a hospital, although the facilities of one or more hospitals are used in the training of residents.

terns in that same group of affiliated hospitals. Table 16 is an elaboration of Table 15A reported last year, to show trends in the average annual salaries for both interns and residents. The table indicates that over the past two years the average intern annual salary has increased \$1,159 and the average starting salary for residents has increased \$1,109. The result is that the intern salary is now close to the first-year resident's starting salary, and it appears as if in affiliated hospitals the salaries are less for the first-year resident than for the intern. The averages are misleading in this respect, because they are calculated from a wide range of salaries. Calculations for Table 16, based on the average salaries reported for 1960-1961 and for 1967-1968 indicate that, for non-affiliated hospitals, the salaries of residents have increased 88%, while the salaries of interns increased 91%. For the affiliated hospitals, however, the salaries of residents increased 89%, while the salaries of interns increased 129%, thus accounting for the narrowing of the differences in salaries for these categories.

#### Salaries by Sponsorship

In the section on Special Studies which follows this Annual Report, there is a further discussion of attempts to analyze salaries in various hospitals, according to control, as well as by state.

Table 15.—Annual Salaries Offered Residents

Annual Salary Offered	In Affiliated Hospitals	In Non-Affiliated Hospitals	Totals
Data not Available.....	264	163	427
0- 500.....	...	...	...
501- 1,000.....	...	...	...
1,001- 1,500.....	...	...	...
1,501- 2,000.....	...	...	...
2,001- 2,500.....	1	0	1
2,501- 3,000.....	0	0	0
3,001- 3,500.....	1	2	3
3,501- 4,000.....	14	13	27
4,001- 4,500.....	118	38	156
4,501- 5,000.....	715	134	849
5,001- 5,500.....	545	259	804
5,501- 6,000.....	724	356	1,080
6,001- 6,500.....	347	196	543
6,501- 7,000.....	470	236	706
7,001- 7,500.....	271	142	413
7,501- 8,000.....	142	89	231
8,001- 8,500.....	84	84	168
8,501- 9,000.....	49	67	116
9,001- 9,500.....	15	9	24
9,501-10,000.....	16	14	30
10,001-10,500.....	8	8	16
10,501-11,000.....	10	5	15
11,001-11,500.....	6	2	8
11,501-12,000.....	3	3	6
12,001-12,500.....	0	0	0
12,501-13,000.....	2	0	2
Over 13,000.....	2	4	6
<b>Totals.....</b>	<b>3,807</b>	<b>1,824</b>	<b>5,631</b>
Mean —Annual Salary.....	\$4,755	\$5,532	\$5,040
Median—Annual Salary.....	\$5,501-6,000	\$6,001-6,500	\$6,001-6,500
Mode —Annual Salary.....	\$5,501-6,000	\$5,501-6,000	\$5,501-6,000

#### Foreign Medical Graduates

In this report, the data on foreign medical graduates have been included along with those for other graduates in the various tables, although there has been some rearrangement of columns in the various tables to facilitate comparative study.

Table 16.—Average Salaries of Interns and Residents

	INTERNS			RESIDENTS		
	Affiliated	Non-Affiliated	Total	Affiliated	Non-Affiliated	Total
1958-59.....	\$1,860	\$2,376	\$ —	\$ —	\$ —	\$ —
1959-60.....	1,992	2,484	—	—	—	—
1960-61.....	2,136	2,628	—	2,520	2,940	—
1961-62.....	2,292	2,988	2,796	2,776	3,604	3,300
1962-63.....	2,625	3,485	3,039	3,398	4,037	3,684
1963-64.....	3,053	3,678	3,425	3,739	4,309	4,037
1964-65.....	3,245	3,707	3,529	3,775	4,163	3,989
1965-66.....	3,578	4,071	3,797	3,818	4,059	3,931
1966-67.....	4,139	4,521	4,322	4,095	4,557	4,295
1967-68.....	4,893	5,030	4,956	4,755	5,532	5,040

Graduates of Canadian medical schools are not regarded as foreign medical graduates, because Canadian medical schools are accredited by the same mechanism used for medical schools in the United States and Puerto Rico. Accordingly, graduates of Canadian or Puerto Rican medical schools are not required to have ECFMG certification.

Table 17 is an eight-year summary of the distribution of foreign medical graduates as interns, residents, and in other types of traineeships. The totals have been increasing steadily since 1962-1963, as have the totals of the category known as "Others." Since 1965-1966, both the intern and resident totals have increased progressively, with the result that the overall total of 16,617 is the largest reported to date. Of this number, 13,540, or 81%, are interns and residents, and 3,077, or 19%, are the "others" category. The increase in residents for 1967-1968 was 1,122 more than for the previous year, an increase of 12% over 1966-1967. For the same period, the increase of interns was only 120, or 4% over the previous year. The increase of 511 "Others" represented a 20% increase for the same period of time.

Additional data on foreign medical graduates, assembled as of December 31, 1967, are included in the following section on Special Studies. They represent the more detailed processing of data on all categories of trainees by the Circulation and Records Department of the American Medical Association, to identify the foreign countries whose medical schools contributed foreign physicians to United States training programs, and to provide data on citizenship and visa status of foreign graduates.

#### Educational Council for Foreign Medical Graduates

The Educational Council for Foreign Medical Graduates was incorporated in 1956, and began operation on October 1, 1957, under the sponsorship of the American Hospital Association, the American Medical Association, the Association of American Medical Colleges, and the Federation of State Medical Boards of the United States. In August of 1966, the ECFMG office was moved from Evanston, Illinois, to the new building of the National Board of Medical Examiners at 3930 Chestnut Street, Philadelphia, Pennsylvania 19104 (Tel: Area Code 215, 386-1300).

An excellent summary of the activities of the ECFMG has been published in the June 17, 1968, State Board Number of The JAMA, pp. 1092-1095.

See the section on "Special Announcements," regarding further clarification of the modified ECFMG requirements for graduates of foreign medical schools who are United States citizens.

Table 17.—Foreign Medical Graduates in Training Programs

	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68
Interns.....	1,753	1,273	1,669	2,566	2,821	2,361	2,793	2,913
Residents.....	8,182	7,723	7,062	7,052	8,153	9,113	9,505	10,627
Others.....	...	...	1,024	1,791	1,925	2,355	2,566	3,077
<b>Totals.....</b>	<b>9,935</b>	<b>8,996</b>	<b>9,755</b>	<b>11,409</b>	<b>12,899</b>	<b>13,829</b>	<b>14,864</b>	<b>16,617</b>

#### Other Graduate Trainees by Specialty

Table 18 lists the physicians reported as engaged in graduate training activity, other than internships and residencies, such as research, teaching fellowships, clinical traineeships, or other types of activities leading toward specialization and possible specialty board certification. The total of 7,212 was a gain of 972, or 16%, over the figure reported the previous year. The 3,077 foreign graduate trainees represented a gain of 511, or 20%, over the figure for the previous year, and totalled 43% of all of this category of trainees. The percentage of foreign graduates as special trainees exceeded 50% in the fields of anesthesiology, obstetrics and gynecology, surgery, and thoracic surgery, and was just under 50% in the fields of pathology, pediatrics, and psychiatry.

Table 18.—Other Graduate Trainees by Specialty

	Non-foreign Graduates Trainees	Foreign Graduates Trainees	Total No. of Trainees	Percentage of Foreign Graduates
Anesthesiology.....	110	128	238	54
Colon and Rectal Surgery..	0	0	0	..
Dermatology.....	46	15	61	25
General Practice.....	130	89	219	41
Internal Medicine.....	1,352	832	2,184	38
Neurological Surgery.....	46	29	75	39
Neurology.....	74	46	120	38
Obstetrics and Gynecology..	148	179	327	55
Ophthalmology.....	122	59	181	33
Orthopedic Surgery.....	116	48	164	29
Otolaryngology.....	51	35	86	41
Pathology.....	229	216	445	49
Pediatrics.....	389	369	758	49
Pediatric Allergy.....	30	11	41	27
Pediatric Cardiology.....	43	31	74	42
Physical Medicine.....	39	16	55	29
Plastic Surgery.....	31	13	44	30
Psychiatry.....	404	375	779	48
Psychiatry—Child.....	121	21	142	15
Radiology.....	165	75	240	31
Surgery.....	373	418	791	53
Thoracic Surgery.....	33	36	69	52
Urology.....	83	36	119	30
Totals.....	4,135	3,077	7,212	43

#### Hospital Autopsy Rates

For many years, a table has been included, showing the leading 20 hospitals in terms of autopsy percentage. In recent years this list has been separated into Federal Hospitals, Nonfederal Hospitals (Children's), and Nonfederal Hospitals (other than Children's). This table is being discontinued, inasmuch as the Consolidated List of Hospitals, the lists of approved internships, and the lists of approved residencies all contain data either on necropsy percentage and stillbirths, or deaths. Candidates for internship or residency appointment can more profitably study the individual lists for comparison of necropsy data, along with other pertinent data, and therefore, the old table of the hospitals with highest autopsy rates has been eliminated. The various Review Committees regard the hospital necropsy rate as an important index of the interest of the hospital staff in conducting an educational program with high academic standards. In various of the specialties, the Residency Review Committees require a necropsy rate appreciably higher than the minimal rate stated in the "Essentials." There is increasing concern on the part of each of the Committees that attention be paid to the manner in which necropsies are used in the educational process, quite aside from the percentage reported by the hospital annually.

#### Director of Medical Education

Tables 19 and 20 show the geographic and specialty distribution of directors of medical education. The total of 971 was 28 less than for last year, but this reduction was entirely in the categories of full and part-time, non-salaried individuals. The full-time salaried group increased by two, and the part-time salaried group increased by one. As a result, full-time, salaried directors of medical education comprised 60% of the total, with part-time salaried comprising 30%. There was no single state that did not have at least one DME, with the distribution following generally the distribution of the population and number of programs in the various states.

As before, the specialty of internal medicine contributed the largest single group, with 379, or 39% of the total. The next two largest fields were psychiatry, with 13%, and surgery, with 12% of all directors of medical education.

#### Hospital Staffing Patterns

Table 21 analyzes the distribution of full-time directors of residency programs according to specialty and identified as to affiliated or non-affiliated hospitals.

Table 19.—Directors of Medical Education by State

State	Full Time Salaried	Part Time Salaried	Full Time Non-Salaried	Part Time Non-Salaried	Totals
Alabama.....	2	5	1	2	10
Arizona.....	7	1	..	..	8
Arkansas.....	4	2	..	..	6
California.....	58	15	..	5	78
Canal Zone.....	1	..	..	..	1
Colorado.....	11	4	..	2	17
Connecticut.....	12	9	..	5	26
Delaware.....	3	1	..	..	4
District of Columbia	7	4	..	..	11
Florida.....	15	4	..	..	19
Georgia.....	11	1	..	..	12
Hawaii.....	4	4	..	..	8
Illinois.....	27	16	2	4	49
Indiana.....	5	5	..	3	13
Iowa.....	7	3	..	..	10
Kansas.....	4	4	..	..	8
Kentucky.....	8	2	..	3	13
Louisiana.....	6	4	..	1	11
Maine.....	1	..	..	..	1
Maryland.....	18	5	1	1	25
Massachusetts.....	21	23	1	2	47
Michigan.....	26	16	3	1	46
Minnesota.....	12	4	..	1	17
Mississippi.....	3	1	..	..	4
Missouri.....	15	3	..	1	19
Nebraska.....	3	6	..	1	10
New Hampshire.....	1	..	..	..	1
New Jersey.....	29	19	1	5	54
New Mexico.....	4	1	1	..	6
New York.....	69	33	1	12	115
North Carolina.....	10	1	..	1	12
North Dakota.....	..	..	..	1	1
Ohio.....	31	21	1	5	58
Oklahoma.....	5	5	..	..	10
Oregon.....	4	2	..	1	7
Pennsylvania.....	50	27	2	7	86
Puerto Rico.....	5	2	..	..	7
Rhode Island.....	7	4	..	..	11
South Carolina.....	5	..	..	1	6
South Dakota.....	..	2	..	..	2
Tennessee.....	11	5	..	..	16
Texas.....	26	9	1	1	37
Utah.....	3	3	..	1	7
Vermont.....	..	1	..	..	1
Virginia.....	13	3	1	2	19
Washington.....	9	6	1	..	16
West Virginia.....	4	3	1	1	9
Wisconsin.....	7	6	..	4	17
Totals.....	584	295	18	74	971

The total of 3,131 full-time directors of residency programs was an increase of 145 over the previous year. The number in affiliated hospitals increased by 243, while the number in non-affiliated hospitals decreased by 98. As a result, 70% of full-time program directors are in affiliated hospitals. This swing is similar to that for the previous year, and is undoubtedly related to the continued trend of hospitals to develop affiliations with medical schools.

With the decline in the number of approved programs in hospitals and the increase in the number of full-time directors of residency programs, the percentage of approved residency programs having full-time directors increased from 63% the previous year to 67% last year.

Table 21 has an additional column indicating the proportion of approved programs in each specialty represented by full-time program directors. As might be expected, general practice, with only 40% of programs having a full-time director, had the lowest percentage. There were seven specialties in which over 80% of the programs had full-time directors. The specialty of neurology was highest with 89% of programs having full-time directors. In the Annual Report for last year, this specialty had 82%, but was improperly reported in the narrative discussion under "Urology."

Table 20.—Directors of Medical Education by Specialty

Specialty	Full Time Salaried	Part Time Salaried	Full Time Non-Salaried	Part Time Non-Salaried	Totals
Anesthesiology	4	3	2	1	10
Colon and Rectal Surgery	..	..	1	..	1
Dermatology	1	1	..	1	3
General Practice	16	5	..	3	24
Internal Medicine	228	127	2	22	379
Neurological Surgery	..	..	..	..	..
Neurology	2	1	..	..	3
Obstetrics-Gynecology	10	11	1	9	31
Ophthalmology	3	..	1	3	7
Orthopedic Surgery	9	17	2	4	32
Otolaryngology	3	..	..	..	3
Pathology	18	13	3	9	43
Pediatrics	36	10	1	1	48
Pediatric Allergy	2	..	..	..	2
Pediatric Cardiology	..	..	..	..	..
Physical Med & Rehab.	5	4	..	..	9
Plastic Surgery	..	..	..	..	..
Psychiatry	107	18	..	1	126
Psychiatry-Child	13	5	..	..	18
Radiology	3	3	..	..	6
Surgery	57	41	4	15	117
Thoracic Surgery	5	7	..	1	13
Urology	6	6	..	1	13
Miscellaneous	56	23	1	3	83
Totals	584	295	18	74	971

Miscellaneous Data

The Consolidated List in the *Directory* contains a column identifying those hospitals having restrictions on the appointments of interns and residents. Questions on interns were answered by approximately 800 hospitals, of which five, or 0.6%, offered intern appointments to men only; 86, or 8%, limited appointments to U.S. citizens; and 56, or 7%, did not accept foreign medical graduates. Of the 1,412 hospitals questioned, only approximately 1,200 replied to the questions on residents. They indicated that 12, or 1%, restricted appointments to men; 129, or 10%, required U.S. citizenship; and 51, or 4%, did not accept foreign medical graduates.

As a service to the American Dental Association, the annual questionnaire includes questions on the availability of intern and resident appointments in dentistry. The responses from 1,250 hospitals indicated that dental intern appointments were available in 262, or 21%, with 559 dental interns on duty. For dental residencies, 1,241 hospitals reported that appointments were available in 206, or 17%, with 532 dental residents actually on duty.

Supply and Demand

In response to interest expressed by the House of Delegates, additional information has been included in this Annual Report since 1962 relating to supply and demand in the specialty fields in the United States. At the June, 1964, Annual Convention, the Reference Committee on Medical Education commented on the difficulty and complexity of attempting to define the terms "supply" and "demand" in an ever changing field such as medical practice.

Table 22 on distribution of physicians in the United States and Possessions, as of December 31, 1967, follows the same format and uses the same source of statistics as it did last year. The 1967 publication of the Department of Survey Research of the AMA is entitled "Distribution of Physicians, Hospitals, and Hospital Beds in the United States." In that report, Table 1 lists the federal and non-federal physicians in the United States and Possessions by specialty and activity, as of December 31, 1967. While there are slight differences in the way these data are combined, it enables an important comparison to be made as to general overall distribution of physicians by the ten leading specialties, including general practice. The data on straight internships have been combined with those for residents and fellows in

Table 21.—Full-Time Directors of Residency Programs

Specialty	In Affiliated Hospitals	In Non-Affiliated Hospitals	Total
Anesthesiology	127	49	176
Colon and Rectal Surgery	5	3	8
Dermatology	50	8	58
General Practice	19	44	83
Internal Medicine	211	79	290
Neurological Surgery	64	6	70
Neurology	79	6	85
Obstetrics and Gynecology	132	40	172
Ophthalmology	72	19	91
Orthopedic Surgery	89	29	118
Otolaryngology	64	9	73
Pathology	313	261	574
Pediatrics	137	46	183
Pediatric Allergy	18	1	19
Pediatric Cardiology	45	2	47
Physical Medicine	49	10	59
Plastic Surgery	28	9	37
Psychiatry	136	82	218
Psychiatry-Child	51	25	76
Radiology	157	74	231
Surgery	200	102	302
Thoracic Surgery	62	15	77
Urology	81	23	104
Totals	2,189	942	3,131

the AMA physicians' files, and the final column of Table 22 combines straight internships with residencies to indicate the percentage filled in each of those fields.

The table shows that, as for the previous year, 79% of the total physicians in the United States, both in practice and training, were in the ten listed specialties plus general practice. In these 11 fields, the 33,565 trainees on duty comprised 14% of all physicians in those fields, an increase of 1% over the previous year. Trainees in these 11 fields comprised 72% of the total of all trainees on duty as of December 31, 1966.

Although the total of 308,630 physicians represented an increase of 3% over the previous year, the total of 68,920 physicians in general practice was 22%, or 1% less than the previous year, of all physicians. Trainees in general practice comprised only 1% of all general practitioners, and these trainees made up only 1.5% of all trainees in all fields. The ten leading specialties fell in the same rank order as before, and for each specialty, the percentage of trainees in relation to total trainees was exactly the same as for last year. When trainees in each field are compared to the total of physicians

Table 22.—Distribution of Physicians in the U. S. and Possessions, December 31, 1967

Field of Practice	All Interns, Residents and Fellows					% of Internships and Residencies Filled in This Field
	All Physicians		% of Total M.D.'s in This Field		% of Total on Duty	
	Number	% of Total Physicians	No. on Duty	% of Total in This Field	% of Total on Duty	
General Practice	68,920	22	713	1	1.5	57
Internal Medicine	42,325	14	8,055*	19	17	86
Surgery	29,687	10	6,989*	24	15	88
Psychiatry	19,749	6	3,625	18	8	76
Obstetrics-Gynecology	17,964	6	2,667*	15	6	87
Pediatrics	17,348	6	3,232*	19	7	86
Radiology	10,727	3	1,993	19	4	83
Anesthesiology	9,630	3	1,296	13	3	75
Pathology	9,471	3	2,221*	23	5	56
Ophthalmology	9,083	3	1,247	14	3	96
Orthopedic Surgery	8,426	3	1,557	18	3	92
Totals	243,330	79	33,565	14	72	..
Others	65,300	21	13,291	20	28	..
Grand Totals	308,630*	100%	46,856	15%	100%	..

\*Includes Straight Internships

in those fields, there is again a very marked similarity to last year's figures, except that surgical trainees comprised 24% of all surgeons, an increase of 1%, while pediatrics gained 1%, radiology gained 2%, and psychiatry and pathology each decreased 1%, when compared to all physicians in those fields.

Again, the data for pathology stand out in striking contrast to the others. The 2,221 trainees in pathology comprised 23% of all the pathologists in the United States. Although pathologists comprised 3% of all physicians, pathology residents comprised 5% of all residents, nevertheless, the percentage of internships and residencies filled in the field of pathology was only 56%, the lowest of all fields, and this figure is 4% less than for the previous year. Thus, there is a great surplus of approved residencies in the field of pathology as compared to the other fields.

The proportions of trainees in each of the 11 fields, except the field of general practice, was greater, as compared to the total trainees, than were the corresponding proportions of these specialists as compared to all physicians. Thus, while surgeons represented 10% of all physicians, they represented 15% of all residents. While psychiatrists represented 6% of all physicians, they represented 8% of all residents. While general practitioners represented 22% of all physicians, they represented only 1.5% of all trainees. Furthermore, only 57% of the residencies in this field were filled.

**Physicians' Placement Service**

Each year, through the courtesy of the staff of the Physicians' Placement Service of the AMA Department of Health Education, additional data are provided which bear on the problem of supply and demand.

**Table 23.—Annual Statistical Report, Physicians' Placement Service**

	Physicians Seeking Opportunities		Opportunities Offered	
	Number	Percentage	Number	Percentage
<b>Total</b> .....	<b>2,546</b>	<b>100</b>	<b>3,229</b>	<b>100</b>
General Practice.....	241	10	969	30
Allergy.....	21	1	25	1
Anesthesiology.....	73	3	76	2
Dermatology.....	54	2	41	1
ENT-EENT.....	69	3	126	4
Internal Medicine.....	496	19	556	17
Miscellaneous*.....	184	7	318	9
Neuro-Surgery.....	24	1	18	1
Ob-Gyn.....	229	9	121	4
Ophthalmology.....	109	4	121	4
Orthopedics.....	94	4	117	4
Pathology.....	102	4	29	1
Pediatrics.....	138	5	275	9
Psychiatry & Neurology.....	86	3	101	3
Radiology.....	94	4	85	3
Surgery.....	434	17	176	5
Urology.....	98	4	75	2

\*Four principal categories are occupational medicine, pharmaceutical medicine, public health, school health.

Table 23 is a summary of registrations with the AMA Physicians' Placement Service, in which comparisons have been made between applications of physicians seeking placement and the opportunities to practice medicine as received from communities, institutions, and other organizations and individuals. For 1967, registrations totalled 5,775, with 2,546 applications processed from physicians seeking opportunities, and 3,229 opportunities for practice registered. This was a limited sample, and, therefore, may not accurately reflect conditions throughout the United States.

As for past years, the most apparent imbalances relating to undersupply were in the area of general practice, and to oversupply were in the area of surgery. In general practice, while 10% of the inquiries were from physicians, 30% of the opportunities were in that field. A similar, but much smaller

difference existed in pediatrics, where 5% of the inquiries were from physicians and 9% of the opportunities were in pediatrics. On the other hand, 17% of the registrants were surgeons, but only 5% of the opportunities were in surgery. In obstetrics-gynecology, there was 9% physicians with only 4% opportunities, and in pathology there were 4% physicians and only 1% opportunities.

As reported by the Physicians' Placement Service, most openings were for private practice situations (91%), and the most physicians applying (93%) were seeking opportunities of this nature. The number of physician registrants remained about the same, but the number of new openings increased by nearly 500 over the previous year. Most physicians applying were residing in New England, Middle Atlantic, or Midwestern states, were seeking their first location, were under 40 years of age, had fulfilled their military obligations, and were Board-eligible. Almost all the physicians, except the general practitioners, wanted group or association practice in communities of 100,000 to 500,000 population. Of those registered for general practice, 59% indicated interests in communities under 100,000 population. Even though formal placement services seldom exist at the county society level, the executive secretaries of the county medical societies can be extremely helpful in providing information about potential practice sites.

Among the special activities of the Physicians' Placement Service is liaison with the Sears Roebuck Foundation's Community Medical Assistance Program. During 1967, 22 communities secured physicians through this activity.

**Table 24.—Relation of Hospital Affiliation to U.S. Hospital Beds**

	Hospitals		Hospital Beds	
	Number of Hospitals	% of Total	Number of Beds	% of Total
Hospitals with Approved Programs:				
Major Medical School Affiliation.....	327	5	179,089	11
Limited Medical School Affiliation.....	174	2	101,849	6
Graduate Medical School Affiliation.....	130	2	59,817	4
No Medical School Affiliation.....	781	11	427,331	26
<b>Totals</b> .....	<b>1,412</b>	<b>20</b>	<b>768,086</b>	<b>46</b>
Hospitals without Approved Programs.....	5,760	80	903,039	54
<b>Grand Totals (A.H.A.)</b> .....	<b>7,172</b>	<b>100</b>	<b>1,671,125</b>	<b>100</b>

Two special programs are being conducted on a trial basis. The first activity was established in 1966, in an effort to locate positions suitable for physicians at retirement age, who wished to offer their services on a part-time or temporary basis. The second new activity, begun during 1967, is a pilot project, in cooperation with the American Urological Association, in development of a registry of vacancies and physicians seeking positions at the residency level in Urology. This program began officially April 1, 1968, with the cost underwritten by the AUA and the mechanics of the project administered by the AMA. It is too early to determine whether a placement service for urologic residents will be successful, but it was felt the matter deserved a fair trial as a basis for advice to specialists in other fields.

**Table 24A.—Hospital Affiliation with Medical Schools**

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
Hospitals with:								
Major affiliations.....	212	243	245	117	187	275	339	327
Limited Affiliations.....	142	130	135	118	116	141	137	174
Affiliation for Graduate Programs only.....	.....	.....	60	44	66	101	121	130
<b>Total Hospitals with Affiliations</b> .....	<b>354</b>	<b>373</b>	<b>440</b>	<b>389</b>	<b>369</b>	<b>517</b>	<b>607</b>	<b>631</b>
Hospitals without Affiliations.....	1,091	1,091	1,110	1,034	1,017	850	905	781
<b>Hospitals with Approved Programs</b> .....	<b>1,445</b>	<b>1,464</b>	<b>1,550</b>	<b>1,423</b>	<b>1,386</b>	<b>1,367</b>	<b>1,512</b>	<b>1,412</b>

**Hospital Facilities**

Tables 24, 24A, and 25 show the relationship of educational programs, medical school affiliation, and hospital beds in the United States hospitals. The data for total hospital beds and for total hospitals registered by the American Hospital Association were obtained from the August 1, 1968, Guide Issue of the AHA journal, "Hospitals."

For 1967, the American Hospital Association listed 7,172 hospitals, an increase of 12 over the previous year. The grand total of hospital beds was 1,671,125, or a decrease of 7,533 over the previous year.

The total of 1,412 hospitals with approved graduate educational programs was a decrease of 100 over the number reported for the previous year. Of this group, 631, or 45%, had medical school affiliations while 781, or 55%, did not.

This table indicates that 20% of United States hospitals had approved teaching programs, and these hospitals had 46% of the total beds in the nation. Thus, four fifths of the hospitals, and over one half the beds in the United States are in hospitals not having approved intern and resident training programs.

Table 24A on Hospital Affiliation with Medical Schools indicates a trend over the past eight years. For the year 1967-1968, there was a decline of 12 in the number of hospitals with major affiliation, but an increase in those with limited affiliation and those with affiliation for graduate programs, so that the total hospitals with affiliation increased by 24, or 4%, over the figure for the previous year. On the other hand, the total of hospitals without affiliation decreased by 124, or 14%, less than for the previous year. Over the eight-year period, the total of hospitals with approved programs decreased by 2%, and yet the hospitals with approved training programs that are affiliated with medical schools increased by 78%. The number of hospitals with approved programs, but without medical school affiliation was \$10, or 28% less than in 1961-1962.

Table 25 indicates that there has been a slight rise, 10%, in the hospitals with internships only, so that the 83 such hospitals comprised 6% of the total of hospitals with graduate educational programs. The hospitals with residencies only were reduced by 129, so the 577 such hospitals comprised

41% of those with graduate programs. The 752 hospitals with both internships and residencies thus represent 53% of hospitals with approved graduate education programs. In terms of percentage of teaching-hospital beds, only 2% of such beds are in hospitals with internships only, 52% in hospitals with residencies only, and 45% in hospitals with both internships and residencies.

Table 25.—Relation of Training Programs to U.S. Hospital Beds

	Hospitals		Hospital Beds		
	No.	% of Total	No.	% of Teaching Hosp. Beds	% of all Hosp. Beds
Hospitals with:					
Internships Only .....	83	6	17,712	2	1
Residencies Only .....	577	41	402,886	52	24
Internships and Residencies .....	752	53	347,487	45	21
Totals .....	1,412	100	768,086	100	46

**Present Status of Graduate Training Programs**

Table 26 tabulates the distribution of house officers in hospitals according to the location of the schools from which they graduated and the status of affiliation of the hospitals in which they are serving. A total of 43,928 interns and residents served in all hospitals with approved programs. The hospitals affiliated with medical schools secured 31,365, or 71%, of the total number, a difference over the previous year of 6% in favor of the affiliated hospitals. In the affiliated hospitals, interns accounted for 21% of the total house staff. In these hospitals, 23% of the graduates of U.S. and Canadian

Table 26.—Distribution of House Officers by Source of Medical Education

	Affiliated Hospitals			Non-Affiliated Hospitals		
	Schools in U.S. & Canada	Foreign Schools	All Schools	Schools in U.S. & Canada	Foreign Schools	All Schools
Interns .....	5,557	938	6,495	1,949	1,975	3,924
Residents .....	18,578	6,202	24,780	4,326	4,313	8,639
Totals .....	24,135	7,230	31,365	6,275	6,288	12,563

Table 27.—Status of Internship and Residency Programs in the United States

	Internships						Residencies							
	Total Offered	Total Filled	Filled by Non-foreign Graduates	Filled by Foreign Graduates	Filled Federal Services*		Total Vacant	Total Offered	Total Filled	Filled by Non-foreign Graduates	Filled by Foreign Graduates	Filled Federal Services*		Total Vacant
					VA	Other						VA	Other	
1967-1968	13,761	10,419	7,506	2,913	74	575	3,342	41,695	33,743	23,116	10,627	1,329	1,531	7,952
1966-1967	13,569	10,366	7,573	2,793	73	663	3,203	39,384	32,050	22,548	9,502	1,590	1,548	7,334
1965-1966	12,954	9,670	7,309	2,361	93	613	3,284	38,979	31,898	22,765	9,133	1,753	1,352	7,074
1964-1965	12,728	10,097	7,276	2,821	46	563	2,631	38,750	31,005	22,852	8,153	2,127	1,353	7,749
1963-1964	12,229	9,636	7,070	2,566	45	569	2,593	37,357	29,485	22,433	7,052	2,104	1,338	7,728
1962-1963	12,024	8,805	7,136	1,669	41	533	3,219	36,502	29,239	22,177	7,062	2,464	1,223	7,263
1961-1962	12,074	8,173	6,900	1,273	42	581	3,901	35,403	29,637	21,914	7,723	2,602	1,249	5,766
1960-1961	12,547	9,115	7,362	1,753	71	576	3,432	32,786	28,447	20,265	8,182	2,830	1,177	4,339
1959-1960	12,580	10,253	7,708	2,545	55	584	2,327	31,733	27,590	20,619	6,912	2,650	1,456	4,143
1958-1959	12,469	10,352	8,037	2,315	25	567	2,117	31,818	26,758	20,716	6,042	2,453	1,267	5,060
1957-1958	12,325	10,198	8,119	2,079	48	566	2,127	30,595	24,976	19,433	5,543	2,403	1,049	5,619
1956-1957	11,895	9,893	7,905	1,988	58	532	2,002	28,528	23,012	18,259	4,753	2,304	1,276	5,516
1955-1956	11,616	9,603	7,744	1,859	55	495	2,013	26,516	21,425	17,251	4,174	2,353	624	5,091
1954-1955	11,048	9,066	7,305	1,761	88	470	1,982	25,486	20,494	17,219	3,275	2,252	657	4,992
1953-1954	10,542	8,275	6,488	1,787	88	433	2,267	23,630	18,619	14,817	3,802	2,072	639	5,011
1952-1953	10,548	7,645	6,292	1,353	67	393	2,903	22,292	16,867	13,832	3,035	2,021	768	5,425
1951-1952	10,044	7,866	6,750	1,116	71	472	2,178	20,645	15,851	13,618	2,233	2,120	761	4,794
1950-1951	9,370	7,030	6,308	722	..	435	2,340	19,364	14,495	13,145	1,350	..	..	4,869
1949-1950	9,124	7,313	..	†	..	..	1,811	18,669	17,490	..	†	..	..	1,179
1948-1949	9,027	7,248	..	..	..	..	1,779	17,293	..	..	..	..	..	..
1947-1948	8,683	6,902	..	..	..	..	1,781	15,172	..	..	..	..	..	..
1946-1947	8,584	..	..	..	..	..	..	12,003	..	..	..	..	..	..
1945-1946	8,429	..	..	..	..	..	..	8,930	..	..	..	..	..	..
World War II														
1941-1942	8,182	..	..	..	..	..	..	5,256	..	..	..	..	..	..

\*Figures for filled Federal Services also included in three preceding columns.  
 †US Information and Educational Exchange Act of 1946, effective July 1949.  
 ‡P. L. 293—Jan. 3, 1946—Authorizing Residency Programs in VA.

medical schools serving as house officers were interns; of the foreign graduates serving as house officers, only 13% were interns. Furthermore, of all house officers on duty in the affiliated hospitals, 24,135, or 77%, were graduates of U.S. and Canadian schools, and 7,230, or 23%, were graduates of foreign schools.

Hospitals not affiliated with medical schools obtained 12,563, or 29%, of all available house officers. Of this total, 3,924, or 31%, were interns. U.S. and Canadian graduates comprised exactly 50% of all house officers in non-affiliated hospitals; and 31% of the U.S. and Canadian graduates were interns, and the same percentage of all the foreign graduates in this group of hospitals were interns.

The progressively more favorable performance of the affiliated hospitals was indicated by the fact that, of the 30,410 U.S. and Canadian graduates serving as interns and residents in all hospitals with approved programs, the 24,135 in affiliated hospitals represented 79%, whereas this figure the previous year was 72%. Out of the 13,518 graduates of foreign schools serving as interns and residents in all hospitals with approved programs, the 7,230 in affiliated hospitals represented 53%, as compared to the figure of 47% for the previous year. The total of U.S. and Canadian graduates increased by 528 over the previous year, while the total of foreign graduates increased by 1,242.

While foreign medical graduates comprised 14% of the interns in affiliated hospitals, they constituted 50% of the interns in non-affiliated hospitals. Of all foreign medical graduates serving in affiliated hospitals, 6,292, or 87%, served as residents; in the non-affiliated hospitals, the 4,313 foreign

graduates serving as residents comprised 69% of the foreign graduate house staff.

Table 27 is the cumulative table, showing the status of internships and residencies in the United States since World War II. This table and Table 10 are the only tables that include the total number of residencies offered and filled both in hospitals and outside of hospitals. The total number of positions offered, as of September 1, 1967, was 55,456, of which 44,162, or 80%, were filled. Chart I presents in graphic fashion the data recorded in Table 27.

Table 28.—Distribution of Trainees in Hospital Programs, September 1, 1967

	U.S. and Canadian Graduates	Foreign Medical Graduates	Totals
Interns .....	7,506 (22%)	2,913 (17%)	10,419 (20%)
Residents .....	22,904 (66%)	10,605 (64%)	33,509 (66%)
Other Trainees .....	4,135 (12%)	3,077 (19%)	7,212 (14%)
<b>Totals .....</b>	<b>34,545 (100%)</b>	<b>16,595 (100%)</b>	<b>51,140 (100%)</b>

Table 28 is a summary table, adding the category of other trainees to the categories of interns and residents, and tabulating them according to the source of their medical education. The total of 51,140 of these trainees from all sources is the first time that more than 50,000 trainees have been reported. The 34,545 U.S. and Canadian graduates comprised 68% of the total trainees on duty. As for the previous year, the interns on duty comprised 21% of the total, residents made up 66%, and other trainees made up 14%.

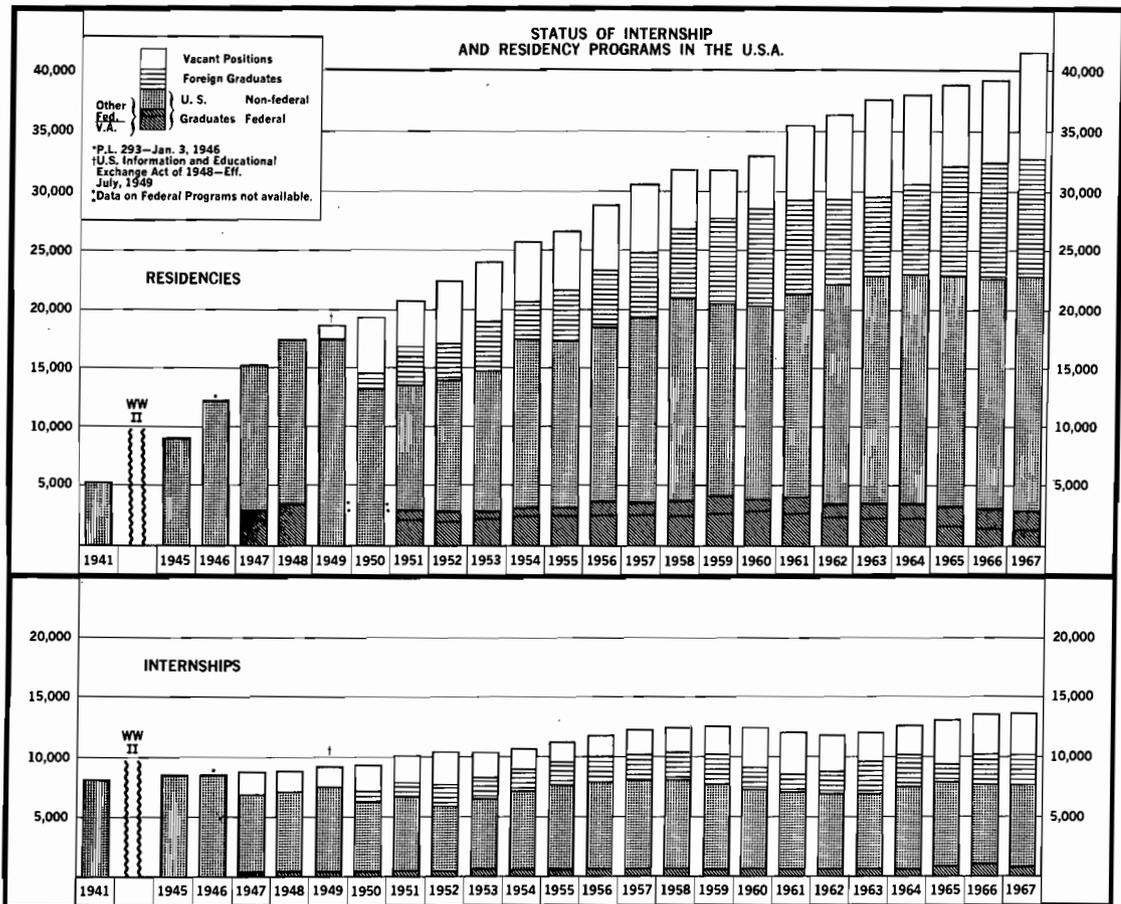


Chart I., Status of Internship and Residency Programs in the United States.

# Special Studies in Graduate Medical Education

## 1.—Intern Distribution Through the National Intern and Resident Matching Program

This is the second year that the data on intern matching from the NIRMP have been compared in order to analyze the choices of interns on a basis of the new and more flexible definition of the rotating internship. An additional distribution on straight internships was included for further analysis.

Table 1 contains the basic data on rotating and straight internships tabulated for all hospitals, those affiliated with medical schools, those not affiliated, and the federal services.

Table 2 is a similar analysis, arranged in the opposite direction, to indicate the success of recruitment for the three types of hospitals for the two types of internships. These tables indicate that, while the proportion of rotating and straight internships sought by affiliated hospitals was about even, the proportion sought by non-affiliated hospitals was 93% rotating, and 7% straight. For all hospitals, while 71% of the internships sought were rotating, only 59% of those matched were in this category.

Table 2 indicates that the affiliated hospitals sought 36% of the rotating internships and matched 51% of interns choosing that category. The non-affiliated hospitals sought 58% of the rotating internships, but matched only 39% choosing that category.

Table 3 indicates that whereas the federal hospitals matched 92% of the positions sought the year before last, they sought the same number for last year, but matched only 84%.

Table 4 lists the 13 categories of rotating internships, and general and family practice, and two-year programs, which were listed in the *Directory*, plus the five straight internship categories not tabulated last year. Of the internships offered,

95% were in the first four categories, as were 95% of those matched in these rotating type positions. For straight internships, 74% of those offered were in the first two listed, while 91% were in the first three of medicine, surgery, and pediatrics. For straight internships matched, 78% were in medicine and surgery, while 96% were in medicine, surgery and pediatrics.

These percentage distribution figures were quite similar to those for the previous year, indicating that, although the increased flexibility of rotating internships with majors in a variety of areas seemed to please both the candidates and the program directors, the actual number of interns seeking such positions was low. Of course, within the category of Rotating<sup>9</sup>, may be listed any of the other areas of major emphasis for individual interns, so the actual distribution of the 1,668 interns matched to this category is difficult to determine.

As for the year before, the category of rotating with a major in anesthesiology proved to be the least popular, and the fewest positions offered were in this specialty.

Table 5 is similar to Table 4, except that it groups the pilot programs in family practice and general practice and the two-year internships into one category, known as "two-year programs." Straight internships were added to this table also for better comparison of the over-all performance. To this table is added a footnote explaining the general nature of rotating internships with reference to the area of major emphasis.

While there was some variation in percentage from category to category, it will be noted that the affiliated hospitals matched 65% of the rotating positions offered and 80% of the

Table 1.—Numbers Sought and Matched by Types of Internships

Types of Internships	NUMBERS SOUGHT							
	All Hospitals		Affiliated Hospitals		Non-Affiliated Hospitals		Federal Services	
	Sought	% of Total Sought	Sought	% of Total Sought	Sought	% of Total Sought	Sought	% of Total Sought
Rotating.....	10,280	71%	3,701	49%	5,983	93%	596	96%
Straight.....	4,287	29%	3,807	51%	452	7%	28	4%
Totals.....	14,567	100%	7,508	100%	6,435	100%	624	100%

Types of Internships	NUMBERS MATCHED							
	All Hospitals		Affiliated Hospitals		Non-Affiliated Hospitals		Federal Services	
	Matched	% of Total Matched	Matched	% of Total Matched	Matched	% of Total Matched	Matched	% of Total Matched
Rotating.....	4,726	59%	2,397	44%	1,823	90%	506	97%
Straight.....	3,281	41%	3,058	56%	207	10%	16	3%
Totals.....	8,007	100%	5,455	100%	2,030	100%	522	100%

Table 2.—Number Sought and Matched by Type of Hospital

HOSPITALS	TYPES OF INTERNSHIPS SOUGHT						TYPES OF INTERNSHIPS MATCHED					
	Total Sought		Rotating Sought		Straight Sought		Total Matched		Rotating Matched		Straight Matched	
	Number	(%)	Number	(%)	Number	(%)	Number	(%)	Number	(%)	Number	(%)
Affiliated.....	7,508	52	3,701	36	3,807	89	5,455	68	2,397	51	3,058	93
Non-Affiliated.....	6,435	44	5,983	58	452	10	2,030	25	1,823	39	207	6
Federal Services.....	624	4	596	6	28	1	522	7	506	10	16	1
Totals.....	14,567	100	10,280	100	4,287	100	7,977	100	4,726	100	3,281	100

Table 3.—Numbers Sought and Matched, by Type of Hospital

Types of Internships	ALL HOSPITALS			AFFILIATED HOSPITALS			NON-AFFILIATED HOSPITALS			FEDERAL SERVICES		
	Sought	Matched	(%)	Sought	Matched	(%)	Sought	Matched	(%)	Sought	Matched	(%)
Rotating.....	10,280	4,726	46%	3,701	2,397	65%	5,983	1,823	30%	596	506	85%
Straight.....	4,287	3,281	77%	3,807	3,058	80%	452	207	46%	28	16	57%
Totals.....	14,567	8,007	55%	7,508	5,455	73%	6,435	2,030	32%	624	522	84%

straight internship positions offered, while the non-affiliated hospitals matched 30% of the rotating and 46% of the straight internships sought.

2.—Salaries by Sponsorship

Table 6 is an attempt to determine average starting salaries for interns and residents in both affiliated and non-affiliated hospitals according to their grouping as to Federal, Governmental Non-federal, Nongovernmental Nonprofit, and Proprietary.

There is always a statistical hazard in reporting average salaries in this manner, because extremes tend to skew averages, but this is an initial attempt to see if salary differences in the various kinds of hospitals can be detected.

Salaries in the uniformed forces of the Federal Government are paid on a basis of military rank, and therefore are not related to the educational level of the assignment of the intern or resident. Also, in the Veterans Administration residency programs, the average for the very large number of affiliated hospitals is higher than the average for the small number of non-affiliated hospitals. A similar difference was

Table 4.—Types of Internships Sought and Matched, by Programs

Rotating Internships	Major Emphasis	Number Sought	Total Programs		% of Total Matched
			% of Total Sought	Number Matched	
Rotating <sup>0</sup>	None	3,987	39	1,735	37
Rotating <sup>1-8</sup>	Varied	3,686	36	1,668	35
Rotating <sup>2</sup>	Surgery	1,459	14	719	15
Rotating <sup>1</sup>	Medicine	627	6	383	8
Rotating <sup>4</sup>	Pediatrics	153	1	72	2
Rotating <sup>3</sup>	Obstetrics-Gynecology	141	1	49	1
Rotating <sup>5</sup>	Psychiatry	57	1	42	1
General Practice	Pilot Program	38	0.4	9	—
Rotating <sup>6</sup>	Pathology	33	0.3	11	—
Rotating <sup>7</sup>	Radiology	33	0.3	15	—
Family Practice	Pilot Program	26	0.3	10	—
Rotating <sup>8</sup>	Anesthesiology	23	0.2	7	—
Rotating <sup>00</sup>	2 year programs	17	0.2	6	—
Total Rotating Internships		10,280	100.0%	4,726	100.0%
Straight Internships					
	Medicine	2,036	47	1,711	52
	Surgery	1,146	27	852	26
	Pediatrics	734	17	572	17
	Obstetrics-Gynecology	48	1	16	1
	Pathology	323	8	130	4
Total Straight Internships		4,287	100%	3,281	100%

Table 5.—Numbers Sought and Matched by Types of Internships

Rotating Internships	Code	ALL HOSPITALS			AFFILIATED HOSPITALS			NONAFFILIATED HOSPITALS			FEDERAL SERVICES			
		Sought	Matched	(%)	Sought	Matched	(%)	Sought	Matched	(%)	Sought	Matched	(%)	
Rotating <sup>0</sup>	11	3987	1735	44	1407	1005	71	2580	730	28	—	—	—	
Rotating <sup>1-8</sup>	20	3686	1668	45	1216	735	60	2256	774	34	214	159	74	
Rotating <sup>2</sup>	13	1459	719	49	364	190	52	713	182	26	382	347	91	
Rotating <sup>1</sup>	12	627	383	61	389	289	74	238	94	39	—	—	—	
Rotating <sup>4</sup>	14	153	72	47	113	65	58	40	7	18	—	—	—	
Rotating <sup>3</sup>	15	141	49	35	94	49	52	47	—	0	—	—	—	
2-year Programs	—	81	25	31	22	9	41	59	16	27	—	—	—	
Rotating <sup>6</sup>	76	57	42	74	39	28	72	18	14	78	—	—	—	
Rotating <sup>7</sup>	86	33	11	38	22	9	41	11	2	18	—	—	—	
Rotating <sup>8</sup>	42	33	15	45	20	12	60	13	3	23	—	—	—	
Rotating <sup>00</sup>	77	23	7	30	15	6	40	8	1	13	—	—	—	
Total Rotating		10280	4726	46	3701	2397	65	5983	1823	30	596	506	85	
Straight Internships														
	Medicine	32	2036	1711	84	1780	1565	81	238	132	55	18	14	78
	Surgery	33	1146	852	74	996	804	81	140	46	33	10	2	20
	Pediatrics	34	734	572	78	698	554	79	36	18	50	—	—	—
	Pathology	36	323	130	40	290	119	41	33	11	33	—	—	—
	Obstetrics-Gynecology	35	48	16	33	43	16	37	5	—	0	—	—	
	Total Straight	—	4267	3281	77	3807	3058	80	452	207	46	26	16	57
Grand Total:		—	1,4567	8,007	55	7,508	5,455	73	6,135	2,030	33	624	522	84

Types of Rotating: Rotating<sup>0-4</sup>—4 or 5 months on Medicine; 2 or 3 months on other rotations.  
 Rotating<sup>1-8</sup>—More than one type of rotating offered under single NIRMP code number.  
 Rotating<sup>2</sup>—4 to 6 months on Medicine; at least 4 months on Surgery.  
 Rotating<sup>1</sup>—6 to 8 months on Medicine; elective assignments of at least 2 month's duration.  
 Rotating<sup>4</sup>—4 to 6 months on Medicine; at least 4 months on Pediatrics.  
 Rotating<sup>3</sup>—4 to 6 months on Medicine; at least 4 months on Obstetrics-Gynecology.  
 Rotating<sup>5</sup>—4 to 6 months on Medicine; at least 4 months on Psychiatry.  
 Rotating<sup>6</sup>—4 to 6 months on Medicine; at least 4 months on Pathology.  
 Rotating<sup>7</sup>—4 to 6 months on Medicine; at least 4 months on Radiology.  
 Rotating<sup>8</sup>—4 to 6 months on Medicine; at least 4 months on Anesthesiology.  
 2-Year Programs—include 2-year Rotating<sup>00</sup> and Pilot General Practice and Family Practice Programs.

Table 6.—Average Salaries

	Internships						Residencies					
	Affiliated		Non-Affiliated		Total		Affiliated		Non-Affiliated		Total	
Control	Av. Salary	No. of Progs.	Av. Salary	No. of Progs.	Av. Salary	No. of Progs.	Av. Salary	No. of Progs.	Av. Salary	No. of Progs.	Av. Salary	No. of Progs.
<b>Federal</b>												
U.S. Air Force	N/A		N/A		N/A		N/A		N/A		N/A	
U.S. Army	N/A		N/A		N/A		N/A		N/A		N/A	
U.S. Navy	N/A		N/A		N/A		N/A		N/A		N/A	
U.S.P.H.S.	N/A		N/A		N/A		N/A		N/A		N/A	
Veterans Admin.	\$5,541	20	\$.....	.....	\$5,541	20	\$5,741	575	\$5,573	38	\$5,726	613
Other Federal	6,000	1	7,574	1	6,787	2	7,253	2	8,703	8	8,414	10
Totals		21		1		22		577		46		623
<b>Governmental</b>												
<b>Non-Federal</b>												
State	4,547	214	4,474	8	4,545	222	5,826	641	7,698	111	6,102	752
County	5,376	122	5,946	57	5,527	173	6,502	290	7,095	73	6,629	363
City	4,969	106	5,236	40	5,048	146	5,750	249	6,380	84	5,903	333
City-County	4,600	11	8,100	2	5,139	13	5,154	63	5,452	3	5,168	66
Hospital District	4,363	11	4,500	2	4,375	13	.....	.....	6,280	23	6,280	23
Totals		464		103		567		1,243		294		1,537
<b>Non-Governmental</b>												
<b>Non-Profit</b>												
Church Related	5,830	343	5,654	414	5,735	757	6,348	450	6,223	445	6,285	895
Non-Profit Corp.	5,685	554	5,670	602	5,677	1,156	6,171	1,271	6,298	854	6,223	2,125
Totals		897		1,016		1,913		1,721		1,299		3,020
<b>Proprietary</b>												
Individ. Partnership	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corporation	.....	0	4,800	1	4,800	1	6,750	4	8,180	5	7,533	9
Miscellaneous	5,030	92	5,035	79	5,032	171	5,944	157	6,794	57	6,194	214
Totals		92		80		172		161		62		223
Grand Totals		1,474		1,200		2,674		3,702		1,701		5,403

noted for affiliated hospital internships in state hospitals, with the average for the large number of such hospitals higher than the average for the very small number of non-affiliated state hospital internship programs.

For the largest group of Nongovernmental Nonprofit hospitals, the Church-related hospitals, the salaries paid for both internships and residencies were somewhat higher in the affiliated hospitals than in the non-affiliated. For internships, the average salaries in the Nongovernmental Nonprofit group of hospitals was higher than for most of the other groups. At the residency level, however, this difference was not apparent.

Another detailed study of internship and residency salaries in affiliated and non-affiliated hospitals, according to individual state, is inconclusive and therefore will not be published. The "average" salary in any particular state may be the result of a very peculiar distribution over a wide range, and therefore, the only useful state comparison would be a table for each state, similar to Table 15, in the preceding section. This would be too voluminous for publication. Individuals wishing to study distribution of internship salaries between two or more states would do well to make their own tabulations from the published intern lists. Because residency salaries vary between different specialties, studies of residency salaries should be limited to individual specialties and, again, can be easily tabulated from the lists in the *Directory*, to record the ranges and compare them state by state.

#### Foreign Medical Graduates

This is the third year for which additional data on foreign medical graduates have been available through the data-processing resources of the AMA Circulation and Records Department. These data are maintained and reported as of December 31, 1967, and therefore, are not included with the other data in the Annual Report, which are obtained on the basis of a questionnaire as of September 1, 1967. There is, nevertheless, close agreement between these two sets of data, in spite of the fact that the data from the Circulation and Records Department may include some physicians in fellowship training or non-approved programs. These data do provide a satisfactory base for determining the source of foreign graduates according to the countries in which their schools of graduation are located.

Last year a table was published showing the distribution of foreign graduate trainees by origin of medical education, with countries listed from Afghanistan through Yugoslavia. While these data are again available as of December 31, 1967, arranged according to interns and residents by country, it has been determined that the full list would not be published, although specific data on any country may be obtained on request.

Table 7 is an elaboration of the table published last year, showing the countries which contributed 75% of all foreign medical graduates to U.S. training programs. This new table lists the performance over the past five years of the 15 countries contributing 75% or more of all foreign medical graduate trainees. As of December 31, 1967, the total of all foreign medical graduate trainees reported was 14,828, with 2,699, or 18%, interns and 12,129, or 82%, as residents. For this same period the 15 countries contributed 11,553 trainees, comprising 78% of the total. Since 1963, the Philippines and India have contributed increasingly larger numbers of trainees, presently contributing 37.4% of the total.

The countries making the most significant gains over the five-year period were Formosa and Korea. Formosa was ranked 21st, and contributed 139, or 1.5%, of the total trainees in 1963, and is now ranked sixth, contributing 455, or 3.1%, of the total foreign graduate trainees in 1967. Over the same period of time, Italy and Switzerland have contributed progressively less, both quantitatively and proportionately.

The Far Eastern countries continue to predominate in numbers of foreign medical graduates. The Philippines, India, Korea, Thailand, Formosa, and Pakistan have contributed over 50% of the total in the past two years, as contrasted to approximately 36% five years ago.

#### Citizenship and Visa Status of Foreign Medical Graduates

When the Circulation and Records Department files produced the data on interns and residents as to graduation from U.S. or foreign medical schools as to visa status, a third set of totals were derived, which are somewhat larger because of classification difficulties. They serve, however, to compare certain data not otherwise available. The records were reported and tabulated separately as Interns and Residents, Table 8; Trainees, Table 8A; and Interns and Residents, plus Trainees, Table 8B.

Table 8 on Interns and Residents indicates that, as of December 31, 1967, there were 31,231 U.S. graduates and

Table 8.—Visa Status of Interns and Residents

U.S. Graduates	No Visa	Permanent	Exchange-Visitor	Other	Total
U.S. Citizen .....	28,450	1	—	4	28,455
Foreign Citizen .....	2	86	54	2,634	2,776
<b>Totals .....</b>	<b>28,452</b>	<b>87</b>	<b>54</b>	<b>2,638</b>	<b>31,231</b>
<b>Foreign Graduates</b>					
U.S. Citizen .....	1,372	17	5	3	1,397
Foreign Citizen .....	22	2,871	9,856	1,581	14,330
<b>Totals .....</b>	<b>1,394</b>	<b>2,888</b>	<b>9,861</b>	<b>1,584</b>	<b>15,727</b>
<b>Grand Total .....</b>					<b>46,958</b>

Table 7.—Foreign Countries with Medical Schools Contributing Graduates to U.S. Graduate Programs As of December 31

Country	1967		1966		1965		1964		1963	
	Rank	Total No. of Trainees % of Total	Rank	Total No. of Trainees % of Total	Rank	Total No. of Trainees % of Total	Rank	Total No. of Trainees % of Total	Rank	Total No. of Trainees % of Total
Philippines .....	1	3,774 25.5	1	3,517 25.6	1	3,037 24.5	1	2,702 24.1	1	2,102 22.1
India .....	2	1,771 11.9	2	1,468 10.7	2	1,261 10.2	2	1,110 9.9	2	647 6.8
Korea .....	3	1,013 6.8	3	805 5.9	4	560 4.5	12	276 2.5	13	203 2.1
Iran .....	4	654 4.4	4	612 4.5	3	570 4.6	3	631 5.6	3	604 6.3
Thailand .....	5	646 4.4	5	531 3.9	7	393 3.2	13	287 2.4	15	185 1.9
Formosa .....	6	455 3.1	13	329 2.4	15	258 2.1	15	198 1.8	21	139 1.5
Argentina .....	7	445 3.0	7	446 3.3	6	439 3.5	5	397 3.5	9	322 3.4
Cuba .....	8	414 2.8	6	462 3.4	5	480 3.9	4	474 4.2	4	423 4.4
Mexico .....	9	410 2.8	8	385 2.8	9	377 3.0	6	381 3.4	7	351 3.7
Spain .....	10	377 2.5	9	371 2.7	11	343 2.8	8	352 3.1	10	283 3.0
Germany .....	11	355 2.4	10	360 2.6	8	391 3.2	9	327 2.9	8	346 3.6
Colombia .....	12	345 2.3	11	347 2.5	12	339 2.7	11	323 2.9	11	238 2.5
Pakistan .....	13	306 2.1	15	288 2.1	14	261 2.1	14	228 2.0	16	162 1.7
Italy .....	14	290 2.0	12	345 2.5	10	372 3.0	7	367 3.3	6	380 4.0
Switzerland .....	15	289 1.9	14	297 2.2	13	321 2.6	10	326 2.9	5	386 4.1
<b>Total of 15 Countries ..</b>		<b>11,553 77.9</b>		<b>10,583 77.1</b>		<b>9,402 75.9</b>		<b>8,359 74.5</b>		<b>6,771 71.1</b>
Other Countries .....	(50)	3,275 22.1	(62)	3,146 22.9	(61)	2,992 24.1	(61)	2,850 25.5	(61)	2,758 28.9
<b>Total Trainees .....</b>		<b>14,828 100%</b>		<b>13,709 100%</b>		<b>12,394 100%</b>		<b>11,209 100%</b>		<b>9,529 100%</b>

Source: AMA Physicians File.

15,727 foreign medical graduates, for a total of 46,958 interns and residents. This is contrasted with a total of 43,928 total of interns and residents in the Annual Report. Of the 31,231 graduates of United States schools serving as interns or residents, 2,776, or 9%, were foreign citizens. There were 17 Canadians in this group of graduates of U.S. schools. Of the 15,727 foreign medical graduates serving as interns or residents on December 31, 1967, 1,397, or 9%, were United States citizens. There were 369 Canadian citizens in this group.

Table 8A.—Visa Status of Trainees

U.S. Graduates	No Visa	Permanent	Exchange-Visitor	Other	Total
U.S. Citizen	3,056	—	—	—	3,056
Foreign Citizen	2	5	4	109	120
<b>Totals</b>	<b>3,058</b>	<b>5</b>	<b>4</b>	<b>109</b>	<b>3,176</b>
<b>Foreign Medical Graduates</b>					
U.S. Citizen	497	—	—	—	497
Foreign Citizen	9	372	359	222	962
<b>Totals</b>	<b>506</b>	<b>372</b>	<b>359</b>	<b>222</b>	<b>1,459</b>
<b>Grand Total</b>					<b>4,635</b>

Table 8A of Trainees, Other than Interns and Residents, indicates that there was a total of 4,635, of which 3,176, or 69%, were graduates of U.S. schools and 1,459, or 31%, were graduates of foreign medical schools. Of the graduates of U.S. schools, serving as trainees, only 120, or 4%, were foreign citizens. For the graduates of foreign medical schools serving as trainees, 497, or 34%, were U.S. citizens.

Table 8B combines the totals of interns and residents, plus other trainees, indicating that of the 51,593 total, 17,186, or 33%, were graduates of foreign medical schools. This compares with 32% of this category, as reported in the Annual Report earlier. Of the 34,407 graduates of United States schools, 2,896, or 8%, were foreign citizens. Of the 17,186 graduates of foreign medical schools, 1,894, or 11%, were United States citizens. While 20 Canadians graduated from United States schools, a total of 447 Canadians graduated from foreign medical schools.

Table 8B.—Visa Status of Interns & Residents Plus Trainees

U.S. Graduates	No Visa	Permanent	Exchange-Visitor	Other	Total
U.S. Citizen	31,508	1	—	4	31,511
Foreign Citizen	4	91	58	2,743	2,896
<b>Totals</b>	<b>31,510</b>	<b>92</b>	<b>58</b>	<b>2,747</b>	<b>34,407</b>
<b>Foreign Medical Graduates</b>					
U.S. Citizen	1,899	17	5	3	1,894
Foreign Citizen	31	3,243	10,215	1,803	15,292
<b>Totals</b>	<b>1,900</b>	<b>3,260</b>	<b>10,220</b>	<b>1,806</b>	<b>17,186</b>
<b>Grand Total</b>					<b>51,593</b>

In the above tables, the visa status was indicated as "No visa," "Permanent," or "Exchange Visitor." Of the total of 17,186 foreign medical graduates, 3,260, or 19%, has Permanent Visas, and 10,220, or 59%, were Exchange Visitors.

Distribution of Physicians

Included in this section are five tables and one chart, based on the December 31, 1967, data contained in the AMA physicians' files, as compiled by the AMA Department of Survey Research. The publication entitled, "Distribution of Physicians, Hospitals, and Hospital Beds in the U.S., 1967" is currently available, while the publication entitled, "Distribution of Medical School Alumni, 1967" will be available in the fall of 1968. These data are included here as a supple-

Table 9.—Distribution of Physicians in U.S. and Possessions by Origin of Medical Education, as of December 31, 1967

	Total Physicians	Trainees		American Board Certified	
		Number	%	Number	%
U. S. Medical School Graduates	256,536	31,231	12.1	88,250	34.4
Canadian Medical School Graduates	6,600	899	13.6	2,097	31.8
Foreign Medical School Graduates	46,347	14,828	31.9	6,512	14.5
<b>Totals</b>	<b>309,483</b>	<b>46,958</b>	<b>15.1</b>	<b>96,859</b>	<b>31.3</b>

ment to the section in the Annual Report on "Supply and Demand." They provide additional data as to distribution of physicians by origin of medical education, including Board certification; distribution by major professional activity; distribution by specialty; distribution by hospitals, hospital beds, and population, including a distinction between federal and non-federal categories. An additional table indicates the distribution of medical students by census division, as of September 1, 1967. These totals of graduates as of June 30, 1967, and division of students among the four medical school classes are the same as those reported in the JAMA Education Number for November 20, 1967. This table permits an analysis of the relationship between the number of medical schools and the number of medical graduates in each of the census divisions, as compared to the numbers of physicians practicing in those same divisions.

Table 10.—Distribution of Physicians in U.S. and Possessions by Major Professional Activity, as of December 31, 1967

	Total Physicians	Federal		Non-Federal	
		Number	%	Number	%
Total Patient Care	274,190	24,917	9.1	249,273	90.9
Solo, Partnership, Group, or other practice	190,079	—	—	190,079	100.0
Interns	10,549	681	6.4	9,868	93.6
Residents & Fellows	36,307	3,585	9.9	32,722	90.1
Full-Time Hospital Staff	37,255	20,651	55.4	16,604	44.6
Administration	4,121	1,392	33.8	2,729	66.2
Medical School Faculty	11,166	—	—	11,166	100.0
Research	4,595	1,243	27.1	3,352	72.9
<b>Totals</b>	<b>*294,072</b>	<b>27,552</b>	<b>9.4</b>	<b>266,520</b>	<b>90.6</b>

\*Excludes 15,411 physicians classified as inactive, address unknown and temporary foreign.

Table 11.—Distribution of Physicians in U.S. and Possessions by Specialty, as of December 31, 1967

	Total Physicians	Federal		Non-Federal	
		Number	%	Number	%
General Practice	68,920	3,490	5.1	65,430	94.9
Medical Specialties (A, CD, D, GE, IM, PD, PDA, PDC, PUD)	68,927	7,812	11.3	61,115	88.7
Surgical Specialties (GS, NS, OBG, OPH, ORS, OTO, PS, CRS, TS, U)	82,192	6,906	8.4	75,286	91.6
Other Specialties (AM, ANES, CHP, DR, FOP, N, OM, P, PATH, and others)	74,033	9,344	12.6	64,689	87.4
<b>Totals</b>	<b>*294,072</b>	<b>27,552</b>	<b>9.4</b>	<b>266,520</b>	<b>90.6</b>

\*Excludes 15,411 physicians classified as inactive, address unknown, and temporary foreign.

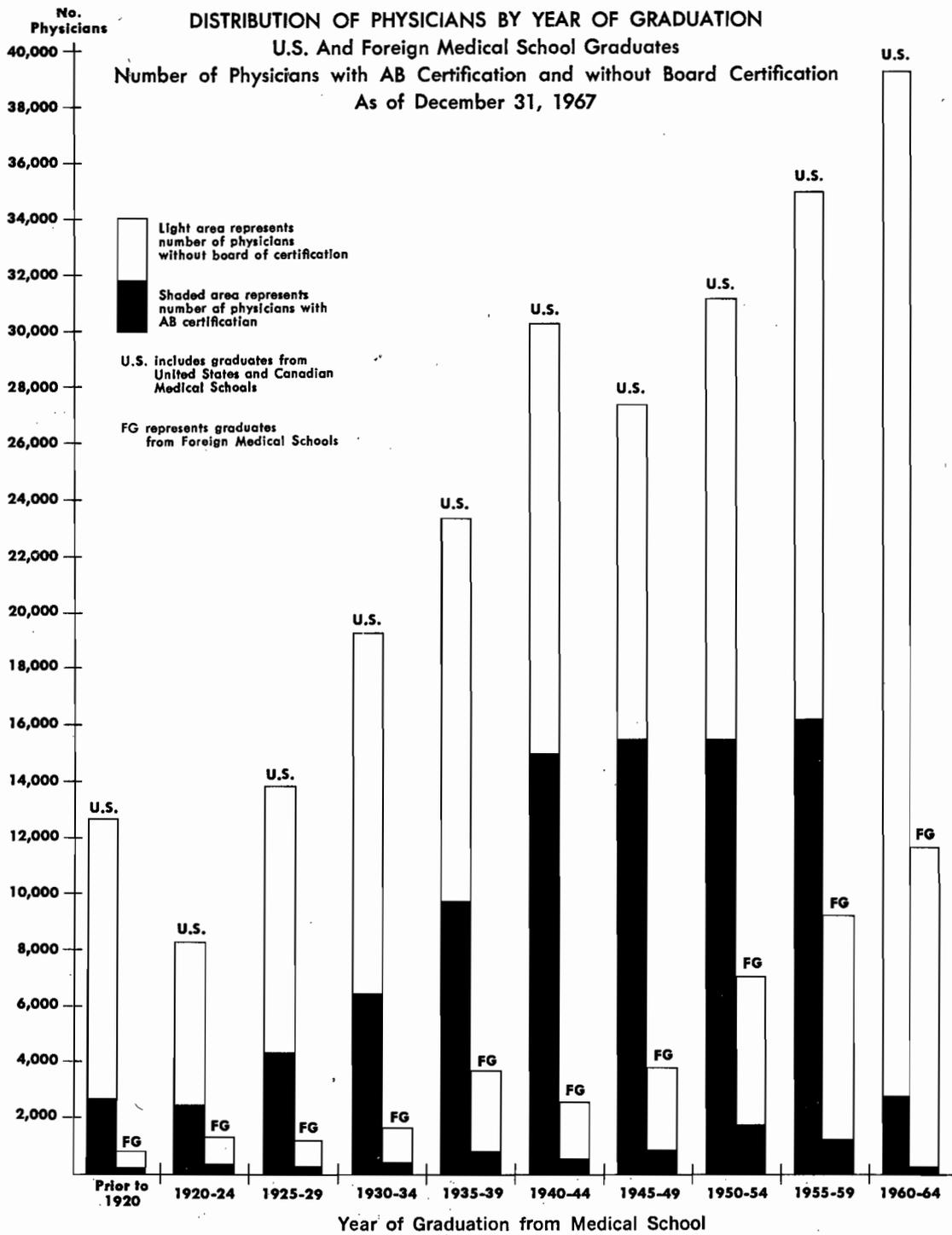
Chart I on Distribution of Physicians by Year of Graduation compares the distribution of United States and foreign medical graduates with or without specialty board certification, grouped as totals graduated during successive five-year periods from 1920 through 1964. One column represents the period prior to 1920, while the remaining nine columns represent the 45-year record for all live physicians recorded in the AMA physicians' files as of December 31, 1967. At the bottom of the chart is a table reflecting the actual percentage figures for physicians with American Board specialty certification as recorded in the chart above. See page 24.

# GRADUATE MEDICAL EDUCATION

## DISTRIBUTION OF PHYSICIANS BY YEAR OF GRADUATION

U.S. And Foreign Medical School Graduates

Number of Physicians with AB Certification and without Board Certification  
As of December 31, 1967



### Percent of Physicians with American Specialty Board Certification

Prior to 1920	1920-24		1925-29		1930-34		1935-39		1940-44		1945-49		1950-54		1955-59		1960-64	
21.2	16.8	29.3	18.2	30.5	17.2	33.5	20.8	41.4	21.9	49.4	21.0	56.6	22.9	49.8	25.3	46.4	14.8	

Above data made available from "Distribution of Medical School Alumni, 1967" publication, Survey Research Department.

It will be noted that the period between 1920 and 1940 included the years during which the majority of American specialty boards were established. The American Board of Colon and Rectal Surgery and the Board of Thoracic Surgery were both activated in 1949. Thus, for each five-year period, a larger number of graduates and a larger percentage secured specialty board certification. The totals of foreign graduates and of foreign physicians certified remained low throughout this period. For the four periods between 1940 and 1960, the chart reveals a striking similarity in the total number of U.S. graduates certified for each five-year period. During this period, there was a steady increase in the total numbers

of foreign medical graduates in the United States, with a somewhat similar increase in the number certified. The column for the five-year period from 1960 to 1964, while showing the largest totals for United States graduates and foreign physicians, shows a very low total of physicians in both groups actually certified, as many of those graduates are still in military service, still in training, or still discharging their practice requirements prior to establishing eligibility for certification examination.

The above tables have been extracted from the manuals produced by the AMA Department of Survey Research, to bring to the attention of recent medical school graduates, as

Table 12.—Distribution of Physicians, Hospitals, Bed and Population by Census Division

	Total	Physicians		*a Hospitals			*a Hospital Beds			*b Resident Population Number		
		Federal Number	%	Non-Federal Number	%	Total	Federal	Non-Federal	Total		Federal	Non-Federal
New England (Conn., Me., Mass., N.H., R.I. & Vt.)	20,743	1,328	6.4	19,415	93.6	420	25	395	120,999	9,341	111,658	11,281,700
Middle Atlantic (N.J., N.Y. & Pa.)	67,578	3,128	4.6	64,450	95.4	903	35	868	385,742	26,700	359,042	36,723,800
East North Cent. (Ill., Ind., Mich., Ohio & Wisc.)	49,510	2,330	4.7	47,180	95.3	1,180	37	1,143	336,104	24,097	312,007	38,912,800
West North Cent. (Iowa, Kan., Minn., Mo., Neb., N. Dak. & S. Dak.)	19,777	1,377	6.9	18,400	93.1	895	45	850	140,312	13,741	126,571	16,042,200
South Atlantic (Del., D.C., Fla., Ga., Md., N. Car., S. Car., Va. & W. Va.)	41,433	6,610	15.9	34,823	84.1	915	77	838	234,543	34,900	199,643	29,262,500
East South Cent. (Ala., Ky., Miss. & Tenn.)	12,928	1,187	9.2	11,741	90.8	551	25	526	98,883	13,286	85,597	12,852,700
West South Cent. (Ark., La., Okla., & Tex.)	21,066	2,896	13.7	19,170	86.3	935	58	877	178,834	18,828	110,006	18,911,400
Mountain (Ariz., Colo., N. Mex. & Utah)	10,505	1,263	12.0	9,242	88.0	442	58	384	50,306	8,336	41,970	7,974,300
Pacific (Cal., Hawaii, Ore. & Wash.)	43,803	3,896	8.9	39,907	91.1	919	65	854	182,935	23,776	159,159	25,249,100
Possessions (Canal Zone & P.R.)	5,729	3,537	61.7	2,192	38.3	70	9	61	11,861	1,951	9,910	
<b>Totals</b>	<b>*294,072</b>	<b>27,552</b>	<b>9.4</b>	<b>266,520</b>	<b>90.6</b>	<b>**97,160</b>	<b>425</b>	<b>6,735</b>	<b>**1,678,658</b>	<b>173,005</b>	<b>1,505,653</b>	<b>*b197,210,500</b>

\*Excludes 15,411 physicians classified as inactive, address unknown and temporary foreign.

\*a—data from "Hospital Guide Issue," Part 2, AHA, August 1, 1967.

\*b—Data from Sales Management's 1967 Population Est., 1/1/67.

Table 13.—Distribution of Medical Students by Census Division as of September 1, 1967

Census Division	No. of Medical Schools	No. of Graduates (7-1-66 to 8-30-67)	Total	Number of Medical Students			
				1st year	2nd year	3rd year	4th year
New England (Conn., Me., Mass., N.H., R.I., & Vt.)	6	439	1,876	497	467	468	444
Middle Atlantic (N.J., N.Y., & Pa.)	18	1,695	7,273	1,944	1,820	1,803	1,706
East North Central (Ill., Ind., Mich., Ohio, & Wisc.)	13	1,488	6,424	1,096	1,626	1,598	1,504
West North Central (Iowa, Kan., Minn., Mo., Nebr., N. Dak., & S. Dak.)	9	766	3,383	923	871	813	776
South Atlantic (Del., D.C., Fla., Ga., Md., N. Car., S. Car., Va., & W. Va.)	17	1,265	5,436	1,481	1,389	1,294	1,272
East South Central (Ala., Ky., Miss., Tenn.)	7	534	2,361	675	604	546	536
West South Central (Ark., La., Okla., & Texas)	7	754	3,131	839	794	739	759
Mountain (Ariz., Colo., N. Mex., & Utah)	3	136	643	182	163	162	136
Pacific (Calif., Hawaii, Ore., & Wash.)	8	622	2,681	664	711	682	624
Possession (Puerto Rico)	1	44	215	63	58	50	44
<b>Totals</b>	<b>*89</b>	<b>7,743</b>	<b>33,423</b>	<b>8,964</b>	<b>8,503</b>	<b>8,155</b>	<b>7,801</b>

\*Includes Approved Schools of Basic Medical Science.

Table 14.—Percentage of Foreign Medical Graduates on House Staff

	0-25%	26-50%	51-75%	76-100%	Total reporting
<b>Internships</b>					
Hospitals—Number.....	368	49	33	254	704
Hospitals (all) %.....	52%	7%	5%	36%	327
Affiliated %.....	73%			14%	
Non-Affiliated %.....	33%			55%	377
<b>Residencies</b>					
Hospitals—Number.....	423	151	105	311	990
Hospitals (all) %.....	43%	15%	11%	31%	462
Affiliated %.....	54%			13%	
Non-Affiliated %.....	31%			75%	528

well as other trainees and program directors, the existence of these excellent sources of information as to distribution of activities of physicians.

#### Other Special Studies Based on Annual Questionnaire

As electronic data-processing resources in AMA Headquarters improve, they are utilized more effectively in analysis of certain questions included in the annual questionnaire, on data not previously collected. In the last annual questionnaire, information has been secured and tabulated on the following areas:

1. Home care programs.
2. Appointment of osteopathic physicians to hospital attending staffs.
3. Analysis of the nature of emergency room visits.
4. Distribution of interns and residents on a basis of school and country of graduation.

#### Participation of Hospitals in Home-Care Programs

This question was first asked for the previous year, when less specific data were secured. Replies were received from 1,257 hospitals: 43% of these were affiliated with medical schools, and 57% were not affiliated. A total of 344 hospitals, or 27%, indicated that home-care programs were in effect, and of these, 156, or 45%, were affiliated hospitals. Of the total of 545 responses from affiliated hospitals, 156, or 29%, were affirmative; while from the 712 non-affiliated hospitals, 188, or 26%, were affirmative.

Table 15.—Percentage of House Staff graduated in same state

	0-25%	26-50%	51-75%	76-100%	Total reporting
<b>Number of</b>					
Hospitals with					
Internships.....	344	131	64	106	645
<b>Percentage of</b>					
Hospitals.....	53%	20%	10%	17%	
<b>Number of</b>					
Hospitals with					
Residencies.....	537	187	116	97	937
<b>Percentage of</b>					
Hospitals.....	57%	21%	12%	10%	

The responses indicated a wide variety of departments involved in home-care problems, and of all hospitals responding affirmatively, involvement of "all departments" was reported for 25% of the affiliated hospitals, and 39% of the non-affiliated. The Department of Internal Medicine was involved in 14% of both the affiliated and the non-affiliated hospitals. "Miscellaneous departments" were reported involved by 31% of the affiliated hospitals and 36% of the non-affiliated. Among the departments specified by individual hospitals were nursing service, social service, non-clinical and other ancillary services, long-term care of geriatrics, urology, obstetrics-gynecology, ophthalmology, and pediatrics.

Further study, according to hospital sponsorship, indicated

some hospitals in all categories have now established home-care programs. There was no particular association of home-care programs with hospital bed size.

#### Osteopathic Physicians on Hospital Attending Staffs

For the second year, questions were asked as to appointment of osteopathic physicians to hospital attending staffs, and responses were received from 1,240 hospitals. Of these, 240, or 19%, indicated osteopathic physicians were eligible for attending staff appointment. Of this total, 102, or 43%, were hospitals affiliated with medical schools, while 138, or 57%, were not affiliated.

Of the affiliated hospitals, only 12, or 12%, had actually appointed osteopaths to the staff; while, for the non-affiliated group, 48, or 35%, had actually appointed osteopaths to the staff. Thus, of 240 teaching hospitals declaring osteopaths eligible for attending staff appointment, only 60, or 25%, had actually made such appointments.

When these 240 hospitals were analyzed according to control, it was discovered that the largest group was the 110 federal hospitals. The seven hospitals which had actually appointed osteopaths to the attending staffs comprised only 6% of the federal hospitals in which they were eligible. There were only 41 eligible non-federal government hospitals, and for these 11, or 20%, had made such appointments. In the 87 non-governmental hospitals reporting eligibility, there were 42, or 48%, which had actually made appointments of osteopaths to the attending staff. Twelve states reported such appointments as contrasted to eight states the year before. The 295 osteopathic physicians appointed to the attending staffs in these states were distributed as follows: North Carolina 1, Texas 1, Colorado 2, Delaware 2, Hawaii 2, Washington 3, Kentucky 4, Indiana 6, California 23, Michigan 34, New Jersey 103, and Pennsylvania 114.

Of the 295 physicians, the departmental appointments were documented for 281 as follows: Internal Medicine 122, General Practice 66, Pediatrics 27, Obstetrics-Gynecology 23, Surgery 13, Psychiatry 9, "All Departments" 7, Radiology 6, "Miscellaneous" 5, Orthopedic Surgery 4, Anesthesiology 3, Otolaryngology 3, Pediatric Cardiology 1, and Urology 1.

Data were not secured on the other 80% of United States hospitals not having AMA approved internship or residency programs, and there may be many other attending staff appointments of osteopaths in such non-teaching hospitals. The increase of 78 osteopaths last year, as compared to the year before, represents an increase of 36%. It will be noted that four states accounted for 93% of all the osteopathic appointments, with Pennsylvania and New Jersey accounting for 74% and California and Michigan accounting for 19%.

#### Analysis of Emergency Room Visits

The questionnaire asked for identification of emergency room visits on a basis of "True Emergencies," "Proportion Trauma," "Proportion Surgical," and "Proportion Non-Surgical." The answers were recorded in increments divided according to quarters of the total. They were also tabulated according to status of hospital affiliation by bed size, and by sponsorship.

Responses from 885 hospitals stated the degree to which the total emergency room visits consisted of "True Emergencies." In 70% of the affiliated hospitals, it was felt that true emergencies comprised not over 50% of the total emergency room visits. From the non-affiliated hospitals, 61% reported that true emergencies comprised between 25% and 75% of the visits. When this question was studied according to hospital control, it was discovered that for approximately 50% of the federal hospitals, true emergencies were 25% or less of all emergency room visits. For non-federal government hospitals, 62% reported true emergencies comprised less than 50% of all the visits, while from the non-governmental hospitals, by far the largest group, 63% reported that true emergencies comprised between 25% and 75% of the visits. This would

confirm what is already known about lack of use of federal government hospitals for true emergencies. In only 15% of both the non-federal government and non-governmental hospitals, was it reported that true emergencies comprised more than 75% of emergency room visits.

For the categories both of visits due to trauma and visits of a surgical nature, three fourths of the hospitals reported that such visits comprised less than 50% of total emergency room visits. In each case the proportion was slightly higher in the non-affiliated than in the affiliated hospitals. When these two categories were studied according to hospital control, it was again found that in the federal hospitals, visits due to these causes were less than 25% of all visits in nearly one-half the hospitals, and they comprised less than 50% of all visits in over 80% of the non-federal government hospitals and in 70% of the non-government hospitals.

Study of the responses on non-surgical categories of emergency room visits indicated that for three-fourths of both the affiliated and the non-affiliated hospitals, non-surgical visits comprised between 25% and 75% of the emergency room visits. This same range for non-surgical emergency was reported by 77% of the non-governmental hospitals, by 62% of the non-federal government hospitals, and by 64% of the federal hospitals.

#### **Distribution of Interns and Residents by Site of Graduation**

Two of the items on the questionnaire concerned the percentage of foreign medical graduates on the intern and resident staffs, and two others sought to determine what percentage of the U.S. graduates were products of medical

schools in the same state as the hospital. The results are subject to the usual limitations: in some instances the questions were not answered, and in others they were obviously incorrectly answered. However, it is felt that the results showed certain trends, as well as some notable exceptions.

Table 14 indicated that there was a tendency toward a marked predominance of either U.S. graduates or with relatively few house staffs evenly divided between them. Roughly one third of the institutions reported that 75% to 100% of their physicians in training graduated from schools outside the U.S. and Canada. When the figures are broken down by states, it was apparent that many states had very few foreign medical graduates, while in others the opposite was true. Among the latter are Connecticut, Illinois, New Jersey, New York, Pennsylvania and Rhode Island.

The summary of results in response to the question on percentages of house staff graduated from schools in the same state is given in Table 15. Again, when broken down by states, there were many exceptions to the general trend. Particularly interesting were those states which showed a marked predominance of in-state graduates: Alabama, Arkansas, Indiana, Louisiana, Nebraska, Oklahoma, and Wisconsin. All of these are one or two-school states which are, relatively speaking, rural rather than urban. It was interesting that New York, with its ten schools available, showed a pattern typical of the country as a whole, as did also the District of Columbia and Massachusetts, with three schools each.

With minor exceptions, the country-wide statistics showed little difference in the patterns of interns and residents in these two regards.

# Special Reports, Announcements, and Notices

## 1. INTERNSHIPS

### A. Present Status of Internship

In the preceding section on "Special Studies," the second detailed analysis is reported of the distribution of the various types of internships, on a basis of data from the NIRMP. Note that the National Intern Matching Program was reorganized as the National Intern and Resident Matching Program, but this will not alter the manner in which the intern matching operates.

No change was made in the definition of rotating internships, but steps have been taken to inaugurate during the coming year review of some internship programs by the related Residency Review Committees. New questionnaires have been devised for use at the time internship programs are surveyed by field representatives of the Department of Graduate Medical Education. These questionnaires are intended to facilitate statistical and performance reporting by both the hospital personnel and the field representatives for all types of internships. They also represent an attempt to evaluate the hospital as an educational institution.

### B. Early Starting Date for Internships

As was announced last year, a special symbol has been used to identify those internships which routinely begin in advance of the customary July 1 starting date.

A special problem has been identified relating to a much earlier starting date in those instances where shortening of the medical school curricula and acceleration of schedules in this country have permitted some medical students to complete their required course work several weeks to months before the graduation date for their particular schools. Accordingly, a memorandum was issued on July 30, 1968, on the subject of "Legality of Internship Prior to Graduation from Medical School," stating that such individuals may be appointed if the following obligations are carried out by the hospital:

1) It is necessary that the appropriate hospital officials contact the appropriate state board of licensure to ascertain whether it is permissible in that particular state for interns to accept appointments and to assume responsibility for patient care as physicians on a basis of having qualified legally for the M.D. degree prior to the date upon which it is officially awarded, and

2) If the legal requirements in a particular state can be satisfied, as above, then the hospital has the obligation to the intern to report these facts to the Physicians' Records Section of the AMA Circulation and Records Department, so that the biographical record of each intern will show clearly that his service prior to receipt of the M.D. degree was fully creditable as an internship."

## 2. SPECIALTY BOARD POLICIES

### A. Internal Medicine and Pediatrics

The *JAMA* for May 27, 1968, carried an announcement on p. 779, entitled: "Requirements for Examination by both the American Board of Pediatrics and the American Board of Internal Medicine," stating:

In 1967 these two Boards agreed that candidates are eligible for examination and subsequent certification by both Boards if they complete one of the following programs involving a minimum of four years of approved house officer training:

1. Straight pediatric internship, one year of pediatric residency and two years of residency in internal medicine; or,

2. Straight medical internship, one year of residency in internal medicine, and two years of pediatric residency; or,

3. Internship other than straight pediatric or straight medical, two years of pediatric residency, and two years of residency in internal medicine.

## 3. REVISION OF "ESSENTIALS"

As a result of favorable action at the June, 1968, Annual Convention of the American Medical Association House of Delegates, the "Essentials of Approved Residencies" were revised, with particular reference to the special requirements in the fields of anesthesiology, physical medicine and rehabilitation, psychiatry, and general practice. These revisions have been made in the reprints of the "Essentials" now available.

In the memorandum of July 8, 1968, announcing these

changes to all hospitals with approved graduate training programs, additional instructions were included as to the manner in which hospitals could begin planning for family practice programs, in anticipation of a possible revision in the Essentials, to include a new category of family practice. It is possible these new Essentials will be ready for submission to the AMA House of Delegates at the December, 1968, Clinical Convention.

The memorandum of July 8, 1968, on the subject of general practice and family practice residencies stated:

Presently approved residency programs in general practice may be modified in accordance with these Essentials without further reference to this Department or to the Residency Review Committee.

Encouraging progress is being made in the development of an additional set of "Essentials" for three-year programs in family practice which would include the present intern year and two subsequent residency years in one fully coordinated, three-year continuum. It is possible that these may be ready for submission to the House of Delegates at the December, 1968, AMA Clinical Convention.

Even though "Essentials" for family practice programs are not in existence at this time, hospitals having both approved rotating internships and two-year general practice residency programs are free to organize such programs into a planned continuum, and to develop brochures for local use, describing such programs as preparing candidates for entry into family practice.

The Directory of Approved Internships and Residencies will not yet carry any specific identification for those hospitals organizing and offering such three-year programs leading to family practice. The present listing of rotating internships under the internship section and of general practice residencies under the residency section will be necessary until new "Essentials" in family practice have been approved by the House of Delegates.

If such "Essentials" are available by December, 1968, instructions will be issued whereby programs organized and operating as three-year family practice programs may be submitted for review by early February, 1969. It will be difficult to include such programs in the NIRMP by that late date, so candidates for such programs should still expect to apply to the rotating internships, using the code number for the existing rotating internships. By the following year, it should be possible to add a new category to the NIRMP program entitled "family practice," carrying its own code number, but in reality involving a matching to a three-year program, rather than to a one-year internship.

As in the past, trainees in programs such as this will have the privilege of withdrawing at the end of the first year, and receiving full credit for a rotating internship in the event they decide upon a change in the direction of their careers.

## 4. RESIDENCY REVIEW COMMITTEE POLICIES

### A. Internal Medicine

On March 11, 1968, a revised Guide for Residency Programs in Internal Medicine was distributed to all program directors, along with two memoranda relating to Review Committee policies. Memorandum A, on the requirements for training in the broad field of internal medicine stated:

In the case of an applicant entering your program from another hospital, either as a first-year or more senior resident, you must bear in mind the need for each individual to fulfill Board requirements, and tailor his assignments accordingly. This has particular reference to the 24 months of training in the broad field of internal medicine with responsibility for patient care, to which experience during internship will be credited by the Board. Primary patient responsibility obtains when, during a period of training in internal medicine predominantly devoted to clinical experience, the applicant directs the total care of the majority of the patients for whom he has responsibility, under supervision of the attending staff. The Committee believes with regard to the definition of the broad field of internal medicine, a specialty resident consulting on a general medical ward does not have primary responsibility for these patients.

Residents completing the full three years of an approved program will have satisfied the requirement; those who elect to concentrate in a subspecialty after one or two years of the program (Plan A2 or A3) will have to pay particular attention to the "broad field" provision.

Memorandum B, on outside affiliation, outlined the following policies:

1. All rotations to outside hospitals, of whatever duration, should be reported. Such hospitals should have, at the minimum, approval by the Joint Commission on Accreditation of Hospitals.

2. Rotational blocks of three months or less do not require formal prior approval by the Committee. Rotations up to six months require prior approval but not survey prior to approval.

3. If a rotation is to occupy six months or more, the affiliating hospital should be surveyed by a field representative of the Council on Medical Education.

4. In general, the Committee deems it inadvisable for parent hospitals to establish outside affiliations of a total of more than 12 months of the approved 36.

#### B. Obstetrics and Gynecology

The Residency Review Committee for Obstetrics and Gynecology was reorganized as a tripartite committee, to include representatives of the Council on Medical Education, the American Board of Obstetrics and Gynecology, and the American College of Obstetricians and Gynecologists.

#### C. Pediatrics

A revised Guide for Residency Programs in Pediatrics has been prepared and will be distributed this fall, with the approval by the parent bodies of the Residency Review Committee for Pediatrics.

#### D. General Surgery

##### 1. Three-year programs

In the 1967-68 Directory, an announcement was published stating that the Conference Committee on Graduate Education in Surgery and its three sponsoring bodies—the American Board of Surgery, the American College of Surgeons, and the Council on Medical Education of the American Medical Association—had agreed upon the following policy relating to Type II (three-year) residencies in Surgery:

1. No new applications for Type II (three-year) programs will be accepted after June 30, 1968, and,
2. Approval of all Type II (three-year) programs will be discontinued by June 30, 1972.

This action assures that, while no new applications are currently being accepted, all currently approved three-year programs have until June 30, 1972, nearly four years, to take the steps necessary to reorganize to meet the requirements for approval as Type I (four-year) programs.

##### 2. Guide published

The Guide for Residency Programs in General Surgery was revised by the Conference Committee on Graduate Education in Surgery, and has been distributed to all program directors.

#### E. Urology

During the past year, the Residency Review Committee for Urology was reorganized as a tripartite committee, representing the Council on Medical Education of the American Medical Association, the American Board of Urology, and the American College of Surgeons.

#### F. Training Programs in Respiratory Diseases

As announced last year, the American Thoracic Society is publishing in the "American Review of Respiratory Disease," once a year, a list of training opportunities in respiratory disease.

The current listing was published in the American Review of Respiratory Disease, Vol. 6, No. 3, September, 1967.

As stated previously, the listing carries no implication of approval of a program by the American Thoracic Society nor by the American Board of Internal Medicine, although, according to its long-established policy, the American Board of Internal Medicine may in individual instances credit certain portions of training received in institutions on this list.

Correspondence regarding the list should be carried on directly with the American Thoracic Society, Division of Medical Education, 1740 Broadway, New York, New York 10019.

#### 5. POLICIES REGARDING FAMILY PRACTICE PROGRAMS

In addition to the memorandum cited in paragraph 3, above, the hospitals sponsoring the pilot programs in family practice and general practice were advised that these categories were being dropped from the *Directory of Approved Internships and Residencies* for 1968-69. Each hospital was given the option of continuing to be listed as offering an internship

plus a general practice residency, and of offering training in family practice, as described in the above memorandum of July 8, 1968. This action was taken in anticipation of early submission and approval of new Essentials for Family Practice programs, hopefully by the time of the December, 1968 House of Delegates meeting.

#### 6. RESIDENCY APPOINTMENT PROCEDURES

##### A. Uniform Appointment Dates

Procedures for appointment of first-year residents on a uniform date have been developed in the specialties of internal medicine and pediatrics. The date for appointment of residents in both specialties is approximately November 15. The program for pediatric residencies is being coordinated by the Association of Medical School Pediatric Department Chairmen. The program in internal medicine was established by the Association of Professors of Medicine in 1967. That organization was convinced the program should be continued and extended to all hospitals with approved residencies in internal medicine. Accordingly, the American Medical Association was asked to assume administrative responsibility for the program. Two memoranda were accordingly issued by the Department of Graduate Medical Education. The first, dated June 12, 1968, stated:

In June, 1965, the AMA House of Delegates expressed concern over the trend toward early appointment of interns to residency positions and directed the matter be studied in order to establish a standard date of appointment.

In November, 1966, the House of Delegates directed that the Council on Medical Education enlist the cooperation of all appropriate specialty groups for the voluntary establishment of a uniform date for appointment of interns to first-year residencies, and that this date be set not earlier than approximately November 15.

In 1967, the Association of Professors of Medicine assumed the role of sponsor and coordinator of a program of uniform appointment date for first-year residencies in internal medicine, which included all university hospitals and certain other hospitals which joined the plan voluntarily.

The experience of the members of the Association of Professors of Medicine was that the program should be continued, but extended to all hospitals with approved residencies in internal medicine.

This memorandum announces certain specific details, including dates and categories of residency candidates excluded from the plan. Further details on participation in the plan by the individual hospitals, the mechanisms of resident appointment, and the provision of posters for announcing participation will be furnished in the near future.

The second one, issued July 17, 1968, stated:

On June 12, 1968, a notice on the above subject was mailed, describing certain details of the plan, including dates and categories of residency candidates excluded from the plan. Further details on participation, mechanism for appointment, and provision of posters were promised in the near future.

The present memorandum now supplies these details, including a form to indicate intent to participate.

A number of inquiries about the June 12 memorandum were received, with special reference to an additional group of candidates to be exempted from the November 15 date. This is principally the group of foreign graduates who will complete their internships and be eligible for duty as residents shortly after November 15, and, in many cases, January 1, 1969.

Accordingly, all interns who have finished their internships and become eligible for duty as residents between November 15, 1968, and June 15, 1969, are exempted from the uniform appointment plan.

There is no prescribed mechanism for offering residency appointments to interns, other than the standard methods of personal contact, telephone, telegram, or letter. The method to be used should be determined locally in relation to the specific situation in each case.

Those hospitals expressing a desire to participate voluntarily in the plan will receive a poster which will serve for local announcement of participation in the plan by the hospital involved.

Each hospital expressing a desire to participate voluntarily in the plan received two copies of the following poster:

This hospital subscribes to the following plan for appointment of first year residents in Internal Medicine:

1. Appointments will not be offered before Friday, November 15, 1968.
2. Interns must accept the residency not later than noon on Tuesday, November 19, 1968.
3. The following groups are exempt from the plan:
  - a. Candidates who have completed an internship prior to June 30, 1968, and who are in fellowship training, in the Armed Forces, in the Public Health Service, etc.
  - b. Prospective residents going directly into specialty programs in neurology or dermatology.

- c. Candidates for appointment to second and third year residencies.
- d. Candidates who have finished their internships and become eligible for duty as residents between November 15, 1968 and June 15, 1969.

This is a voluntary plan, initiated by the Association of Professors of Medicine, and widely endorsed by other hospitals not affiliated with universities. Its purpose is to permit the individual intern to be more deliberate in his decision as to field of additional graduate medical education, as well as to afford him more time in order to demonstrate his qualifications for appointment to a residency.

#### B. Residency Matching Programs

Residency Matching Programs in both pediatrics and psychiatry were discontinued for 1968 by the sponsoring groups. After several years of intensive planning, the American Academy of Orthopaedic Surgeons inaugurated a residency matching program in 1968, for programs to begin in 1969. The American Academy of Orthopaedic Surgeons is handling all matters relating to publicity and agreements with hospitals. The NIRMP processes the applicants for the residency and performs the mechanical matching procedure. Between December 16, 1968 and January 1, 1969, the matching program results will be made known to both the applicants and the program directors.

On July 1, 1968, officials of the Student American Medical Association distributed a memorandum to representatives of all specialties, stating that, at its annual meeting in 1968, the SAMA House of Delegates voted to seek implementation of residency matching programs for the appointment of first-year residents. The Student AMA also distributed packets of informational material, including previous publications and presentations on resident matching programs, and through its Student AMA Committee on Medical Education, intends to pursue this subject with vigor.

#### 7. FOREIGN MEDICAL GRADUATES WHO ARE UNITED STATES CITIZENS

On July 20, 1967, a memorandum was distributed on an important change in policy, relating to eligibility for appointment to AMA approved internships and residencies of foreign medical graduates who are United States citizens.

Because of misinterpretation of this policy in a few instances, it was necessary to issue a clarifying memorandum on March 25, 1968, to indicate that a foreign medical graduate is defined in terms used by the Educational Council for Foreign Medical Graduates.

The present policy of the American Medical Association on eligibility of foreign medical graduates for appointment to approved internships or residencies is restated as follows:

Graduates of all medical schools outside the United States and Canada should establish their eligibility for appointment to an approved internship or residency program through:

A. Certification by ECFMG on a basis of satisfying the ECFMG educational requirements, as well as passing the ECFMG examination, or

B. Obtaining a full and unrestricted license to practice medicine, issued by a state or other United States jurisdiction authorized to license physicians, or

C. In the case of United States citizens, successfully passing the complete licensure examination in any state or other licensing jurisdiction in which the law or regulations provide that a full and unrestricted license to practice medicine in that state or jurisdiction will be issued to the physician after satisfactory completion of his internship or residency in that state, without further examination.

#### 8. PILOT PROGRAM IN RESIDENCY PLACEMENT

The Physicians' Placement Service, of the AMA Department of Health Education, has undertaken, on a pilot basis, the establishment of a "Registry" for residencies in urology. The service will list approved residency programs in urology in which there are vacancies, and will also accept names of potential residents in urology who are seeking appointment to a residency program.

This is not a "Matching Program" and does not change in any way the manner in which residencies in urology are currently filled or sought.

It is simply a service intended to help program directors who find that they unexpectedly have a vacancy in their

program, and to help residents who find that they have not yet been appointed to an approved program.

The service is being undertaken, as indicated above, on a pilot basis, and covers only residencies in urology. The Physicians' Placement Service does not list openings in other residency programs, and does not attempt to find such openings for potential residents.

#### 9. PROFESSIONAL LIABILITY INSURANCE FOR THE INTERN AND RESIDENT

On July 8, 1968, a memorandum was sent to all hospitals with approved programs, indicating the availability of reprints of an article under the above title, published in the *JAMA* for July 5, 1965. A form was provided by which the hospital could request as many copies of the reprint as it wished without charge, for distribution to the hospital house staff.

#### 10. OSTEOPATHS AND AMA APPROVED PROGRAMS

Inquiries as to eligibility of osteopaths for participation in AMA approved internships and residencies continue to increase, coming from both program directors and from osteopathic medical students and recent graduates of osteopathic schools. While this matter is still under active consideration by AMA committees, as well as having been considered by a Reference Committee at the June, 1963 Annual Convention, there has been no change in the policy as stated in the Essentials, with reference to eligibility of osteopaths for appointment as interns and residents.

The present policy is restated, as first published in the Education Number of *The JAMA*, Vol. 82:799, November 17, 1962:

The policy announced in *The Journal* for September 2, 1961, is reaffirmed, that osteopaths who do not hold the M.D. degree may serve on hospital staffs without jeopardy to the status of approved internships and residencies, as long as they are not appointed to the "teaching staffs" of such hospitals. Furthermore, graduates of schools of osteopathy who do not hold M.D. degrees are not eligible for appointment in internships or residencies approved by the Council on Medical Education of the American Medical Association.

#### 11. INDEX TO SIGNIFICANT POLICIES AND OTHER STATEMENTS ON GRADUATE MEDICAL EDUCATION

Introduction.—This index is intended to facilitate identification of the significant policy developments in the field of Graduate Medical Education over the past 11 years. Prior to 1961, an issue of *The JAMA* was identified as the Internship and Residency Number of *The Journal*. In 1961, with alteration of the format of the *Directory of Approved Internships and Residencies*, it was no longer possible to include the *Directory* in an issue of *The Journal*. As a result, the first 24 pages comprising the Annual Report for 1960-1961 were not published in *The Journal*, and will only be found in medical libraries if the entire *Directory* was bound or filed with Vol. 177 of *The Journal*.

Since 1962, after discontinuance of the Internship and Residency Number, the Annual Reports have been included in the Education Number of *The Journal*, and are also published in the *Directory*, along with a section on Special Reports, Announcements, and Notices. Many statements in these sections relate to policies of the AMA and other organizations.

Accordingly, the following index to the *JAMA* refers either to the Internship and Residency Numbers prior to 1961, the *Directory of Approved Internships and Residencies* for 1961, or the Education Number of *The Journal* from 1962 through 1968:

1. Affiliation Between Hospitals and Medical Schools.
  - a. Policy on Identifying Hospital Affiliation with Medical Schools. *JAMA* 194:788, Nov. 15, 1965.
2. Clinical Records Forms.
  - a. Utilization of Short Form Clinical Record in Teaching Hospitals. *JAMA* 194:787, Nov. 15, 1965.
3. Director of Medical Education.
  - a. Hospital Director of Medical Education. Editorial. *JAMA* 171:845, Oct. 10, 1959; *JAMA* 177:641, Sept. 2, 1961.

- b. Functions and Status of Director of Medical Education.  
JAMA 177: 614-619, Sept. 2, 1961;  
JAMA 192:1055-1060, June 21, 1965.
4. Economic Factors in Graduate Medical Education.
- a. Special Report on Stipends, Maintenance, Health, and Malpractice Insurance.  
JAMA 171:671, Oct. 10, 1959;  
JAMA 174:578, Oct. 8, 1960;  
JAMA 177:6,9, Sept. 2, 1961.
- b. What Price Whistles. Editorial.  
JAMA 174:572, Oct. 8, 1960.
- c. Moonlighting—Policy of Pennsylvania State Board of Medical Education and Licensure.  
JAMA 194:789, Nov. 15, 1965.
- d. "Sunlighting"  
JAMA 202, Nov. 20, 1967.
- e. Economic Factors in Graduate Medical Education. Editorial.  
JAMA 177:23, Sept. 2, 1961.
- f. Policy on Outside Employment of Interns and Residents.  
JAMA 177:17, Sept. 2, 1961.
- g. AMA Policy Statement on Financial Support of Interns and Residents.  
JAMA 177:16, Sept. 2, 1961. (Directory of Approved Internships and Residencies);  
JAMA 190:631, Nov. 16, 1964.
- h. Costs and Financing of Graduate Training Programs.  
JAMA 177:13-14, Sept. 2, 1961. (Directory of Approved Internships and Residencies).
- i. Financial Assistance for Graduate Study in Medicine.  
JAMA 194:788, Nov. 15, 1965.
- j. Compensation of House Officers—Special Report of Council on Medical Service and Council on Medical Education. Proceedings of the House of Delegates, June 16-20, 1963, pp. 76-80.
- k. Joint Report of Council on Medical Education and Council on Medical Service on Graduate Medical Education and Remuneration of House Officers. Proceedings of House of Delegates, Nov. 28-30, 1966, pp. 165-170.  
JAMA 202, Nov. 20, 1967.
5. Externships.
- a. Externships for Foreign Medical Students.  
JAMA 194:782-783, Nov. 15, 1965; Memorandum, April 4, 1966. JAMA 198:900, Nov. 21, 1966.
- b. Employment of Medical Students as Externs. (Legal Aspects)  
JAMA 194:789, Nov. 15, 1965;  
JAMA 196: adv. pp. 327-328, April 4, 1966.
6. Family Practice.
- a. Establishment of Family Practice Programs.  
JAMA 171:582-583, Oct. 10, 1959.
- b. Report on Preparation for Family Practice.  
JAMA 177:19-22, Sept. 2, 1961 (Directory of Approved Internships and Residencies);  
JAMA 182, 775-777, Nov. 17, 1962.
- c. Pilot programs in family practice and general practice discontinued; "Essentials for Family Practice Programs" being prepared.  
JAMA 206, Nov. 1968.
7. Foreign Medical Graduates.
- a. Responsibility of Sponsors for Program Transfers and Broken Contracts.  
JAMA 186:687-688, Nov. 16, 1963;  
JAMA 190:639, Nov. 16, 1964.
- b. Relation of ECFMG Certification to California Licensure Requirements.  
JAMA 190:638-639, Nov. 16, 1964.
- c. Discontinuance of Temporary ECFMG Certificate.  
JAMA 190:639, Nov. 16, 1964.
- d. ECFMG Requirements for Foreign Medical Faculty Members.  
JAMA 194:783, Nov. 15, 1965.
- e. Modification of Policy on ECFMG for U.S. Citizens who are Graduates of Foreign Medical Schools.  
JAMA 202, Nov. 20, 1967.
- f. Restatement of policy on ECFMG.  
JAMA 206, Nov. 25, 1968.
8. Graduate Training Outside the United States.  
JAMA 190:639, Nov. 16, 1964.
9. Internship—Policies and Status.
- a. Policy on Straight Internships in Obstetrics-Gynecology.  
JAMA 165:458, Oct. 5, 1957.
- b. Future of the Internship. Editorial.  
JAMA 165:604, Oct. 5, 1957.
- c. No single Panacea for Internship. Editorial.  
JAMA 168:693, Oct. 4, 1958.
- d. Policy on Approval of Internships.  
JAMA 171:846-847, Oct. 10, 1959.
- e. Revision of Essentials: Utilization of Ambulatory Patients, Instruction in Anesthesiology, Part-Time Internships.  
JAMA 194:787, Nov. 15, 1965.
- f. Revision of Essentials: Agreement Between Intern or Resident and Hospital.  
JAMA 198:893, Nov. 21, 1966.
- g. Revision of Essentials: Revision of Definition of Rotating Internship.  
JAMA 958:893, Nov. 21, 1966.
- h. Statement on Internships by the American Board of Pediatrics.  
JAMA 198:897, Nov. 21, 1966.
- i. Symbol for Early Starting Date on Internships.  
JAMA 202, Nov. 20, 1967.
- j. Legality of internship prior to graduation from medical school.  
JAMA 206, Nov. 25, 1968.
10. Legal Obligations of Hospital and House Staffs.
- a. Responsibility of Hospital Staff to House Officers and Service Patients. Editorial.  
JAMA 182:812, Nov. 17, 1962.
- b. Malpractice Insurance for Interns and Residents.  
JAMA 193:55-60, July, 1965.  
JAMA 206, Nov. 25, 1968.
11. Osteopaths.
- a. Policy on Participation of Osteopaths in Approved Graduate Training Programs.  
JAMA 182:779, Nov. 17, 1962;  
JAMA 190:639-640, Nov. 16, 1964;  
JAMA 194:783, Nov. 15, 1965.
- b. Eligibility of Former Osteopaths for Certification.  
JAMA 198:898, Nov. 21, 1966.  
JAMA 206, Nov. 25, 1968.
12. Residencies in Specialties.
- a. Background and Development of Residency Review and Conference Committees.  
JAMA 165:60-64, Sept. 7, 1957.
- b. Policy of Conference Committee on Graduate Education in Surgery on 3-4 Year Programs in Surgery. Editorial.  
JAMA 171:843-844, Oct. 10, 1959.
- c. Guides for Residency Programs in Specialties.  
JAMA 186:687, Nov. 16, 1963.  
JAMA 206, Nov. 25, 1968.
- d. Policy on Approval of Thoracic Surgery Residencies.  
JAMA 186:689, Nov. 16, 1963;  
JAMA 190:642, Nov. 16, 1964.
- e. Responsibility of Residency Program Director for Statistics.  
JAMA 186:689, Nov. 16, 1963.
- f. Definition of "Responsible Surgeon."  
JAMA 190:641, Nov. 16, 1964.
- g. Internal Medicine Subspecialty Residencies Discontinued.  
JAMA 174:817-818, Oct. 8, 1960;  
JAMA 177:18, Sept. 2, 1961;  
JAMA 182:778, Nov. 17, 1962.
- h. Standards for Residency Programs in Neurology and Psychiatry.  
JAMA 198:895, Nov. 21, 1966.
- i. Residency Matching Programs.  
JAMA 198:898, Nov. 21, 1966;  
JAMA 206, Nov. 25, 1968.
- j. General Surgery—Conversion of Type II (3 years) programs to Type I (4 year) programs.  
JAMA 202, Nov. 20, 1967;  
JAMA 206, Nov. 25, 1968.
- k. Uniform Appointment Dates for First-Year Residencies.  
JAMA 202, Nov. 20, 1967;  
JAMA 206, Nov. 25, 1968.
- l. Pilot Placement Service for Residencies in Urology.  
JAMA 206, Nov. 25, 1968.
- m. Guide for Residencies in Internal Medicine; Policies on Training in Broad Field of Internal Medicine and on Affiliations Clarified.  
JAMA 206, Nov. 25, 1968.
- n. Revision of "Essentials" in Anesthesiology, General Practice, Physical Medicine and Rehabilitation, and Psychiatry.  
JAMA 206, Nov. 25, 1968.
13. Role of Council on Medical Education.
- a. Relationship of Hospital Accreditation by Joint Commission on Accreditation to Approval of Graduate Training Programs.  
JAMA 190:638, Nov. 16, 1964.
- b. Activities and Accomplishments of the American Medical Association in the Field of Graduate Medical Education.  
J. Med. Educ. 36:1210-1217, Sept., 1961.
- c. The Role of the Council on Medical Education and Hospitals of the American Medical Association.  
J. Med. Educ. 34:819-825, Aug., 1959.
14. Selective Service.
- a. Relation of Internship to Selective Service Requirements.  
JAMA 182:779, Nov. 17, 1962.
15. Specialty Boards.
- a. Essentials for Approval of Examining Boards in Medical Specialties—Revision.  
JAMA 186:688, Nov. 16, 1963;  
JAMA 194:784-786, Nov. 15, 1965.
- b. Approved and Non-Approved Specialty Boards. Editorial.  
JAMA 194:823, Nov. 15, 1965.
- c. Policy of American Board of Surgery on 1-2 Year Programs.  
JAMA 186:688-689, Nov. 16, 1963.
- d. Requirements for Examination by Both the American Board of Internal Medicine and the American Board of Pediatrics.  
JAMA 206, Nov. 25, 1968.



# Consolidated List of Hospitals

With Approved Graduate Training Programs

Council on Medical Education of the American Medical Association

Revised to June 30, 1968

Hospitals, 1,412

Internship Programs, 2,768

Residency Programs, 4,702

This consolidated list follows the format used last year and provides general basic information on hospitals with approved internship and residency programs.

To save space, the word "Hospital" has been omitted when it is the last word of the name of the institution.

All hospitals are listed alphabetically by state and city, and their full names and addresses are included. Medical school affiliation is shown in a special column, and the code to identify the medical schools begins at the end of the Consolidated List.

Participation by the hospital in the clinical clerkship program of a medical school is indicated by M or L preceding the code number for the school. M signifies that the hospital is a major unit in the teaching program of the medical school, while L indicates that the hospital is used to a limited extent in the school's teaching program. G indicates that a hospital is used by the school for graduate training programs only. The information concerning medical school affiliation has been furnished by the deans of the individual medical schools.

Because the conditions under which a hospital and a medical school might be affiliated for purposes of graduate training were not well defined, the Council on Medical Education at its meeting in June, 1965, drew up the following set of requirements for such affiliations. Henceforth the annual inquiry of deans for hospital affiliations will state that the G designation should be used only for hospitals not designated with M or L and in cases in which one or more of the following arrangements is in effect:

1. The house staff is selected by officials of a specific medical school department or by a joint committee of the hospital teaching staff and the medical school faculty.

2. There is some degree of actual exchange of residents between the G hospital and the principal medical school teaching hospital.

3. There is regularly scheduled participation of medical school faculty (other than the hospital's own attending staff) in teaching programs at the G hospital.

4. There is a contractual agreement (with or without financial commitment) for assistance in the organization and supervision of the graduate program in the G hospital.

The G designation should not be used if the hospital is used for undergraduate clerkship teaching, if faculty participation is as tenuous as an occasional lecture or consultation visit, or if the hospital's interns or residents are permitted to attend medical school teaching conferences only as visitors.

The relationship of the hospital to the medical school is further indicated by two other symbols which follow the code number for the school. The symbol X signifies ownership of the hospital by the medical school or, in some cases, ownership of the hospital and the medical school by the same organization. The symbol # signifies that, while the school does not own the hospital, it has exclusive right to appoint or nominate all members of the hospital staff assigned to services used by the school for teaching.

The administrative control of the hospital is indicated in a separate column, and the abbreviations used are explained at the end of the consolidated list, preceding the list of medical schools.

Footnotes provide additional information about appointment procedures, employment policies, and other matters:

Footnote<sup>1</sup>—Appointments are restricted to men only.

Footnote<sup>2</sup>—U.S. citizenship is a requirement for appointment.  
Footnote<sup>3</sup>—Graduates of foreign medical schools are not eligible for appointment.

Footnote<sup>4</sup>—Dental internships are available.

Footnote<sup>5</sup>—Dental residencies are available.

The total number of beds is shown in one column, followed by a column listing the average length of stay in days, for each hospital. The necropsy percentage is shown in the following column.

Whenever the information could be shown with reasonable accuracy, the number of graduates of foreign and nonforeign medical schools serving in each hospital as of September 1, 1967, is shown as a separate figure for interns and residents. The information was provided by individual hospitals, on the annual questionnaire completed for this Directory. The numbers published do not include those who were listed as serving in the hospital in capacities other than those of intern or resident.

In some cases, because of the complexity of programs in relationship to other hospitals, numbers have not been published; in a few cases, specific figures were not furnished. The absence of numbers in these columns may indicate that either no one was serving in the program as of September 1, 1967, or that the program is so organized that individual participants are appointed to an integrated program and therefore serving during the program in more than one hospital.

The numbers of internship and residency positions are shown for the academic year beginning July 1, 1969, to provide an indication of the training potential of each hospital, insofar as it is possible to indicate this in a list. Some figures may represent duplications in situations in which several hospitals participate in combined training programs for one or more specialties; others may not reflect the large number of trainees regularly rotating to the institution from other programs.

The numbers of internship and residency positions offered are given in this list for convenience and, because of the time lag in compilation, may vary from those shown in the list following the authorized complement of types and numbers of internships, and in the number and distribution by years of residency positions.

In some specialties, the programs are approved for specific numbers of positions through the appropriate approving agencies, and the publication of figures furnished by the hospitals on the annual questionnaire may not reflect the exact numbers currently approved for the residency program.

Specific details on internship and on residency programs are given in separate lists in this issue. The general details about each approved training program in the internship and residency lists provide a fairly complete figure for study by the candidate for graduate training. Further details about the character of these approved training programs must be obtained directly from the hospitals of the candidate's choice. All candidates should familiarize themselves with the standards contained in the "Essentials of an Approved Internship" and "Essentials of Approved Residencies" when determining their choices of hospitals for training. These two documents are included in this Directory.

Abbreviations used to indicate the specialty or area of training designated in internship and residency programs are listed on page 77, preceding the list of code numbers for medical schools.

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>ALABAMA</b>										
<b>Birmingham</b>										
Baptist Medical Center 800 Montclair Road, 35213	L-10	Church	...	300	9	38	...	...	Int: Rot; Res: Path., Rad.	
Birmingham Baptist 701 Princeton Ave., 35211	L-10	Church	...	375	9	22	...	...	Int: Rot; Res: Path., Rad.	
Birmingham Baptist Hospitals 701 Princeton Avenue, 35211	L-10	Church	...	...	...	...	...	4	24 Int: Rot; 16 Res: Path., Rad.	
Carraway Methodist 1615 North 25th Street, 35234	...	Church	...	386	8	46	...	4	14 Int: Rot., St. Med.; 28 Res: G. P., Surg., Med., ObG., Path., Urol.	
Children's 1601 6th Ave. South, 35233	M-10#	NP Corp	...	128	5	73	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; Res: Neurosurg., Otol., Ped., Urol.	
Crippled Children's Clinic and Hospital 620 South 19th Street, 35233	L-10	NP Corp	5	100	16	25	1	2	4 Res: Neur., Ortho., Urol.	
Eye Foundation 1720 8th Avenue South, 35233	...	NP Corp	2	44	7	10	...	5	6 Res: Oph.	
St. Vincent 2701 Ninth Court South, 35205	L-10	Church	1,2,3	191	8	36	...	5	8 Int: Rot;	
University of Alabama Medical Center, 619 South 19th Street, 35233	M-10X	Misc	...	...	...	...	...	...	67 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; 218 Res: Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Psych., Rad., Thor., Urol.	
University of Alabama Hospitals and Clinics 619 South 19th Street, 35233	M-10X	State	4,5	665	10	55	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; Res: Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Psych., Rad., Thor., Urol.	
Veterans Admin., 700 South 19th Street, 35233	M-10#	VA	2,5	479	24	74	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; Res: Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Psych., Rad., Thor., Urol.	
<b>Fairfield</b>										
Lloyd Noland P.O. Box 538, 35064	...	NP Corp	...	300	8	43	...	12	14 Int: Rot; 24 Res: Anes., Derm., Surg., ObG., Ortho., Path., Ped.	
<b>Mobile</b>										
Mobile General 2451 Fillingim St., 36617	G-10	County	...	270	8	46	...	20	20 Int: Rot; 36 Res: Surg., Med., ObG., Ortho., Path., Ped.	
<b>Tuscaloosa</b>										
Druid City 809 Birmingham Ave., 35401	...	Cy-Co	...	410	...	...	...	...	1 Res: Path.	
<b>Tuskegee</b>										
Veterans Admin., 36083	...	VA	2,4,5	1661	259	39	2	2	12 Res: Surg., Oph., PMR	
<b>ALASKA</b>										
<b>Anchorage</b>										
U. S. Public Health Service Alaska Native Medical Center Third and Gambell Streets, 99501	M-91	USPHS	2,4	329	29	72	...	...	Res: Surg., Ortho.	
<b>ARIZONA</b>										
<b>Phoenix</b>										
Barrow Neurological Institute of St. Joseph's Hospital, 85013	...	Church	...	453	...	...	2	3	8 Res: Neurosurg., Neur.	
Crippled Children's 1825 E Garfield, 85006	G-16	State	1,2,3	84	12	75	...	3	3 Res: Ortho., Plast.	
Good Samaritan 1033 E. Mc Dowell Rd., 85006	...	Church	...	600	7	49	...	21	28 Int: Rot; 30 Res: G. P., Surg., ObG., Path., Ped., Ped. Card., PMR	
Maricopa County General 3435 West Durango St., 85009	...	County	...	401	12	41	6	5	24 Int: Rot; 61 Res: Anes., Surg., Med., ObG., Path., Ped.	
Memorial 1200 S. 5th Avenue, 85003	...	NP Corp	...	199	97	40	12	...	10 Int: Rot;	
St. Joseph's 350 West Thomas Road, 85013	...	Church	...	453	9	74	2	20	24 Int: Rot; 26 Res: Surg., Med., ObG., Path., Ped., Rad.	
U. S. Public Health Service Indian 1550 E Indian School Rd, 85014	...	USPHS	2	137	11	68	...	4	4 Res: Surg., Ped.	
Veterans Admin. 7th St and Indian School Rd, 85012	...	VA	...	207	...	...	...	...	Res: Surg.	
<b>Tucson</b>										
Pima County General 2900 South Sixth Avenue, 85713	...	County	...	160	12	50	...	...	Int: Rot., St. Med., St. Surg.; Res: G. P., Surg., Med., Ped.	
St. Mary's West St. Mary's Road, 85703	...	Church	...	270	8	43	...	...	Int: Rot., St. Med., St. Surg.; Res: G. P., Surg., Med.	
Tucson Hospitals Medical Education Program P.O. Box 6067, 85716	...	Misc	...	...	...	...	18	6	24 Int: St. Med., St. Surg.; 34 Res: G. P., Surg., Med., Ped.	
Tucson Medical Center Grant Rd & Beverly Blvd, 85716	...	NP Corp	...	477	7	57	...	...	Int: Rot., St. Med., St. Surg.; Res: G. P., Surg., Med., Ped.	
U. S. Air Force Davis-Monthan A.F.B., 85707	...	USAF	...	100	6	80	...	...	Res: Surg., Med.	
Veterans Admin. 3601 South Sixth Avenue, 85713	...	VA	...	118	28	72	...	...	23 Res: Surg., Med.	

CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>ARKANSAS</b>										
<b>Little Rock</b>										
Arkansas Baptist Medical Center 1700 West 13th, 72201	G-11	Church	<sup>3</sup>	442	7	26	...	3	17 Int: Rot.; 12 Res: Surg., Oph., Path., Rad.	
Arkansas Children's 804 Wolfe St, 72202	G-11	NP Corp	...	52	16	33	...	6	... Res: Ortho., Urol.	
Arkansas State 4313 West Markham, 72201	L-11	State	...	2340	366	19	...	11	12 Res: Psych., Urol.	
St. Vincent Infirmary Markham & University, 72201	...	Church	...	365	7	32	...	14	14 Int: Rot.;	
University 4301 West Markham Street, 72201	M-11X	State	...	302	9	59	...	14	38 Int: Rot., St. Med., St. Ped., St. Path., St. ObG.;	
Veterans Admin. Consolidated 300 East Roosevelt Rd, 72206	M-11#	VA	<sup>2</sup>	2126	323	65	2	12	9 Res: Anes., Derm., Surg., Med., Neur., ObG., Oph., Ortho., Path., Ped., Thor., Urol.	
<b>North Little Rock</b>										
Veterans Admin. Consolidated - See Veterans Admin. Consolidated Hospital, Little Rock										
<b>CALIFORNIA</b>										
<b>Bakersfield</b>										
Kern County General 1830 Flower Street, 93305	...	County	...	593	13	70	...	5	19 Int: Rot., St. Med.; 36 Res: G. P., Surg., Med., ObG., Oph., Path., For. Path.	
<b>Berkeley</b>										
East Bay Clinic for Child Psychiatry 2045 Dwight Way, 94704	...	State	...	...	...	...	1	2	8 Res: Child Psych.	
Herrick Memorial 2001 Dwight Way, 94704	...	NP Corp	...	205	9	48	1	7	8 Int: Rot.; 13 Res: Psych.	
State of California Dept. of Public Health, 94704	...	...	...	...	...	...	...	11	12 Res: Pub. Health	
University of California School of Public Health, 94720	...	State	...	...	...	...	...	11	24 Res: G. Prev. Med.	
<b>Burbank</b>										
St. Joseph 501 S Buena Vista St, 91503	...	Church	...	368	6	45	1	...	8 Res: Path.	
<b>Camarillo</b>										
Camarillo State, 93010	...	State	<sup>3</sup>	4262	660	45	5	14	25 Res: Psych.	
<b>Camp Pendleton</b>										
U.S. Naval, 92055	...	USN	<sup>4</sup>	600	13	75	...	11	11 Int: Rot.;	
<b>Costa Mesa</b>										
Fairview State 2501 Harbor Blvd, 92626	...	State	...	2695	286	60	...	...	... Res: Ortho.	
<b>Daly City</b>										
Mary's Help 1900 Sullivan Avenue, 94015	...	Church	...	246	8	34	1	2	8 Int: Rot.; ... Res: Surg., Ortho.	
<b>Davis</b>										
University of California Affiliated Hospitals - See Sacramento County Hospital, Sacramento										
<b>Downey</b>										
Rancho Los Amigos 7601 E Imperial Highway, 90242	L-12,95 G-14,16	County	...	1188	322	52	...	...	... Res: Surg., Neurosurg., Ortho., Urol.	
<b>Duarte</b>										
City of Hope Medical Center 1500 E Duarte Road, 91010	G-12	NP Corp	...	173	17	66	...	9	11 Res: Surg., Path., Thor.	
<b>Eldridge</b>										
Sonoma State Arnold Drive, 95431	G-16	State	<sup>3</sup>	3379	...	84	...	...	... Res: Ortho., Psych.	
<b>Fairfield</b>										
David Grant U. S. A. F. Travis A.F.B., 94535	L-102	USAF	<sup>2,4</sup>	385	14	97	...	12	14 Int: Rot.; 30 Res: Surg., Med., ObG., Ped., Rad.	
<b>Fontana</b>										
Kaiser Steel Corporation P. O. Box 217, 92335	...	...	...	...	...	...	...	...	1 Res: Occ. Med.	
<b>Fort Ord</b>										
U. S. Army, 6th Army Hq., Preventive Medicine Division, 93941	...	USA	...	...	...	...	...	...	2 Res: Pub. Health	
U.S. Army, Fort Ord, 93941	...	USA	<sup>2</sup>	600	7	70	...	6	6 Res: Surg.	
<b>Fresno</b>										
Fresno General 445 So Cedar Avenue, 93702	...	County	<sup>3,6</sup>	619	13	58	...	24	28 Int: Rot.; 33 Res: Surg., Med., ObG., Oph., Ped.	
<b>Glendale</b>										
Glendale Adventist 1509 Wilson Terrace, 91206	...	Church	...	380	10	35	1	7	12 Int: Rot.; 10 Res: Surg., Neurosurg., ObG., Path.	
<b>Imola</b>										
Napa State Box A, 94558	...	State	...	3627	...	57	...	...	... Res: Ortho., Psych.	
<b>La Jolla</b>										
Scripps Memorial 9888 Genesee Ave, 92037	...	NP Corp	...	240	7	53	...	...	1 Res: Path.	
<b>Loma Linda</b>										
Loma Linda University 11234 Anderson Street, 92354	M-12X	Church	...	186	88	71	...	1	22 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;	
Loma Linda University Affiliated Hospitals, 92354	M-12	Misc.	...	...	...	...	4	24	... Res: Anes., Surg., Med., ObG., Oph., Path., Ped., Psych., Rad.	
<b>Long Beach</b>										
Long Beach Community 1720 Termino Ave, 90804	...	NP Corp	...	300	...	...	...	...	2 Res: Ortho.	
Memorial Hospital of Long Beach 2801 Atlantic Avenue, 90801	M-95	NP Corp	...	545	9	43	...	18	22 Int: Rot., St. Path.; G. P., Surg., Med., ObG., Path., Ped., Rad.	
St. Mary's Long Beach 509 East Tenth St, 90813	...	NP Corp	...	350	6	42	1	1	12 Int: Rot.; 13 Res: G. P., Med., Path., Rad.	
Veterans Admin. 5901 E 7th, 90801	M-95	VA	<sup>4,5</sup>	1586	50	57	30	78	136 Res: Derm., Surg., Med., Neurosurg., Oph., Ortho., Otol., Path., PMR, Psych., Rad., Thor., Urol.	

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>CALIFORNIA - Continued</b>										
<b>Los Angeles</b>										
California 1414 South Hope St., 90015	...	Church	...	325	8	43	2	2	8 Int; 18 Res	Rot.; Surg., ObG., Path.
Cedars - Sinai Medical Center (Includes Cedars of Lebanon Hospital Division and Mount Sinai Hospital Division) 4833 Fountain Ave., 90029	L-13	...	...	...	...	...	...	...	...	...
Cedars of Lebanon Hospital Div. 4833 Fountain Ave., 90029	L-13	NP Corp	...	511	8	48	...	23	23 Int; 42 Res	Rot.; Surg., Med., ObG., Path., Ped., Psych., Rad.
Chief Medical Examiner-Coroner County of Los Angeles Hall of Justice, 90012	...	County	...	...	...	...	0	0	6 Res	For. Path.
Childrens Hospital of Los Angeles 4650 Sunset Boulevard, 90027	M-14#	NP Corp	8	230	7	89	...	16	16 Int; 44 Res	St. Ped.; Ortho., Path., Ped., Ped. Card.
Hollywood Presbyterian 1322 North Vermont Ave., 90027	...	NP Corp	2	270	7	33	...	6	10 Res	ObG., Oph.
Hospital of the Good Samaritan Medical Center 1212 Shatto Street, 90017	G-14	Church	...	402	9	52	...	10	12 Int; 12 Res	Rot.; Surg., Med., Path.
Kaiser Foundation 4867 Sunset Boulevard, 90027	...	NP Corp	...	449	6	48	1	16	27 Res	Med., ObG., Path., Urol.
Los Angeles County Harbor General-See Torrance Calif. Los Angeles County-U.S.C. Medical Center 1200 No. State St., 90033	M-14#	County	3,5	2248	8	45	...	198	240 Int; 461 Res	Rot., St. Med., St. Ped.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., PMR, Psych., Rad., Thor., Urol.
Mount Sinai Hospital Division 8720 Beverly Blvd., 90048	L-13	NP Corp	...	235	9	47	...	7	7 Int; 17 Res	St. Med.; Child Psych., Med., Path., Psych. Ortho.
Orthopaedic 2400 South Flower Street, 90007	G-14	NP Corp	8	162	5	12	...	17	17 Res	Ortho.
Queen of Angels 2301 Bellevue Ave., 90026	...	Church	...	384	6	45	3	5	12 Int; 29 Res	Rot.; G. P., Surg., ObG., Path., Ped., Col. - Rec., Rad.
Reiss-Davis Child Study Center 9760 West Pico Boulevard, 90035	...	NP Corp	8	...	...	...	...	6	8 Res	Child Psych.
Santa Fe Memorial 610 S. St. Louis St., 90023	L-14	NP Corp	...	189	10	26	...	2	9 Int; 3 Res	Rot.; Surg.
Shriners Hospital for Crippled Children 3160 Geneva Street, 90005	...	NP Corp	...	60	65	0	...	3	3 Res	Ortho.
U. C. L. A. Medical Center, 90024	M-13X	State	...	368	8	75	...	36	45 Int; 211 Res	St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Plast., Psych., Rad., Thor., Urol.
University of California Hospital - See U.C.L.A. University of California School of Public Health and School of Med., 90024	...	State	...	...	...	...	...	...	31 Res	Occ. Med., G. Prev. Med.
Veterans Admin. Center - Brentwood Wilshire and Sawtelle Blvds., 90073	G-13	VA	4	1659	495	73	2	13	36 Res	Psych.
Veterans Admin. Center-Wadsworth Wilshire & Sawtelle Blvds., 90073	M-13	VA	2,4,5	1410	31	72	1	35	24 Int; 194 Res	Rot.; Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Plast., Rad., Thor., Urol.
Veterans Admin. (Sepulveda) 16111 Plummer St., 91343	...	VA	...	970	86	61	1	9	24 Res	Surg., Med., Psych.
White Memorial Medical Center 1720 Brooklyn Avenue, 90033	...	Church	...	279	8	60	4	9	16 Int; 88 Res	Rot., St. Med., St. Surg., St. Ped.; Anes., Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Ped., Rad., Urol.
<b>Los Gatos</b>										
Community Hospital-Los Gatos-Saratoga, 815 Pollard Rd., 95030	...	NP Corp	...	...	...	...	...	...	2 Res	Path.
<b>Martinez</b>										
Contra Costa County Medical Services 2500 Alhambra Avenue, 94553	...	County	...	364	10	57	1	9	10 Res	G. P.
Veterans Admin. 150 Muir Road, 94553	...	VA	4	498	28	67	9	15	29 Res	Surg., Med., Neur., Path., Psych., Urol.
<b>Modesto</b>										
Scenic General 830 Scenic Drive, 95350	...	County	2	297	9	54	...	5	7 Res	G. P.
<b>Mountain View</b>										
El Camino 2500 Grant Road, 94040	...	Dist.	2,3	429	6	60	...	...	8 Res	Path.
<b>Norwalk</b>										
Metropolitan State 11400 So. Norwalk Blvd., 90650	L-95	State	2	3000	...	38	1	19	24 Res	Psych.
<b>Oakland</b>										
Children's Hospital Medical Center of Northern California 51st and Grove Streets, 94609	L-16,G-15	NP Corp	4,5	142	5	83	2	1	6 Int; 16 Res	St. Ped.; Ortho., Path., Ped., Ped. Card.
Highland General 2701 - 14th Avenue, 94606	G-16	County	4,5	573	7	70	...	40	42 Int; 85 Res	Rot.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Psych., Rad., Thor., Urol.
Kaiser Foundation 280 W. Mac Arthur Blvd., 94611	...	NP Corp	...	275	7	59	...	5	20 Int; 36 Res	Rot.; Surg., Med., ObG., Path., Ped.
Samuel Merritt Hawthorne Ave & Webster St., 94609	G-16	NP Corp	...	295	9	40	...	1	4 Res	Ortho., Path.
U.S. Naval 8750 Mountain Blvd., 94627	...	USN	4,5	1100	21	93	...	17	17 Int; 73 Res	Rot., St. Med., St. Surg.; Anes., Surg., Med., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Urol.
Western Laboratories 353, 30th St., 94609	...	Corp.	...	...	...	...	...	...	1 Res	For. Path.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Neurosy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>CALIFORNIA - Continued</b>										
<b>Olive View</b>										
Olive View 14701 Foothill Blvd. 91330	...	County	...	725	131	48	1	3	4 Res:	Thor.
<b>Orange</b>										
Childrens Hospital of Orange County 1109 W La Veta, 92668	M-95	Church	...	50	5	85	...	...	Int:	St. Ped.; Ortho. Ped.
Orange County Medical Center 101 Manchester Avenue, 92668	M-95	County	4,5	647	8	94	...	40 3 48	71 Res:	Rot., St. Med., St. Ped.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Psych., Rad., Thor., Urol.
<b>Palo Alto</b>										
Palo Alto-Stanford Hospital Center 300 Pasteur Drive, 94304	M-15#	NP Corp	9	574	8	61	...	...	Int:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., PMR, Plast., Psych., Rad., Urol.
Stanford Medical Center Child Psychiatry Clinic 300 Pasteur Dr. 94304	...	NP Corp	...	...	...	...	...	6	9 Res:	Child Psych.
Veterans Admin. 3801 Junipero Serra Blvd, 94304	M-15#	VA	2,4	2016	180	79	...	...	Int:	St. Med.; Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Otol., Path., PMR, Plast., Psych., Rad., Urol.
<b>Pasadena</b>										
Huntington Memorial 100 Congress Street, 91105	...	NP Corp	...	391	8	52	1	7	12 Int:	Rot.;
Pasadena Child Guidance Clinic 56 Waverly Dr. 91105	...	NP Corp	...	...	...	...	1	13 4	23 Res:	Surg., Med., Neurosurg., Path., Plast. 5 Res: Child Psych.
<b>Patton</b>										
Patton State 26802 Highland Avenue, 92369	M-12#	State	2	3085	634	36	...	9	18 Res:	Psych.
<b>Pomona</b>										
Pacific State 3530 Pomona Blvd., 91766	L-12	State	...	2840	3562	59	...	3	3 Res:	Psych.
<b>Riverside</b>										
Riverside General 9851 Magnolia Ave. 92503	M-12#	County	2	447	12	55	...	16 4	16 Int:	Rot.;
							...	4	10 Res:	Anes., G. P., Surg., Med., ObG., Path., Ped., Urol.
<b>Sacramento</b>										
Mercy 4001 J Street, 95819	...	Church	2	361	6	35	...	1	2 Res:	Path.
Sacramento County 2315 Stockton Blvd., 95817	L-102,G-16	County	...	520	15	56	...	32	32 Int:	Rot.;
Sutter Community Hospitals of Sacramento 2820 L Street, 95816	...	NP Corp	...	541	7	34	...	3	48 Res:	Anes., G. P., Surg., Med., Path. 6 Res: Path., Rad.
<b>Salinas</b>										
General Hospital of Monterey County P. O. Box 1611, 93901	...	County	...	334	9	68	...	2	10 Res:	G. P.
<b>San Bernardino</b>										
San Bernardino County General 780 East Gilbert, 92404	L-12	County	2	439	11	75	6	16 19	21 Int:	Rot.;
							...	35	35 Res:	G. P., Surg., ObG.
<b>San Diego</b>										
Childrens 8001 Frost Street, 92123	...	NP Corp	3	90	4	86	...	...	...	Rcs: Ortho.
Donald N. Sharp Memorial Community 7901 Frost Street, 92123	...	Church	...	295	6	52	...	1	4 Res:	Ortho., Path.
Mercy 4077 Fifth Avenue, 92103	...	Church	...	497	7	49	3 1	8 5	16 Int:	Rot., St. Path.;
							...	118	18 Res:	Anes., Surg., Med., ObG., Ortho., Path.
U. S. Naval Park Boulevard, 92134	...	USN	2,4,5	2444	24	65	...	26 118	26 Int:	Rot., St. Med., St. Surg.;
							...	41	118 Res:	Anes., Derm., Surg., Med., ObG., Oph., Ortho., Otol., Path., Ped., Rad., Thor., Urol.
University Hospital of San Diego County 225 W. Dickinson St., 92103	M-103	County	...	770	11	57	...	24 3	51 Int:	St. Med., St. Surg., St. Ped., St. Path., St. ObG.;
							...	41	106 Res:	Anes., Surg., Med., ObG., Ortho., Path., Ped., Psych., Rad., Urol.
<b>San Francisco</b>										
Children's Hospital and Adult Medical Center 3700 California St., 94119	L-16	NP Corp	...	330	7	52	...	2 3	15 Int:	Rot., St. Ped.;
							...	7	26 Res:	Anes., Child Psych., Surg., Med., Neur., ObG., Ortho., Path., Ped., Rad.
Claire Zellerbach Zaroni Memorial Tumor Institute(- See Mount Zion Hospital and Medical Center)	...	...	...	...	...	...	...	...	...	Res: Rad.
Franklin Castro and Duboce Streets, 94114	G-16	NP Corp	3	248	10	35	...	...	...	Res: Neurosurg., Ortho., Plast.
French 4131 Geary Blvd., 94118	...	NP Corp	...	214	9	44	2 1	...	8 Int:	Rot.;
Harkness Community Hospital and Medical Center 1400 Fell Street, 94117	G-16	NP Corp	...	450	11	52	1	12	7 Res:	Surg., Med., Path.
H. C. Moffitt-University of California Hospitals 3rd & Parnassus, 94122	M-16X	NP Corp	...	555	10	82	1	10	23 Int:	Rot., St. Path.;
							...	11	2 Res:	Surg., Path., Urol.
Kaiser Foundation 2425 Geary Boulevard, 94115	L-16	NP Corp	...	303	7	62	1	22	39 Int:	St. Med., St. Surg., St. Ped., St. Path.;
Langley Porter Neuropsychiatric Institute 401 Parnassus Avenue, 94122	M-16#	State	...	116	47	100	2 1	31 55	17 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., PMR, Plast., Rad., Thor., Urol.
Letterman General Presidio of S F, 94129	...	USA	2,4,5	900	27	72	...	29 6	24 Int:	Rot., St. Med., St. Surg., St. Path.;
							...	95	102 Res:	Derm., Surg., Med., Neur., ObG., Oph., Ortho., Path., Ped., PMR, Psych., Rad., Thor., Urol.
Mount Zion Hospital and Medical Center 1600 Divisadero Street, 94115	L-16	NP Corp	4	443	10	56	...	4 43	27 Int:	Rot., St. Surg., St. Ped.;
							...	43	78 Res:	Child Psych., Surg., Med., ObG., Path., Ped., Psych., Rad.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1968	Approved Program
							Foreign	Non-Foreign		
<b>CALIFORNIA, San Francisco—Continued</b>										
Pacific Medical Center-Presbyterian Hospital ... Clay & Webster Streets, 94115	L-16	NP Corp	...	242	9	71	...	16	20 Int: Rot.; 34 Res: Derm., Med., Neur., ObG., Oph., Ortho., Path., Psych.	
St. Francis Memorial ... 900 Hyde St., 94109	...	NP Corp	...	328	...	39	...	5	8 Res: Path., Plast., Psych.	
St. Joseph's ... 355 Buena Vista Ave East, 94417	...	Church	...	218	7	38	1	...	6 Int: Rot.; 2 Res: Surg., Ortho., Path.	
St. Luke's ... 1580 Valencia Street, 94110	...	Church	...	243	8	52	...	...	8 Int: Rot.; 15 Res: Med., ObG., Path., Ped.	
St. Mary's ... 2200 Hayes Street, 94117	...	Church	3	427	10	44	...	14	21 Int: Rot.; 53 Res: Child Psych., Surg., Med., Ortho., Path., Ped., Psych., Rad.	
San Francisco Community Mental Health Services ... 101 Grove Street, 94102	...	Cy-Co	2	119	11	75	1	5	8 Res: Psych.	
San Francisco General ... 1001 Potrero, 94110	M-16#	Cy-Co	2,4,5	916	13	75	...	59	64 Int: Rot.; ... Res: Anes., Surg., Med., Neurosurg., ObG., Ortho., Otol., Path., Ped., Plast., Rad., Urol.	
Shriners Hospital for Crippled Children ... 1651-19th Avenue, 94122	G-16	NP Corp	2	60	86	...	...	...	... Res: Ortho.	
Southern Pacific Memorial—See Harkness Community Hospital and Medical Center										
U.S. Public Health Service, San Francisco ... 15th Ave & Lake Street, 94118	L-16	USPHS	2,4	388	17	63	...	20	20 Int: Rot., St. Med., St. Surg.; 32 Res: Surg., Med., Oph., Ortho.	
Veterans Admin. ... 42nd Ave. & Clement Street, 94121	M-16#	VA	2	409	32	80	...	3	... Res: Derm., Surg., Med., Neurosurg., Oph., Ortho., Otol., Path., PMR, Plast., Rad., Urol.	
<b>San Jose</b>										
Agnews State, 95114	...	State	...	2922	...	50	...	12	18 Res: Psych.	
O'Conner ... 2105 Forest Ave., 95114	...	Church	...	265	...	...	...	...	1 Int: St. Path.; 4 Res: Path.	
San Jose Hospital and Health Center ... 675 E. Santa Clara St, 95114	...	NP Corp	...	321	6	33	...	...	... Res: ObG.	
Santa Clara Valley Medical Center ... 751 South Bascom Avenue, 95128	L-15	County	...	483	11	79	...	30	32 Int: Rot.; 52 Res: Anes., Surg., Med., ObG., Otol., Path., Ped., Rad., Urol.	
<b>San Mateo</b>										
Crystal Springs Rehabilitation Center ... 1100 Polhemus Road, 94402	...	County	...	200	145	0	...	...	... Res: PMR	
San Mateo County General ... 222 W. 39th Avenue, 94403	M-15#	County	...	228	9	63	...	7	14 Res: Derm., Surg., Med., ObG., Oph., Ped., Psych.	
<b>San Pablo</b>										
Brookside ... 2000 Vale Road, 94806	...	Dist.	3	245	7	49	...	...	4 Res: Path.	
<b>Santa Barbara</b>										
Santa Barbara Cottage Hospital ... 320 W Pueblo St, 93105	...	NP Corp	...	303	8	52	...	...	... Int: Rot.; ... Res: G. P., Surg., Path., Rad.	
Santa Barbara General ... San Antonio Rd, 93105	...	County	...	276	16	62	...	...	... Int: Rot.; ... Res: G. P., Surg., Rad.	
Santa Barbara General-Cottage Hospitals, 93105	...	Misc.	...	...	...	...	1	16	17 Int: Rot.; 20 Res: G. P., Surg., Rad.	
<b>Santa Clara</b>										
Kaiser Foundation ... 900 Kiely Blvd, 95051	G-15	Corp.	3	156	6	65	...	...	... Res: ObG.	
<b>Santa Monica</b>										
St. John's ... 1328 - 22nd Street, 90404	...	Church	2	313	7	44	...	...	3 Res: Surg., Path.	
Santa Monica ... 1250-16th Street, 90404	...	Church	...	255	6	38	...	3	12 Int: Rot.;	
<b>Santa Rosa</b>										
Community Hospital of Sonoma County ... 3325 Chanate Road, 95402	...	County	...	...	...	...	...	9	14 Res: G. P.	
<b>Stanford</b>										
Stanford University Medical Center—See Palo Alto- Stanford Hospital Center, Palo Alto.										
<b>Stockton</b>										
San Joaquin General ... P O Box 1020, 95201	...	County	...	328	9	89	...	18	20 Int: Rot.; 26 Res: Surg., Med., ObG., Path., Ped.	
Stockton State ... 510 E. Magnolia Street, 95202	...	State	2	2572	360	47	1	4	12 Res: Psych.	
<b>Talmage</b>										
Mendocino State ... Po Box X, 95481	...	State	...	1957	430	67	...	28	40 Res: Psych.	
<b>Torrance</b>										
Los Angeles County Harbor General ... 1000 West Carson Street, 90509	M-13#	County	2,4	712	8	53	...	50	64 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; 141 Res: Anes., Surg., Med., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Thor., Urol.	
<b>Vallejo</b>										
Kaiser Foundation Hospital and Rehabilitation Center ... 2600 Alameda Street, 94590	...	NP Corp	...	121	6	52	...	...	... Res: PMR	
<b>Ventura</b>										
General Hospital Ventura County ... 3291 Loma Vista Road, 93003	...	County	...	336	16	31	1	10	13 Res: G. P.	
<b>CANAL ZONE</b>										
<b>Balboa Heights</b>										
Gorgas, Balboa Heights ... P.O. Box O,	...	Other	...	365	11	75	...	16	16 Int: Rot.; 28 Res: Surg., Med., ObG., Oph., Ortho., Path., Ped., Urol.	
<b>COLORADO</b>										
<b>Colorado Springs</b>										
Penrose ... 2215 N. Cascade Avenue, 80907	...	Church	...	351	7	71	1	8	19 Res: Path., Rad.	
St. Francis ... 800 E. Pikes Peak Ave, 80903	...	Church	...	184	7	52	...	...	2 Res: G. P.	

CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>COLORADO—Continued</b>										
<b>Denver</b>										
Children's 1056 E. 19th Ave., 80218	L-17	NP Corp	...	220	5	86	...	1	6 Int: St. Ped.; 21 Res: Ortho.,Path.,Ped.,Ped. All.,Ped. Card.	
Children's Asthma Research Institute and Hospital - See Jewish National Home for Asthmatic Children										
Colorado General Hospital - See University of Colorado Medical Center										
Colorado Psychiatric Hospital - See University of Colorado Medical Center										
Denver General W 6th Ave & Cherokee St, 80204	M-17	Cy-Co	4,8	311	10	75	...	33	30 Int: Rot.; 21 Res: Derm.,G. P.,Surg.,Med.,ObG., Oph.,Ortho.,Path.,For. ObG., Ped.,Psych.,Rad.,Urol.	
Fitzsimons General Peoria and E Colfax, 80240	L-17	USA	2,8	1157	24	94	...	22	24 Int: Rot.,St. Med.,St. Surg.,St. Ped.; 60 Res: Surg.,Med.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Rad.,Thor.	
Fort Logan Mental Health Center 3520 W. Oxford Avenue, 80236	G-17	State	...	276	147	100	...	...	18 Res: Psych.	
General Rose Memorial 1050 Clermont Street, 80220	G-17	NP Corp	...	400	9	71	2	8	12 Int: Rot.; 11 Res: Surg.,ObG.,Path.,Rad.	
Jewish National Home for Asthmatic Children and(Children's Asthma Research Institute and Hospital) 3401 West 19th Avenue, 80204	G-17	NP Corp	...	...	...	...	5	...	7 Res: Ped. All.	
Mercy 1619 Milwaukee Street, 80206	...	Church	...	345	8	54	...	...	11 Int: Rot.; 8 Res: G. P.,Surg.,Path.	
Porter Memorial 2525 South Downing, 80210	...	Church	...	290	7	57	...	...	12 Int: Rot.; 4 Res: Path.	
Presbyterian Medical Center 19th at Gilpin, 80218	G-17	Church	...	369	8	65	...	20	22 Int: Rot.; 26 Res: Surg.,Med.,ObG.,Path.,Rad.	
St. Anthony W. 16th at Raleigh, 80204	...	Church	4	529	6	44	5	2	10 Int: Rot.; 20 Res: G. P.,Path.	
St. Joseph 1835 Franklin St, 80218	...	Church	...	536	7	60	...	16	18 Int: Rot.; 35 Res: G. P.,Surg.,Med.,ObG.,Path., Rad.	
St. Luke's 601 E Nineteenth Avenue, 80203	...	Church	...	444	8	47	...	8	10 Int: Rot.; 10 Res: Surg.,Path.,Rad.	
University of Colorado Affiliated Hospitals	M-17X	Misc.	...	...	...	...	14	275	325 Res: Anes.,Derm.,Surg.,Med.,Neurosurg., Neur.,ObG.,Oph.,Ortho.,Otol., Path.,Ped.,Psych.,Rad.,Urol.	
University of Colorado Medical Center 4200 East 9th Avenue, 80220	M-17X	State	...	379	9	85	0	44	59 Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; ... Res: Anes.,Child Psych.,Derm.,G. P., Surg.,Med.,Neurosurg.,Neur.,ObG., Oph.,Ortho.,Otol.,Path.,Ped., Ped. All.,PMR,Psych.,Rad.,Urol.	
Veterans Admin. 1055 Clermont Street, 80220	M-17#	VA	2	481	21	83	...	...	... Res: Anes.,Derm.,Surg.,Med.,Neurosurg., Neur.,Oph.,Ortho.,Otol.,Path., Psych.,Rad.,Thor.,Urol.	
<b>Greeley</b>										
Weld County General 16th & 17th Avenue, 80631	...	County	2,8	350	7	51	...	...	6 Int: Rot.;	
<b>Pueblo</b>										
Colorado State 1600 West 24th Street, 81003	G-17	State	...	2604	1989	51	5	...	22 Res: Surg.,Psych.	
St. Mary-Corwin 1008 Minnequa Avenue, 81004	...	Church	...	467	9	28	...	...	4 Res: Path.	
<b>CONNECTICUT</b>										
<b>Bridgeport</b>										
Bridgeport 267 Grant Street, 06602	...	NP Corp	...	484	8	44	14	...	14 Int: Rot.; 33 Res: G. P.,Surg.,Med.,ObG.,Path., Rad.	
St. Vincent's 2820 Main Street, 06606	...	Church	...	357	6	50	2	6	12 Int: Rot.,St. Med.,St. Surg.; 26 Res: Surg.,Med.,ObG.,Path.,Rad.	
<b>Bristol</b>										
Bristol Newell Road, 06010	...	NP Corp	...	190	7	32	7	...	7 Int: Rot.;	
<b>Danbury</b>										
Danbury Hospital Avenue, 06810	...	NP Corp	...	279	7	39	3	...	12 Int: Rot.; 12 Res: G. P.,Surg.,Path.	
<b>Derby</b>										
Griffin 130 Division Street, 06418	...	NP Corp	...	187	8	30	6	...	9 Int: Rot.; 4 Res: Path.	
<b>Greenwich</b>										
Greenwich Perryridge Road, 06830	...	NP Corp	...	329	10	66	...	14	14 Int: Rot.; 10 Res: Surg.,Med.,Path.	
<b>Hartford</b>										
Hartford 80 Seymour St., 06115	L-104	NP Corp	4,8	851	8	57	...	25	33 Int: Rot.,St. Med.,St. Path.; 95 Res: Anes.,Surg.,Med.,Neurosurg.,ObG., Ortho.,Path.,Ped.,PMR,Rad.	
Institute of Living 400 Washington St., 06102	...	NP Corp	...	404	298	...	4	27	40 Res: Psych.	
Institute of Living-Children's Clinic 17 Essex St., 06102	...	NP Corp	...	...	...	...	...	1	2 Res: Child Psych.	
Mount Sinai 500 Blue Hills Avenue, 06112	...	NP Corp	...	189	8	47	6	...	12 Int: Rot.;	
St. Francis 114 Woodland Street, 06105	...	Church	4,8	654	8	45	...	5	12 Int: Rot.; 42 Res: Anes.,Surg.,Med.,ObG.,Path., Ped.	
University of Connecticut Health Center-McCook 2 Holcomb Street, 06112	M-104	NP Corp	...	191	11	38	...	...	14 Int: Rot.,St. Med.; 12 Res: Med.	
<b>Manchester</b>										
Manchester Memorial 71 Haynes Street, 06040	...	NP Corp	...	301	7	49	6	...	6 Int: Rot.; 2 Res: Path.	
<b>Meriden</b>										
Meriden 181 Cook Avenue, 06450	...	NP Corp	...	254	8	31	8	...	8 Int: Rot.;	
<b>Middletown</b>										
Connecticut Valley P.O. Box 351, 06457	...	State	...	1835	45	36	12	5	30 Res: Psych.	

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy - Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>CONNECTICUT, Middletown - Continued</b>										
Middlesex Memorial 28 Crescent Street, 06457	...	NP Corp	...	254	7	35	...	...	7 Int: Rot.; 4 Res: Path.	
<b>New Britain</b>										
New Britain General 100 Grand St., 06050	L-104	NP Corp	...	350	8	56	8 12	...	12 Int: Rot.; 21 Res: Surg., Med., ObG., Path.	
<b>New Canaan</b>										
Silver Hill Foundation Valley Road, 06840	...	NP Corp	...	64	59	...	...	1	2 Res: Psych.	
<b>New Haven</b>										
Hospital of St. Raphael 1450 Chapel Street, 06511	...	Church	4,5	460	9	39	16 53	3	29 Int: Rot., St. Med., St. Surg., St. Ped.; 66 Res: Anes., Surg., Med., ObG., Ortho., Path., Ped., Rad., Thor.	
Yale-New Haven 789 Howard Avenue, 06504	M-18#	NP Corp	4,5	735	9	62	...	53	58 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; 99 Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., Psych., Rad., Thor., Urol.	
Yale University Child Study Center 333 Cedar Street, 06511	M-18	NP Corp	2	0	0	0	...	6	8 Res: Child Psych.	
<b>Nawington</b>										
Newington Children's 181 E. Cedar St., 06111	...	NP Corp	...	166	45	0	...	...	...	Res: Ortho., PMR
Veterans Admin. 555 Willard Ave., 06111	...	VA	...	250	28	70	...	...	...	Int: St. Med.; Res: Surg., Med., Path.
<b>New London</b>										
Lawrence and Memorial Hospitals 365 Montauk Avenue, 06320	...	NP Corp	4,5	327	7	45	4 3	...	8 Int: Rot.; 8 Res: Surg., ObG.	
<b>Newtown</b>										
Fairfield Hills Box W, 06470	...	State	...	3134	4	36	26	3	36 Res: Psych.	
<b>Norwalk</b>										
Norwalk 24 Stevens Street, 06852	...	NP Corp	...	433	7	36	15 12	...	18 Int: Rot.; 19 Res: Surg., Med., Path., Ped.	
<b>Norwich</b>										
Norwich Box 508, 06360	...	State	4	2601	29	36	17	...	21 Res: Psych.	
<b>Shelton</b>										
Laurel Heights, 06484	...	State	...	134	172	43	...	...	...	Res: Med.
<b>Stamford</b>										
Stamford 190 West Broad, 06902	...	NP Corp	...	360	10	53	13 12	...	15 Int: Rot.; 17 Res: Surg., Med., ObG., Path.	
<b>Waterbury</b>										
St. Mary's 56 Franklin Street, 06702	...	Church	4	406	10	40	3 11	...	12 Int: Rot.; 11 Res: Surg., Path.	
Waterbury 64 Robbins Street, 06720	...	NP Corp	4	404	8	48	2 8	...	7 Int: Rot.; 18 Res: Anes., Surg., Med., Path., Ped., Urol.	
<b>West Haven</b>										
Veteran Admin. West Spring Street, 06516	M-17#	VA	4	861	55	66	1	4	...	Res: Surg., Med., Neurosurg., Neur., Ortho., Path., Psych., Rad., Urol.
<b>DELAWARE</b>										
<b>Dover</b>										
Delaware State Board of Health Federal Street, 19901	...	State	...	...	...	...	...	1	2 Res: Pub. Health	
<b>New Castle</b>										
Delaware State, 19720	L-73	State	4	1264	54	29	5	2	9 Res: Psych.	
<b>Wilmington</b>										
Alfred I. Du Pont Institute of the Nemours Foundation Rockland Rd., P.O. Box 269, 19899	...	NP Corp	...	60	31	100	...	4	4 Res: Ortho., Plast.	
Delaware Division, Wilmington Medical Center	See Wilmington	Medical Center	...	...	...	...	...	...	...	Res: Occ. Med.
E. I. Du Pont De Nemours and Company, Inc., 19898	...	Corp.	...	...	...	...	...	...	...	Res: Occ. Med.
Memorial Division, Wilmington Medical Center	See Wilmington	Medical Center	...	...	...	...	...	...	...	Res: Surg., Ortho.
Veterans Admin., 19805	G-73	VA	...	300	32	59	...	...	...	Res: Surg., Ortho.
Wilmington General Division - See Wilmington Medical Center	...	Medical Center	...	...	...	...	...	...	...	Res: Surg., Ortho.
Wilmington Medical Center Box 1668, 19899	...	NP Corp	4,5	1029	9	50	3 27	8 11	23 Int: Rot., St. Med., St. Ped.; 76 Res: G. P., Surg., Med., ObG., Path., Ped., Plast., Rad., Urol.	
<b>DISTRICT OF COLUMBIA</b>										
<b>Washington</b>										
Area C, Community Mental Health Center, 19th and E Sts. S.E., 20003	...	City	...	...	...	...	...	...	...	Res: Psych.
Armed Forces Institute of Pathology, 20305	G-20	Fed.	2,5	...	...	...	...	...	22 Res: Oph., Path., For. Path.	
Catholic University of America 4th and Michigan Ave N.E., 20017	...	NP Corp	...	...	...	...	...	...	2 Res: Child Psych.	
Children's Hospital of the District of Columbia 2125 - 13th St., N.W., 20009	M-19,20 L-21	NP Corp	4	228	5	85	...	1 22	9 Int: St. Ped.; 50 Res: Child Psych., Surg., Neurosurg., Neurosurg., Neur., Oph., Ortho., Path., Ped., Ped. All., Ped. Card., Urol.	
Columbia Hospital for Women 2425 L St N.W., 20037	M-20, L-19	NP Corp	...	152	4	55	...	...	...	Res: ObG.
District of Columbia General 19th St. and Massachusetts Ave. S.E., 20003	21 M-19# 20# ,21#	City	4,5	741	11	67	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped.; Res: Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Ped., Rad., Thor., Urol.
District of Columbia General (Crippled Children's Unit)	M-19,20,	City	...	...	...	...	...	...	...	Res: Ortho.
Doctors 1815 Eye Street, N.W., 20006	...	NP Corp	...	323	10	60	3 10	...	8 Int: Rot.; 7 Res: Surg., Med., Path.	
Eastern Dispensary and Casualty 708 Massachusetts Ave. N.E., 20002	...	NP Corp	...	250	11	36	10	...	12 Res: G. P., Surg.	
Freedmen's 6th and Bryant Streets, N.W., 20001	M-21X	NP Corp	4	439	12	43	6 24	18 38	38 Int: Rot., St. Ped.; 40 Res: Anes., Derm., Surg., Med., ObG., Oph., Path., Ped., Psych., Urol.	

CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>DISTRICT OF COLUMBIA, Washington—Continued</b>										
Georgetown University 3800 Reservoir Rd. N.W., 20007	M-19X	Church	5	397	9	82	...	...	...	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; Res: Anes.,Child Psych.,Surg.,Med., Neurosurg.,Neur.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Ped. All.,PMR, Psych.,Rad.,Urol.
George Washington University 901 23rd Street, N. W., 20037	M-20X	NP Corp	5	449	9	56	...	...	...	Int: Rot.,St. Med.,St. Surg.,St. Path.; Res: Anes.,Surg.,Med.,Neurosurg.,ObG., Oph.,Ortho.,Path.,PMR,Plast., Psych.,Rad.,Thor.,Urol.
Government of the District of Columbia Department of Public Health 300 Indiana Avenue, N.W., 20001	...	...	...	...	...	...	...	1	3	Res: Pub. Health
Malcolm Grow U. S. A. F. Andrews Air Force Base, 20331	...	USAF	2,4,5	350	11	82	...	12	14	Int: Rot.; Res: G. P.,Surg.
Providence 1150 Varum St., N. E., 20017	G-19	Church	4	367	7	50	19	...	22	Int: Rot.,St. Med.,St. Surg.; Res: Anes.,Surg.,Med.,ObG.,Path., Ped.
St. Elizabeths, 2800 Nichols Ave. S.E., 20032	M-20	H.E.W.	4	6427	1164	42	1	3	12	Int: Rot.; Res: Oph.,Path.,Psych.
Sibley Memorial 5255 Loughboro Rd., N.W., 20016	G-19	Church	...	335	8	57	1	...	2	Res: Surg.,Oph.,Ortho.,Path.
Veterans Admin. 50 Irving Street, N.W., 20422	M-19,20 L-21	VA	4,5	702	33	75	...	13	16	Int: St. Med.; Res: Surg.,Med.,Neurosurg.,Neur.,Oph., Ortho.,Otol.,Path.,PMR,Rad., Urol.
Walter Reed Army Institute of Research Walter Reed Army Medical Center, 20012	...	USA	...	...	...	...	0	5	10	Res: G. Prev. Med.
Walter Reed General 6825 16th Street, N W, 20012	M-19,L-20, 21	USA	2,4,5	1643	39	80	1	31	30	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; Res: Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Neur.,ObG.,Oph., Ortho.,Otol.,Path.,Ped.,Plast., Psych.,Rad.,Thor.,Urol.
Washington Hospital Center 110 Irving St., N.W., 20010	M-20	NP Corp	4,5	817	8	65	22	9	36	Int: Rot.,St. Med.,St. Surg.; Res: Anes.,Surg.,Med.,Neurosurg.,ObG., Oph.,Ortho.,Otol.,Path.,Rad., Urol.
<b>FLORIDA</b>										
<b>Bartow</b>										
Polk General P O Box 816, 33830	...	County	...	169	10	22	...	...	...	Int: Rot.; Res: Surg.
<b>Bay Pines</b>										
Veterans Admin., 33504	...	VA	2	660	36	46	...	...	...	Res: Urol.
<b>Daytona Beach</b>										
Halifax District Clyde Morris Boulevard, 32015	...	Dist.	...	470	9	30	...	...	8	Int: Rot.; Res: G. P.
<b>Fort Lauderdale</b>										
Broward General 1600 S. Andrews Avenue, 33316	...	Dist.	...	554	9	40	10	...	10	Res: Surg.,ObG.,Path.
<b>Gainesville</b>										
Veterans Admin., 32601	M-22	VA	...	...	...	...	...	...	...	Res: Oph.,Ortho.,Otol.
William A. Shands Teaching Hospital and Clinics University of Florida, 32601	M-22X	State	...	381	10	90	...	30	41	Int: St. Med.,St. Surg.,St. Ped.,St. Path.; Res: Anes.,Child Psych.,Surg.,Med., Neurosurg.,Neur.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Ped. Card.,Plast., Psych.,Rad.,Thor.,Urol.
<b>Hollywood</b>										
Memorial 3501 Johnson St., 33021	...	Dist.	2	408	8	32	...	1	2	Res: Path.
<b>Jacksonville</b>										
Baptist Memorial 800 Miami Road, 32207	...	Church	...	413	7	68	...	...	14	Int: Rot.,St. Path.; Res: Surg.,Med.,ObG.,Ortho.,Path., Ped.
Duval Medical Center 2000 Jefferson Street, 32206	G-22	County	5	256	8	42	...	...	38	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; Res: G. P.,Surg.,Med.,ObG.,Oph.,Ortho., Path.,Ped.,Plast.,Rad.,Urol.
Florida State Board of Health 1217 Pearl St., 32206	...	State	...	...	...	...	0	3	6	Res: Pub. Health
Hope Haven Children's 5720 Atlantic Blvd, 32207	...	NP Corp	...	72	9	87	...	...	...	Res: Ortho.
Jacksonville Hospitals Educational Program 2000 Jefferson St., 32206	...	...	...	...	...	...	...	...	...	Res: Surg.,Med.,ObG.,Ortho.,Ped., Plast.
St. Luke's 1900 Boulevard, 32206	...	NP Corp	...	239	8	33	...	...	...	Res: Surg.,Med.,ObG.,Ped.
St. Vincent's Barrs & St. Johns Avenue, 32204	...	NP Corp	...	362	7	40	9	...	20	Int: Rot.,St. Path.; Res: G. P.,Surg.,Med.,ObG.,Path., Ped.,Plast.,Urol.
U. S. Naval Naval Air Station, 32214	...	USN	2	486	13	86	...	9	9	Int: Rot.; Res: G. P.
<b>Lake City</b>										
Veterans Admin. South Marion Street, 32055	G-22	VA	...	468	31	60	...	...	...	Res: Surg.,Urol.
<b>Lakeland</b>										
Lakeland General P. O. Drawer 448, 33802	...	NP Corp	...	490	7	33	...	...	...	Int: Rot.; Res: Surg.
Lakeland General-Polk General Hospitals P. O. Drawer 448, 33802	...	Misc.	...	...	...	...	4	6	12	Int: Rot.; Res: Surg.
<b>Miami</b>										
Baptist Hospital of Miami 8900 S. W. 88th Street, 33156	...	Church	...	306	7	33	...	...	2	Res: Path.
Jackson Memorial 1700 N W 10th Avenue, 33136	M-23#	County	...	1221	12	35	11	75	91	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; Res: Anes.,Derm.,G. P.,Surg.,Med., Neurosurg.,Neur.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Plast.,Psych., Rad.,Thor.,Urol.

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Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1960	Approved Program
							Foreign	Non-Foreign		
<b>FLORIDA, Miami—Continued</b>										
Office of the Medical Examiner of Dade County	...	County	...	...	...	...	...	...	...	Res: For. Path.
Jackson Memorial Hospital, 33136	L-23	NP Corp	...	154	7	75	2	...	6 Int:	St. Ped;
Variety Children's 6125 S W 31st St, 33155	M-23#	VA	...	497	22	61	5	11	28 Res:	Anes.,Ortho.,Path.,Ped. Surg.,Med.,Neurosurg.,Neur.,Oph., Otol.,Path.,PMR,Thor.,Urol.
Veterans Admin. 1201 N.W. 16th St., 33125	...	...	...	...	...	...	...	...	...	...
<b>Miami Beach</b>										
Mount Sinai Hospital of Greater Miami 4300 Alton Road, 33140	...	NP Corp	4	531	11	41	20	4	36 Int:	Rot.;
St. Francis 250 West 63rd Street, 33141	...	Church	...	180	10	44	12	...	49 Res:	Anes.,Surg.,Med.,ObG.,Ortho., Path.,Urol.
...	...	...	...	...	...	...	...	...	12 Int:	Rot.;
...	...	...	...	...	...	...	...	...	2 Res:	Surg.
<b>Orlando</b>										
Florida Sanitarium and Hospital 601 E. Rollins, 32802	...	Church	3	411	9	36	...	...	6 Int:	Rot.;
Orange Memorial 1416 South Orange Avenue, 32806	...	NP Corp	...	647	7	44	1	...	4 Res:	Path.
...	...	...	...	...	...	...	...	...	18 Int:	Rot.;
...	...	...	...	...	...	...	...	...	51 Res:	Surg.,Med.,ObG.,Ortho.,Path., Ped.,Plast.,Urol.
<b>Pensacola</b>										
Baptist 1000 W. Moreno Street, 32501	...	NP Corp	...	336	6	40	...	...	...	Int: Rot.;
Escambia General 1200 W. Leonard Street, 32501	...	County	...	143	7	80	...	...	...	Surg.,Med.,ObG.,Path.
Pensacola Educational Program 5151 N. 9th St., 32561	...	NP Corp	...	...	...	...	1	6	...	Int: Rot.;
Sacred Heart 5151 N. Ninth Avenue, 32561	...	NP Corp	...	250	5	30	...	...	20 Res:	Surg.,Med.,ObG.,Path.
U. S. Naval, 32512	...	USN	2	400	18	56	...	...	...	Int: Rot.;
U. S. Naval Aerospace Medical Institute	...	USN	...	...	...	...	...	...	7 Int:	Surg.,Med.,ObG.,Path.
U. S. Naval Aviation Medical Center, 32512	...	...	...	...	...	...	...	...	...	Res: Aero. Med.
<b>St. Petersburg</b>										
Mound Park 701 Sixth Street, South, 33701	...	City	...	695	10	41	...	13	16 Int:	Rot.;
...	...	...	...	...	...	...	1	6	13 Res:	G. P.,Surg.,ObG.,Path.
<b>Tampa</b>										
Tampa General Davis Islands, 33606	...	County	...	612	8	44	2	17	21 Int:	Rot.,St. Path.;
...	...	...	...	...	...	...	11	35	63 Res:	Anes.,Surg.,Med.,ObG.,Otol., Path.,Ped.,Rad.,Urol.
<b>Tarpon Springs</b>										
Anclote Manor P.O. Box 1224, 33589	...	NP Corp	...	76	...	...	...	...	...	Res: Psych.
<b>GEORGIA</b>										
<b>Atlanta</b>										
Crawford W. Long Memorial 35 Linden Avenue, N.E., 30308	G-25X	NP Corp	...	450	8	34	4	...	12 Int:	Rot.;
Emory University 1364 Clifton Rd., N.E., 30322	M-25X	NP Corp	...	339	10	61	...	5	36 Res:	Surg.,Med.,ObG.,Path.
...	...	...	...	...	...	...	...	...	12 Int:	St. Surg.,St. Path.;
...	...	...	...	...	...	...	...	...	...	Res: Anes.,Child Psych.,Surg.,Med., Neurosurg.,Ortho.,Otol.,Path., PMR,Psych.,Rad.,Thor.
Emory University Affiliated Hospitals(Includes Emory University Hospital, Grady Memorial Hospital, Henrietta Eggleston Hospital, Veterans Admin. Hospital, and Georgia Warm Springs Foundation, Warm Springs)	M-25X	Misc.	...	...	...	...	...	22	22 Int:	St. Med.;
...	...	...	...	...	...	...	6	151	176 Res:	Anes.,Med.,Neurosurg.,Ortho., Otol.,Path.,Ped.,PMR,Psych., Rad.,Thor.
Georgia Baptist 300 Boulevard, N.E., 30312	...	Church	...	...	...	...	...	5	17 Int:	Rot.,St. Med.,St. Surg.,St. Ped., St. ObG.;
Georgia Mental Health Institute 1256 Briarcliff Rd. N.E., 30306	L-25#	State	...	...	...	...	1	14	25 Res:	Surg.,Med.,ObG.,Ortho.,Ped. Child Psych.
Grady Memorial 80 Butler St., S.E., 30303	M-25#	County	8	835	10	71	...	72	72 Int:	Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;
...	...	...	...	...	...	...	...	118	105 Res:	Anes.,Derm.,Med.,Neurosurg.,Neur., ObG.,Oph.,Ortho.,Otol.,Path., Ped.,Ped. Card.,PMR,PMR,Psych., Rad.,Thor.,Urol.
Henrietta Eggleston Hospital for Children 1405 Clifton Road, N.E., 30333	M-25#	NP Corp	...	100	5	74	...	...	...	Res: Surg.,Neurosurg.,Ortho.,Otol., Ped.
Piedmont 1968 Peachtree Road, N.W., 30309	...	NP Corp	...	286	7	40	...	1	10 Int:	Rot.;
St. Joseph's Infirmary 265 Ivy Street, N.E., 30303	...	Church	...	309	8	44	1	...	11 Res:	Surg.,Med.,Path.
State of Georgia Dept. of Public Health 47 Trinity Avenue, S.W., 30334	...	State	...	...	...	...	9	2	9 Int:	Rot.,St. Med.,St. Surg.,St. Path.;
Veterans Admin. 1670 Clairmont Rd., N.E., Box 29457, 30329	L-25#	VA	8	416	21	53	...	...	19 Res:	Surg.,Med.,ObG.,Path.,Urol.
...	...	...	...	...	...	...	...	...	2 Res:	Pub. Health
<b>Augusta</b>										
Eugene Talmadge Memorial 1120 Fifteenth, 30902	M-24X	State	...	...	...	...	...	...	38 Int:	Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;
...	...	...	...	...	...	...	3	23	...	Res: Anes.,Derm.,Surg.,Med.,Neurosurg., Neur.,ObG.,Oph.,Ortho.,Path., Ped.,Ped. Card.,Psych.,Rad.,Thor., Urol.
Medical College of Georgia Hospitals(Includes Eugene Talmadge Memorial Hospital, University Hospital, Veterans Admin. Hospital)	M-24	...	...	...	...	...	...	...	...	Res: Anes.,Derm.,Surg.,Med.,Neurosurg., ObG.,Oph.,Ortho.,Path.,Ped., Ped. Card.,Psych.,Rad.,Thor., Urol.
University University Place, 30902	M-24	County	...	467	8	23	...	5	18 Int:	Rot.;
...	...	...	...	...	...	...	...	...	...	Res: Derm.,Surg.,Med.,Neurosurg.,ObG., Oph.,Ortho.,Path.,Ped.
Veterans Admin. Wrightsboro Road, 30904	M-24#	VA	...	1744	118	56	...	...	...	Res: Derm.,Surg.,Med., Neurosurg.,Oph.,Ortho., Psych.,Thor.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>GEORGIA - Continued</b>										
<b>Columbus</b>										
Medical Center 710 Center Avenue, 31901	...	City	...	531	7	43	1	5	16 Int; 6 Res;	Rot.; G. P., Ortho.
<b>Decatur</b>										
Scottish Rite Hospital for Crippled Children 321 West Hill St., 30030	...	NP Corp	2,3,5	60	22	0	...	2	3 Res;	Ortho.
<b>Fort Benning</b>										
Martin Army, 31905	...	USA	...	650	11	55	...	5	5 Res;	Surg.
<b>Macon</b>										
Macon 777 Hemlock Street, 31201	...	NP Corp	2,3	501	6	22	...	27	24 Int; 24 Res;	Rot.; G. P., Surg., ObG.
<b>Milledgeville</b>										
Central State P.O. Box 325, 31062	...	State	...	10399	87	29	21	5	30 Res;	Psych.
<b>Rome</b>										
Batley State, 30161	...	State	...	503	123	61	...	...	...	Res: Thor.
Floyd Turner Mc Call Boulevard, 30161	...	County	...	261	6	10	1	6	9 Int;	Rot;
<b>Savannah</b>										
Memorial Medical Center Waters Ave. at 63rd St., 31405	...	Dist.	...	250	8	31	...	13	18 Int; 19 Res;	Rot.; Surg., Med., ObG., Path., Urol.
<b>Warm Springs</b>										
Georgia Warm Springs Foundation, 31830	...	NP Corp	...	120	41	0	...	2	12 Res;	PMR, PMR
<b>HAWAII</b>										
<b>Honolulu</b>										
Kapiolani Maternity and Gynecological 1319 Punahou St., 96814	L-105	NP Corp	...	110	4	61	...	...	...	Res: ObG.
Kauikaeolani Children's 226 N. Kuakini St., 96817	L-105	NP Corp	...	80	5	85	...	4	3 Int; 8 Res;	Rot.; Ped.
Kuakini Hospital and Home 347 N. Kuakini St., 96817	L-105	NP Corp	...	202	8	55	6	1	12 Int; 4 Res;	Rot.; Surg., Path.
Queen's 1301 Punchbowl St., 96813	L-105, G-16	NP Corp	4	431	8	55	2	14	17 Int; 16 Res;	Rot., St. Surg.; Surg., Med., ObG., Path., Psych., Rad.
St. Francis 2260 Liliha Street, 96817	...	Church	4	260	7	45	2	10	12 Int; 9 Res;	Rot.; Surg., Med., ObG., Path.
Shriners Hospital for Crippled Children 1310 Punahou Street, 96814	G-16	NP Corp	...	60	77	0	...	...	...	Res: Ortho.
Tripler General A.P.O. 96438, San Francisco, 96438	L-105	USA	2,3,4,5	1000	12	77	...	34	36 Int; 68 Res;	Rot., St. Med., St. Surg., St. Ped., St. Path.; Surg., Med., ObG., Ortho., Path., Ped., Rad., Urol.
University of Hawaii School of Public Health, 96822	...	State	...	...	...	...	...	...	6 Res;	G. Prev. Med.
<b>Kaneohe</b>										
Hawaii State Keaahala Road, 96744	...	State	...	687	168	67	...	...	...	Res: Psych.
<b>IDAHO</b>										
<b>Idaho Falls</b>										
U. S. Atomic Energy Commission, Idaho Operations Office P. O. Box 2108,	...	AEC	...	...	...	...	...	...	1 Res;	Occ. Med.
<b>ILLINOIS</b>										
<b>Belleville</b>										
U. S. Air Force Scott A.F.B., 62225	...	USAF	2,4	300	13	55	...	...	12 Int;	Rot;
<b>Berwyn</b>										
Mac Neal Memorial 3249 Oak Park Avenue, 60402	L-30	NP Corp	...	423	9	37	14	1	20 Int; 18 Res;	Rot.; G. P., Surg., ObG., Path.
<b>Chicago</b>										
American Hospital of Chicago 850 W. Irving Park, 60613	...	NP Corp	...	168	9	43	5	...	5 Res;	Surg., Path.
Augustana 411 West Dickens Ave., 60614	...	Church	...	350	11	39	11	...	12 Int; 3 Res;	Rot.; Path.
Charles H. and Rachel M. Schwab Rehabilitation 1401 S. California Blvd., 60608	M-26	NP Corp	...	88	47	0	...	...	...	Res: PMR
Chicago Maternity Center 1336 S. Newberry Ave., 60608	L-27	NP Corp	...	...	...	...	...	...	...	Res: ObG.
Chicago Medical School Affiliated Hospitals (Includes Mount Sinai Medical Center of Chicago and Charles H. and Rachel M. Schwab Rehabilitation Hospital.)	M-26#	Misc.	...	...	...	...	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Med., ObG., Path., Ped., PMR, Psych., Urol.
Chicago State 6500 W. Irving Park Rd., 60634	L-26	State	...	4000	...	14	...	...	...	Res: Psych.
Chicago State Tuberculosis Sanitarium 1919 W Taylor, 60612	...	State	...	346	156	46	...	1	1 Res;	Thor.
Chicago Wesley Memorial 250 East Superior Street, 60611	M-27#	Church	...	655	11	62	0	33	38 Int; ... Res;	Rot., St. Med., St. Path.; Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Psych., Rad., Urol.
Children's Memorial 2300 Children's Plaza, 60614	M-27#	NP Corp	4,5	236	8	82	0	6	8 Int; ... Res;	St. Ped.; Anes., Surg., Neurosurg., Neur., Oph., Ortho., Otol., Path., Ped., Ped. Card., Rad., Thor., Urol.
City of Chicago Municipal Tuberculosis Sanitarium 5601 N Pulaski Road, 60646	L-28	City	...	1000	182	50	3	1	4 Res;	Thor.
Columbus 2520 N Lakeview Avenue, 60614	...	Church	1	407	12	34	...	...	...	Int: Rot.; Surg., Path., Rad.
Columbus-Cuneo Medical Center,	...	Misc.	...	...	...	...	21	...	26 Int;	Rot;
							6	...	6 Res;	Surg., Path., Rad.

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>ILLINOIS, Chicago - Continued</b>										
Cook County 1825 W Harrison St., 60612	M-26,27, 28,30	County	5	2747	9	45	44	90	147 Int;	Rot., St. Med., St. Surg., St. Ped., St. Path.;
Edgewater 5700 N Ashland Avenue, 60626	...	NP Corp	...	389	10	36	21	1	24 Int;	Rot.;
Englewood 6001 South Green Street, 60621	...	NP Corp	...	169	8	41	6	...	8 Res;	Path., Ped.
Frank Cuneo 750 W Montrose, 60613	...	Church	1	176	9	42	...	...	2 Res;	Path.
Grant 551 Grant Place, 60614	L-30	NP Corp	...	340	7	43	12	...	17 Int;	Rot.;
Holy Cross 2701 West 68th Street, 60629	...	Church	2,3	384	9	38	12	...	17 Res;	G. P., Surg., Path., Ped.
Illinois Central 5800 Stony Island Avenue, 60637	L-30	NP Corp	...	299	12	35	9	...	18 Int;	Rot.;
Illinois Eye and Ear Infirmary 1855 W. Taylor St., 60612	M-30X	State	...	70	7	77	2	3	6 Res;	Surg., Path.
Illinois Masonic 836 W Wellington Ave., 60657	...	NP Corp	...	544	10	52	23	10	...	Res: Surg., Oph., Otol.
Illinois State Psychiatric Institute 1601 West Taylor Street, 60612	M-26# 28,L-27,30	State	...	310	76	0	25	25	64 Res;	Psych.
Institute for Juvenile Research 907 South Wolcott Avenue, 60612	L-30	State	...	...	...	...	5	2	14 Res;	Child Psych.
Jackson Park 7531 Stony Island Ave., 60649	...	NP Corp	...	185	9	50	4	...	10 Res;	G. P., Path.
Louis A. Weiss Memorial 4646 N. Marine Drive, 60640	L-30	NP Corp	...	250	11	47	...	1	12 Int;	Rot.;
Mercy Hospital and Medical Center 2510 Martin Luther King Dr., 60616	...	Church	...	355	11	49	25	1	31 Res;	G. P., Med., Path.
Michael Reese Hospital and Medical Center 2929 South Ellis Avenue, 60616	G-27	NP Corp	4	933	12	52	8	...	15 Int;	Rot., St. Med., St. Surg., St. Path.;
Mount Sinai Hospital Medical Center of Chicago 2755 West 15th Street, 60608	M-26#	NP Corp	4	426	9	56	32	7	42 Res;	Surg., Med., Neurosurg., ObG., Path., Rad., Urol.
Northwestern University Medical Center (Includes Chicago Wesley Memorial Hospital, Children's Memorial Hospital, Evanston Hospital (Evanston), Passavant Memorial Hospital, Veterans Admin. Research Hospital.) 303 E. Chicago Ave., 60611	M-27	Misc.	...	...	...	...	...	...	56 Int;	Rot., St. Med., St. Surg., St. Ped., St. Path.;
Norwegian-American 1044 North Francisco Avenue, 60622	...	NP Corp	...	222	9	35	6	...	12 Int;	Rot.;
Passavant Memorial 303 E. Superior Street, 60611	M-27,G-93	NP Corp	...	365	10	60	13	19	27 Int;	Rot., St. Med.;
Presbyterian-St. Luke's 1753 W. Congress Pkwy., 60612	M-30#	NP Corp	...	836	12	64	4	35	...	Res: Anes., Surg., Med., ObG., Oph., Ortho., Otol., Path., Plast., Psych., Rad., Urol.
Ravenswood 1931 W. Wilson Ave., 60640	...	NP Corp	...	282	9	31	3	...	42 Int;	St. Med., St. Surg., St. Ped., St. Path.;
Rehabilitation Institute of Chicago 401 East Ohio, 60611	L-27	NP Corp	...	71	73	0	11	...	151 Res;	Anes., Child Psych., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., Plast., Psych., Rad., Thor., Urol.
Resurrection 7435 W. Talcott Avenue, 60631	...	Church	1	265	8	44	2	...	6 Res;	PMR
St. Anne's 4950 West Thomas Str., 60651	G-27	Church	...	436	9	31	12	...	12 Int;	Rot.;
St. Anthony De Padua 2875 W. 19th Street, 60623	...	Church	...	209	9	38	4	...	18 Int;	Rot.;
St. Elizabeth's 1431 N. Claremont Ave, 60622	...	Church	...	342	10	30	4	...	8 Res;	Surg., Ortho., Path.
St. Frances Xavier Cabrini 811 South Lytle, 60607	...	Church	...	214	8	34	...	...	2 Res;	Surg.
St. Joseph 2900 North Lake Shore Dr., 60657	...	Church	...	488	11	48	13	2	25 Int;	Rot., St. Path.;
St. Mary of Nazareth 1120 N. Leavitt St., 60622	...	Church	...	285	11	27	21	6	30 Res;	Surg., Med., ObG., Path.
Shriners Hospital for Crippled Children 2211 N. Oak Park Ave., 60635	...	NP Corp	2	68	62	0	...	...	20 Int;	Rot.;
South Chicago Community 2320 E. 93rd Street, 60617	...	NP Corp	...	300	9	31	12	...	2 Res;	Path.
Swedish Covenant 5145 N. California Ave., 60625	...	Church	...	240	11	34	8	1	12 Int;	Rot.;
University of Chicago Hospitals and Clinics 950 East 59 Street, 60637	M-29X	NP Corp	4,5	675	11	78	6	44	53 Int;	Rot., St. Med., St. Surg., St. Ped., St. Path., St. ObG.;
							41	135	185 Res;	Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., Psych., Rad., Thor., Urol.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>ILLINOIS, Chicago—Continued</b>										
University of Illinois Affiliated Hospitals (Includes University of Illinois Research and Educational Hospitals and Veterans Admin. Hospital (West Side))	M-30X	Misc.	...	...	...	...	36	14	24 Int: 195 Res:	St. Med.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Urol.
University of Illinois Research and Educational Hospitals 840 S. Wood Street, 60612	M-30X	State	8	602	13	76	...	...	...	Int: St. Med., St. Surg., St. Ped., St. Path.; Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Urol.
Veterans Admin. (West Side) 820 S. Damen Avenue, 60612	M-30	VA	8	545	25	70	17	17	33 Int: 33 Res:	St. Med.; Surg., Med., Ortho., Path., PMR, Psych., Urol.
Veterans Admin. Research 333 E. Huron St., 60611	M-27	VA	4	505	22	61	...	...	...	Res: Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Plast., Psych., Rad., Urol.
<b>Decatur</b>										
Decatur and Macon County 2300 N. Edward, 62526	...	NP Corp	...	363	8	55	...	...	9 Int: 4 Res:	Rot.; Path.
<b>Downey</b>										
Veterans Admin., 60064	L-27	VA	...	3487	179	74	...	...	...	Res: Psych.
<b>Evanston</b>										
Evanston 2650 Ridge Avenue, 60201	M-27#	NP Corp	4	515	9	74	2	30	41 Int: 14 Res:	Rot., St. Med., St. Path.; Anes., Surg., Med., Neurosurg., ObG., Oph., Ortho., Path., Ped., Psych., Rad.
St. Francis 355 Ridge Avenue, 60202	G-27	Church	...	520	10	50	11	5	20 Int: 29 Res:	Rot.; G. P., Surg., Med., ObG., Ortho., Path., Ped., Plast., Rad.
<b>Evergreen Park</b>										
Little Company of Mary 2800 West 95th Street, 60642	L-28	Church	...	560	9	37	6	1	24 Int: 33 Res:	Rot.; Surg., ObG., Path., Ped., Rad.
<b>Galesburg</b>										
Galesburg State Research 1801 N Seminary Street, 61401	...	State	...	1839	221	13	3	...	8 Res:	Psych.
<b>Great Lakes</b>										
U. S. Naval, 60088	...	USN	4,8	1111	27	80	...	12	12 Int: 14 Res:	Rot.; Surg., Med., ObG.
<b>Hines</b>										
Loyola University Hospital 1400 S. First Avenue, 60141	M-28	NP Corp	...	262	...	...	...	...	18 Int:	Rot.;
Madden Mental Health Center	M-28#	NP Corp	...	...	...	...	...	...	...	Res: Psych.
Veterans Admin. 5th Ave. & Roosevelt Rd., 60141	M-28, L-30 G-27	VA	4,8	2079	45	52	61	65	168 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Plast., Psych., Rad., Thor., Urol.
<b>Hinsdale</b>										
Hinsdale Sanitarium and Hospital 120 North Oak Street, 60521	...	NP Corp	...	360	9	49	4	6	14 Int:	Rot.;
Suburban Cook County Tuberculosis Sanitarium District 55th & County Line Road, 60521	...	Dist.	...	206	118	90	1	...	1 Res:	Thor.
<b>Joliet</b>										
St. Joseph 333 N. Madison St., 60435	...	Church	...	444	9	18	5	...	6 Res:	Anes.
<b>Oak Lawn</b>										
Christ Community 4440 West 95th Street, 60453	...	Church	...	484	9	35	21	...	26 Int: 26 Res:	Rot.; Surg.
<b>Oak Park</b>										
West Suburban 518 N Austin Blvd, 60302	L-30	NP Corp	...	386	9	51	12	2	22 Int: 31 Res:	Rot.; G. P., ObG., Ortho., Path., Rad.
<b>Park Ridge</b>										
Lutheran General 1775 Dempster, 60068	L-30	NP Corp	...	495	9	50	...	2	25 Int: 4 Res:	Rot.; Ortho., Path.
<b>Peoria</b>										
Institute of Physical Medicine and Rehabilitation 619 N E Glen Oak Avenue, 61603	...	NP Corp	...	156	34	...	...	1	3 Res:	PMR
Methodist Hospital of Central Illinois 221 N. E. Glen Oak Avenue, 61603	...	Church	...	481	10	38	12	...	16 Res:	G. P., Surg., Path.
St. Francis 530 N E Glenoak, 61603	...	Church	...	643	10	49	...	4	28 Int: 31 Res:	Rot.; G. P., Surg., Med., ObG., Ortho., Path., Ped., Rad.
<b>Rockford</b>										
Rockford Memorial 2400 N Rockton Avenue, 61101	...	NP Corp	...	264	7	46	2	10	13 Int: 3 Res:	Rot., St. Path.; Path.
<b>Springfield</b>										
Illinois State Department of Health, 62706	...	State	...	...	...	...	...	...	8 Res:	Pub. Health
<b>Urbana</b>										
Carle Foundation 611 West Park Street, 61801	...	NP Corp	8	156	7	35	...	...	1 Res:	Path.
<b>INDIANA</b>										
<b>Elkhart</b>										
Elkhart General 600 East Blvd, 46514	...	NP Corp	...	279	8	25	...	...	...	Res: Path.
<b>Evansville</b>										
St. Mary's 3700 Washington Avenue, 47715	...	Church	...	402	9	33	...	...	6 Int: 2 Res:	Rot.; Path.
<b>Fort Wayne</b>										
Fort Wayne Medical Education Program 700 Indiana Bank Bldg., 46802	...	Misc.	...	...	...	...	...	...	30 Int:	Rot.;
Lutheran Hospital of Fort Wayne 3024 Fairfield, 46807	...	Church	8	464	10	39	...	4	...	Int: Rot.; Surg., Ortho.

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							Foreign	Non-Foreign		
<b>INDIANA, Fort Wayne - Continued</b>										
Parkview Memorial 2200 Randalia Dr., 46805	...	Church	2	526	32	8	...	...	...	Int: Rot;
St. Joseph's Hospital of Fort Wayne 700 Broadway, 46802	...	Church	...	414	9	36	...	...	5	Int: Rot; Res: Path.
<b>Gary</b>										
Methodist Hospital of Gary 1600 West Sixth Avenue, 46402	...	Church	...	350	7	47	...	...	8	Int: Rot; Res: Path.
St. Mary Mercy 540 Tyler Street, 46402	...	Church	...	297	7	36	2	...	4	Res: Path.
<b>Indianapolis</b>										
Indiana University Hospitals 1100 West Michigan, 46207	M-31X	State	4,8	486	10	67	...	36	57	Int: St. Med., St. Surg., St. Ped., St. Path.; Res: Anes., Child Psych., Derm., G. P., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., For. Path., Ped., Ped. Card., Plast., Psych., Rad., Urol.
Indiana University Medical Center (Includes Indiana University Hospitals, Larue D. Carter Memorial Hospital, Some Programs of Marion County General Hospital, and Veterans Admin. Hospital)	M-31	Misc.	...	...	...	...	11	190	262	Res: Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., For. Path., Ped., Plast., Psych., Rad., Urol.
Larue D. Carter Memorial 1315 West Tenth Street, 46202	L-31X	State	...	235	185	...	...	...	...	Res: Child Psych., Psych.
Marion County General 960 Locke Street, 46207	M-31#	Cy-Co	4,8	594	10	49	...	24	35	Int: Rot; Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Plast., Psych., Rad., Urol.
Methodist Hospital of Indiana 1604 N. Capitol Ave., 46202	...	Church	...	872	10	47	...	23	33	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; Res: Anes., G. P., Surg., Med., Neurosurg., ObG., Ortho., Otol., Path., Ped., Rad., Urol.
St. Vincent's 120 West Fall Creek, 46208	...	Church	8	315	8	47	1	2	11	Int: Rot., St. Path.; Res: Surg., ObG., Ortho., Path., Rad.
Veterans Admin. 1481 West Tenth Street, 46202	M-31#	VA	4	671	27	70	...	...	...	Res: Anes., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Plast., Psych., Rad., Urol.
<b>Lafayette</b>										
St. Elizabeth 1501 Hartford Street, 47904	...	Church	...	341	9	26	1	...	4	Res: Path.
<b>Mishawaka</b>										
St. Joseph 215 West Fourth St., 46544	...	Church	...	101	7	24	...	...	...	Res: Path.
<b>Muncie</b>										
Ball Memorial 2401 University Ave., 47303	...	NP Corp	...	450	9	40	...	...	12	Int: Rot; Res: Surg., Path.
<b>South Bend</b>										
Memorial Hospital of South Bend 615 N Michigan St, 46601	...	NP Corp	8	368	9	36	...	12	12	Int: Rot; Res: G. P., Path.
St. Joseph's 811 E Madison St, 46622	...	Church	8,8	341	9	28	...	10	10	Int: Rot; Res: G. P., Path.
South Bend Medical Foundation Hospitals 531 North Main Street, 46601	...	NP Corp	...	1088	8	28	...	...	3	Int: St. Path.; Res: Path.
<b>IOWA</b>										
<b>Cedar Rapids</b>										
Mercy 835 6th Ave. S.E., 52403	L-32	Church	...	385	7	45	...	...	...	Int: Rot; Res: Surg.
St. Luke's Methodist 1026 A Ave. N. E., 52402	L-32	Church	...	400	7	48	...	...	4	Int: Rot; Res: Surg., Path.
<b>Cherokee</b>										
Mental Health Institute 1200 W Cedar St., 51012	...	State	...	529	...	73	3	8	18	Res: Psych.
<b>Des Moines</b>										
Broadlawn Polk County 18th & Hickman Road, 50314	L-32	County	...	175	7	38	...	7	12	Int: Rot; Res: G. P., Surg.
Des Moines Child Guidance Center 1206 Pleasant St., 50309	...	NP Corp	...	...	...	...	...	...	...	Res: Child Psych.
Iowa Lutheran 716 Parnell Avenue, 50316	L-32	Church	...	340	11	28	...	2	14	Int: Rot;
Iowa Methodist 1200 Pleasant, 50308	L-32	Church	...	538	9	49	...	5	13	Int: Rot., St. Ped.; Res: Surg., Path., Ped., Rad.
Mercy 6th and University, 50314	L-32	Church	...	300	8	37	14	...	16	Int: Rot., St. Path.; Res: Path.
Veterans Admin. Center 30th and Euclid Aves, 50308	G-32	VA	...	386	22	52	10	4	17	Res: Surg., Path., Urol.
<b>Independence</b>										
Mental Health Institute, 50644	...	State	8	586	77	59	3	5	16	Res: Psych.
<b>Iowa City</b>										
State Psychopathic 500 Newton Rd, 52240	M-32X	State	...	...	...	...	1	10	18	Res: Child Psych., Psych.
University of Iowa Hospitals Newton Road, 52240	M-32X	State	8	1137	10	69	...	40	50	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Rad., Thor., Urol.
Veterans Admin. Highway 6-West, 52240	M-32#	VA	4,8	475	24	74	...	...	4	Res: Anes., Surg., Med., Neurosurg., Neur., Otol., Path.
<b>KANSAS</b>										
<b>Kansas City</b>										
Bethany 51 North 12th Street, 66102	...	NP Corp	8	205	8	54	1	1	8	Int: Rot;

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>KANSAS, Kansas City—Continued</b>										
University of Kansas Medical Center 39th & Rainbow, 66103	M-33X	State	...	526	9	75	1	15	32 Int;	Rot., St. Med., St. Surg., St. Ped., St. Path.;
							42	129	197 Res;	Anes., Child Psych., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., PMR, Plast., G. Prev. Med., Psych., Rad., Thor., Urol.
<b>Topeka</b>										
C. F. Menninger Memorial 3617 W 6th St Box 829, 66601	...	NP Corp	...	150	277	0	...	...	...	Res: Psych.
Children's Division, the Menninger Foundation 3617 W. 6th St., 66601	...	NP Corp	...	...	...	...	2	12	16 Res;	Child Psych.
Topeka State 2700 West Sixth, 66606	...	State	...	1005	...	90	...	...	...	Res: Psych.
Veterans Admin. 2200 Gage Blvd., 66622	...	VA	...	1011	206	78	...	...	...	Res: Psych.
<b>Wadsworth</b>										
Veterans Admin. Center, 66089	...	VA	4,6	737	72	65	2	4	8 Res;	Surg., Urol.
<b>Wichita</b>										
St. Francis 929 N. St. Francis, 67214	G-33	Church	...	850	10	52	5	7	22 Int;	Rot., St. Med., St. Surg.;
							15	11	41 Res;	Anes., G. P., Surg., Med., ObG., Ortho., Path., Rad., Urol.
St. Joseph Hospital and Rehabilitation Center 3400 Grand Ave., 67218	...	Church	...	349	8	20	2	4	10 Int;	Rot.;
							...	...	...	Res: Path.
Sedgwick County Hospital and Clinic 1001 N Minneapolis, 67214	...	County	...	117	12	17	...	...	...	Res: ObG., Urol.
Veterans Admin. Center 5500 East Kellogg, 67218	G-33	VA	...	252	31	69	10	3	16 Res;	Surg., Med., Ortho., Path., Urol.
Wesley Medical Center 550 North Hillside, 67214	G-33	Church	...	543	8	35	...	8	20 Int;	Rot.;
							1	9	12 Res;	G. P., Surg., Med., Ortho., Path.
<b>KENTUCKY</b>										
<b>Fort Campbell</b>										
U. S. Army, 42223	...	USA	...	560	12	62	...	4	4 Res;	Surg.
<b>Fort Knox</b>										
Ireland Army, Fort Knox, 40121	...	USA	2,4,6	500	11	69	...	4	5 Res;	Surg.
<b>Harlan</b>										
Harlan Appalachian Regional, 40831	L-34	NP Corp	...	179	9	25	8	3	12 Res;	Surg., Path.
<b>Lexington</b>										
Good Samaritan 310 South Limestone Street, 40508	L-34	Church	...	234	7	18	...	...	...	Res: Ortho.
St. Joseph 1400 Harrodsburg Road, 40504	L-34	Church	...	305	7	49	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
Shriners Hospital for Crippled Children 1900 Richmond Road, 40502	L-34, G-27	NP Corp	...	50	52	...	6	1	7 Res;	Surg., Ortho., Path., Plast., Urol.
							1	1	2 Res;	Ortho.
U. S. Public Health Service Leestown Pike, 40507	...	USPHS	2,4,6	1086	159	38	...	...	...	Res: Psych.
University 800 Rose Street, 40506	M-34X	State	4,6	335	10	57	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
							...	...	...	Res: Anes., Surg., Med., Neurosurg., ObG., Oph., Ortho., Path., Ped., Ped. All., Plast., Psych., Rad., Urol.
University of Kentucky College of Medicine Department of Community Medicine, 40506	...	...	...	...	...	...	...	3	12 Res;	G. Prev. Med.
University of Kentucky Medical Center (Includes University Hospital, St. Joseph Hospital, and Veterans Admin. Hospital.)	M-34	Misc.	...	...	...	...	...	42	51 Int;	Rot., St. Med., St. Surg., St. Ped., St. Path.;
							9	54	86 Res;	Anes., Surg., Med., Plast., Psych., Urol.
Veterans Admin. Leestown Pike, 40507	M-34#	VA	...	1031	206	64	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
							...	...	...	Res: Anes., Surg., Med., Ortho., Plast., Psych., Urol.
<b>Louisville</b>										
Central State, 40223	...	State	...	1553	105	48	...	...	...	Res: Psych.
Children's 226 East Chestnut, 40202	M-35#	NP Corp	...	120	6	66	...	...	...	Int: St. Ped.;
							...	...	...	Res: Anes., Surg., Neurosurg., Oph., Otol., Path., Ped., Ped. All., Ped. Card., Rad., Thor., Urol.
Jewish 217 E. Chestnut Street, 40202	M-35#	NP Corp	...	260	7	39	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
							...	...	...	Res: Med., Thor.
John N. Norton Memorial Infirmary 231 West Oak Street, 40203	L-35	Church	...	307	9	31	5	...	6 Int;	Rot.;
							5	...	6 Res;	Surg., Neurosurg., Psych.
Kosair Crippled Children 982 Eastern Pkwy, 40217	G-35#	NP Corp	...	100	40	...	...	...	...	Res: Ortho.
Louisville Area Mental Health Center 231 W. Oak, 40203	...	NP Corp	...	...	...	...	...	...	...	Res: Psych.
Louisville Child Guidance Clinic 206 East Chestnut, 40202	...	NP Corp	...	...	...	...	...	...	4 Res;	Child Psych., Psych.
Louisville General 323 E. Chestnut St., 40202	M-35#	Cy-Co	4,6	390	8	60	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
							...	...	...	Res: Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Psych., Psych., Rad., Thor., Urol.
Rehabilitation Center 220 East Madison Street, 40202	...	NP Corp	...	30	44	...	...	...	2 Res;	PMR
St. Joseph Infirmary 735 Eastern Parkway, 40217	...	Church	...	500	8	38	3	13	24 Int;	Rot.;
							11	9	28 Res;	Surg., Med., ObG., Ped., Rad.

CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>KENTUCKY, Louisville - Continued</b>										
University of Louisville Affiliated Hospitals (Includes Children's Hospital, Jewish Hospital, Louisville General Hospital, Veterans Admin. Hospital)	M-35	Misc.	...	...	...	...	1	14	40	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
Veterans Admin. Mellwood & Zorn Avenues, 40202	M-35#	VA	4,5	496	24	62	...	...	193	Res: Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., PMR, Psych., Rad., Thor., Urol.
Veterans Admin. Mellwood & Zorn Avenues, 40202	M-35#	VA	4,5	496	24	62	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
Veterans Admin. Mellwood & Zorn Avenues, 40202	M-35#	VA	4,5	496	24	62	...	...	...	Res: Surg., Med., Neur., Oph., Ortho., Otol., Path., Psych., Rad., Thor., Urol.
<b>LOUISIANA</b>										
<b>Alexandria</b>										
Veterans Admin., 71301	G-37	VA	...	498	...	50	...	...	...	Res: Urol.
<b>Independence</b>										
Lallie Kemp Charity Hospital Hwy 51, Box 7, 70443	M-37#	State	...	...	...	...	...	...	...	Res: Surg.
<b>Jackson</b>										
East Louisiana State, 70748	...	State	2	3077	642	25	...	...	...	Res: Psych.
<b>Lafayette</b>										
Lafayette Charity 311 West St. Mary Blvd., 70501	G-36	State	...	358	7	53	2	6	20	Rcs: G. P., Surg.
<b>Lake Charles</b>										
Lake Charles Charity 1000 Walter St., 70601	G-36	State	...	166	9	31	...	...	...	Int: Rot.;
<b>Mandeville</b>										
Southeast Louisiana P. O. Box 3850, 70448	G-37#	State	2	498	60	78	...	...	...	Res: Psych.
<b>Monroe</b>										
E. A. Conway Memorial 4801 South Grand, 71201	...	State	5	143	5	23	7	1	14	Res: G. P., Surg., Ortho., Thor.
<b>New Orleans</b>										
Charity Hospital of Louisiana 1532 Tulane Avenue, 70140	M-36# 37#	State	4,5	2125	15	63	...	...	138	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
Eye, Ear, Nose and Throat 145 Elk Place, 70112	G-37	NP Corp	1,2	108	3	...	2	19	22	Res: Oph., Otol.
Ochsner Foundation 1516 Jefferson Highway, 70121	L-37	NP Corp	5	348	10	71	...	3	16	Int: Rot., St. Med., St. Surg.;
Southern Baptist 2700 Napoleon Avenue, 70115	L-37	Church	...	426	7	41	...	2	24	Int: Rot., St. Med., St. Surg.;
Touro Infirmary 1400 Foucher Street, 70115	L-37	NP Corp	...	525	9	35	...	2	20	Int: Rot., St. Med., St. Surg., St. ObG.;
Tulane University School of Medicine 1430 Tulane Ave, 70112	M-37	State	...	...	...	...	...	8	21	Res: Child Psych., G. Prev. Med.
U. S. Public Health Service 210 State St, 70118	L-37	USPHS	2,3,4	403	18	72	...	18	20	Int: Rot.;
Veterans Admin. 1601 Perdido Street, 70140	L-37	VA	4	591	26	58	24	13	38	Res: Anes., Surg., Med., Neurosurg., Oph., Ortho., Path., Plast., Psych., Urol.
<b>Pineville</b>										
Huey P. Long Charity Hospital Blvd, 71360	M-37#	State	2	212	8	30	1	1	...	Int: Rot.;
<b>Shreveport</b>										
Confederate Memorial Medical Center 1541 Kings Highway, 71103	G-37	State	2,3,4,5	830	7	41	...	31	40	Int: Rot., St. Ped.;
Shriners Hospital for Crippled Children 3100 Samford Ave., 71103	G-37	NP Corp	2,3	60	73	100	...	3	3	Res: Ortho.
<b>MAINE</b>										
<b>Bangor</b>										
Eastern Maine General 489 State St., 04401	...	NP Corp	...	312	...	41	1	...	3	Res: Path.
<b>Lewiston</b>										
Central Maine General 300 Main St, 04240	...	NP Corp	...	211	9	51	...	1	4	Res: Path.
<b>Portland</b>										
Maine Medical Center 22 Bramhall Street, 04102	L-42	NP Corp	...	400	10	42	...	12	12	Int: Rot.;
<b>MARYLAND</b>										
<b>Baltimore</b>										
Baltimore City Hospitals 4940 Eastern Avenue, 21224	M-38,39	City	...	1375	...	53	8	21	35	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
Baltimore Eye, Ear and Throat Charity 1214 Eutaw Place, 21217	G-39	NP Corp	3	60	3	...	2	2	3	Res: Oph., Otol.
Bon Secours 2025 W Fayette St, 21223	...	Church	...	254	8	42	14	...	14	Int: Rot.;
Children's 3825 Greenspring Ave., 21211	...	NP Corp	4,5	150	15	67	...	...	...	Res: Ortho.
Church Home and Hospital 100 N Broadway, 21231	L-38	NP Corp	...	286	10	37	14	2	18	Int: Rot., St. Med., St. Surg.;
Franklin Square 110 N. Calhoun Street, 21223	...	NP Corp	...	171	10	44	6	...	12	Int: Rot.;
Franklin Square 110 N. Calhoun Street, 21223	...	NP Corp	...	171	10	44	9	...	10	Res: Surg., ObG.

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							Foreign	Non-Foreign		
<b>MARYLAND, Baltimore—Continued</b>										
Greater Baltimore Medical Center 6701 North Charles St., 21204	G-38	NP Corp	...	392	7	41	13	1	20 Int;	Rot.,St. Med.;
James Lawrence Kernan Windsor Mill Rd & Forest Park Avenue, 21207	G-39	Corp.	...	126	25	0	22	8	29 Res;	Surg.,Med.,ObG.,Oph.,Otol.,Ped.
Johns Hopkins 601 North Broadway, 21205	M-38#	NP Corp	4,5	1147	11	640	...	56	66 Int;	St. Med.,St. Med.,St. Surg.,St. Ped., St. Path.,St. ObG.;
Johns Hopkins Community Pediatric Program (Includes Baltimore City Hospitals, Greater Baltimore Medical Center, Johns Hopkins Hospital, Sinai and Union Memorial Hospital)	M-38	Misc.	...	...	...	...	34	212	270 Res;	Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Neur.,ObG.,Oph., Ortho.,Otol.,Path.,Ped.,Ped., Ped. All.,Ped. Card.,Plast.,Psych., Rad.,Urol.
Johns Hopkins University School of Hygiene and Public Health, 615 N. Wolfe St., 21205	...	...	...	...	...	...	3	18	6 Int;	St. Ped.;
Lutheran Hospital of Maryland 730 Ashburton, 21216	...	Church	4	216	8	31	...	...	25 Res;	G. Prev. Med.
Maryland General 827 Linden Avenue, 21201	L-39	NP Corp	...	385	11	45	10	4	12 Int;	Rot.;
Mercy 301 St. Paul Place, 21202	M-39	Church	4	333	9	50	13	8	12 Int;	Rot.,St. Med.,St. Surg.;
Off. of the Chief Med. Exam., Md State Dept. of Post Mortem Examiners 700 Fleet St., 21202	...	State	...	...	...	...	2	1	4 Res;	Path.,For. Path.
Provident 1514 Division Street, 21217	...	NP Corp	4	135	9	33	...	...	6 Int;	Rot.;
St. Agnes 1000 Caton Avenue, 21229	...	Church	...	400	9	35	6	...	7 Res;	Surg.,Path.
St. Joseph 7620 York Road, 21204	...	Church	...	330	9	51	8	...	12 Int;	Rot.;
Seton Psychiatric Institute 6400 Wabash Avenue, 21215	...	Church	...	280	390	11	18	8	34 Res;	Surg.,Med.,ObG.,Path.,Ped.
Sinai Hospital of Baltimore Belvedere Avenue at Greenspring, 21215	L-38	NP Corp	4	480	9	48	13	1	15 Int;	Rot.;
South Baltimore General 1213 Light Street, 21230	...	NP Corp	...	181	9	43	22	5	31 Res;	Surg.,Med.,ObG.,Path.
Spring Grove State Wade Avenue, 21228	...	State	4	2633	270	24	4	7	13 Res;	Surg.,Med.
State of Maryland Dept. of Health 301 W. Preston St., 21201	...	State	...	...	...	...	...	3	...	Res: Pub. Health
U. S. Public Health Service 3100 Wyman Park Drive, 21211	...	USPHS	2,4,5	300	19	74	...	17	18 Int;	Rot.,St. Med.;
Union Memorial 33rd & Calvert Streets, 21218	G-38	NP Corp	...	...	...	...	...	24	35 Res;	Surg.,Med.,Oph.,Path.,Rad.
University of Maryland 22 S. Greene Street, 21201	M-39X	State	4,5	669	12	53	13	8	15 Int;	Rot.,St. Med.,St. Surg.;
University of Maryland School of Medicine, 21201	...	...	...	...	...	...	19	12	33 Res;	Surg.,Med.,ObG.,Path.,Ped.
Veterans Admin. 3900 Loch Raven Blvd., 21218	L-38	VA	4	291	53	56	1	22	35 Int;	Rot.,St. Med.,St. Surg.,St. Ped., St. Path.,St. ObG.;
<b>Bethesda</b>							46	92	169 Res;	Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Neur.,ObG.,Oph., Ortho.,Otol.,Path.,Ped.,Ped. All., PMR,Psych.,Rad.,Thor.,Urol.
National Institutes of Health-Clinical Center 9000 Rockville Pike, 20014	G-20	USPHS	2,5	516	32	96	...	15	15 Res;	Derm.,Neur.,Path.,Psych.
Suburban 8600 Old Georgetown Rd, 20014	...	NP Corp	...	296	6	51	2	2	6 Int;	Rot.;
U. S. Naval Rockville Pike, 20014	M-19,L-21 G-20	USN	2	900	23	83	7	...	12 Res;	G. P.,Surg.,Path.
<b>Cheverly</b>							17	...	17 Int;	Rot.,St. Med.,St. Surg.;
Prince George's General, 20785	...	County	...	361	8	56	...	...	92 Res;	Anes.,Surg.,Med.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Plast.,Psych., Rad.,Thor.,Urol.
<b>Crownsville</b>							...	...	18 Int;	Rot.;
Crownsville State, 21032	...	State	...	1953	187	21	6	3	22 Res;	Surg.,Med.,ObG.,Path.
<b>Edgewood Arsenal</b>							...	...	15 Res;	Psych.
U. S. Army Environmental Hygiene Agency, 21010	...	USA	...	...	...	...	...	...	2 Res;	Occ. Med.
<b>Fort Howard</b>							...	...	8 Res;	Surg.,Urol.
Veterans Admin., 21052	L-38	VA	...	377	37	53	13	...	...	...
<b>Hagerstown</b>							...	...	3 Res;	Rad.
Washington County King & Antietam Streets, 21740	...	NP Corp	...	305	8	31	2	1	...	...
<b>Perry Point</b>							...	...	6 Res;	Psych.
Veterans Admin., 21902	...	VA	...	1340	366	76	2	1	...	...
<b>Rockville</b>							...	...	4 Res;	Psych.
Chestnut Lodge 500 W Montgomery Avenue, 20850	...	Corp.	...	90	220	0	...	1	...	...
<b>Sykesville</b>							...	...	18 Res;	Psych.
Springfield State, 21784	...	State	...	3150	...	36	12	1	...	...
<b>Takoma Park</b>							...	...	16 Int;	Rot.;
Washington Sanitarium and Hospital 7600 Carroll Avenue, 20012	...	Church	...	287	8	57	1	10	...	...
<b>Towson</b>							...	...	25 Res;	Psych.
Sheppard and Enoch Pratt York Rd, 21204	...	NP Corp	...	265	156	0	9	16	...	...

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							Foreign	Non-Foreign		
<b>MASSACHUSETTS</b>										
<b>Bedford</b>										
Veterans Admin. .... 200 Springs Road, 01730	...	VA	...	1074	944	60	...	...	3 Res:	Psych.
<b>Belmont</b>										
Beaverbrook Guidance Center .... 115 Mill Street, 02179	...	State	...	...	...	...	...	...	...	Res: Child Psych.
Mc Lean ..... 115 Mill Street, 02178	M-41	NP Corp	...	256	271	54	3	15	22 Res:	Psych.
<b>Beverly</b>										
Beverly ..... Herrick and Heather, 01915	...	NP Corp	...	254	8	50	...	...	8 Int: 8 Res:	Rot.; Surg., Path.
<b>Boston</b>										
Beth Israel ..... 330 Brookline Ave., 02215	M-41#	NP Corp	4	368	9	75	...	23 17	25 Int: 71 Res:	St. Med., St. Surg., St. Path.; Anes., Child Psych., Surg., Med., ObG., Path., Psych., Rad.
Boston City ..... 818 Harrison Ave., 02118	M-40#; 41# , 42#	City	...	1132	11	55	1 57	81 219	82 Int: 308 Res:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Thor., Urol.
Boston Hospital for Women ..... 221 Longwood Avenue, 02115	M-41#	NP Corp	...	264	6	60	4	15	22 Res:	ObG., Path.
Boston State ..... 591 Morton St., 02124	M-42, L-40	State	...	1600	...	40	10	21	35 Res:	Psych.
Boston University - Boston City Hospital Guidance Center ..... 818 Harrison Ave., 02118	M-40	City	...	...	...	...	...	4	4 Res:	Child Psych.
Carney ..... 2100 Dorchester Avenue, 02124	...	Church	...	334	9	44	10 30	1 2	12 Int: 34 Res:	Rot.; Surg., Med., ObG., Ortho., Path.
Children's Hospital Medical Center ..... 300 Longwood Avenue, 02115	M-41#	NP Corp	4,5	343	9	88	2 29	6 59	11 Int: 96 Res:	St. Ped., St. Path.; Child psych., Surg., Neurosurg., Neur., Ortho., Path., Ped., Ped. All., Ped. Card., Plast., Rad.
Commonwealth of Massachusetts-Department of Public Health ..... 519 State House, 02133	...	State	...	...	...	...	...	4	4 Res:	Pub. Health
Douglas A. Thom Clinic for Children ..... 315 Dartmouth Street, 02116	L-40	NP Corp	...	...	...	...	...	4	4 Res:	Child Psych.
Faulkner ..... 1153 Centre Street, 02130	...	NP Corp	...	152	10	47	...	1	1 Res:	Med., Path.
Harvard University School of Public Health ... 665 Huntington Ave., 02115	...	NP Corp	...	...	...	...	3	19	56 Res:	Occ. Med., G. Prev. Med.
James Jackson Putnam Children's Center ..... 244 Townsend, 02121	...	NP Corp	...	...	...	...	1	...	4 Res:	Child Psych.
Joseph P. Kennedy Jr. Memorial ..... 30 Warren Street Brighton, 02135	...	Church	...	125	34	100	1	1	3 Res:	Ortho.
Judge Baker Guidance Center ..... 295 Longwood Avenue, 02115	...	NP Corp	...	27	...	0	2	4	7 Res:	Child Psych.
Lahey Clinic ..... 605 Commonwealth Ave., 02215	...	NP Corp	...	300	...	...	41	21	60 Res:	Anes., Derm., Surg., Med., Ortho., Otol., Col. - Rec., Rad., Urol.
Lemuel Shattuck ..... 170 Morton St., 02130	M-42# L-40, 41	State	...	350	61	52	18	3	22 Res:	Med., Path., Rad.
Massachusetts Eye and Ear Infirmary ..... 243 Charles Street, 02114	M-41# L-42	NP Corp	...	178	5	50	2	35	40 Res:	Oph., Otol.
Massachusetts General ..... Fruit Street, 02114	M-41#	NP Corp	4,5	1065	14	63	...	36 49	42 Int: 239 Res:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., Ortho., Path., Ped., Psych., Rad., Urol. Child Psych., Psych.
Massachusetts Mental Health Center ..... 74 Fenwood Road, 02115	M-41	State	...	186	83	0	6	75	72 Res:	Child Psych., Psych.
Mattapan Chronic Disease ..... 249 River St., 02126	...	City	...	376	...	...	...	...	...	Res: Thor.
New England Deaconess ..... 185 Pilgrim Road, 02215	L-41, G-42	NP Corp	...	368	11	57	1 20	3 16	10 Int: 54 Res:	Rot., St. Med.; Anes., Surg., Med., Path., Rad., Thor., Urol.
New England Medical Center Hospitals(- Includes Boston Dispensary and Rehabilitation Institute, Boston Floating Hospital, New England Center Hospital;) ... 171 Harrison Ave., 02111	M-42# L-41	NP Corp	3,4,5	376	11	73	...	25 17	26 Int: 101 Res:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Path., Ped., PMR, Psych., Rad.
Peter Bent Brigham ..... 721 Huntington Ave., 02115	M-41#	NP Corp	4	321	13	76	...	21 7	23 Int: 99 Res:	St. Med., St. Surg., St. Path.; Anes., Surg., Med., Neurosurg., Neur., Ortho., Path., Plast., Psych., Rad., Urol.
St. Elizabeth's Hospital of Boston ..... 736 Cambridge Street Brighton, 02135	M-42#	Church	...	420	9	48	...	18 12	20 Int: 52 Res:	Rot., St. Med., St. Surg.; Anes., Surg., Med., Neur., ObG., Path., Ped.
St. Margaret's ..... 90 Cushing Ave., Dorchester, 02125	M-42#	Church	...	122	5	53	...	...	...	Res: ObG.
Tufts-New England Medical Center(Includes Boston Floating Hospital and New England Center Hospital) ..... 20 Ash St., 02111	M-42	NP Corp	...	...	...	...	...	2	2 Res:	Child Psych.
U. S. Public Health Service ..... 77 Warren Street, 02135	L-40	USPHS	2,4	211	15	67	...	9 2	12 Int: 3 Res:	Rot.; Surg., Med.
University ..... 750 Harrison Avenue, 02118	M-40X	NP Corp	4	250	12	52	1 5	16 32	20 Int: 55 Res:	St. Med., St. Surg., St. Path.; Anes., Derm., Surg., Med., Neur., Oph., Otol., Path., PMR, Psych., Rad., Urol.
Veterans Admin. (Jamaica Plain) ..... 150 S Huntington Ave., 02130	M-40, 42#	VA	4,5	920	27	53	...	...	20 Int: 108 Res:	St. Med.; Anes., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Psych., Rad., Urol.
Veterans Admin. (West Roxbury) ..... 1400 V.F.W. Parkway West Roxbury, 02132	L-41	VA	...	300	36	79	...	...	4 Res:	Surg., Med., Ortho., Path., Urol.



## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>MASSACHUSETTS - Continued</b>										
<b>Westfield</b>										
Western Massachusetts 91 E. Mountain Road, 01085	...	State	4	63	21	36	2	1	3 Res:	Surg.
<b>West Roxbury</b>										
Veterans Admin. (- See Boston)	...	...	...	...	...	...	...	...	...	...
<b>Worcester</b>										
Memorial 119 Belmont St., 01605	...	NP Corp	4	350	8	54	11	14	14 Int:	Rot.;
St. Vincent 25 Winthrop Street, 01604	G-19	Church	...	618	11	51	2	7	21 Int:	17 Res: Surg., Med., Ortho., Path.
Worcester City 26 Queen Street, 01610	...	City	4,5	448	10	45	17	9	28 Res:	Surg., Med., Ortho., Ped.
Worcester State 305 Belmont Street, 01604	...	State	4	1243	...	40	8	1	20 Int:	Rot., St. Surg.;
Worcester Youth Guidance Center 275 Belmont Street, 01604	...	NP Corp	...	...	...	...	3	1	17 Res:	Surg., Ortho., Path. Psych.
<b>MICHIGAN</b>										
<b>Allen Park</b>										
Veterans Admin. Southfield at Outer Drive, 48101	M-44#	VA	...	846	42	63	...	...	...	Res: Derm., Surg., Med., Neur., Oph., Ortho., Otol., Path., Rad., Thor., Urol.
<b>Ann Arbor</b>										
St. Joseph Mercy 326 North Ingalls Street, 48104	M-43	Church	...	522	8	54	1	10	20 Int:	Rot.;
University 1405 East Ann Street, 48104	M-43X	State	5	996	14	76	...	...	37 Res:	Surg., Med., ObG., Ortho., Path., Plast.
University of Michigan Affiliated Hospitals (Includes University Hospital, St. Joseph Mercy Hospital, Veterans Admin. Hospital, Wayne County General Hospital at Eloise)	M-43X	Misc.	...	...	...	...	2	40	...	Int: St. Med., St. Ped., St. Path., St. ObG.;
University of Michigan Institute of Industrial Health Medical Center, Veterans Admin. 2215 Fuller Road, 48105	M-43#	VA	4,5	486	26	84	...	...	20	266 288 Res: Derm., Surg., Neurosurg., Neur., Oph., Ortho., Path., Plast., Psych., Rad., Urol.
<b>Dearborn</b>										
Ford Motor Company American Rd., 48121	...	Corp.	...	...	...	...	...	1	1 Res:	Occ. Med.
Oakwood 18101 Oakwood Blvd, 48124	...	NP Corp	...	458	8	50	5	4	18 Int:	Rot.;
<b>Detroit</b>										
Alexander Blain Memorial 2201 East Jefferson, 48207	...	NP Corp	...	111	10	25	4	...	5 Res:	Surg.
Children's Center of Wayne County 5475 Woodward Ave., 48202	...	...	...	...	...	...	...	...	...	Res: Child Psych.
Children's Hospital of Michigan 5224 St. Antoine, 48202	M-44#	NP Corp	...	215	7	80	...	8	6 Int:	St. Ped.;
Crittendon 1554 Tuxedo Avenue, 48206	...	NP Corp	...	179	7	21	5	1	36 Res:	Surg., Ortho., Otol., Path., Ped., Ped. All., Urol.
Detroit General (Formerly Receiving Hospital) 1326 St. Antoine, 48226	M-44#	City	5	640	12	43	1	19	41 Int:	Rot., St. Med., St. Surg.;
Detroit-Macomb Hospitals (Includes Detroit Memorial Hospital, South Macomb Hospital, Warren)	...	...	...	...	...	...	14	...	12 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Thor., Urol.
Detroit Memorial 1420 St Antoine, 48226	...	NP Corp	...	344	10	44	...	...	...	Int: Rot., St. Path.;
Detroit Psychiatric Institute 1151 Taylor Ave., 48202	...	City	...	...	...	...	6	11	...	Res: Surg., Med., Neur., ObG., Path., Rad., Urol.
Evangelical Deaconess 3245 E. Jefferson, 48207	...	Church	...	198	9	32	7	...	8 Res:	Surg., Med., ObG.
General Motors Corporation 3044 W. Grand Blvd., 48202	...	Corp.	...	...	...	...	7	...	10 Int:	Rot.;
Grace 4160 John R Street, 48201	M-44#	NP Corp	...	871	10	46	16	4	10 Res:	G. P., Surg.
Harper 3825 Brush Street, 48201	M-44#	NP Corp	...	710	10	46	48	2	2 Res:	Occ. Med.
Henry Ford 2799 W. Grand Blvd, 48202	...	NP Corp	5	1050	12	60	...	26	30 Int:	Rot., St. Med., St. Surg., St. Ped.;
Herman Kiefer 1151 Taylor Ave., 48202	...	City	...	...	...	...	5	2	300 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Plast., Psych., Rad., Thor., Urol.
Hutzel 432 E. Hancock, 48201	M-44#	NP Corp	...	370	8	41	5	...	...	Int: Rot.;
Lafayette Clinic 951 E Lafayette, 48207	M-44#	State	...	138	67	...	8	30	...	Res: Surg., Med., ObG., Path.
Metropolitan 1800 Tuxedo Avenue, 48206	...	NP Corp	...	166	7	60	2	1	42 Res:	Child Psych., Neur., Psych.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>MICHIGAN, Detroit—Continued</b>										
Mount Carmel Mercy 6071 West Outer Drive, 48235	...	Church	...	530	9	50	14	2	24 Int: Rot.; 46 Res: Surg.,Med.,ObG.,Path.,Ped.,Rad.	
Receiving—See Detroit General Rehabilitation Institute 261 Mack Boulevard, 48201	L-44#	NP Corp	...	96	42	80	1	1	6 Res: PMR	
St. John 22101 Moross Road, 48236	...	NP Corp	...	438	7	41	20	...	18 Int: Rot.; 27 Res: Surg.,Med.,ObG.	
St. Joseph Mercy 2200 E. Grand Blvd., 48211	...	Church	...	...	...	...	6	...	9 Int: Rot.; 8 Res: Surg.,ObG.	
Sinai Hospital of Detroit 6767 West Outer Drive, 48235	M-44#	NP Corp	4,5	390	9	57	1	8	18 Int: Rot.; 57 Res: Anes.,Surg.,Med.,ObG.,Oph.,Path., Psych.,Rad.,Urol.	
Wayne County Medical Examiner's Office 400 E. Lafayette Ave., 48226	...	County	...	...	...	...	1	1	2 Res: For. Path.	
<b>Eloise</b>										
Wayne County General, 48132	M-43#	County	4,5	474	11	34	10	26	Int: Rot.,St. Surg.,St. ObG.; 43 Res: Surg.,Med.,Neurosurg.,ObG.,Ortho., Path.,Plast.,Psych.,Rad.,Urol.	
<b>Flint</b>										
Hurley 6th & Begole, 48502	...	City	...	716	10	45	2	13	25 Int: Rot.; 55 Res: G. P.,Surg.,Med.,ObG.,Path., Ped.,Rad.	
Mc Laren General 401 S. Ballenger Highway, 48502	...	NP Corp	...	316	8	41	7	...	12 Int: Rot.; 23 Res: G. P.,Surg.,Med.,Path.	
St. Joseph 302 Kensington Avenue, 48502	...	Church	...	408	9	40	5	1	14 Int: Rot.; 19 Res: G. P.,Path.	
<b>Grand Rapids</b>										
Blodgett Memorial 1840 Wealthy St., S. E., 49506	...	NP Corp	...	418	8	77	...	15	18 Int: Rot.,St. Path.; 28 Res: Surg.,Med.,ObG.,Ortho.,Path., Rad.	
Butterworth 100 Michigan N.E., 49503	...	NP Corp	...	467	8	53	...	13	20 Int: Rot.; 33 Res: Surg.,Med.,ObG.,Path.,Ped.,Plast., Rad.	
Ferguson-Droste-Ferguson 72 Sheldon Ave. S.E., 49502	...	NP Corp	...	110	10	62	1	1	2 Res: Col. - Rec.	
St. Mary's 201 Lafayette, S.E., 49503	...	Church	...	390	8	53	1	2	14 Int: Rot.; 12 Res: Surg.,ObG.,Ortho.,Path.	
<b>Grosse Pointe</b>										
Bon Secours 468 Cadieux Road, 48230	...	Church	...	160	7	40	2	2	10 Int: Rot.; 6 Res: Surg.	
<b>Highland Park</b>										
Highland Park General 369 Glendale Ave., 48203	...	City	...	268	10	43	10	...	15 Int: Rot.; 18 Res: Surg.,Med.,ObG.	
<b>Kalamazoo</b>										
Borgess 1521 Gull Road, 49001	...	NP Corp	...	327	7	45	1	5	10 Int: Rot.; 4 Res: Surg.,Ortho.,Path.	
Bronson Methodist 252 E. Lovell, 49006	...	Church	...	435	9	44	...	...	15 Int: Rot.; 6 Res: Surg.,ObG.,Ortho., Rad.	
<b>Lansing</b>										
Edward W. Sparrow 1215 E. Michigan Ave., 48902	L-98#	NP Corp	...	463	8	42	2	...	10 Int: Rot.; 7 Res: Surg.,Path.	
Ingham Medical 401 W Greenlawn, 48910	...	County	...	165	6	32	3	...	2 Res: Thor.	
Michigan Dept. of Public Health 3500 N. Logan St., 48914	...	State	...	...	...	...	...	3	4 Res: Pub. Health	
St. Lawrence 1210 West Saginaw, 48914	L-98	Church	...	346	8	41	1	...	4 Res: Path.	
<b>Midland</b>										
Midland 4005 Orchard Drive, 48640	...	NP Corp	...	224	7	47	1	5	10 Int: Rot.;	
<b>Northville</b>										
Hawthorn Center 18471 Haggerty, 48167	...	State	...	147	350	0	4	7	14 Res: Child Psych.	
Northville State 41001 West Seven Mile, 48167	...	State	...	2061	...	31	12	1	18 Res: Psych.	
<b>Pontiac</b>										
Pontiac General Seminole & W. Huron, 48053	...	City	...	398	7	56	...	...	20 Int: Rot.; 21 Res: Surg.,Med.,ObG.,Path.,Ped.	
Pontiac State 140 Elizabeth Lake Rd, 48053	...	State	...	2327	413	48	12	2	18 Res: Surg.,Psych.	
St. Joseph Mercy 900 Woodward Avenue, 48053	...	Church	...	352	7	46	1	6	12 Int: Rot.; 29 Res: Surg.,Med.,ObG.,Path.,Ped.,Rad.	
<b>River Rouge</b>										
Sidney A. Sumbly Memorial 234 Visger Road, 48218	...	NP Corp	...	61	9	41	5	...	4 Res: G. P.	
<b>Royal Oak</b>										
William Beaumont 3601 W Thirteen Mile Rd, 48072	...	NP Corp	...	683	7	56	1	6	26 Int: Rot.,St. Med.,St. Surg.,St. ObG.; 76 Res: Surg.,Med.,ObG.,Path.,Ped.,Rad., Urol.	
<b>Saginaw</b>										
Saginaw Affiliated Hospitals((Includes Saginaw General Hospital, St. Luke's Hospital, St. Mary's Hospital)) 705 Cooper St.,48602	...	...	...	...	...	...	...	...	26 Int: Rot.; Res: G. P. Int: Rot.; Res: G. P.,Surg.,Med.,ObG.,Ped.	
Saginaw General 1447 N. Harrison, 48602	...	NP Corp	...	300	8	41	...	...	Int: Rot.; Res: G. P.	
St. Luke's 705 Cooper Street, 48602	...	Church	...	259	8	51	...	...	Int: Rot.; Res: G. P.	
St. Mary's 830 S. Jefferson Ave., 48601	...	Church	...	241	8	29	...	...	Int: Rot.; Res: G. P.	
<b>Southfield</b>										
Providence 16001 Nine Mile Road, 48075	...	Church	...	403	9	47	...	9	12 Int: Rot.; 34 Res: Anes.,Surg.,Med.,ObG.,Path., Rad.	
<b>Traverse City</b>										
James Decker Munson, 49684	...	NP Corp	2,3	250	9	40	...	3	8 Int: Rot.; 18 Res: Psych.	
Traverse City State Elmwood & 11th, 49684	...	State	...	2610	...	35	10	7		

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							Foreign	Non-Foreign		
<b>MICHIGAN—Continued</b>										
<b>Warren</b>										
South Macomb 11800 East 12 Mile, 48093	...	NP Corp	...	201	7	49	...	...	Int: Rot;	Res: Surg.,Med.,ObG.
<b>Ypsilanti</b>										
Ypsilanti State 3501 Willis Road, 48197	G-43	State	...	3535	81	38	10	11	24 Res:	Psych.
<b>MINNESOTA</b>										
<b>Duluth</b>										
St. Luke's 915 E. 1st Street, 55805	...	NP Corp	...	374	10	67	...	7	12 Int:	Rot;
St. Mary's 407 East Third Street, 55805	...	Church	...	425	9	75	...	12	12 Int:	Rot;
St. Mary's 407 East Third Street, 55805	...	Church	...	...	...	...	...	3	4 Res:	Path.
<b>Minneapolis</b>										
Fairview 2312 So 6th St, 55406	L-45	Church	...	429	9	42	4	...	4 Res:	G. P.
Hennepin County General Fifth and Portland Sts South, 55415	M-45#	County	6	394	10	66	...	48	48 Int:	Rot;
Kenny Rehabilitation Institute 1800 Chicago Avenue, 55404	G-45	NP Corp	...	80	34	...	...	...	...	Res: PMR
Mount Sinai 737 E 22nd Street, 55404	L-45	NP Corp	...	273	8	59	...	...	8 Int:	Rot;
Northwestern Hospital of Minneapolis 810 East 27th Street, 55407	L-45	NP Corp	...	400	10	65	14	2	14 Res:	Surg.,Med.,Path.
St. Barnabas 714 9th Ave. S., 55415	...	Church	...	310	7	63	2	2	12 Int:	Rot.,St. Med.;
St. Barnabas-Swedish Hospitals(Includes St. Barnabas Hospital and Swedish Hospital)	...	Church	...	...	...	...	1	...	21 Res:	Med.,Path.
St. Mary's 2414 South Seventh Street, 55406	...	Misc.	...	...	...	...	...	...	...	Int: Rot;
Shriners Hospital for Crippled Children 2025 East River Road, 55414	...	NP Corp	...	60	65	100	...	2	2 Res:	Ortho.
State of Minnesota Dept. of Health University Campus, 55440	...	State	...	...	...	...	...	...	4 Res:	Pub. Health
Swedish 914 South 8th Street, 55404	...	NP Corp	...	465	9	43	...	1	6 Res:	Surg.,Path.,Rad.
University of Minnesota Affiliated Hospitals(Includes University of Minnesota Hospitals, Veterans Admin. Hospital, and Some Programs at Hennepin County General Hospital, Mount Sinai Hospital, and St. Paul-Ramsay Hospital, St. Paul)	M-45	...	...	...	...	...	56	271	408 Res:	Anes.,Child Psych.,Derm.,Surg.,Med.,Neurosurg.,Neur.,ObG.,Oph.,Ortho.,Otol.,Path.,Ped.,Card.,PMR,Col. - Rec.,Psych.,Rad.,Thor.,Urol.
University of Minnesota Hospitals 412 Union St. S. E., 55455	M-45X	State	6	818	15	82	...	...	43 Int:	St. Med.,St. Surg.,St. Ped.;
Veterans Admin. 54th Street & 48th Ave., So., 55417	M-45#	VA	4 <sup>b</sup>	1014	29	78	...	...	...	Res: Anes.,Child Psych.,Derm.,Surg.,Neur.,Neur.,Oph.,Ortho.,Otol.,Path.,PMR,Col. - Rec.,Psych.,Rad.,Thor.,Urol.
<b>Rochester</b>										
Mayo Graduate School of Medicine 200 First Ave. S. W., 55901	L-20,G-45, 93,113	NP Corp	...	...	...	...	...	...	34 Int:	Rot.,St. Med.,St. Surg.,St. Ped.,St. Path.;
Rochester Methodist(See Mayo Graduate School of Medicine) 201 W. Center St., 55901	L-20,G-45, 93,113	Church	...	564	8	70	...	...	102	482
St. Mary's(See Mayo Graduate School of Medicine) 1216 Second Street S.W., 55901	L-20,G-45, 93,113	Church	...	916	11	73	...	...	680 Res:	Anes.,Child Psych.,Derm.,Surg.,Med.,Neurosurg.,Neur.,ObG.,Oph.,Ortho.,Otol.,Path.,Ped.,Ped. All.,Ped. Card.,PMR,Plast.,Col. - Rec.,Psych.,Rad.,Thor.,Urol.
<b>St. Paul</b>										
Amherst H. Wilder Child Guidance Clinic 670 Marshall Avenue, 55104	...	Misc.	...	...	...	...	...	1	3 Res:	Child Psych.
Bethesda Lutheran 559 Capitol Boulevard, 55101	...	Church	...	298	9	43	1	6	10 Int:	Rot.;
Charles T. Miller 125 West College Avenue, 55102	...	NP Corp	...	386	10	53	...	4	14 Int:	Rot.,St. Path.;
Childrens 311 Pleasant Ave, 55102	L-45	NP Corp	...	99	7	87	3	5	14 Res:	Surg.,Med.,Oph.,Path.,Rad.,Urol.
Gillette State Hospital for Crippled Children 1003 East Ivy Avenue, 55106	G-45	State	2	156	38	83	...	...	5 Res:	Ped.
St. Joseph's 69 West Exchange Street, 55102	G-45	Church	...	408	8	32	...	...	...	Res: Anes.,Ortho.
St. Luke's 300 Pleasant Ave., 55102	...	NP Corp	...	360	10	32	1	...	12 Int:	Rot.;
St. Paul-Ramsay 640 Jackson Street, 55101	M-45#	Cy Co	...	585	11	74	...	20	8 Res:	G. P.
							4	13	32 Int:	Rot.;
									24 Res:	Derm.,Surg.,Med.,Neur.,ObG.,Oph.,Ortho.,Otol.,Path.,Ped.,Urol.
<b>MISSISSIPPI</b>										
<b>Biloxi</b>										
U.S. Air Force Biloxi Keesler A.F.B. 39534	L-37	USAF	2,4	350	7	71	...	12	14 Int:	Rot.;
Veterans Admin. Center, 39531	...	VA	2	1113	264	71	...	4	26 Res:	Surg.,Med.,ObG.,Ped.
									6 Res:	Psych.

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							Foreign	Non-Foreign			
<b>MISSISSIPPI—Continued</b>											
<b>Jackson</b>											
Mental Health Services, Mississippi State Board of Health P.O. Box 1700, 39205	...	State	...	...	...	...	...	...	...	Res: Psych.	
Mississippi Baptist 1190 North State Street, 39201	...	Church	...	350	7	28	...	2	12	Int: Rot;	
State of Mississippi Dept. of Health 2423 N. State St., 39205	...	State	...	...	...	...	...	...	4	Res: Pub. Health	
University 2500 North State Street, 39216	M-46X	State	...	341	9	61	...	...	31	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.,St. ObG.;	
University of Mississippi Medical Center					10	91			134	Res: Anes.,Surg.,Med.,Neurosurg.,Neur., ObG.,Oph.,Ortho.,Otol.,Path., Ped.,Ped. Card.,Plast.,Psych., Rad.,Thor.,Urol.	
Veterans Admin. Center 1500 E. Woodrow Wilson Dr., 39216	M-46	VA	2	498	36	59	...	...	...	Res: Anes.,Surg.,Med.,Neurosurg.,Neur., Oph.,Ortho.,Otol.,Path.,Plast., Psych.,Rad.,Thor.,Urol.	
<b>Sanatorium</b>											
Mississippi State Sanatorium, 39112	G-46	State	...	434	162	24	...	...	...	Res: Thor.	
<b>Whitfield</b>											
Mississippi State, 39193	L-46	State	...	5180	274	32	...	...	...	Res: Psych.	
<b>MISSOURI</b>											
<b>Columbia</b>											
Ellis Fischel State Cancer Business Loop 70 and Garth, 65201	L-47#, G-48,49	State	...	113	19	53	...	8	9	Res: Surg.,Path.	
University of Missouri Medical Center 807 Stadium Road, 65201	M-47X	State	...	483	13	63	...	13	29	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;	
University of Missouri School of Medicine Dept. of Community Health and Medical Practice,		State	...	...	...	...	...	...	6	Res: G. Prev. Med.	
<b>Kansas City</b>											
Children's Mercy 1710 Independence Avenue, 64106	M-33,G-47	NP Corp	6	100	8	83	1	...	6	Int: St. Ped.;	
Greater Kansas City Mental Health Foundation, U. of Mo. Sch. of Med. 2200 Mc Coy St., 64108	...	Misc.	...	...	...	...	1	...	6	Res: Child Psych.	
Kansas City General Hospital and Medical Center 24th and Cherry, 64108	L-47,G-33	City	5	498	12	35	...	19	30	Int: Rot.;	
Menorah Medical Center 4949 Rockhill Road, 64110	G-33	NP Corp	...	335	10	45	...	8	16	Int: Rot.,St. Med.,St. Path.;	
Research Hospital and Medical Center Meyer Blvd. at Prospect Ave., 64132	...	NP Corp	...	517	10	42	2	...	11	27	Res: G. P.,Surg.,Med.,Path.,Rad.
St. Joseph 2510 East Linwood, 64128	...	Church	...	272	9	38	...	...	4	Res: Path.	
St. Luke's 44th and Wornall, 64111	L-33	Church	...	462	8	49	...	19	20	Int: Rot.;	
St. Mary's 101 Memorial Drive, 64108	...	Church	...	385	8	52	...	...	4	Res: Path.	
Trinity Lutheran 31st & Wyandotte St., 64108	...	Church	...	227	10	37	5	...	8	Int: Rot.;	
Veterans Admin. (Kansas City, Mo.) 4801 Linwood Boulevard, 64128	M-33	VA	4,5	501	27	58	...	...	...	Res: Surg.,Med.,Neurosurg.,Neur.,Oph., Ortho.,Otol.,Path.,PMR,Psych., Rad.,Urol.	
Western Missouri Mental Health Center 24th and Cherry Sts., 64108	...	State	...	...	...	...	...	...	...	Res: Psych.	
<b>Mount Vernon</b>											
Missouri State Sanatorium, 65712	...	State	...	548	128	41	2	...	...	Res: Thor.	
<b>St. Louis</b>											
Barnes Hospital Group (Operating Barnard, Maternity, Mc Millan, Renard, and Wohl Hospitals, Wohl Clinics and Queeny Tower)	M-49#	NP Corp	...	1064	10	62	1	51	64	Int: Rot.,St. Med.,St. Surg.,St. Path., St. ObG.;	
Cardinal Glennon Memorial Hospital for Children 1465 S. Grand Blvd., 63104	M-48	Church	...	...	...	...	1	7	14	Res: Path.,Ped.	
De Paul 2415 N. Kingshighway Blvd., 63113	...	Church	...	374	8	44	3	1	4	Res: Path.	
Deaconess 6150 Oakland Ave., 63139	...	Church	...	361	11	43	3	...	16	Int: Rot.;	
Firmin Desloge General(- See St. Louis University Group of Hospitals) 1402 S. Grand Blvd., 63104	...	Church	...	...	...	...	...	...	3	Res: Surg.,ObG.	
Homer G. Phillips 2601 North Whittier, 63113	L-49	City	4,5	511	9	28	6	29	20	Int: Rot.;	
Jewish Hospital of St. Louis 216 So Kingshighway, 63110	M-49#	NP Corp	4,5	530	11	55	...	15	21	Int: St. Med.,St. Surg.;	
Lutheran 2639 Miami Street, 63118	...	Church	...	414	9	43	9	...	12	Int: Rot.;	
Malcolm Bliss Mental Health Center 1420 Grattan Street, 63104	L-49	State	...	210	28	0	13	24	50	Res: Psych.	

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							Foreign	Non-Foreign		
<b>MISSOURI, St. Louis - Continued</b>										
Mallinckrodt Institute of Radiology(- See Barnes Hospital Group) .....	...	...	...	...	...	...	...	...	9 Int; Rot;	
Missouri Baptist .....	...	Church	...	291	10	45	11	...	25 Res; Surg.,Med.,Path.	
3015 North Ballas Road, 63131										
Missouri Institute of Psychiatry - St. Louis State .....	M-48	State	...	2687	353	43	28	5	30 Res; Surg.,Psych.	
5400 Arsenal St., 63139										
St. John's Mercy .....	L-48	Church	...	534	8	44	1	8	18 Int; Rot;	
615 So. New Ballas Rd, 63141									28 Res; Surg.,Med.,ObG.,Path.	
St. Louis Children's .....	M-48,49#	NP Corp	...	164	9	73	11	2	10 Int; St. Ped;	
500 So. Kingshighway, 63110									29 Res; Ped.,Ped. Card.	
St. Louis City .....	M-48,49#	City	...	679	11	56	7	2	28 Int; Rot.,St. Med.,St. Surg.,St. Surg., St. Ped;	
1515 Lafayette Avenue, 63104										
St. Louis County .....	G-49	County	...	330	12	49	2	3	10 Int; Rot;	
601 South Brentwood, 63105									24 Res; Surg.,Med.,ObG.	
St. Louis University Group of Hospitals .....	M-48	Church	...	1005	10	68	...	37	52 Int; Rot.,St. Med.,St. Surg.,St. Ped., St. Path.,St. ObG.;	
1402 S. Grand Blvd., 63104										
St. Louis-Little Rock Hospitals .....	...	NP Corp	1	375	12	38	10	...	10 Res; Surg.	
1755 South Grand Blvd, 63104										
St. Luke's .....	L-49	Church	...	380	10	43	...	12	20 Int; Rot.,St. Med	
5535 Delmar Boulevard, 63112									18 Res; Surg.,Med.,Neurosurg.,Path.	
St. Mary's .....	M-48	Church	...	511	10	51	...	4	20 Int; Rot.,St. Med.;	
6420 Clayton Road, 63117										
Shriners Hospital for Crippled Children .....	...	NP Corp	...	100	36	...	1	3	5 Res; Ortho.	
2001 S. Lindbergh Blvd., 63131										
Veterans Admin. .....	M-48,49#	VA	4	513	26	68	1	1	8 Res; Surg.,Oph.,Ortho.,Otol.,Path., Plast.,Psych.,Rad.,Urol.	
915 North Grand Blvd., 63106										
William Greenleaf Eliot Division of Child Psychiatry(Washington University School of Medicine) .....	M-49	NP Corp	...	...	...	...	3	2	8 Res; Child Psych.	
369 N. Taylor Ave., 63108										
<b>Springfield</b>										
St. John's .....	...	NP Corp	2	450	8	23	...	1	4 Res; Anes.	
1235 East Cherokee, 65802										
<b>NEBRASKA</b>										
<b>Lincoln</b>										
Bryan Memorial .....	...	Church	...	249	7	45	...	6	10 Int; Rot;	
4848 Sumner Street, 68506										
Lincoln General .....	...	NP Corp	...	226	7	44	...	5	6 Int; Rot;	
2315 South 16th Street, 68502									1 Res; Path.	
Nebraska Orthopedic .....	...	State	...	85	23	...	...	2	2 Res; Ortho.	
1047 South Street, 68502										
St. Elizabeth .....	...	Church	...	257	8	31	...	...	6 Int; Rot;	
1145 South Street, 68502									8 Res; Surg.,Path.	
Veterans Admin. .....	...	VA	...	219	27	78	3	1	6 Res; Surg.	
600 South 70th Street, 68501										
<b>Omaha</b>										
Bishop Clarkson Memorial .....	M-51	Church	2,3	293	6	49	...	...	...	Int; Rot;
Dewey Avenue at 44th Street, 68105										8 Res; Med.,Otol.,Path.
Childrens Memorial .....	M-50,51	NP Corp	5	113	4	83	...	...	4 Int; St. Ped;	
44th & Dewey Avenue, 68105									3	8 Res; Ped.
Creighton Memorial St. Joseph's .....	M-50#	Church	2,3	597	13	37	...	18	35 Int; Rot.,St. Surg.,St. Ped.,St. Path.;	
2305 South 10th Street, 68108									41 Res; Surg.,Med.,ObG.,Path.,Ped.,Rad.	
Creighton University Affiliated Hospitals((Includes Creighton Memorial St. Joseph's Hospital, Veterans Admin. Hospital, Douglas County Hospital)) .....	M-50	Church	...	...	...	...	27	28	61 Res; Surg.,Med.,ObG.,Path.,Ped.,Rad.	
Douglas County .....	M-50# , 51#	County	...	520	15	56	...	...	...	Res; Anes.,Surg.,Med.,Neur.,Oph.,Otol.
4201 Woolworth Ave., 68105										
Immanuel .....	M-51	NP Corp	...	180	7	30	...	3	10 Int; Rot;	
36th and Meredith, 68111										
Nebraska Methodist .....	M-51	Church	...	271	7	49	1	2	14 Int; Rot.,St. Path.;	
36th & Cumming Street, 68131									3	6 Res; Path.
Nebraska Psychiatric Institute .....	M-51X	State	...	21	142	0	2	10	30 Res; Child Psych.,Psych.	
602 South 44th Ave, 68105										
University of Nebraska .....	M-51X	State	5	146	9	72	...	10	24 Int; Rot.,St. Med.,St. Ped.,St. Path.;	
42nd and Dewey Ave, 68105									5	25 Res; Anes.,Surg.,Med.,Neur.,ObG., Oph.,Otol.,Path.,Ped.,Rad.
University of Nebraska Affiliated Hospitals((Includes University of Nebraska Hospital, Veterans Admin. Hospital, Douglas County Hospital, Nebraska Psychiatric Institute)) .....	...	M-51	...	...	...	...	1	38	83 Res; Anes.,Surg.,Med.,Neur.,Oph.,Otol., Psych.,Rad.	
Veterans Admin. .....	M-50# , 51#	VA	4	486	27	69	...	...	...	Res; Anes.,Surg.,Med.,Neur.,Oph.,Otol., Psych.,Rad.
4101 Woolworth Avenue, 68105										
<b>NEVADA</b>										
<b>Las Vegas</b>										
Southern Nevada Memorial .....	...	County	...	285	7	49	...	...	2 Res; Path.	
1800 West Charleston Blvd., 89102										
<b>NEW HAMPSHIRE</b>										
<b>Hanover</b>										
Dartmouth Medical School Affiliated Hospitals((Includes Mary Hitchcock Memorial Hospital and Veterans Admin. Hospital, White River Junction, Vt.)) .....	M-52	...	...	...	...	...	7	34	48 Res; Derm.,Surg.,Med.,Neurosurg.,Ortho., Urol.	
Mary Hitchcock Memorial .....	M-52#	NP Corp	3	263	10	82	...	...	24 Int; Rot.,St. Med.,St. Surg.;	
2 Maynard, 03755									...	Res; Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Ortho.,Path., Ped.,Psych.,Rad.,Urol.



## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1968	Approved Program
							Foreign	Non-Foreign		
<b>NEW JERSEY, Newark—Continued</b>										
Martland Hospital Unit-See Newark City Hospital										
Newark Beth Israel 201 Lyons Avenue, 07112		NP Corp	4	419	9	32	12	12	15 Int: Rot.; 26 Res: Anes.,Surg.,Med.,ObG.,Path., Ped.,Rad.	
Newark City (Now Martland Hospital Unit) ..... 65 Bergen Street, 07107	M-53#	City	4	750	10	40	16 37	14 17	39 Int: Rot.,St. Surg.,St. Ped.,St. ObG.; 55 Res: Surg.,Med.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Thor.,Urol.	
Presbyterian - See United Hospitals of Newark-Presbyterian										
St. Michael 306 High Street, 07102		Church	...	408	10	50	9	4	20 Int: Rot.,St. Med.;	
United Hospitals of Newark. Eye and Ear Infirmary 77 Central Avenue, 07102		NP Corp	...	65	4	0	...	...	Res: Oph.,Otol.	
United Hospitals of Newark-Hospital for Crippled Children 89 Park Avenue, 07104		NP Corp	...	110	14	0	4 18	2 16	6 Res: Ortho. 35 Res: Surg.,Med.,ObG.,Path.,Ped.	
United Hospitals of Newark-Presbyterian 27 South Ninth Street, 07107		NP Corp	...	293	11	34	10 3	...	10 Int: Rot.; 6 Res: Surg.,Path.	
United Hospitals of Newark - Babies' 15-19 Roseville Ave, 07107		NP Corp	...	84	8	83	11	6	6 Res: Surg.,Ped.	
<b>New Brunswick</b>										
Middlesex General 180 Somerset St, 08901		NP Corp	...	278	8	46	9 18	...	9 Int: Rot.,St. Med.,St. Surg.; 19 Res: Surg.,Med.,Path.	
St. Peter's General 254 Easton Ave, 08903	L-99	Church	...	349	7	45	5 19	...	16 Int: Rot.; 19 Res: Surg.,Med.,Path.	
<b>Orange</b>										
Hospital Center at Orange((Includes New Jersey Orthopedic Hospital and Orange Memorial Hospital))			...	...	...	...	...	...	Res: Ortho.	
New Jersey Orthopaedic 289 Central Avenue, 07051		NP Corp	...	67	14	42	...	...	Res: Ortho.	
Orange Memorial 188 South Essex Avenue. 07051		NP Corp	...	328	9	48	8 6	...	10 Int: Rot.; 10 Res: Surg.,Ortho.,Path.	
<b>Paramus</b>										
Bergen Pines County East Ridgewood Avenue, 07652		County	...	876	19	31	10 14	...	16 Int: Rot.; 16 Res: Med.,Path.	
<b>Passaic</b>										
Passaic General 350 Boulevard, 07055		NP Corp	...	312	8	33	8 ...	...	8 Int: Rot.; 2 Res: Path.	
St. Mary's 211 Pennington Avenue. 07055		Church	...	224	8	34	8 2	...	8 Int: Rot.; 2 Res: Path.	
<b>Paterson</b>										
Barnert Memorial Hospital Center 680 Broadway, 07514		NP Corp	...	242	8	38	1 ...	...	2 Res: Path.	
Paterson General 528 Market Street, 07501		NP Corp	...	278	8	20	3 ...	...	12 Int: Rot.;	
St. Joseph's 703 Main Street, 07503	G-59	Church	...	489	8	47	10 18	3	12 Int: Rot.; 22 Res: Anes.,Surg.,ObG.,Ortho.,Path.	
<b>Perth Amboy</b>										
Perth Amboy General 530 New Brunswick Ave, 08861		NP Corp	...	471	9	27	20 5	...	25 Int: Rot.,St. Path.; 7 Res: G. P.,Path.	
<b>Phillipsburg</b>										
Warren 185 Roseberry, 08865		NP Corp	...	219	7	29	4 ...	...	6 Res: G. P.	
<b>Plainfield</b>										
Muhlenberg Park Ave. & Randolph Rd., 07061		NP Corp	...	444	8	48	13 14	2 1	18 Int: Rot.,St. Med.,St. Ped.; 15 Res: Med.,Path.,Ped.	
<b>Princeton</b>										
New Jersey Neuropsychiatric Institute Box 1000, 08540		State	...	1039	252	65	5 ...	6	12 Res: Psych.	
Princeton 253 Witherspoon Street. 08540		NP Corp	...	188	8	70	1 3	...	6 Int: Rot.; 8 Res: G. P.	
<b>Somers Point</b>										
Shore Memorial New York Avenue. 08244		NP Corp	...	192	8	28	4 ...	...	8 Res: G. P.	
<b>Somerville</b>										
Somerset Rehill Avenue, 08876		NP Corp	...	296	6	41	12 ...	...	12 Int: Rot.; 4 Res: G. P.	
<b>Summit</b>										
Overlook 193 Morris Ave. 07901		NP Corp	...	448	8	35	13 7	...	14 Int: Rot.; 8 Res: G. P.,Path.	
<b>Teaneck</b>										
Holy Name 718 Teaneck Road, 07666		Church	...	336	8	37	...	...	6 Int: Rot.; 4 Res: Path.	
<b>Trenton</b>										
Child Guidance Center of Mercer County 532 W State St. 08618		County	...	0	...	...	1 ...	2	3 Res: Child Psych.	
Helene Fuld 750 Brunswick Ave. 08638		NP Corp	...	289	9	41	4 ...	...	9 Int: Rot.;	
Mercer 446 Bellevue Ave., 08607		NP Corp	9	325	9	35	11 ...	2	12 Int: Rot.; 4 Res: Path.	
New Jersey State Station A, 08625		State	...	3235	67	23	6 2	...	12 Res: Psych.	
New Jersey State Department of Health P.O. Box 1540, 08625		State	...	...	...	...	...	1	4 Res: Pub. Health	
St. Francis 601 Hamilton Avenue. 08629		Church	...	480	9	52	8 11	...	16 Int: Rot.,St. Surg.; 15 Res: Surg.,ObG.,Path.	
<b>Vineland</b>										
Newcomb 66 S State Street, 08360		NP Corp	...	160	8	29	...	...	1 Res: Path.	
<b>Westwood</b>										
Pascack Valley Old Hook Rd., 07675		NP Corp	...	207	...	35	...	...	Res: Path.	
<b>NEW MEXICO</b>										
<b>Albuquerque</b>										
Bataan Memorial Methodist 5200 Gibson Blvd., Se, 87108	G-96	Church	...	225	7	61	4 4	4	26 Res: Surg.,Med.,Path.,Ped.,Rad.	

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>NEW MEXICO, Albuquerque—Continued</b>										
Bernalillo County Medical Center 2211 Lomas Blvd. N.E., 87106	M-96	County	...	204	8	59	...	...	24 Int: Rot., St. Med., St. Path.; Res: Surg., Med., Neur., ObG., Ortho., Path., Ped., Psych.	
University of New Mexico Affiliated Hospitals (Includes Bernalillo County Medical Center and Veterans Admin. Hospital)	M-96	Misc.	...	...	...	...	10	38	83 Res: Surg., Med., Neur., ObG., Ortho., Path., Ped., Psych.	
Veterans Admin. 2100 Ridgcrest Dr S E, 87108	M-96	VA	...	550	30	76	...	...	Res: Surg., Med., Neur., Ortho., Path., Psych.	
<b>Gallup</b> U. S. Public Health Service Indian P O Box 1337, 87301	...	USPHS	...	200	15	50	...	4	8 Res: G. P., Surg.	
<b>Las Vegas</b> New Mexico State P.O. Box 1811, Hot Springs Blvd., 87701	L-96	State	...	...	...	...	...	...	Res: Psych.	
<b>Los Alamos</b> Los Alamos Medical Center 3917 West Road, 87544	...	NP Corp	2	98	6	80	...	...	2 Res: G. P.	
<b>Truth Or Consequences</b> Carrie Tingley Crippled Children's 1400 South Broadway, 87901	G-17,96	State	...	100	57	0	...	4	4 Res: Ortho.	
<b>NEW YORK</b>										
<b>Albany</b>										
Albany Child Guidance Center for Psychiatric Services 135 Western Avenue, 12203	...	Misc.	...	...	...	...	...	...	4 Res: Child Psych.	
Albany Medical Center New Scotland Avenue, 12208	M-54#	NP Corp	4	752	10	62	12	34	54 Int: Rot., St. Med., St. Path.; Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Plast., Psych., Rad., Thor., Urol.	
Albany Medical College Affiliated Hospitals (Includes Albany Medical College Hospital and Veterans Admin. Hospital)	M-54	...	...	...	...	...	35	76	144 Res: Surg., Med., Neurosurg., Oph., Otol., Urol.	
Child's 25 Hackett Blvd, 12208	G-54	Church	...	82	6	35	...	...	Res: Oph., Plast.	
Memorial Northern Blvd., 12204	...	NP Corp	...	233	10	32	12	...	14 Int: Rot.; 3 Res: Surg., Plast.	
St. Peter's 315 So. Manning Blvd., 12208	L-54	Church	...	410	9	43	17	...	20 Int: Rot.; 27 Res: Surg., Med., ObG., Path., Ped., Plast.	
State of New York Department of Health 84 Holland Ave., 12208	...	State	...	...	...	...	...	4	36 Res: Path., G. Prev. Med., Pub. Health	
Veterans Admin. 113 Holland Avenue, 12208	M-54#	VA	4	1005	43	71	...	...	Res: Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Plast., Psych., Rad., Thor., Urol.	
<b>Bay Shore</b> Southside Montauk Highway, 11706	...	NP Corp	...	242	6	26	...	...	2 Res: Path.	
<b>Binghamton</b> Binghamton State 425 Robinson Street, 13901	...	State	...	2490	60	18	8	1	7 Res: Psych.	
<b>Bronxville</b> Lawrence 55 Palmer Avenue, 10708	...	NP Corp	...	300	9	44	10	...	12 Int: Rot.; 2 Res: Path.	
<b>Brooklyn</b> (- See New York City)	...	...	...	...	...	...	...	...	...	
<b>Buffalo</b>										
Buffalo Eye and Ear Hospital and Wettlaufer Clinic 52 Maple Street, 14204	...	NP Corp	...	14	5	0	1	3	3 Res: Oph.	
Buffalo General 100 High St, 14203	M-55#	NP Corp	4,6	727	12	45	...	...	Int: Rot., St. Med., St. Surg., St. Ped.; Res: Anes., Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Plast., Col. - Rec., Urol.	
Buffalo State 400 Forest Avenue, 14213	L-55#	State	...	2925	...	16	8	4	12 Res: Psych.	
Children's Hospital of Buffalo 219 Bryant Street, 14222	M-55#	NP Corp	4,6	313	5	97	...	10	12 Int: St. Ped.; 29 Res: Surg., Neurosurg., ObG., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Thor., Urol.	
Deaconess Hospital of Buffalo 1001 Humboldt Parkway, 14208	...	NP Corp	...	411	11	44	6	7	20 Int: Rot.; 13 Res: Surg., Med., ObG., Oph., Path., Rad.	
Edward J Meyer Memorial 462 Grider St, 14215	M-55#	County	4	826	18	47	...	...	Int: Rot., St. Med., St. Surg., St. Ped.; Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Urol.	
Emergency Hospital of the Diocese of Buffalo 108 Pine Street, 14204	...	Church	...	155	21	29	...	...	Res: Surg.	
Mercy 565 Abbott Road, 14220	G-19	Church	...	346	9	41	7	13	21 Int: Rot.; 24 Res: Surg., Med., Path.	
Millard Fillmore 3 Gates Circle, 14209	L-55#	NP Corp	4,6	547	10	42	2	4	18 Int: Rot.; 49 Res: Anes., G. P., Surg., Med., ObG., Path., Rad., Urol.	
Roswell Park Memorial Institute 666 Elm Street, 14203	...	State	...	313	20	99	27	3	34 Res: Derm., Surg., ObG., Path., Plast., Rad., Urol.	
S.U.N.Y. at Buffalo Affiliated Hospitals(- Includes Buffalo General Hospital, Edward J. Meyer Memorial Hospital, Veterans Admin. Hospital, Roswell Park Memorial Institute)	M-55	Misc.	...	...	...	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped.; Res: Anes., Surg., Med., Neurosurg., ObG., Otol., Psych., Urol.	
Sisters of Charity 2157 Main St., 14214	...	Church	...	444	10	40	14	1	18 Int: Rot.; 2 Res: Surg., Med., ObG., Path., Urol.	
Veterans Admin. 3495 Bailey Avenue, 14215	L-55#	VA	2,4,6	951	49	58	...	...	Res: Surg., Med., Ortho., Otol., Path., PMR, Thor., Urol.	



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Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Neonatal Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>NEW YORK, New York City—Continued</b>										
Albert Einstein College of Medicine Affiliated Hospitals(- Includes Bronx Municipal Hospital Center, Hospital of the Albert Einstein College of Medicine, Lincoln Hospital) .....	M-56	Misc.	...	...	...	...	85	251	354 Res:	Anes., Child Psych., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Psych., Rad., Thor., Urol.
American Telephone and Telegraph Company and Subsidiaries 195 Broadway, 10007 .....	...	...	...	...	...	...	...	1	1 Res:	Occ. Med.
Beekman-Downtown 170 William St, 10038 .....	...	NP Corp	...	200	16	51	5	18	12 Int: 24 Res:	Rot., St. Med., St. Surg.; Surg., Med., Path.
Bellevue Hospital Center First Avenue & 27 Street, 10016 .....	M-57# 60#	City	4.5	2412	18	48	...	...	Int:	Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Urol.
Beth Israel 10 Nathan D. Perlman Pl., 10003 .....	M-108	NP Corp	4	536	15	50	3	27	32 Int: 88 Res:	Rot., St. Med., St. Surg.; Anes., Surg., Med., ObG., Oph., Path., Ped., Plast., Urol.
Bird S. Coler Memorial Hospital and Home (Unit 3) Welfare Island, 10017 .....	M-59#	City	4	1668	817	41	...	...	Res:	Child Psych., Surg., Med., Neur., Oph., PMR, Urol.
Booth Memorial 56-45 Main Street, Flushing, 11355 .....	...	Church	...	250	8	53	16	13	16 Int: 20 Res:	Rot.; Surg., Med., ObG., Path.
Bronx Eye Infirmary 321 E. Tremont Avenue, 10457 .....	...	NP Corp	...	34	6	0	2	7	9 Res:	Oph.
Bronx-Lebanon Hospital Center 1276 Fulton Avenue, 10456 .....	...	NP Corp	4	567	12	41	24	63	27 Int: 8 Res:	Rot., St. Med., St. Surg., St. Ped.; Surg., Med., ObG., Path., Ped., Rad.
Bronx Municipal Hospital Center Pelham Parkway S. & Eastchester Road, 10461 .....	M-56#	City	4.5	1282	16	47	4	63	66 Int: 22 Res:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Thor., Urol.
Bronx State 1500 Waters Pl, 10461 .....	G-56	State	...	1,300	65	20	...	...	Res:	Psych.
Brookdale Hospital Center Linden Blvd. and Rockaway Pkwy., Brooklyn, 11212 .....	G-57	NP Corp	4.5	405	10	47	7	24	30 Int: 56 Res:	Rot., St. Med.; Anes., Surg., Med., ObG., Ortho., Path., Ped.
Brooklyn 121 De Kaib Ave., Brooklyn, 11201 .....	M-61	NP Corp	4.5	392	12	40	...	...	Int:	Rot., St. Med., St. Surg., St. Ped., St. Path.; Surg., Med., ObG., Path., Ped., Urol.
Brooklyn-Cumberland Medical Center, .....	M-61	Misc.	...	...	...	...	15	7	41 Int:	Rot., St. Med., St. Surg., St. Ped., St. Path.; Surg., Med., ObG., Path., Ped., Urol.
Brooklyn Eye and Ear 29 Greene Ave., Brooklyn, 11238 .....	...	NP Corp	...	142	3	37	9	7	96 Res: 20 Res:	Surg., Med., ObG., Path., Ped., Urol. Oph., Otol.
Brooklyn Psychiatric Centers 189 Montague St., Brooklyn, 11201 .....	...	NP Corp	...	...	...	...	...	2	2 Res:	Child Psych.
Brooklyn State 681 Clarkson Ave., Brooklyn, 11203 .....	L-61	State	...	3124	568	14	14	5	19 Res:	Psych.
Brooklyn Womens 1395 Eastern Pkwy., Brooklyn, 11233 .....	...	NP Corp	...	71	6	76	6	...	6 Res:	ObG.
Catholic Medical Center of Brooklyn and Queens(Includes Mary Immaculate Division, St. Charles Division, St. Johns Queens Division, and St. Mary's Division) .....	...	Church	...	...	...	...	...	...	Int:	Rot.; Surg., ObG., Ortho., Path.
City Hospital Center at Elmhurst 79-01 Broadway, Elmhurst, 11373 .....	M-108	City	4.5	941	14	39	27	75	50 Int: 111 Res:	Rot., St. Med., St. Surg.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Psych., Rad., Urol.
Columbia University Affiliated Hospitals(Includes Presbyterian Hospital, New York State Psychiatric Institute) .....	...	Misc.	...	...	...	...	...	...	Res:	Child Psych., Psych., Thor.
Columbus 227 East 19th Street, 10003 .....	...	NP Corp	4	288	13	39	12	19	14 Int: 20 Res:	Rot.; Surg., Med., Ortho.
Coney Island Ocean and Shore Pkwy., Brooklyn, 11235 .....	...	City	4.5	568	18	37	...	...	17 Int:	Rot., St. Med., St. Surg., St. Ped., St. ObG.; Anes., Surg., Med., ObG., Ortho., Path., Ped., Urol.
Cornell Cooperating Hospitals(Includes New York Hospital, Memorial Hospital for Cancer and Allied Diseases-James Ewing Hospital, Hospital for Special Surgery, and North Shore Hospital, Manhasset) .....	M-58	Misc.	...	...	...	...	...	...	123 Res:	Anes., Med., Neur., Ped., Rad.
Creedmoor State 80-45 Winchester Blvd., Queens Village, 11427 .....	...	State	...	6786	90	30	21	4	30 Res:	Psych.
Cumberland 39 Auburn Pl., Brooklyn, 11201 .....	M-61	City	4.5	348	8	52	...	...	Int:	Rot., St. Med., St. Surg., St. Ped., St. Path.; Surg., Med., ObG., Path., Ped., Urol.
Flower and Fifth Avenue Hospitals (Unit 1) Fifth Avenue at 106th Street, 10029 .....	M-59X	NP Corp	...	396	10	38	...	...	Int:	Rot., St. Med., St. Ped., St. Path.; Child Psych., Derm., Surg., Med., Neur., ObG., Oph., Ortho., Path., Ped., PMR, Psych., Rad., Thor., Urol.
Flushing Hospital and Medical Center Parsons Blvd. and 45th Ave., Flushing, 11355 .....	G-59	NP Corp	4	330	9	45	17	27	16 Int: 33 Res:	Rot.; Anes., Surg., Med., ObG., Path., Ped.
Fordham Southern Boulevard & Crotona Avenue, 10458 .....	...	City	4.5	416	11	47	14	...	24 Int:	Rot.; Anes., Surg., Med., ObG., Path., Ped., Urol.
Francis Delafield 99 Fort Washington Ave., 10032 .....	M-57#	City	...	255	28	42	...	...	Res:	Surg., Path., Thor., Urol.
French 330 West 30th Street, 10001 .....	...	NP Corp	...	238	11	49	12	7	12 Int: 11 Res:	Rot., St. Surg.; Surg., ObG.

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>NEW YORK, New York City—Continued</b>										
Goldwater Memorial Welfare Island, 10017	M-57# L-60	City	4,5	1200	500	40	...	...	...	Res: PMR
Greenpoint Kingsland and Skillman Aves., Brooklyn, 11211	...	City	4,5	187	10	35	...	...	...	Int: Rot.,St. Med.,St. Surg.,St. Ped.; Res: Surg.,Med.,ObG.,Path.,Ped.
Harlem Hospital Center 532 Lenox Avenue, 10037	G-57	City	4,5	876	16	28	5 65	13 13	63 115	Int: Rot.,St. Med.,St. Surg.,St. Ped.; Res: Anes.,Surg.,Med.,ObG.,Ortho., Path.,Ped.,Psych.,Thor.
Hillside 75-59 263rd St., Glen Oaks, 11004	...	NP Corp	...	201	182	0	1	2	6	Res: Child Psych.,Psych.
Hospital for Joint Diseases and Medical Center 1919 Madison Avenue, 10035	M-108	NP Corp	4,5	330	17	31	...	6	7	Int: Rot.,St. Surg.; Res: Anes.,Surg.,Med.,Ortho.,Path.
Hospital for Special Surgery 535 E 70th St, 10021	L-58	NP Corp	2	204	20	63	6	16	24	Res: Anes.,Ortho.,Rad.
Hospital of the Albert Einstein College of Medicine 1825 Eastchester Road, 10461	L-56X	NP Corp	...	281	11	43	...	...	...	Res: Anes.,Surg.,Med.,Neurosurg.,Neur., ObG.,Oph.,Ortho.,Otol.,Path., Ped.,PMR,Psych.,Rad.,Thor., Urol.
House of St. Giles the Cripple 1346 President St., Brooklyn, 11213	...	NP Corp	...	30	...	...	2	1	3	Res: Ortho.
Jamaica 89th Ave. and Van Wyck Expwy., Jamaica, 11418	G-59	NP Corp	...	300	9	55	3 24	...	8 27	Int: Rot.; Res: Surg.,Med.,ObG.,Path.
Jewish Hospital and Medical Center of Brooklyn 555 Prospect Pl., Brooklyn, 11238	M-61	NP Corp	4	634	11	...	18 66	12 25	40 130	Int: Rot.,St. Med.,St. Surg.,St. Ped.; Res: Anes.,Surg.,Med.,ObG.,Oph.,Ortho., Path.,Ped.,Ped. All.,Rad.,Thor., Urol.
Jewish Memorial Broadway & 196th Street, 10040	...	NP Corp	4	199	11	38	6 27	...	8 28	Int: Rot.; Res: Surg.,Med.,ObG.,Path.,Ped.
Kingsbrook Jewish Medical Center 86 E. 49th St., Brooklyn, 11203	L-61	NP Corp	4,5	776	119	35	...	6	6	Int: Rot.; Res: Surg.,Med.,Ortho.,Path.,PMR
Kings County Hospital Center 451 Clarkson Ave., Brooklyn, 11203	M-61#	City	4,5	2666	15	39	...	...	...	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; Res: Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Neur.,ObG.,Oph., Ortho.,Otol.,Path.,Ped.,Ped. Card., PMR,Plast.,Psych.,Rad.,Thor., Urol.
Knickerbocker 70 Convent Avenue, 10027	...	NP Corp	...	216	17	45	3 18	...	13 20	Int: Rot.,St. Med.,St. Surg.; Res: Surg.,Med.,ObG.,Path.
Lenox Hill 100 East 77 Street, 10021	...	NP Corp	4	563	12	51	1 16	24 35	30 57	Int: Rot.,St. Med.,St. Ped.; Res: Anes.,Surg.,Med.,Neurosurg.,ObG., Oph.,Ortho.,Path.,Ped.,Rad.
Lincoln 320 Concord Avenue, 10454	M-56#	City	4,5	354	9	54	...	17	17	Int: St. Med.,St. Ped.; Res: Anes.,Surg.,Med.,ObG.,Ortho., Otol.,Path.,Ped.,Ped. Card.,PMR, Psych.,Urol.
Long Island College 340 Henry St., Brooklyn, 11201	M-61	NP Corp	4	550	11	32	15 28	15 20	34 50	Int: Rot.,St. Med.,St. Ped.; Res: Surg.,Med.,Neurosurg.,ObG.,Oph., Otol.,Path.,Ped.,Rad.,Urol.
Lutheran Medical Center 4520, 4th Ave., Brooklyn, 11220	G-59,61	Church	...	291	10	38	9 28	...	11 32	Int: Rot.; Res: Surg.,Med.,ObG.,Path.,Ped.
Madeleine Borg Child Guidance Institute 120 W. 57th Street, 10019	...	NP Corp	...	...	...	...	1	2	9	Res: Child Psych.
Maimonides Medical Center 4802 10th Ave., Brooklyn, 11219	M-61	NP Corp	...	658	14	42	6 22	35 33	47 58	Int: Rot.,St. Med.,St. Surg.,St. Ped.; Res: Anes.,Surg.,Med.,ObG.,Oph.,Ortho., Path.,Ped.,Psych.,Rad.,Thor., Urol.
Maimonides Medical Center Training Program(Includes Coney Island Hospital and Maimonides Medical Center)	M-61	Misc.	...	...	...	...	29	41	77	Res: Anes.,Med.,ObG.,Ortho.,Ped., Urol.
Manhattan Eye Ear and Throat 210 East 64 Street, 10021	...	NP Corp	...	176	5	...	3	30	33	Res: Oph.,Otol.,Plast.
Manhattan State Ward's Island, 10035	L-59	State	...	4024	75	30	7	4	12	Res: Psych.
Mary Immaculate Division(Part of Catholic Medical Center of Brooklyn and Queens) 152-11 89th Ave., Jamaica, 11432	...	Church	4	283	9	34	12 6	...	12 4	Int: Rot.; Res: Surg.,Path.
Memorial Hospital for Cancer and Allied Diseases-James Ewing 444 East 68th Street, 10021	L-58#	NP Corp	...	513	...	56	...	...	...	Int: St. Med.,St. Surg.,St. Ped.; Res: Anes.,Surg.,Med.,Neur.,Path., Ped.,Rad.
Methodist Hospital of Brooklyn 506 6th St., Brooklyn, 11215	L-61	Church	...	471	10	36	6 51	...	21 77	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.; Res: Anes.,Surg.,Med.,ObG.,Path., Ped.,Rad.
Metropolitan Hospital Center (Unit2) 1901 First Ave, 10029	M-59#	City	4,5	983	18	48	...	...	...	Int: Rot.,St. Med.,St. Ped.,St. Path.; Res: Child Psych.,Derm.,Surg.,Med., Neur.,ObG.,Oph.,Ortho.,Path., Ped.,PMR,Psych.,Thor.,Urol.
Misericordia 600 E. 233rd St., 10466	...	Church	4,5	332	12	40	...	1	18	Int: Rot.; Res: Anes.,Surg.,Med.,ObG.,Path., Ped.,Urol.
Misericordia-Fordham Training Program(Includes Fordham Hospital and Misericordia Hospital)	...	Misc.	...	...	...	...	88	6	99	Res: Anes.,Surg.,Med.,ObG.,Path., Ped.,Urol.
Montefiore Hospital and Medical Center 111 East 210th Street, 10467	M-56	NP Corp	...	766	20	42	...	...	...	Int: Rot.,St. Med.,St. Ped.; Res: Anes.,Surg.,Med.,Neurosurg.,Neur., ObG.,Oph.,Ortho.,Path.,Ped., Ped. Card.,PMR,Plast.,Psych., Rad.,Thor.,Urol.
Montefiore Hospital Training Program	...	Misc.	...	...	...	...	2 99	56 127	68 248	Int: Rot.,St. Med.,St. Ped.; Res: Anes.,Surg.,Med.,ObG.,Ortho., Path.,Ped.,Ped. Card.,PMR,Plast., Rad.,Urol.
Morrisania City 168th Street and Gerard Avenue, 10452	...	City	...	366	11	50	...	...	...	Int: Rot.,St. Med.,St. Ped.; Res: Anes.,Surg.,Med.,ObG.,Ortho., Path.,Ped.,Ped. Card.,PMR,Plast., Rad.,Urol.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>NEW YORK, New York City—Continued</b>										
Mount Sinai 11 East 100th Street, 10029	M-108	NP Corp	4,5	1198	13	48	...	33	43 Int: 123 Res:	St. Med., St. Surg., St. Ped.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Thor., Urol.
Mount Sinai Hospital Training Program (Includes Integrated Residencies of City Hospital Center at Elmhurst and Mount Sinai Hospital)	M-108	Misc.	...	...	...	...	59	113	176 Res:	Rot., St. Med., St. Surg., St. Ped.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Psych., Rad., Urol.
New York - See Also Cornell Cooperating Hospitals 525 East 68th St., 10021	M-58#	NP Corp	4,5	1104	12	70	...	...	Int: 176 Res:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Otol., Path., Ped., Ped. Card., Plast., Psych., Rad., Urol.
New York City Dept. of Health 125 Worth St., 10013	...	State	...	...	...	...	...	8	10 Res:	Pub. Health
New York Eye and Ear Infirmary 310 East 14th Street, 10003	...	NP Corp	...	175	6	100	8	25	36 Res:	Oph., Otol.
New York Infirmary Stuyvesant Sq. E. and 15th St., 10003	...	NP Corp	...	268	11	35	9	...	13 Int: 19 Res:	Rot.; Surg., Med., ObG.
New York Medical College-Metropolitan Hospital Center 1 E. 105th St., 10029	M-59#	Misc.	...	...	...	...	...	46	94 Int: 263 Res:	Rot., St. Med., St. Ped., St. Path.; Child Psych., Derm., Surg., Med., Neur., ObG., Oph., Ortho., Path., Ped., PMR, Psych., Rad., Thor., Urol.
New York Polyclinic Medical School and Hospital 345 West 50th Street, 10019	...	NP Corp	4	333	10	47	11	3	20 Int: 42 Res:	Rot., St. Med., St. Surg., St. ObG.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Urol.
New York State Psychiatric Institute 722 W. 168th Street, 10032	M-57#	State	...	182	180	...	...	...	Res:	Child Psych., Psych.
New York University Medical Center-University(- See University Hospital)	M-57.60#	Misc.	...	...	...	...	6	52	67 Int:	Rot., St. Med., St. Surg., St. Ped., St. Path.;
New York University-Bellevue Medical Center(- Includes Bellevue Hospital Center, University Hospital, and Veterans Admin. Hospital (Manhattan))	M-60	Misc.	...	...	...	...	119	251	409 Res:	Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Urol.
Office of the Chief Medical Examiner 520 First Avenue, 10016	...	City	...	...	...	...	...	1	2 Res:	For. Path.
Payne Whitney Psychiatric Clinic (See New York Hospital)	...	...	...	...	...	...	...	...	...	...
Postgraduate Center for Mental Health (Clinic for Children and Adolescents) 124 East 28th Street, 10016	...	NP Corp	...	...	...	...	...	...	3 Res:	Child Psych.
Presbyterian 622 West 168 Street, 10032	M-57#	NP Corp	...	1575	12	50	1	26	48 Int: 319 Res:	St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., PMR, Plast., Psych., Rad., Thor., Urol.
Queens Hospital Center 82-68 164th St., Jamaica, 11432	...	City	4,5	1215	22	36	33	0	36 Int: 100 Res:	Rot.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Ped. Card., Psych., Rad., Thor., Urol.
Roosevelt 428 W. 59th St., 10019	M-57	NP Corp	4,5	562	14	54	2	23	30 Int: 90 Res:	Rot., St. Med., St. Surg., St. Ped.; Derm., Surg., Med., ObG., Path., Ped., Ped. All., Psych., Rad., Urol.
St. Charles Division (Part of Catholic Medical Center of Brooklyn and Queens) 277 Hicks St., Brooklyn, 11201	...	Church	...	45	16	...	2	2	4 Res:	Ortho.
St. Clare's 415 W. 51st St., 10019	...	Church	...	409	14	46	22	...	25 Int: 45 Res:	Rot., St. Med., St. Surg.; Surg., Med., ObG., Path., Ped.
St. John's Episcopal 480 Herkimer St., Brooklyn, 11213	G-61	Church	...	288	10	45	14	...	14 Int: 34 Res:	Rot., St. ObG.; Anes., Surg., Med., ObG., Path., Ped.
St. John's Queens Division (Part of Catholic Medical Center of Brooklyn and Queens) 90-02 Queens Blvd., Elmhurst, 11373	...	Church	...	312	10	30	14	...	16 Int:	Rot.;
St. Luke's Hospital Center Amsterdam Ave. at 114th St., 10025	M-57	NP Corp	4,5	713	10	57	...	21	25 Int: 118 Res:	St. Med., St. Surg., St. Ped.; Anes., Child Psych., Derm., Surg., Med., ObG., Oph., Ortho., Otol., Path., Ped., Plast., Psych., Rad., Urol.
St. Mary's Division (Part of Catholic Medical Center of Brooklyn and Queens) 1298 St. Marks Ave., Brooklyn, 11213	...	Church	...	240	10	34	12	...	12 Int: 10 Res:	Rot.; ObG., Path.
St. Vincent's Hospital and Medical Center of New York 153 W. 11th St., 10011	L-60	Church	...	1025	19	49	...	25	45 Int: 124 Res:	Rot., St. Med., St. Surg.; Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Path., Ped., Ped. All., PMR, Psych., Rad.
St. Vincent's Medical Center of Richmond 355 Bard Ave., Staten Island, 10310	G-59	Church	...	310	10	50	16	...	16 Int: 32 Res:	Rot., St. Ped.; Child Psych., Surg., Med., ObG., Ortho., Path., Ped., Rad.

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							Foreign	Non-Foreign		
<b>NEW YORK, New York City—Continued</b>										
State University Hospital of the Downstate Medical Center 445 Lenox Rd., Brooklyn, 11213	M-61X	State	...	359	8	44	...	...	Int: ... Res: ...	Rot., St. Med., St. Surg., St. Ped., St. Path., Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Thor., Urol.
State University—Kings County Medical Center (Includes Kings County Medical Center, State University Hospital of the Downstate Medical Center and Some Positions at Veterans Admin. Hospital, Brooklyn)	M-61	Misc.	...	...	...	...	9	84	106 Int: ... 413 Res: ...	Rot., St. Med., St. Surg., St. Ped., St. Path., Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Thor., Urol.
Staten Island 101 Castleton Ave., Staten Island, 10301	...	NP Corp	...	276	9	43	4	10	14 Int: ... 12 Res: ...	Rot., Surg., ObG., Path. Child Psych.
Staten Island Mental Health Society 657 Castleton Ave., Staten Island, 10301	...	NP Corp	...	...	...	...	...	...	...	...
Sydenham 565 Manhattan Avenue, 10027	...	City	4	218	10	44	2	...	9 Int: ... 10 Res: ...	Rot., Surg., ObG.
U.S. Naval (See St. Albans, N.Y.)	...	USPHS	2,4,5	708	21	63	1	32	34 Int: ... 81 Res: ...	Rot., St. Med., St. Surg., Anes., Derm., Surg., Med., Oph., Ortho., Path., Rad., Urol.
U.S. Public Health Service Bay and Vanderbilt Sts., Staten Island, 10304	...	USPHS	2,4,5	708	21	63	1	32	34 Int: ... 81 Res: ...	Rot., St. Med., St. Surg., Anes., Derm., Surg., Med., Oph., Ortho., Path., Rad., Urol.
Unity 1545 St. Johns Pl., Brooklyn, 11213	...	NP Corp	...	220	9	39	10	...	10 Int: ... 11 Res: ...	Rot., Surg., Med., ObG.
University 550 First Avenue, 10016	M-60X	NP Corp	4,5	626	13	38	...	...	Int: ... Res: ...	Rot., St. Med., St. Surg., St. Ped., St. Path., Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Urol.
Veterans Admin. (Bronx) 130 W. Kingsbridge Road, 10468	L-56.108	VA	5	1331	39	47	65	46	139 Res: ...	Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Plast., Psych., Rad., Urol.
Veterans Admin. (Brooklyn) 800 Poly Pl., Brooklyn, 11209	M-61	VA	4	1000	42	50	1	12	28 Int: ... 69 Res: ...	St. Med., St. Surg., Derm., Surg., Med., Oph., Path., Thor., Urol.
Veterans Admin. (Manhattan) First Ave. at E. 24th St., 10010	L-60	VA	2,4,5	1194	40	40	...	9	9 Int: ... 87 Res: ...	St. Med., Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Plast., Psych., Rad., Urol.
Wyckoff Heights 374 Stockholm St., Brooklyn, 11237	G-59	NP Corp	...	525	11	36	9	...	12 Int: ... 50 Res: ...	Rot., Surg., Med., ObG., Path., Ped.
<b>Niagara Falls</b>										
Niagara Falls Memorial 621 Tenth Street, 14302	...	NP Corp	...	363	9	49	11	...	13 Int: ... 4 Res: ...	Rot., Path.
<b>Northport</b>										
Veterans Admin., 11768	...	VA	...	2272	939	50	2	...	6 Res: ...	Psych.
<b>Oceanside</b>										
South Nassau Communities 2445 Oceanside Rd., 11572	...	NP Corp	...	...	9	31	1	...	2 Res: ...	Path.
<b>Orangeburg</b>										
Rockland State, 10962	...	State	5	6095	...	27	20	4	6 Res: ...	Psych.
<b>Port Chester</b>										
High Point Upper King Street, 10583	...	Corp.	...	45	262	0	1	...	2 Res: ...	Psych.
United 406 Boston Post Road, 10573	...	NP Corp	...	291	11	...	...	...	8 Int: ... 3 Res: ...	Rot., Surg., Path.
<b>Port Jefferson</b>										
St. Charles 200 Belle Terre Rd., 11777	...	Church	3	164	7	24	2	1	3 Res: ...	Ortho.
<b>Poughkeepsie</b>										
Hudson River State Branch B, 12601	...	State	5	4511	...	19	14	2	19 Res: ...	Psych.
St. Francis North Road, 12601	...	Church	...	253	8	41	10	...	10 Int: ... 1 Res: ...	Rot., Path.
Vassar Brothers Reade Place, 12601	...	NP Corp	...	252	7	32	11	...	12 Int: ... 4 Res: ...	Rot., Path.
<b>Queens Village</b>										
(- See New York City)	...	...	...	...	...	...	...	...	...	...
<b>Rhineback</b>										
Astor Home for Children 36 Mill St., 12572	...	Church	...	52	820	...	2	...	4 Res: ...	Child Psych.
<b>Rochester</b>										
Eastman Kodak Company 343 State St., 14608	...	Corp.	...	...	...	...	...	...	2 Res: ...	Occ. Med.
Genesee 224 Alexander Street, 14607	M-62#	NP Corp	...	332	7	66	3	17	25 Int: ... 34 Res: ...	Rot., St. Med., St. Surg., Anes., Surg., Med., ObG., Path., Ped.
Highland Hospital of Rochester South Ave. at Bellevue Dr., 14620	M-62#	NP Corp	...	262	7	46	2	2	12 Int: ... 22 Res: ...	Rot., St. Med., G. P., Surg., Med., ObG.
Rochester General 1425 Portland Avenue, 14621	M-62#	NP Corp	4	448	8	60	3	12	24 Int: ... 47 Res: ...	Rot., St. Med., St. Surg., St. Ped., Surg., Med., ObG., Ortho., Path., Ped., Psych., Rad.
Rochester Mental Health Center 1425 Portland Avenue, 14621	...	NP Corp	...	...	...	...	...	...	4 Res: ...	Child Psych.
Rochester State 1600 South Avenue, 14620	G-62#	State	4,5	3502	...	35	8	1	9 Res: ...	Psych.
St. Mary's 89 Genesee St., 14611	G-62#	Church	4	318	9	41	3	2	15 Int: ... 25 Res: ...	Rot., Anes., G. P., Surg., Med., ObG., Oph.

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							Foreign	Non-Foreign		
<b>NEW YORK, Rochester—Continued</b>										
Strong Memorial Hospital of the University of Rochester 260 Crittenden Blvd., 14620	M-62X	NP Corp	4,5	631	10	63	1	55	60 Int; 13 133	Rot., St. Med., St. Surg., St. Ped., St. Path., St. ObG.; Anes., Child Psych., G. P., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Plast., Psych., Rad., Urol.
Univ.-Rochester Sch.-Med. and Dentistry, Dept.-Prev. Med.-Comm. Hlth., 14620	...	NP Corp	...	...	...	...	...	...	12 Res;	Occ. Med.
<b>Rockville Centre</b>										
Mercy 1000 N. Village Avenue, 11570	...	Church	...	390	8	36	...	...	12 Int;	Rot.; ObG.
<b>Roslyn</b>										
St. Francis Port Washington Blvd., 11576	...	Church	...	140	13	58	4	...	...	Res: Thor.
<b>St. Albans</b>										
U. S. Naval, St. Albans 17th St. & Linden Blvd., 11425	...	USN	4,5	1399	31	89	...	17 39	17 Int; 40 Res;	Rot.; Anes., Surg., Med., ObG., Path., Rad., Thor., Urol.
<b>Schenectady</b>										
Ellis 1101 Nott Street, 12308	G-54	NP Corp	...	464	10	49	21	...	25 Int;	Rot.; Surg., ObG., Ortho., Path.
St. Clare's 600 Mc Clellan Street, 12304	...	Church	...	240	9	31	11	...	14 Res;	Rot.; ObG.
Schenectady County Child Guidance Center 821 Union St., 12308	...	NP Corp	...	...	...	...	1	...	...	Res: Child Psych.
Sunnyview Rehabilitation Center, Staten Island (- Sec New York City)	...	NP Corp	...	76	...	...	...	...	...	Res: Ortho.
<b>Syracuse</b>										
Crouse - Irving 820 S. Crouse Ave., 13210	M-63	NP Corp	...	...	...	...	...	...	...	Res: Anes.
St. Joseph's 301 Prospect Avenue, 13203	M-63	Church	...	352	7	44	...	12 9	18 Int; 15 Res;	Rot.; Anes., G. P., Surg., ObG., Path.
State University Hospital, Upstate Medical Center 750 E. Adams St., 13210	...	State	...	...	...	...	...	...	...	Res: Ortho
S.U.N.Y. Upstate Medical Center 750 East Adams Street, 13210	M-63X	State	4	1611	12	47	7	33	66 Int; 47 108	216 Res: Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., G.P., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., Plast., Psych., Rad., Urol.
Syracuse Memorial 736 Irving Ave., 13210	M-63	NP Corp	...	...	...	...	...	...	...	Res: Ortho., Ped. Card.
Syracuse Psychiatric 708 Irving Ave., 13210	M-63	State	...	80	38	...	...	...	...	Res: Psych.
Veterans Admin. Irving Ave. and Univ. Pl., 13210	M-63#	VA	...	488	28	63	...	...	...	Res: Anes., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Plast., Psych., Rad., Urol.
<b>Thiells</b>										
Letchworth Village, 10984	...	State	...	4195	...	57	1	...	1 Res;	Psych.
<b>Troy</b>										
Samaritan Peoples and Burdett Aves, 12180	...	NP Corp	...	227	8	28	...	...	16 Int; 4 Res;	Rot.; Path.
<b>Utica</b>										
Children's Hospital and Rehabilitation Center of Utica 1675 Bennett St., 13502	G-63	NP Corp	...	54	14	40	...	...	...	Res: Ortho.
Utica State 1213 Court, 13502	...	State	...	2106	...	32	14	1	15 Res;	Psych.
<b>Valhalla</b>										
Blythedale Children's Bradhurst Avenue, 10595	...	NP Corp	...	72	141	0	...	...	...	Res: PMR
Grasslands, 10595	G-60	County	4,5	470	21	64	13	43	18 Int; 62 Res;	Rot., St. Surg.; Anes., Surg., Med., Oph., Path., Ped., PMR, Psych.
<b>West Brentwood</b>										
Pilgrim State Box A, 11717	...	State	5	12431	...	27	24	1	30 Res;	Psych.
<b>West Haverstraw</b>										
New York State Rehabilitation Route 9w, 10993	G-60	State	...	170	93	0	...	...	...	Res: Ortho., PMR
<b>West Islip</b>										
Good Samaritan 1000 Montauk Highway, 11795	...	NP Corp	...	187	6	16	12	...	12 Int;	Rot.;
<b>White Plains</b>										
White Plains 41 East Post Road, 10601	...	NP Corp	...	265	9	40	7	...	8 Int; 2 Res;	Rot.; Surg.
<b>Willard</b>										
Willard State, 14588	...	State	...	3192	90	35	2	...	9 Res;	Psych.
<b>Wingdale</b>										
Harlem Valley State, 12594	...	State	...	4277	...	33	3	...	12 Res;	Psych.
<b>Yonkers</b>										
St. John's Riverside 967 North Broadway, 10701	G-59	NP Corp	...	285	9	31	14	...	14 Int;	Rot.;
St. Joseph's 127 South Broadway, 10701	...	Church	...	175	11	27	2	1	4 Res;	Path.;
Yonkers General 127 Ashburton Ave, 10701	...	NP Corp	...	183	9	35	8	3	8 Int; 3 Res;	Rot.; G. P.
<b>NORTH CAROLINA</b>										
<b>Asheville</b>										
Memorial Mission 509 Biltmore Avenue, 28801	...	NP Corp	5	339	8	24	...	...	8 Int;	Rot.;
<b>Butner</b>										
John Umstead, 27509	L-64	State	...	1880	36	45	...	10	15 Res;	Psych.

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>NORTH CAROLINA—Continued</b>										
<b>Camp Lejeune</b>										
U. S. Naval, 28542	...	USN	...	500	17	74	...	...	...	Res: Surg.
<b>Chapel Hill</b>										
North Carolina Memorial Pittsboro Road, 27514	M-64X	State	...	406	10	61	...	48	42 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;	
							5	131	176 Res: Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Oph., Ortho., Otol., Path., Ped., Ped., Card., Plast., Psych., Rad., Thor., Urol.	
Univ. of North Carolina Sch.-Med. and Sch. of Pub. Hlth., 27514	...	State	...	...	...	...	...	...	6 Res: G. Prev. Med.	
<b>Charlotte</b>										
Charlotte Memorial 1000 Blythe Boulevard, 28203	L-64	NP Corp	4	726	9	51	...	14	16 Int: Rot.;	
							1	33	46 Res: G. P., Surg., Med., ObG., Ortho., Path., Ped., Thor., Urol.	
<b>Durham</b>										
Duke University Affiliated Hospitals((Includes Integrated Programs of Duke University Medical Center and Veterans Admin. Hospital))	M-65	...	...	...	...	...	7	159	240 Res: Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Plast., Psych., Rad., Urol.	
Duke University Medical Center, 27706	M-65X	NP Corp	4,5	660	10	57	1 2	57 51	67 Int: St. Med., St. Surg., St. Ped., St. Path.;	
									67 Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Plast., Psych., Rad., Thor., Urol.	
Durham Child Guidance Clinic, Duke University Medical Center 402 Trent Street, 27705	...	NP Corp	...	45	180	0	...	7	9 Res: Child Psych.	
Lincoln 1301 Fayetteville St., 27707	...	NP Corp	...	103	...	...	...	...	...	Res: Urol.
Mc Pherson 1110 West Main Street, 27701	G-64.65	Indiv.	...	28	5	0	...	...	...	Res: Oph.
Veterans Admin. Fulton St. & Erwin Rd., 27705	M-65	VA	5	489	23	68	...	...	...	Res: Anes., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Plast., Psych., Rad., Urol.
Watts Club Blvd. at Broad St., 27705	L-64.65	NP Corp	...	315	8	39	5 5	5 1	21 Int: Rot., St. Med., St. Surg.;	
									14 Res: Surg., Med., Path., Ped., Urol.	
<b>Fort Bragg</b>										
U.S. Army, 3rd Army Hdqts. Preventive Medicine Division, 28307	...	USA	...	...	...	...	...	...	1 Res: Pub. Health	
Womack Army, 28307	...	USA	2,4,5	765	8	80	...	5	5 Res: Surg.	
<b>Gastonia</b>										
North Carolina Orthopaedic New Hope Road, 28052	G-65	State	3	140	210	50	...	2	2 Res: Ortho.	
<b>Greensboro</b>										
Moses H. Cone Memorial 1200 N. Elm Street, 27405	L-64#	NP Corp	...	424	9	61	...	...	12 Int: Rot.;	
								1	8 Res: Path., Ped.	
<b>Oteen</b>										
Veterans Admin., 28805	...	VA	...	640	46	58	3	1	4 Res: Thor.	
<b>Raleigh</b>										
Dorothea Dix Station B, 27602	L-64	State	...	2757	182	21	1	14	18 Res: Psych.	
Memorial Hospital of Wake County 3000 New Bern Ave, 27610	L-64	NP Corp	...	380	7	32	...	1	7 Res: ObG., Ped.	
North Carolina State Board of Health 225 N. Mc Dowell St., 27602	...	State	...	...	...	...	1	...	3 Res: Pub. Health	
<b>Wilmington</b>										
Babies 7225 Wrightsville Ave., 28401	...	NP Corp	...	70	6	83	...	...	2 Res: Ped.	
New Hanover Memorial 2431 S. 17th Street, 28401	...	NP Corp	...	400	7	35	5 2	2 1	12 Int: Rot.;	
									6 Res: Surg., Path.	
<b>Winston-Salem</b>										
Forsyth Memorial 3333 Silas Creek Pkwy., 27103	G-66	County	...	498	8	33	...	...	6 Int: Rot.;	
							10	2	24 Res: G. P., Surg.	
Kate Biting Reynolds Memorial 1101 E. 7th Street, 27101	...	City	...	168	9	20	...	...	8 Int: Rot.;	
North Carolina Baptist Hospitals 300 S Hawthorne Rd., 27103	M-66#	Church	...	531	9	60	...	16	33 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;	
							7	87	125 Res: Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Thor., Urol.	
<b>NORTH DAKOTA</b>										
<b>Bismarck</b>										
Bismarck 323 6th St., 58501	L-97	NP Corp	...	193	10	31	2	...	4 Res: Surg., Rad.	
St. Alexius 311 N. 9th St., 58501	L-97	Church	...	254	8	42	...	...	...	Res: Rad.
<b>Fargo</b>										
St. Luke's Hospitals 5th Street & Mills Avenue, 58102	G-45	NP Corp	...	315	7	45	1 1	1 2	12 Int: Rot.;	
									3 Res: Surg., ObG.	
<b>Grand Forks</b>										
Grand Forks Deaconess 212 S. 4th St., 58201	G-97	NP Corp	...	150	9	48	...	...	...	Res: Path.
St. Michael's 501 Columbia Road, 58201	G-97	Church	...	150	7	41	...	...	...	Res: Path.
University of North Dakota Affiliated Hospitals (Includes Grand Forks Deaconess Hospital and St. Michael's Hospital)	G-97	Misc	...	...	...	...	...	...	4 Res: Path.	
<b>OHIO</b>										
<b>Akron</b>										
Akron City 525 E. Market Street, 44309	...	NP Corp	...	606	10	54	...	23	26 Int: Rot., St. Med., St. Surg.;	
							10	39	58 Res: G. P., Surg., Med., ObG., Oph., Ortho., Path., Rad., Urol.	

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							Foreign	Non-Foreign		
<b>OHIO. Akron - Continued</b>										
Akron General 400 Wabash Avenue, 44307	...	NP Corp	...	452	11	48	4	6	18 Int; 53 Res	Rot.; G. P., Surg., Med., ObG., Ortho., Path., Rad., Urol.
Children's Hospital of Akron Buchtel Ave. at Bowery St., 44308	...	NP Corp	...	247	5	85	3	4	6 Int; 28 Res	St. Ped.; Ortho., Path., Ped.
St. Thomas 444 North Main Street, 44310	...	Church	...	357	9	50	16	...	16 Int; 38 Res	Rot.; G. P., Surg., Med., ObG., Path.
<b>Barberton</b>										
Barberton Citizens Tuscora Park, 44203	...	NP Corp	...	310	8	37	15	3	15 Int; 8 Res	Rot.; G. P., Path.
<b>Canton</b>										
Aultman 2600 Sixth St. S.W., 44710	...	NP Corp	...	502	9	44	2	...	10 Int; 28 Res	Rot., St. Path.; Surg., Med., ObG., Path.
Mercy 723 Market Ave. N., 44702	...	Church	...	438	8	39	9	...	12 Res	Surg., ObG.
<b>Cincinnati</b>										
Bethesda Oak & Reading, 45206	...	Church	...	356	9	...	1	5	6 Res	ObG.
Central Psychiatric Clinic Cincinnati General Hosp., 45229	M-67X	City	...	...	...	...	...	...	...	Res: Child Psych.
Child Guidance Home of the Jewish Hospital 3140 Harvey Avenue, 45229	L-67	NP Corp	...	16	730	0	...	...	...	Res: Child Psych.
Children's Elland Ave. and Bethesda, 45229	M-67#	Church	4.5	215	6	70	...	...	...	Res: Surg., Neurosurg., Ortho., Path., Ped., Ped. All., Ped. Card., Rad., Urol.
Christ 2139 Auburn Avenue, 45219	...	NP Corp	...	600	11	41	4	8	21 Int; 20 Res	Rot., St. Surg.; G. P., Surg., Neurosurg., Plast., Urol.
Cincinnati General 3231 Burnet Avenue, 45229	M-67X	City	4.5	692	11	49	2	61	70 Int	Rot., St. Med., St. Surg., St. Ped., St. Path.; Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Psych., Rad., Urol.
Convalescent Hospital for Children Auburn & Wellington Place, 45219	G-67#	NP Corp	4.5	100	59	100	...	...	...	Res: Ped. All.
Daniel Drake Memorial Galbraith & Vine Street, 45216	G-67#	County	...	961	650	53	6	...	15 Res	Med.
Good Samaritan 3217 Clifton Avenue, 45220	L-67	Church	...	714	10	50	1	11	27 Int; 25 Res	Rot., St. Med., St. Surg., St. Ped.; G. P., Surg., Med., Neurosurg., ObG., Ortho., Path., Ped., Urol.
Jewish Burnet Avenue, 45229	...	NP Corp	...	462	9	37	2	3	17 Int; 34 Res	Rot., St. Med.; Surg., Med., Ortho., Path., Ped., Rad.
Longview State 6600 Paddock Road, 45216	...	State	...	3256	128	18	...	...	...	Res: Surg.
National Lead Company of Ohio P.O. Box 39158, 45239	...	Corp.	...	...	...	...	...	1	1 Res	Occ. Med.
Rollman Psychiatric Institute 3009 Burnet Avenue, 45219	...	State	...	160	53	100	8	18	30 Res	Psych.
U.S. Pub. Hlth. Serv. National Center for Urban and Industrial Health 1014 Broadway, 45202	...	USPHS	...	...	...	...	...	...	2 Res	Occ. Med.
University of Cincinnati Hospital Group (Includes positions at Child Guidance Home, Christ Hospital, Cincinnati General Hospital, Convalescent Hosp. for Children, Daniel Drake Memorial Hosp., Good Samaritan Hosp., Jewish Hosp., Veterans Admin. Hospital)	M-67	Misc.	...	...	...	...	29	214	224 Res	Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Psych., Rad., Urol.
University of Cincinnati Institute of Environmental Health Kettering Laboratory, 45219	G-67X	NP Corp	...	...	...	...	1	5	16 Res	Occ. Med.
Veterans Admin. 3200 Vine Street, 45220	M-67#	VA	...	463	36	63	...	...	...	Res: Surg., Med., Neurosurg., Neur., Ortho., Otol., Path., Psych., Urol.
<b>Cleveland</b>										
Cleveland Clinic 2020 East 93rd St., 44106	...	NP Corp	...	571	9	58	35	82	30 Int; 152 Res	Rot., St. Med., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Ped., PMR, Plast., Col. - Rec., Psych., Rad., Thor., Urol.
Cleveland Guidance Center 2525 East 22nd Street, 44115	...	NP Corp	...	...	...	...	...	...	4 Res	Child Psych.
Cleveland Metropolitan General 3395 Scranton Road, 44109	M-68#	County	4.5	562	13	67	1	37	40 Int; 148 Res	Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Med., Neurosurg., Neur., ObG., Oph., Ortho., Path., Ped., PMR, Rad., Thor., Urol.
Cleveland Psychiatric Institute 1708 Aiken Avenue, 44109	...	State	...	260	75	55	9	2	25 Res	Psych.
Cuyahoga County Coroner's Office 2121 Adelbert Rd., 44106	...	...	...	...	...	...	...	1	2 Res	For. Path.
Evangelical Deaconess 4229 Pearl Road, 44109	...	Church	...	232	8	37	3	...	8 Int; 2 Res	Rot.; Path.
Fairhill Psychiatric 12200 Fairhill Road, 44120	...	State	...	177	58	69	8	2	18 Res	Psych.
Fairview General 18101 Lorain, 44111	...	NP Corp	...	338	8	54	15	39	19 Int; 45 Res	Rot.; Anes., G. P., Surg., Med., ObG., Oph., Path., Ped.
Highland View 3901 Ireland Drive, 44122	L-68	County	...	340	87	53	...	...	...	Res: Neur., PMR
Huron Road 13951 Terrace Road, 44112	...	NP Corp	...	381	11	43	11	38	13 Int; 44 Res	Rot.; Anes., Surg., Med., ObG., Path., Urol.
Lutheran 2609 Franklin Blvd, 44113	...	Church	...	332	11	52	12	...	12 Int; 16 Res	Rot.; Surg., Med., Path.
Marymount 12300 Mc Cracken Rd., 44125	...	Church	...	230	9	41	11	...	12 Int; 8 Res	Rot.; Anes., Path.
Mount Sinai Hospital of Cleveland University Circle, 44106	...	NP Corp	4.5	509	11	45	...	13	24 Int; 60 Res	Rot., St. Med., St. Surg.; Anes., Derm., Surg., Med., ObG., Oph., Ortho., Path., Ped., Rad.

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							Foreign	Non-Foreign		
<b>OHIO, Cleveland—Continued</b>										
Polyclinic 6606 Carnegie Avenue, 44103	...	NP Corp	...	144	10	29	8	...	8 Res:	G. P.
St. Alexis 5163 Broadway Avenue, 44127	...	Church	...	369	9	45	8	19	12 Int:	Rot;
St. Ann 2475 East Boulevard, 44120	...	Church	...	95	6	32	2	2	19 Res:	Anes.,Surg.,Path.
St. John's 7911 Detroit Avenue, 44102	...	Church	...	329	9	35	5	...	3 Res:	ObG.
St. Luke's 11311 Shaker Blvd., 44104	...	Church	4	481	9	56	1	7	15 Int:	Rot;
St. Vincent Charity 2351 East 22nd Street, 44115	...	Church	5	416	13	42	7	1	18 Res:	G. P.
Sunny Acres Cuyahoga County Tuberculosis 4310 Richmond Road, 44122	L-68#	County	...	383	285	38	...	...	20 Int:	Rot.,St. Med.,St. Ped.;
University Hospitals of Cleveland 2065 Adelbert Road, 44106	M-68#	NP Corp	4	963	10	62	1	46	46 Res:	Anes.,Derm.,Surg.,Med.,ObG., Oph.,Ortho.,Otol.,Path.,Ped., Rad.
Veterans Admin. 10701 East Blvd., 44106	M-68#	VA	4	795	35	66	...	...	12 Int:	Rot;
Western Reserve University Affiliated Hospitals(Includes University Hospitals of Cleveland, Cleveland Metropolitan General Hospital, Sunny Acres Cuyahoga County Tuberculosis Hospital, and Veterans Admin. Hospital)	M-68	Misc.	...	...	...	...	...	...	33 Res:	Anes.,Surg.,Med.,Neurosurg.,Oph., Ortho.,Otol.,Path.,Thor.
<b>Cleveland Heights</b>									59 Int:	Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;
Doctors 12345 Cedar Rd, 44106	...	NP Corp	...	199	12	41	9	...	243 Res:	Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Neur.,ObG.,Oph., Ortho.,Otol.,Path.,Ped.,Ped. Card., Plast.,Psych.,Rad.,Thor.,Urol.
<b>Columbus</b>									...	Anes.,Derm.,Surg.,Med.,Neurosurg., Neur.,Oph.,Ortho.,Otol.,Path., Plast.,Psych.,Rad.,Thor.,Urol.
Children's 561 South 17th Street, 43205	M-69	NP Corp	4,5	300	6	74	8	32	...	Res: Neurosurg.,Thor.,Urol.
Columbus State 1960 W Broad St, 43223	...	State	...	2066	...	46	13	10	16 Res:	G. P.
Grant 309 East State Street, 43215	M-69	NP Corp	...	430	9	37	2	4	45 Res:	Surg.,Neurosurg.,Ortho.,Otol., Path.,Ped.,Ped. Card.,Plast.
Mount Carmel 793 West State Street, 43222	M-69	Church	...	419	9	50	...	1	24 Res:	Psych.
Ohio State University Affiliated Hospitals(Includes Ohio State University Hospitals and Children's Hospital)	M-69	Misc.	...	...	...	...	...	22	16 Int:	Rot;
Ohio State University Department of Preventive Medicine, 43210	...	State	...	...	...	...	5	10	4 Res:	Path.
Ohio State University Hospitals 410 W. 10th Avenue, 43210	M-69X	State	4,5	943	10	68	1	37	18 Int:	Rot;
Riverside Methodist 3535 Olentangy River Road, 43214	M-69	Church	...	500	9	43	2	5	44 Int:	St. Med.,St. Surg.,St. Ped.,St. Path.;
St. Ann's Hospital for Women 1555 Bryden Road, 43205	...	Church	...	85	4	17	...	...	189 Res:	Anes.,Child Psych.,Derm.,Surg., Med.,Neurosurg.,Neur.,ObG.,Oph., Ortho.,Otol.,Path.,PMR,Plast., Psych.,Rad.,Thor.,Urol.
<b>Cuyahoga Falls</b>									24 Int:	Rot;
Fallsview Mental Health Center 330 Broadway East, 44222	...	State	...	150	29	100	...	...	27 Res:	G. P.,Surg.,Med.,Neurosurg.,ObG., Ortho.,Path.
<b>Dayton</b>									...	Res: ObG.
Dayton Children's Psychiatric Hospital & Child Guidance Center(For Dayton and Montgomery County)	...	Misc.	...	84	138	...	...	2	15 Res:	Psych.
Good Samaritan 1425 W. Fairview Ave., 45406	...	NP Corp	...	488	9	50	...	12	4 Res:	Child Psych.
Miami Valley 1 Wyoming Street, 45409	...	NP Corp	4	678	10	45	1	8	13 Int:	Rot;
St. Elizabeth 601 Miami Blvd West, 45408	...	Church	...	467	8	33	1	1	17 Res:	G. P.,Surg.,Med.,ObG.
U. S. Air Force, Dayton Wright-Patterson A.F.B., 45433	...	USAF	2,4,5	350	13	79	...	12	16 Int:	Rot;
U.S. Air Force Headquarters Air Force Logistics Command Wright-Patterson Air Force Base, 45433	...	USAF	...	...	...	...	...	2	2 Res:	Occ. Med.
Veterans Admin. Center 4100 West Third Street, 45428	G-69	VA	4	766	44	70	22	5	48 Res:	Surg.,Med.,Path.,Rad.,Urol.
<b>Elyria</b>									...	...
Elyria Memorial 630 E River Street, 44035	...	NP Corp	...	338	7	40	9	13	12 Int:	Rot;
<b>Euclid</b>									18 Res:	G. P.,Surg.,Ortho.,Path.,Rad.
Euclid General East 185th Street & Lake Erie, 44119	...	NP Corp	...	287	9	44	7	6	14 Int:	Rot;
<b>Kettering</b>									12 Res:	G. P.
Charles F. Kettering Memorial 3535 Southern Boulevard, 45429	...	Church	...	400	8	40	1	9	12 Int:	Rot;
<b>Lakewood</b>									4 Res:	Path.
Lakewood 14519 Detroit Ave, 44107	...	City	...	303	10	49	9	17	23 Res:	Surg.,Med.
<b>Lima</b>									...	...
St. Rita's 730 W Market St, 45801	...	NP Corp	...	291	7	35	...	1	12 Int:	Rot;
<b>Lorain</b>									4 Res:	Path.
St. Joseph 205 West 20th Street, 44052	...	Church	...	269	8	38	9	5	12 Int:	Rot;
									10 Res:	G. P.,Path.,Rad.

CONSOLIDATED LIST OF HOSPITALS

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							Foreign	Non-Foreign		
<b>OHIO - Continued</b>										
<b>Ravenna</b>										
Robinson Memorial Portage County 449 S Meridian St., 44266	...	County	...	247	6	39	6	...	15 Res:	G. P., Surg.
<b>Springfield</b>										
Community Hospital of Springfield and Clark County 2615 East High Street, 45501	...	NP Corp	2,3	275	8	27	...	11	10 Int:	Rot.;
Mercy 1343 North Fountain, 45501	...	Church	...	371	8	39	...	10	10 Int:	Rot.;
<b>Steubenville</b>										
Ohio Valley 380 Summit Avenue, 43952	...	NP Corp	3	248	8	22	8	...	10 Int:	Rot.;
<b>Toledo</b>										
Flower 3350 Collingwood Blvd, 43610	...	Church	...	189	8	31	12	...	9 Int:	Rot.;
Maumee Valley 2025 Arlington Ave, 43609	...	County	...	234	11	51	8	...	1 Res:	Surg.
Mercy 2221 Madison Ave, 43624	...	NP Corp	...	350	9	45	15	...	12 Int:	Rot.;
Riverside 1609 Summit Street, 43604	...	NP Corp	...	186	8	31	7	3	26 Res:	Surg., Med., ObG., Path., Ped., Urol.
St. Charles 2600 Navarre Avenue, 43616	...	Church	...	235	10	34	4	...	18 Int:	Rot.;
St. Vincent Hospital and Medical Center 2213 Cherry Street, 43608	...	NP Corp	...	533	9	48	11	...	18 Res:	G. P., Path.
Toledo 2142 N Cove Blvd, 43606	...	NP Corp	3	450	8	55	10	...	9 Int:	Rot.;
Warren	...	Church	...	165	7	33	6	...	13 Int:	Rot.;
St. Joseph's Riverside 1400 Tod Avenue N W, 44485	...	NP Corp	...	339	8	42	12	...	4 Res:	G. P.
Trumbull Memorial 1350 East Market Street, 44482	...	NP Corp	...	...	...	...	11	...	16 Int:	Rot.;
Worthington	...	NP Corp	...	...	...	...	...	7	25 Res:	G. P., Surg., ObG., Path., Ped.
Harding 445 E Granville Rd, 43085	...	NP Corp	...	...	...	...	...	...	9 Res:	Psych.
<b>Youngstown</b>										
St. Elizabeth 1044 Belmont Avenue, 44505	...	Church	4	537	9	31	4	4	21 Int:	Rot.;
Youngstown S. Unit, Oak Hill and Francis Sts; N. Unit, Gypsy Lane - Goleta Ave., 44501	...	NP Corp	4	814	9	45	17	1	48 Res:	Anes., G. P., Surg., Med., ObG., Path., Rad.
...	...	...	...	...	...	...	46	7	30 Int:	Rot., St. Med., St. Surg.;
...	...	...	...	...	...	...	...	...	54 Res:	Anes., Surg., Med., Ortho., Path., Rad.
<b>OKLAHOMA</b>										
<b>Fort Sill</b>										
Reynolds Army 4700 Hartell Blvd, 73503	...	USA	2,4	350	9	88	...	3	...	Res: Surg.
<b>Norman</b>										
Central State Griffin Memorial Box 151, 73069	G-70#	State	...	1900	20	16	5	9	15 Res:	Psych.
<b>Oklahoma City</b>										
Baptist Memorial 5800 Northwest Grand Blvd, 73112	L-70#	Church	...	364	8	34	...	4	10 Int:	Rot.;
Bone and Joint 605 N.W. 10th St., 73102	G-70#	Corp.	1,2,3	74	10	33	...	3	13 Res:	Med., Path., Rad.
Mercy Hospital Oklahoma City General 501 N.W. 12th Street, 73103	L-70#	Church	...	206	7	34	...	...	...	Ortho.
Office of the State Medical Examiner 800 N.E. 13th St., 73104	...	State	...	...	...	...	...	...	12 Int:	Rot.;
Presbyterian 300 N.W. 12th Street, 73103	L-70#	Church	...	193	7	44	...	...	3 Res:	Surg., Path.
St. Anthony 601 N.W. 9th St., 73102	L-70#	Church	2,3,4	543	8	39	...	14	1 Res:	For. Path.
State of Oklahoma Dept. of Health 800 N.E. 13th St., 73104	...	State	...	...	...	...	...	...	...	Int: Rot.;
University of Oklahoma Hospitals 800 Northeast 13th, 73104	M-70X	State	4,5	455	12	56	...	4	14 Int:	Rot.;
University of Oklahoma Medical Center (Includes University of Oklahoma Hospitals, Presbyterian Hospital, St. Anthony Hospital, Veterans Admin. Hospital)	M-70	Misc.	...	...	...	...	0	31	22 Res:	Surg., Neurosurg., ObG., Oph., Ortho., Path., Ped., Rad.
University of Oklahoma School of Medicine 800 N.E. 13th St., 73104	M-70	State	...	...	...	...	1	9	12 Res:	Pub. Health
Veterans Admin. 921 N. E. 13th Street, 73104	M-70#	VA	5	488	23	76	...	...	...	Int: Rot., St. Ped.;
...	...	...	...	...	...	...	...	...	...	Res: Anes., Child Psych., Derm., G. P., Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., Psych., Rad., Thor., Urol.
...	...	...	...	...	...	...	...	...	...	Int: Rot., St. Med., St. Surg.;
...	...	...	...	...	...	...	...	...	...	Res: Anes., Derm., G. P., Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Psych., Rad., Thor., Urol.
<b>Tulsa</b>										
Children's Medical Center 4818 South Lewis, 74105	G-70#	NP Corp	...	40	64	100	2	2	6 Res:	Child Psych.
Hillcrest Medical Center Utica On the Park, 74104	...	NP Corp	...	492	8	32	1	12	16 Int:	Rot.;
St. Francis 6161 South Yale, 74135	...	Church	...	275	8	31	...	...	10 Res:	Surg., ObG., Path., Ped.
St. John's 1923 South Utica, 74104	...	Church	...	575	8	30	...	10	12 Int:	Rot.;
...	...	...	...	...	...	...	...	6	16 Res:	Surg., Med., ObG., Path., Ped.

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1968	Approved Program
							Foreign	Non-Foreign		
<b>OREGON</b>										
<b>Portland</b>										
Emanuel 2801 N. Gantenbein Ave., 97227	G-71	Church	...	472	8	52	1	14	16 Int; 25 Res	Rot.; Surg., Med., ObG., Ortho., Path.
Good Samaritan Hospital and Medical Center 1015 N.W. 22nd, 97210	G-91	Church	460	8	48	0	17	4	17 Int; 28 Res	Rot., St. Med., St. Surg., St. Path.; Surg., Med., Neurosurg., Neur., Oph., Path.
Portland Sanitarium and Hospital 6040 S E Belmont, 97215	...	Church	...	259	8	39	1	4	10 Int	Rot.
Providence 700 N. E. 47 Avenue, 97213	...	Church	...	341	8	45	...	4	12 Int	Rot.
St. Vincent 2447 N.W. Westover Road, 97210	G-71	Church	...	362	8	43	3	2	12 Res	Surg., Med., Path.
Shriners Hospital for Crippled Children 8200 N. E. Sandy Blvd., 97220	G-71	NP Corp	...	80	62	100	4	5	6 Int; 22 Res	St. Surg.; G. P., Surg., Path.
State of Oregon Dept. of Health 1400 S.W. 5th Ave., 97201	...	State	...	...	...	...	...	2	10 Res	Pub. Health
University of Oregon Affiliated Hospitals (Includes University of Oregon Medical School Hospitals and Clinics, Veterans Admin. Hospital, and Some Positions at Good Samaritan Hospital)	M-71	Misc.	...	...	...	...	2	12	8 Int; 14 Res	St. Med.; Neurosurg., Oph.
University of Oregon Medical School Hospitals and Clinics 3181 S.W. Sam Jackson Park, 97201	M-71X	State	...	620	15	65	5	36	197 Res	Rot., St. Med., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Thor., Urol.
Veterans Admin. Sam Jackson Park, 97207	M-71#	VA	4	563	24	74	2	7	11 Res	St. Med.; Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Thor., Urol.
<b>Salem</b>										
Oregon State Station A, 97310	...	State	...	2201	67	39	...	9	9 Res	Psych.
<b>PENNSYLVANIA</b>										
<b>Abington</b>										
Abington Memorial 1200 York Road, 19001	...	NP Corp	4,5	437	8	43	9	15	16 Int; 34 Res	Rot.; G. P., Surg., Med., ObG., Path., Rad.
<b>Allentown</b>										
Allentown 17th & Chew Sts., 18102	G-73	NP Corp	4	539	10	46	1	12	16 Int	Rot.; Rad.
Allentown State Hanover Ave. & Quebec St., 18103	...	State	...	...	...	...	8	7	17 Res	Surg., ObG., Path., Plast., Col. - Rec.
Sacred Heart Fourth & Chew, 18102	...	Church	...	363	10	24	...	4	10 Int; 6 Res	Rot.; Surg., Rad.
<b>Altoona</b>										
Altoona 701 Howard Avenue, 16603	...	NP Corp	...	439	10	29	9	1	16 Int; 15 Res	Rot.; G. P., Surg., ObG., Path.
<b>Bethlehem</b>										
St. Luke's 801 Ostrum Street, 18015	G-73	NP Corp	...	449	11	46	...	2	14 Int; 20 Res	Rot.; Surg., Med., ObG., Path.
<b>Bridgeville</b>										
Mayview State, 15017	...	State	...	2684	184	1	...	...	12 Res	Psych.
<b>Bristol</b>										
Lower Bucks Bath Rd. & Orchard Ave., 19007	...	NP Corp	...	278	7	38	...	4	8 Int; 6 Res	Rot.; G. P.
<b>Bryn Mawr</b>										
Bryn Mawr Bryn Mawr Avenue, 19010	...	NP Corp	5	405	9	36	...	6	14 Int; 30 Res	Rot., St. Med., St. Surg.; Surg., Med., Path., Rad.
<b>Chester</b>										
Crozer-Chester Medical Center 15th St. & Upland Ave., 19013	...	NP Corp	...	379	9	33	5	...	8 Int; 10 Res	Rot.; G. P., Path.
<b>Coatesville</b>										
Veterans Admin., 19320	M-73	VA	2	1602	625	83	3	1	14 Res	Neur., Psych.
<b>Danville</b>										
Danville State, 17821	...	State	...	2076	68	19	...	2	10 Res	Psych.
Geisinger Medical Center, 17821	...	NP Corp	4,5	359	8	62	1	15	15 Int; 58 Res	Rot.; Derm., Surg., Med., ObG., Oph., Ortho., Otol., Path., Rad., Urol.
<b>Darby</b>										
Thomas M. Fitzgerald Mercy Lansdowne Ave. and Baily Rd., 19023	M-72	Church	...	375	8	43	4	4	16 Int; 19 Res	Rot.; Surg., Med., ObG., Path., Rad.
<b>Drexel Hill</b>										
Delaware County Memorial 501 N Lansdowne Ave, 19026	...	NP Corp	...	301	10	33	8	...	8 Int; 4 Res	Rot.; G. P.
<b>Easton</b>										
Easton 21st & Lehigh St., 18042	...	NP Corp	...	287	9	51	6	...	10 Int; 6 Res	Rot.; Surg., Path.
<b>Elizabethtown</b>										
State Hospital for Crippled Children, 17022	G-73	State	...	208	212	0	1	2	5 Res	Ortho.
<b>Erie</b>										
Hamot 4 East Second Street, 16512	...	NP Corp	...	428	9	49	2	6	12 Int; 16 Res	Rot.; Surg., ObG., Ortho., Path., Urol.
St. Vincent 232 W. 25th Street, 16512	...	NP Corp	...	480	8	28	1	...	10 Int; 14 Res	Rot.; Surg., ObG., Path., Urol.
<b>Greensburg</b>										
Westmoreland 532 West Pittsburgh Street, 15601	...	NP Corp	...	269	8	37	6	1	8 Int; 2 Res	Rot.; Surg.
<b>Harrisburg</b>										
Harrisburg South Front Street, 17101	M-72	NP Corp	4,5	635	11	51	...	16	24 Int; 36 Res	Rot.; Surg., Med., ObG., Path., Ped.
Harrisburg Polyclinic Third and Radnor Streets, 17105	...	NP Corp	...	711	13	48	...	7	23 Int; 6 Res	Rot.; Surg., Med., Ped., Rad.
Harrisburg State Cameron & Maclay Sts., 17105	...	State	...	2047	...	22	...	6	17 Res	Psych.
Pennsylvania Dept. of Health P.O. Box 90, 17108	...	State	...	...	...	...	...	4	12 Res	Occ. Med., Pub. Health

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							Foreign	Non-Foreign		
<b>PENNSYLVANIA - Continued</b>										
<b>Hazleton</b>										
Hazleton State General E. Broad Street, 18201	...	State	...	173	10	16	2	...	4 Res:	Surg.
St. Joseph 687 N. Church Street, 18201	...	Church	...	200	8	30	...	...	4 Res:	Surg.
<b>Johnstown</b>										
Conemaugh Valley Memorial 1086 Franklin Street, 15905	G-73	NP Corp	...	486	10	46	...	10	12 Int:	Rot.;
Mercy Hospital of Johnstown 1020 Franklin St., 15905	...	Church	...	241	9	35	...	...	12 Res:	Anes., Surg., Path.
<b>Lancaster</b>										
Lancaster General 525 North Duke Street, 17604	G-75	NP Corp	...	487	9	35	...	5	12 Int:	Rot.;
St. Joseph 250 College Ave., 17604	...	Church	...	328	...	...	...	1	6 Res:	G. P., Path.
<b>Mc Keesport</b>										
Mc Keesport 1500 Fifth Avenue, 15132	...	NP Corp	...	521	10	30	11	...	12 Int:	Rot.;
<b>Norristown</b>										
Montgomery 1301 Powell Street, 19401	...	NP Corp	...	309	7	34	1	...	6 Int:	Rot.;
Montgomery County Mental Health Clinics 1122 Powell Street, 19401	...	NP Corp	...	...	...	...	2	...	10 Res:	G. P., Path.
Norristown State Stanbridge & Sterigere Sts., 19401	...	State	...	3321	...	31	5	10	4 Res:	Child Psych.
Sacred Heart 1430 De Kalb Street, 19401	...	Church	...	208	8	39	3	...	30 Res:	Psych.
<b>Philadelphia</b>										
Albert Einstein Medical Center(Includes Northern Division and Southern Division) York & Tabor Roads, 19141	M-74	NP Corp	4,5	931	11	39	17	29	46 Int:	Rot., St. Med., St. Surg.;
							60	38	117 Res:	Anes., Child Psych., Surg., Med., Neurosurg., ObG., Ortho., Path., Ped., PMR, Psych., Rad., Urol.
Chestnut Hill 8835 Germantown Ave., 19118	L-73	NP Corp	...	225	9	44	1	4	9 Int:	Rot., St. Path.;
Child Study Center of Philadelphia 110 North 48th Street, 19139	...	Misc.	...	...	...	...	1	...	2 Res:	Surg., Path.
Children's Hospital of Philadelphia 1740 Bainbridge St., 19146	M-75# G-73	NP Corp	8	164	6	87	...	8	6 Res:	Child Psych.
							2	15	15 Int:	St. Ped.;
								33	33 Res:	Anes., Surg., Neurosurg., Neur., Oph., Ortho., Path., Ped., Ped. All., Ped. Card., Child Psych., Psych.
Eastern Pennsylvania Psychiatric Institute Henry Ave. & Abbotsford Rd., 19129	M-76# L-95	State	...	155	88	0	6	19	30 Res:	Child Psych., Psych.
Episcopal Front St. & Lehigh Ave., 19125	M-74	NP Corp	...	326	11	43	9	...	12 Int:	Rot., St. Med., St. Surg.;
							17	8	35 Res:	Surg., Med., Neurosurg., ObG., Path., Urol.
Frankford Frankford Ave. & Wakeling, 19124	...	NP Corp	...	205	8	33	6	...	10 Int:	Rot.;
Germantown Dispensary and Hospital E. Penn & E. Wister Streets, 19144	M-74, L-76	NP Corp	...	331	11	51	3	...	5 Res:	Surg., Path.
Graduate Hospital of the University of Pennsylvania 19th & Lombard Streets, 19146	M-75X	NP Corp	...	341	14	53	9	6	13 Int:	Rot.;
							31	23	19 Res:	Surg., Med., ObG., Path., Rad.
Hahnemann Medical College and Hospital 230 North Broad Street, 19102	M-72	NP Corp	...	536	13	47	...	12	23 Int:	St. Med., St. Surg., St. Ped., St. Path.;
							30	66	148 Res:	Anes., Child Psych., Derm., Surg., Med., Neurosurg., ObG., Ortho., Path., Ped., Psych., Rad., Thor., Urol.
Hospital of the University of Pennsylvania 3400 Spruce Street, 19104	M-75X	NP Corp	4,5	936	12	70	...	48	54 Int:	St. Med., St. Surg., St. Path.;
							26	194	278 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., G. Prev. Med., Psych., Rad., Urol.
Hospital of the Woman's Medical College of Pennsylvania 3300 Henry Avenue, 19129	M-76X	NP Corp	...	203	8	58	...	...	...	Int: Rot., St. Med., St. Surg., St. Ped., St. Path.;
							23	14	49 Res:	Surg., Med., ObG., Path., Ped., Psych., Urol.
Institute of the Pennsylvania Hospital 111 North 49th Street, 19139	...	NP Corp	...	270	54	29	...	22	24 Res:	Psych.
Irving Schwartz Inst for Children and Youth of(The Philadelphia Psychiatric Center) Ford Rd and Monument, 19131	...	NP Corp	...	...	...	...	...	3	49 Res:	Child Psych.
Jeanes Hartel & Hasbrook Ave, 19111	G-75	Church	...	169	10	40	1	2	4 Res:	Surg.
Jefferson Medical College 11th & Walnut Streets, 19107	M-73X	NP Corp	4,5	764	12	58	...	29	30 Int:	Rot., St. Med.;
							28	117	200 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., G. Prev. Med., Psych., Rad., Urol.
Lankenau Lancaster & City Line Avenues, 19151	M-73#	NP Corp	...	432	10	55	...	9	14 Int:	Rot.;
Magee Memorial Hospital-Rehabilitation Center 1513 Race Street, 19102	...	NP Corp	...	66	68	0	...	2	25 Res:	Surg., Med., ObG., Ortho., Path.
Memorial 5800 Ridge Avenue, 19128	...	NP Corp	...	201	10	30	3	...	6 Int:	Rot.;
Mercy Catholic Medical Center(Includes Misericordia Hospital and Thomas M. Fitzgerald Mercy Hospital, Darby)	...	...	...	...	...	...	...	...	1 Res:	Path.
Mercy-Douglass 5000 Woodland Avenue, 19143	...	NP Corp	4	272	...	21	7	...	...	Res: Surg.
Methodist 2301 S Broad St, 19148	M-73	Church	...	249	9	18	...	5	8 Int:	Rot.;
Misericordia 54th St & Cedar Ave, 19143	L-72, 73	Church	4	400	11	47	4	6	12 Res:	Surg., Med., Psych.
Moss Rehabilitation 12th St & Tabor Rd, 19141	L-74	NP Corp	...	145	35	24	...	7	8 Int:	Rot.;
							2	7	13 Res:	Surg., Med., ObG., Path., Rad.
							...	...	...	Res: Med., PMR

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							Foreign	Non-Foreign		
<b>PENNSYLVANIA, Philadelphia—Continued</b>										
Nazareth 2601 Holme Avenue, 19152	...	Church	...	...	...	...	1	...	18 Int;	Rot.;
Northeastern Hospital of Philadelphia 2301 E. Allegheny Ave., 19134	...	NP Corp	...	160	10	42	7	4	21 Res;	Surg., Med., Path., Rad.
Office of the Medical Examiner, Dept. of Public Health 13th and Wood Sts., 19107	...	City	...	...	...	...	...	...	4 Res;	For. Path.
Pennsylvania Eighth & Spruce Streets, 19107	M-75#	NP Corp	5	425	9	34	...	18	18 Int;	Rot., St. Med., St. Surg.;
Philadelphia Child Guidance Clinic 1700 Bainbridge Street, 19146	...	Misc.	...	...	...	...	5	33	51 Res;	Anes., Surg., Med., Neur., ObG., Ortho., Path., Plast., Rad., Urol.
Philadelphia General Civic Center Boulevard at 34th Street, 19104	M-72# 73# ,75# L-74,76	City	4,5	1593	16	43	12	54	90 Int;	Rot., St. Med., St. Ped.;
Philadelphia Psychiatric Center Ford Rd & Monument Ave, 19131	L-75	NP Corp	...	154	42	50	1	14	19 Res;	Psych.
Philadelphia State Roosevelt Boulevard and Southampton Road, 19114	L-75	State	...	6300	90	24	17	3	30 Res;	Psych.
Presbyterian-University of Pennsylvania Medical Center 51 N 39th Street, 19104	M-75#	Church	...	331	11	59	1	13	22 Int;	Rot., St. Med., St. Path.;
St. Agnes 1900 S. Broad Street, 19145	L-72	Church	...	256	10	22	9	...	10 Int;	Rot.;
St. Christopher's Hospital for Children 2600 N Lawrence Street, 19133	M-74	NP Corp	4,5	150	7	87	4	4	9 Int;	St. Ped.;
St. Joseph's 16th St. & Girard Avenue, 19130	...	NP Corp	...	200	11	31	6	...	6 Int;	Rot.;
St. Luke's and Children's Medical Center Girard Ave & 8th, 19122	...	NP Corp	...	319	11	30	7	1	12 Int;	Rot.;
St. Mary's Franciscan 1567 E. Palmer St., 19125	...	Church	...	226	10	27	5	...	8 Int;	Rot.;
Shriners Hospital for Crippled Children 8400 Roosevelt Blvd, 19152	L-74	NP Corp	...	100	103	0	...	5	2 Res;	Surg.
Temple University 3401 North Broad Street, 19140	M-74X	NP Corp	4,5	742	12	64	...	18	33 Int;	Rot., St. Surg., St. Med., St. Path.;
Temple University Affiliated Hospitals (Includes Temple University Hospital, Moss Rehabilitation Hospital, St. Christopher's Hospital, and Some Positions at Albert Einstein Medical Center and Philadelphia General Hospital)	M-74 M-73	Misc. USN	4,5	1350	22	53	9	28	56 Res;	Neur., Ped., PMR, Urol.
U. S. Naval, Philadelphia 17th & Pattison Ave, 19145	...	...	...	...	...	...	...	18	18 Int;	Rot., St. Med., St. Surg.;
University of Pennsylvania Affiliated Hospitals (Includes Hospital of the University of Pennsylvania, Veterans Admin. Hospital, and Some Positions at the Graduate Hospital of the University of Pennsylvania and Philadelphia General Hospital)	M-75 M-75,76#	Misc. VA	4	488	27	58	4	42	50 Res;	Derm., Med., ObG.
Veterans Admin. University & Woodland Aves., 19104	...	...	...	...	...	...	...	...	...	Rot., St. Med.;
Wills Eye Hospital and Research Institute 1601 Spring Garden St., 19130	L-74,76 G-73	City	3	185	7	0	...	...	...	Derm., Surg., Med., Oph., Ortho., Path., PMR, Rad., Urol.
<b>Pittsburgh</b>										
Allegheny General 320 East North Avenue, 15212	G-77	NP Corp	4,5	589	11	40	...	...	16 Int;	Rot.;
Children's Hospital of Pittsburgh (See Also Health Center Hospitals of University of Pittsburgh)	M-77#	NP Corp	4	280	9	84	0	11	56 Res;	Anes., Surg., Med., ObG., Oph., Ortho., Path., Plast., Rad., Thor., Urol.
Eye and Ear Hospital of Pittsburgh (See Health Center Hospitals of University of Pittsburgh)	M-77#	NP Corp	...	177	5	83	...	...	...	St. Ped.;
Health Center Hospitals of the University of Pittsburgh (Includes Children's Hospital, Eye and Ear Hospital, Magee-Women's Hospital, Presbyterian-University Hospital, Veterans Admin. Hospital, Western Psychiatric Institute and Clinic)	M-77#	Misc.	...	...	...	...	...	...	...	Anes., Surg., Surg., Neurosurg., Oph., Ortho., Path., Ped., Ped. All., Ped. Card., Plast., Rad., Thor.
Jones and Laughlin Steel Corporation (Pittsburgh Works Division) 3 Gateway Center, 15230	...	Corp.	...	...	...	...	...	...	...	Int;
Magee-Women's (See Also Health Center Hospitals of University of Pittsburgh)	M-77#	NP Corp	5	420	8	43	...	...	4 Int;	Rot.;
Mercy 1400 Locust St., 15219	G-77	Church	...	585	11	52	...	14	24 Int;	Rot., St. Med.;
							29	20	59 Res;	Anes., Surg., Med., Neurosurg., ObG., Oph., Otol., Path., Rad., Urol.

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							Foreign	Non-Foreign		
<b>PENNSYLVANIA, Pittsburgh—Continued</b>										
Montefiore 3459 Fifth Avenue, 15213	L-77	NP Corp	4,5	429	11	44	1	2	21 Int: Rot., St. Med.; 30 Res: Surg., Med., Oph., Path., Rad.	
Pittsburgh 6655 Franksstown Avenue, 15206	...	NP Corp	...	243	9	20	5	...	6 Int: Rot.; 3 Res: ObG.	
Presbyterian-University(See Health Center Hospitals of the University of Pittsburgh)	M-77#	NP Corp	5	511	14	62	1	33	39 Int: St. Med., St. Surg., St. Path.; ... Res: Anes., Surg., Med., Neurosurg., Ortho., Path., Plast., Rad., Thor., Urol.	
St. Francis General 45th St. and Penn Ave., 15201	G-77	NP Corp	5	806	15	28	13	10	22 Int: Rot.; 49 Res: Anes., Surg., Med., ObG., Ortho., Path., PMR, Rad., Thor.	
St. Joseph's Hospital and Dispensary 2117 Carson Street, 15203	...	Church	...	170	9	25	4	...	6 Int: Rot.;	
St. Margaret Memorial 265 - 46th Street, 15201	...	Church	...	236	11	36	8	...	10 Int: Rot.; 3 Res: Surg., Path.	
Shadyside 5230 Centre Avenue, 15232	...	NP Corp	...	373	11	33	5	...	14 Int: Rot.; 10 Res: Med., Path., Thor.	
South Side S. 20th and Jane Sts, 15203	...	NP Corp	5	354	10	37	5	4	9 Int: Rot.; 3 Res: Path.	
University of Pittsburgh Graduate School of Public Health 130 De Soto St., 15213	...	NP Corp	...	...	...	...	...	3	8 Res: Occ. Med.	
Veterans Admin. (See Health Center Hospitals of the University of Pittsburgh) University Drive C. 15240	M-77#	VA	...	...	...	...	...	...	7 Res: Anes Derm., Surg., Med., Neurosurg., Oph., Ortho., Otol., Path., PMR, Plast., Rad., Urol.	
Western Pennsylvania 4800 Friendship Ave, 15224	...	NP Corp	5	561	10	47	15	1	24 Int: Rot., St. Med., St. Surg., St. Path.; 46 Res: Surg., Med., ObG., Path., Plast., Rad., Urol.	
Western Psychiatric Institute and Clinic(See Also Health Center Hospitals of the University of Pittsburgh)	M-77#	NP Corp	...	150	43	100	2	49	60 Res: Child Psych., Psych.	
<b>Pottsville</b>										
A. C. Milliken E Norwegian and Tremont Sts, 17901	...	Church	1	222	10	29	6	...	6 Res: G. P.	
Pottsville Hospital and Warne Clinic Mauch Chunk & Jackson Sts, 17901	...	NP Corp	...	320	10	32	6	...	6 Int: Rot.; 4 Res: G. P.	
<b>Reading</b>										
Community General 145 North Sixth Street, 19601	...	NP Corp	...	219	11	30	2	...	6 Res: G. P.	
Reading 6th & Spruce St, 19602	G-75	NP Corp	4	609	11	52	...	...	16 Int: Rot., St. Med., St. Surg.; 28 Res: Surg., Med., ObG., Ortho., Path., Rad.	
St. Joseph's 215 North 12th Street, 19603	...	NP Corp	4	298	13	37	1	...	6 Res: G. P., Path.	
<b>Sayre</b>										
Robert Packer 200 S Wilbur Avenue, 18840	...	NP Corp	...	301	8	55	...	12	12 Int: Rot.; 27 Res: Anes., Surg., Med., Oph., Path., Ped., Rad.	
<b>Sharon</b>										
Sharon General 740 East State St, 16146	...	NP Corp	...	300	8	26	1	...	4 Res: G. P.	
<b>Uniontown</b>										
Uniontown 500 W. Berkeley, 15401	...	NP Corp	...	283	10	27	7	...	7 Int: Rot.; 2 Res: Surg.	
<b>Warren</b>										
Warren State Jamestown Rd, 16365	...	State	4	2352	94	32	7	8	27 Res: Psych.	
<b>Washington</b>										
Washington 155 Wilson Avenue, 15301	...	NP Corp	...	453	10	44	...	5	12 Int: Rot.;	
<b>West Chester</b>										
Chester County 500 East Marshall Street, 19380	...	NP Corp	3,4	186	7	35	5	...	6 Int: Rot.;	
<b>West Reading</b>										
Reading(See Reading, Pa.)	...	...	...	...	...	...	...	...	...	
<b>Wilkes-Barre</b>										
Childrens Service Center of Wyoming Valley 335 S Franklin Street, 18702	...	Misc.	...	20	555	0	...	...	4 Res: Child Psych.	
Mercy 196 Hanover Street, 18703	...	NP Corp	...	299	11	6	3	...	6 Int: Rot.;	
Veterans Admin. 1111 East End Boulevard, 18703	...	VA	4	500	46	54	...	...	... Res: Surg.	
Wilkes-Barre General River & Auburn Sts, 18702	...	NP Corp	...	361	11	34	...	2	10 Int: Rot.; 6 Res: Surg., Path.	
<b>Wilkinsburg</b>										
Columbia 312 Penn Avenue, 15221	...	NP Corp	...	278	10	27	7	...	6 Int: Rot.; 3 Res: Surg., ObG.	
<b>Williamsport</b>										
Williamsport 777 Rural Avenue, 17701	...	NP Corp	...	311	9	24	1	...	8 Int: Rot.; 3 Res: Surg.	
<b>York</b>										
York 1001 South George Street, 17405	L-39	NP Corp	...	524	7	55	...	18	24 Int: Rot., St. Surg.; 29 Res: G. P., Surg., Med., ObG., Path.	
<b>PUERTO RICO</b>										
<b>Bayamon</b>										
Puerto Rico Institute of Psychiatry P.O. Box 127, 00619	M-78#	NP Corp	2	275	90	80	6	...	6 Res: Psych.	
<b>Hato Rey</b>										
Auxilio Mutuo Ponce De Leon Ave Stop 37, 00918	...	NP Corp	...	153	7	29	7	...	10 Int: Rot.;	
<b>Ponce</b>										
Hospital De Damas Concordia Street, 00731	...	Church	...	153	7	42	...	...	5 Int: Rot.; 8 Res: Anes., Surg.	
Ponce District General Bo. Machuelo, 00731	...	State	...	412	12	25	1	...	18 Int: Rot.; 53 Res: Surg., Med., ObG., Path., Ped.	

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>PUERTO RICO—Continued</b>										
<b>San Juan</b>										
I. Gonzalez Martinez Oncologic Puerto Rico Medical Center, 00935	G-78	NP Corp	...	70	19	69	2	0	1 Res:	Surg.,Ortho.,Path.,Rad.
Industrial Puerto Rico Medical Center, 00935	G-78	State	...	185	16	75	...	...	...	Res: Anes.,Rad.
Institute of Legal Medicine, University of Puerto Rico Puerto Rico Medical Center, 00935	...	...	...	...	...	...	...	...	1 Res:	For. Path.
Municipal Hospital Dr. Rafael Lopez Nussa Puerto Rico Medical Center, 00935	L-78	City	...	528	8	...	...	18 35	54 Int; 98 Res:	Rot.,St. Med.,St. Surg.,St. Ped.; Anes.,Surg.,Med.,ObG.,Oph.,Ortho., Otol.,Path.,Ped.,Rad.,Urol.
Presbyterian Community 1451 Ashford Avenue, 00907	...	NP Corp	...	216	7	15	1	...	1 Res:	Ped.
University District Puerto Rico Medical Center, 00935	M-78#	State	...	325	9	71	2	30	47 Int;	Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;
University of Puerto Rico Affiliated Hospitals(Includes Industrial Hospital, Municipal Hospital Dr. Rafael Lopez Nussa, University District Hospital, Veterans Admin. Hospital, and I. Gonzalez Martinez Oncologic Hospital)	M-78	Misc.	...	...	...	...	17	12	57 Res:	Anes.,Oph.,Ortho.,Rad.
Department of Puerto Rico School of Medicine Department of Psychiatry Puerto Rico Medical Center, 00935	M-78X	State	...	1100	121	98	14	5	26 Res:	Child Psych.,Psych.
Veterans Admin. Center 520 Ponce De Leon Avenue, 00901	M-78#	VA	2,4	200	18	82	...	...	8 Int; ...	St. Med.; Surg.,Med.,Oph.,Ortho.,Path., PMR.,Rad.
<b>RHODE ISLAND</b>										
<b>Howard</b>										
Rhode Island Medical Center-Institute of Mental Health, 02834	...	State	...	1967	...	48	11	1	24 Res:	Psych.
<b>Newport</b>										
Newport Friendship St., 02840	...	NP Corp	...	244	10	30	8	...	8 Int:	Rot.;
U.S. Naval Third & Cypress Streets, 02840	...	USN	...	476	12	85	...	7	1 Res; 7 Int:	Path. Rot.;
<b>North Providence</b>										
Our Lady of Fatima 200 High Service Avenue, 02904	...	Church	...	275	12	23	...	...	...	Res: Path.
<b>Pawtucket</b>										
Memorial Prospect Street, 02860	...	NP Corp	...	283	10	31	2	...	8 Int: 8 Res:	Rot.; G. P.,Path.
<b>Providence</b>										
Miriam 164 Summit Avenue, 02906	...	NP Corp	...	160	11	37	7	...	12 Int:	Rot.;
Providence Lying-in 50 Maude Street, 02908	M-42	NP Corp	...	212	5	35	...	...	9 Res:	Med. ObG.
Rhode Island 593 Eddy Street, 02902	M-101	NP Corp	4	680	10	43	2	23 40	28 Int; 87 Res:	Rot.,St. Med.; Anes.,Surg.,Med.,Neurosurg.,ObG., Oph.,Ortho.,Otol.,Path.,Ped., Ped. All.,Plast.,Rad.,Urol.
Roger Williams General 825 Chalkstone Ave, 02908	...	NP Corp	...	260	9	35	...	...	8 Int:	Rot.;
St. Joseph's 21 Peace Street, 02907	...	Church	...	271	9	36	14	...	6 Res:	Ped.
Veterans Admin. Davis Park, 02908	G-40	VA	...	393	38	54	5	1	14 Int; 12 Res:	Path. Surg.,Med.
<b>Riverside</b>										
Emma Pendleton Bradley 1011 Veterans Meml Pkwy, 02915	...	NP Corp	...	65	1095	...	1	...	4 Res:	Child Psych.
<b>SOUTH CAROLINA</b>										
<b>Charleston</b>										
Charleston County 326 Calhoun, 29401	M-79#	County	...	145	17	31	...	...	...	Res: Surg.,Med.,Oph.,Ortho., Plast.,Urol.
Medical Center Hospitals(Includes Medical College Hospital, Charleston County Hospital, Veterans Admin. Hospital, St. Francis Xavier Hospital, and Some Positions at U. S. Naval Hospital)	M-79	...	...	...	...	...	...	...	...	Int: Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;
Medical College 55 Doughty Street, 29401	M-79X	State	4,5	453	9	57	...	26	47 Int;	Rot.,St. Med.,St. Surg.,St. Ped., St. Path.;
St. Francis Xavier Calhoun St. and Ashley Ave, 29402	...	Church	...	145	7	...	...	...	...	Res: Plast.
U.S. Naval Naval Base, 29408	...	USN	...	565	17	70	...	8	8 Int:	Rot.;
Veterans Admin. 109 Bee Street, 29403	M-79#	VA	...	388	26	64	...	...	...	Res: Ortho. Anes.,Surg.,Oph.,Ortho.,Plast., Psych.,Rad.,Urol.
<b>Columbia</b>										
Columbia Hospital of Richland County 2020 Hampton Street, 29204	...	County	...	513	10	19	...	...	15 Int:	Rot.;
South Carolina State 2100 Bull Street, 29202	...	State	...	3821	912	28	3 1	7 7	9 Res: 18 Res:	Surg.,ObG.,Ortho.,Ped. Psych.
<b>Florence</b>										
Mc Leod Infirmary 145 W. Cheves St., 29501	...	NP Corp	2	329	8	14	...	4	6 Int:	Rot.;

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							Foreign	Non-Foreign		
<b>SOUTH CAROLINA—Continued</b>										
<b>Greenville</b>										
Greenville General ..... 100 Mallard Street, 29601	...	NP Corp	...	625	9	29	...	16	18 Int; 29 Res;	Rot.; G. P., Surg., ObG., Ortho., Path., Ped.
Shriners Hospital for Crippled Children ..... 2100 N Pleasantburg Drive, 29609	G-65	NP Corp	...	60	48	...	...	3	3 Res;	Ortho.
<b>Spartanburg</b>										
Spartanburg General ..... 855 N Church Street, 29303	G-79	County	...	479	8	24	...	3	15 Int; 8 Res;	Rot.; Surg.
<b>SOUTH DAKOTA</b>										
<b>Sioux Falls</b>										
Mc Kennan ..... 800 East 21st Street, 57101	L-80	Church	2	279	8	35	...	6	6 Int;	Rot.;
Sioux Valley ..... 1123 South Euclid, 57105	L-80	NP Corp	...	287	8	41	...	6	6 Int;	Rot.;
Yankton								3	4 Res;	Path.
Sacred Heart ..... West 4th St, 57078	L-80	Church	...	202	6	31	...	4	5 Res;	Surg.
<b>TENNESSEE</b>										
<b>Chattanooga</b>										
Baroness Erlanger ..... 261 Wiehl Street, 37403	...	County	...	654	8	37	1	14	14 Int; 55 Res;	Rot.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Plast., Rad.
Newell Clinic ..... 707 Walnut Street, 37402	...	Corp.	1	58	7	8	2	...	3 Res;	Surg.
T.C. Thompson Children's ..... 1001 Glenwood Drive, 37406	...	Cy-Co	...	100	6	49	3	...	6 Res;	Ped.
Tennessee Valley Authority, Division of Health and Safety ..... 715 Edney Building,	...	TVA	...	...	...	...	...	...	1 Res;	Occ. Med.
<b>Knoxville</b>										
East Tennessee Affiliated Hospitals, ..... East Tennessee Children's ..... 1912 Laurel Avenue, 37916	...	Misc. NP Corp	...	...	...	...	...	1	4 Res;	Ped.
St. Mary's Memorial ..... Oak Hill Avenue, 37917	...	State	...	425	9	22	...	1	1 Res;	Ortho.
University of Tennessee Memorial Research Center and Hospital ..... 1924 Alcoa Highway, 37920	...	State	...	336	8	38	...	2	20 Int; 32 Res;	Rot.; Anes., G. P., Surg., Med., ObG., Ortho., Path., Ped., Rad.
<b>Memphis</b>										
Baptist Memorial ..... 899 Madison Avenue, 38103	M-81	Church	...	1260	9	36	1	23	38 Int; 43 Res;	Rot., St. Med., St. Surg., St. Path.; Surg., Med., Neurosurg., ObG., Ortho., Path., Ped., Rad.
Campbell Foundation and University of Tennessee (Includes Baptist Memorial Hospital, City of Memphis Hospitals, Le Bonheur Children's Hospital, Methodist Hospital, Crippled Children's Hospital, Veterans Admin. Hospital) ..... City of Memphis Hospitals ..... 860 Madison Avenue, 38103	M-81 M-81#	Misc. City	4,5	...	...	...	...	22	24 Res; 62 Int;	Ortho. Rot., St. Med., St. Surg., St. Ped.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Plast., Psych., Rad., Thor., Urol.
Crippled Children's ..... 2009 Lamar Ave, Le Bonheur Children's ..... 848 Adams Ave, 38103	M-81	NP Corp	...	89	...	...	...	...	...	Res: Ortho., Ped.
Methodist ..... 1265 Union Ave, 38104	L-81	Church	...	769	8	38	...	14	17 Int; 31 Res;	Rot., St. Path.; Surg., Neurosurg., ObG., Oph., Ortho., Otol., Path., Rad.
St. Joseph ..... 220 Overton Avenue, 38101	L-81	Church	...	400	8	45	1	2	23 Int;	Rot.;
Tennessee Psychiatric Hospital and Institute ..... 865 Poplar Avenue, 38105	M-81	State	...	175	51	...	...	6	13 Res;	Surg., ObG., Path., Ped. Psych.
University of Tennessee Affiliated Hospitals (Includes City of Memphis Hospitals, Baptist Memorial Hospital, Methodist Hospital, Le Bonheur Children's Hospital, Tennessee Psychiatric Institute, Veterans Admin. Hospital, West Tenn. Tuberculosis Hospital) ..... University of Tennessee Institute of Pathology ..... 858 Madison Ave., 38103	M-81	Misc.	...	...	...	...	9	116	152 Res;	Derm., Surg., Med., Neurosurg., Neur., Oph., Otol., Ped., Ped. Card., Psych., Rad., Thor., Urol.
Veterans Admin. .... 1030 Jefferson Ave, 38104	M-81	VA	4,5	926	38	74	...	...	...	Res: Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Psych., Rad., Thor., Urol.
West Tennessee Chest Disease ..... 842 Jefferson Avenue, 38103	L-81	State	...	285	106	48	...	...	...	Res: Med., Thor.
<b>Nashville</b>										
Baptist ..... 2000 Church Street, 37203	...	Church	...	500	7	35	...	5	16 Int; 35 Res;	Rot.; Surg., Med., ObG., Path., Ped.
George W. Hubbard Hospital of the Meharry Medical College ..... 1005 18th Avenue N, 37208	M-82X	Church	4	224	11	50	...	10	18 Int; 44 Res;	Rot., St. Med., St. Ped.; Surg., Med., ObG., Oph., Path., Ped., Psych., Rad.
Nashville Metropolitan General ..... 72 Hermitage Avenue, 37210	M-83#	City	...	234	9	44	...	...	...	Int: St. Med., St. Surg., St. Ped., St. Path., St. ObG.; Surg., Med., Neurosurg., ObG., Oph., Otol., Path., Ped., Rad., Urol.
St. Thomas ..... 2000 Hayes Street, 37203	...	Church	...	327	8	37	1	...	15 Int;	Rot.;
State of Tennessee Dept. of Public Health ..... Cordell Hull Bldg., 37219	...	State	...	...	...	...	11	5	24 Res;	Surg., Med., ObG., Path. Pub. Health

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							Foreign	Non-Foreign		
<b>TENNESSEE, Nashville - Continued</b>										
Vanderbilt University 1161 21st Avenue South, 37203	M-83X	NP Corp	...	495	11	59	...	...	Int: 37 Res: 2	St. Med., St. Surg., St. Ped., St. Path., St. ObG.; Anes., Child Psych., Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Rad., Urol.
Vanderbilt University Affiliated Hospitals, .....	M-83	Misc.	...	...	...	...	...	56	58 Int: 7	St. Med., St. Surg., St. Ped., St. Path., St. ObG.; Surg., Med., Neurosurg., ObG., Oph., Path., Ped., Rad., Urol.
Veterans Admin. .... 1310 24th Ave., South, 37203	M-83#	VA	...	498	26	56	...	...	Int: 158 Res: 7	St. Med., St. Surg., St. Ped., St. Path., St. ObG.; Surg., Med., Neurosurg., Oph., Otol., Path., Rad., Urol.
<b>Oak Ridge</b>										
Oak Ridge Associated Universities, Medical Division P. O. Box 117, 37830	...	NP Corp	...	34	10	83	...	...	1 Res:	Path.
<b>TEXAS</b>										
<b>Austin</b>										
Austin State 4110 Guadalupe, 78751	...	State	...	3453	401	80	8	19	34 Res:	Psych.
Brackenridge 15th & East Avenue, 78701	G-85	City	...	255	8	37	...	7	12 Int: 7	Rot.; Surg., Path.
State of Texas Dept. of Health, 78701	...	State	...	...	...	...	...	3	2 Res:	Pub. Health
<b>Brooks Air Force Base</b>										
U.S.A.F. School of Aerospace Medicine, 78235	...	USAF	...	...	...	...	...	54	72 Res:	Aero. Med.
<b>Corpus Christi</b>										
Driscoll Foundation Children's 3533 S. Alameda, 78411	...	NP Corp	5	128	20	81	10	...	12 Res:	Ped.
Memorial Medical Center 2606 Hospital Boulevard, 78405	...	Cy-Co	...	402	8	31	9	2	10 Int:	Rot.;
<b>Dallas</b>										
Baylor University Medical Center 3500 Gaston Avenue, 75246	L-84	Church	4,5	793	8	49	...	1	27 Int: 57 Res:	Rot., St. Med., St. Surg., St. Path.; Surg., Med., ObG., Ortho., Path., PMR, Col. - Rec., Rad., Thor., Urol.
Children's Medical Center 1935 Amelia, 75235	M-84#	NP Corp	4,5	190	11	62	...	6	10 Int: 24 Res:	St. Ped.; Neurosurg., Neur., Ped., Ped. All., Ped. Card., Rad., Thor.
Dallas Child Guidance Clinic 2101 Welborn, 75219	...	NP Corp	...	...	...	...	...	...	...	Child Psych.
Gaston Episcopal 3505 Gaston Avenue, 75246	...	NP Corp	...	106	7	26	...	2	3 Res:	Surg.
Methodist Hospital of Dallas 301 West Colorado, 75208	L-84	Church	...	410	7	36	...	19	19 Int: 39 Res:	Rot., St. Path.; Surg., Med., ObG., Path., Ped., Rad.
Parkland Memorial 5201 Harry Hines Blvd., 75235	M-84#	County	4,5	823	10	42	...	9	58 Int: 140 Res:	Rot., St. Med., St. Surg., St. Path.; Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., PMR, Psych., Rad., Thor., Urol.
Presbyterian Hospital of Dallas 8200 Walnut Hill Lane, 75231	L-84#	Church	...	261	6	56	...	4	12 Int: 1 Res:	Rot.; Col. - Rec.
St. Paul 5909 Harry Hines Blvd., 75235	L-84	Church	...	484	7	42	...	1	12 Int: 27 Res:	Rot., St. Path.; Surg., Med., Neurosurg., ObG., Path., Rad.
Texas Scottish Rite Hospital for Crippled Children 2201 Welborn, 75219	L-84	NP Corp	...	78	27	100	...	...	...	Ortho.
Timberlawn Sanitarium 4600 Samuell Boulevard, 75223	G-84	Corp.	...	154	76	0	...	...	...	Psych.
University of Texas Southwestern Medical School 5323 Harry Hines Blvd., 75235	M-84	State	...	...	...	...	...	6	6 Res:	Child Psych.
University of Texas Southwestern Medical School Affiliated Hospitals (Includes Children's Medical Center, Parkland Memorial Hosp., St. Paul's Hosp., Scottish Rite Hosp., Timberlawn, Veterans Admin. Hosp., Terrell State Hosp. (Terrell), U. S. P. H. S. Hosp., (Fort Worth))	M-84	Misc.	...	...	...	...	24	37	71 Res:	Neurosurg., Neur., Ortho., Ped., Rad., Thor., Urol.
Veterans Admin. .... 4500 South Lancaster, 75216	M-84#	VA	4,5	778	29	51	...	12	15 Int: 71 Res:	St. Med.; Surg., Med., Neur., Oph., Ortho., Otol., Path., Psych., Rad., Thor., Urol.
<b>El Paso</b>										
R. E. Thomason General 4815 Alameda Avenue, 79905	...	Cy-Co	...	335	11	44	4	1	14 Int: 8 Res:	Rot.; G. P., ObG.
William Beaumont General, El Paso Hayes Street, 79920	...	USA	2,4,5	750	13	80	...	2	24 Int: 52 Res:	Rot., St. Med., St. Surg.; Surg., Med., ObG., Ortho., Path., Ped.
<b>Fort Hood</b>										
Darnall Army Bldg # 36000, 76544	...	USA	...	285	9	53	...	5	6 Res:	Surg.
<b>Fort Worth</b>										
Fort Worth Children's Hospital - Fort Worth Medical Center 1400 Cooper, 76104	...	NP Corp	...	102	5	65	...	...	2 Res:	Ortho.
Harris Hospital - Fort Worth Medical Center 1300 West Cannon, 76104	...	Church	...	505	7	39	...	...	3 Int: 8 Res:	St. Path.; Anes., Path.
John Peter Smith 1500 South Main Street, 76104	G-84	Dist.	2,3,4,5	208	7	36	...	18	21 Int: 12 Res:	Rot.; G. P.
St. Joseph 1401 S. Main, 76104	...	Church	...	352	7	32	...	...	8 Int: 5 Res:	Rot.; Surg., Path.
U. S. Public Health Service 3150 Horton Road, 76119	G-84	USPHS	2,4	764	223	63	...	...	...	Psych.

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							Foreign	Non-Foreign		
<b>TEXAS—Continued</b>										
<b>Galveston</b>										
University of Texas Medical Branch Hospitals 8th & Mechanic Streets, 77550	M-85X	State	...	1024	19	56	2 21	26 130	42 Int; 200 Res	Rot., St. Med., St. Surg., St. Ped.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., Plast., Psych., Rad., Thor., Urol.
<b>Houston</b>										
Baylor University Affiliated Hospitals, .....	M-86	Misc.	...	...	...	...	...	...	...	Int; Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., PMR, Plast., Psych., Rad., Thor., Urol.
Ben Taub General ..... 1502 Taub Loop, 77025	M-86#	Dist.	4,5	620	12	60	...	...	26 Int; ... Res	Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Plast., Psych., Rad., Thor., Urol.
Hermann ..... 1203 Ross Sterling Ave., 77025	L-86	NP Corp	5	652	8	50	2 4	13 47	18 Int; 59 Res	Rot.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Col. - Rec., Rad., Urol.
Jefferson Davis ..... 1502 Taub Loop, 77019	...	Dist.	...	...	...	...	...	...	...	Res; ObG., Path., Ped.
Memorial Baptist ..... 1100 Louisiana, 77002	...	NP Corp	...	955	6	26	...	10	10 Int; ... Res	Rot.; G. P.
Methodist ..... 6516 Bertner, 77025	M-86#	Church	3,5	900	9	61	...	...	...	Int; St. Med., St. Surg.; Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., PMR, Plast., Psych., Rad., Thor.
St. Joseph ..... 1919 La Branch, 77002	L-85	Church	...	633	7	42	2 12	7 7	13 Int; 25 Res	Rot.; St. Path.; Anes., Surg., Med., ObG., Path., Rad.
St. Luke's Episcopal ..... 6720 Bertner, 77025	M-86#	Church	...	291	8	50	...	3	4 Res	Anes., Surg., Med., ObG., Path., Thor., Urol.
Texas Children's ..... 6621 Fannin, 77025	M-86#	NP Corp	...	106	6	83	...	...	...	Int; St. Path.; Anes., Surg., Path., Ped., Ped. All., Ped. Card., Plast., Rad., Thor., Urol.
Texas Institute for Rehabilitation and Research 1333 Moursund Avenue, 77025	M-86#	NP Corp	...	55	29	67	...	...	...	Res; PMR
Texas Research Institute of Mental Sciences ... 1300 Moursund Avenue, 77025	L-86#	State	...	37	27	0	...	...	...	Res; Child Psych., Psych.
University of Texas M. D. Anderson Hospital and Tumor Institute ..... 6723 Bertner Avenue, 77025	G-85,86	State	5	280	14	68	11	9	36 Res	Anes., Surg., Med., Path., Rad.
Veterans Admin. .... 2002 Holcombe Boulevard, 77031	M-86#	VA	4,5	1266	39	60	...	...	...	Res; Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Plast., Psych., Rad., Thor., Urol.
<b>Lubbock</b>										
Methodist ..... 3615 - 19th Street, 79410	...	Church	2	354	6	38	...	1	2 Res	Path.
<b>San Antonio</b>										
Baptist Memorial ..... 111 Dallas Street, 78205	...	Church	...	486	7	37	7 6	2 3	12 Int; 13 Res	Rot.; G. P., Path., Rad.
Brooke General ..... Fort Sam Houston, 78234	...	USA	2,4,5	1150	24	82	...	32 114	32 Int; 140 Res	Rot., St. Med., St. Surg., St. Ped.; Anes., Derm., Surg., Med., ObG., Oph., Ortho., Otol., Path., Ped., Rad., Rad., Thor., Urol.
Robert B. Green Memorial ..... 527 N. Leona, 78207	M-111	Dist.	...	285	7	49	5	8	38 Int; 82 Res	Rot., St. Med., St. Surg., St. Ped.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Plast., Rad.
Santa Rosa Medical Center ..... 745 West Houston Street, 78207	...	Church	...	826	8	38	4	...	28 Int; 9 Res	Rot.; Ortho., Path., Ped., Plast., Psych., Rad.
University of Texas Medical School at San Antonio Teaching Hospitals, .....	...	Misc.	...	...	...	...	...	10 9	...	Int; Rot., St. Med., St. Surg., St. Ped.; Anes., Surg., Med., ObG., Oph., Ortho., Path., Ped., Plast., Rad.
Wilford Hall U.S.A.F. .... Lackland A.F.B., 78236	...	USAF	2,4,5	1000	16	90	...	50 121	44 Int; 140 Res	Rot., St. Med., St. Surg.; Anes., Surg., Med., Neurosurg., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Psych., Rad., Thor., Urol.
<b>Temple</b>										
Scott and White Memorial ..... 2401 South 31st Street, 76501	...	NP Corp	...	396	7	44	1 20	1 20	8 Int; 58 Res	Rot.; Surg., Med., ObG., Oph., Ortho., Path., Ped., Rad.
Veterans Admin. Center ..... South First Street, 76501	...	VA	...	794	62	45	...	...	...	Res; Surg.
<b>Terrell</b>										
Terrell State ..... Box 70, 75160	G-84	State	...	2607	348	35	...	...	...	Res; Psych.
<b>UTAH</b>										
<b>Ogden</b>										
St. Benedict's ..... 3000 Polk Avenue, 84403	...	Church	...	188	6	46	...	5	10 Int	Rot.;
Thomas D. Dee Memorial ..... 2440 Harrison Blvd, 84401	L-87	Church	...	318	6	46	1	4	14 Int; 9 Res	Rot.; G. P., Surg., ObG., Path.
<b>Provo</b>										
Utah State ..... 1500 East Center, 84601	L-87	State	...	641	24	22	...	...	...	Res; Psych.
<b>Salt Lake City</b>										
Holy Cross ..... 1045 East First South, 84102	L-87	Church	...	380	6	45	...	1 1	8 Int; 6 Res	Rot.; Anes., Surg., Ortho., Path.

## CONSOLIDATED LIST OF HOSPITALS

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>UTAH, Salt Lake City—Continued</b>										
Latter-Day Saints 325-8th Avenue, 84103	L-87	Church	...	440	7	41	...	16	24 Int: Rot.; 43 Res: Anes., G. P., Surg., Med., ObG., Ortho., Path., Ped., Plast., Rad., Thor.	
Primary Children's 320 Twelfth Avenue, 84103	M-87	Church	...	125	5	80	...	...	... Res: Anes., Ortho., Ped., Plast., Rad.	
St. Mark's 803 North 2nd West, 84103	L-87	Church	...	260	7	47	...	1	8 Int: Rot.; 2 Res: Anes., Surg., Ortho., Rad.	
Shriners Hospital for Crippled Children Fairfax at Virginia Sts., Box 1865, 84103	L-87,G-27	NP Corp	...	60	65	0	...	...	... Res: Anes., Ortno., Ped.	
University 50 North Medical Drive, 84112	M-87X	State	...	259	10	64	...	...	... Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; ... Res: Anes., Child Psych., Surg., Med., Neur., ObG., Ortho., Otol., Path., Ped., Plast., Psych., Rad., Thor., Urol.	
University of Utah Affiliated Hospitals(Includes University Hospital, Veterans Admin. Hosp. and Some Positions at Holy Cross Hosp., Latter-Day Saints Hosp., Primary Children's Hosp., St. Mark's Hosp., Shriners Hosp., Utah State Hosp., Provo)	...	Misc.	...	...	...	...	...	36	41 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; 155 Res: Anes., Surg., Med., Neur., Ortho., Otol., Path., Ped., Ped. Card., Plast., Psych., Rad., Thor., Urol.	
Utah State Department of Health 44 Medical Dr., 84113	...	State	...	...	...	...	...	...	2 Res: Pub. Health	
Veterans Admin. 500 Foothill Drive, 84113	M-87#	VA	...	546	60	75	...	...	... Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; ... Res: Anes., Surg., Med., Neur., Ortho., Otol., Path., Plast., Psych., Rad., Thor., Urol.	
<b>VERMONT</b>										
<b>Burlington</b>										
De Goesbriand Unit((See Medical Center Hospital of Vermont))	...	...	...	...	...	...	...	...	...	
Mary Fletcher Unit((See Medical Center Hospital of Vermont))	...	...	...	...	...	...	...	...	...	
Medical Center Hospital of Vermont((Includes De Goesbriand Unit and Mary Fletcher Unit))	M-88#	Misc.	...	587	9	72	...	14	38 Int: Rot., St. Path.; 120 Res: Anes., Surg., Med., Neurosurg., Neur., ObG., Ortho., Otol., Path., Ped., Psych., Rad., Thor., Urol.	
Vermont Rehabilitation Center 417 Pearl Street, 05401	...	State	...	20	32	...	...	...	6 Res: PMR	
<b>White River Junction</b>										
Veterans Admin. Center North Hartland Road, 05001	M-52#	VA	...	200	23	88	...	...	... Res: Surg., Med., Neurosurg., Ortho., Urol.	
<b>VIRGINIA</b>										
<b>Alexandria</b>										
Alexandria 4320 Seminary Road, 22314	L-20	NP Corp	...	323	7	40	3	1	7 Res: Surg., Path., Ped.	
<b>Arlington</b>										
Arlington 5129 N 16th Street, 22205	M-19#	NP Corp	...	247	8	57	...	...	... Res: Ortho.	
National Orthopaedic and Rehabilitation 2455 Army Navy Drive, 22206	...	NP Corp	...	110	12	45	1	3	4 Res: Ortho.	
<b>Charlottesville</b>										
University of Virginia Jefferson Park Avenue, 22903	M-89X	State	...	552	10	51	...	36	38 Int: Rot., St. Med., St. Surg., St. Ped., St. Path.; 167 Res: Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., Psych., Rad., Thor., Urol.	
<b>Clifton Forge</b>										
Chesapeake and Ohio Railway Employees, 24422	G-89	NP Corp	...	205	8	30	...	...	... Res: Surg.	
Chesapeake and Ohio Railway Employees' Affiliated Hospitals(Includes Chesapeake and Ohio Railway Employees' Hospital, Lynchburg Hospital, Lynchburg, and Chesapeake and Ohio Hospital, Huntington, West Virginia))	...	Misc.	...	...	...	...	7	1	8 Res: Surg.	
<b>Danville</b>										
Memorial 142 South Main Street, 24541	...	NP Corp	...	325	7	40	2	4	11 Res: Anes., Path., Urol.	
<b>Falls Church</b>										
Fairfax 3300 Gallows Road, 22046	M-20	NP Corp	...	308	7	38	1	3	12 Int: Rot.; ... Res: ObG.	
<b>Fort Belvoir</b>										
De Witt Army, 22060	...	USA	...	318	8	70	...	6	6 Res: Surg.	
<b>Lynchburg</b>										
Lynchburg General Tate Springs Road, 24504	...	NP Corp	...	250	6	30	...	...	... Res: Surg.	
<b>Newport News</b>										
Riverside J. Clyde Morris Blvd., 23606	M-90	NP Corp	...	448	8	36	3	1	14 Int: Rot.; 12 Res: G. P., Surg., ObG., Rad.	
<b>Norfolk</b>										
De Paul Kingsley Lane & Granby St, 23505	M-90	Church	...	298	8	60	9	3	12 Int: Rot.; 26 Res: G. P., Surg., Med., ObG., Path., Rad.	
King's Daughters Children's 609 Colley Avenue, 23507	...	NP Corp	...	92	5	82	1	1	6 Res: Ped.	
Norfolk Community 2539 Corprew Ave., 23504	...	NP Corp	...	114	...	...	...	...	4 Res: G.P.	

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>VIRGINIA, Norfolk - Continued</b>										
Norfolk General 600 Gresham Drive, 23507	...	NP Corp	4	570	10	30	4	11	16 Int; 40 Res	Rot.; G. P., Surg., Med., ObG., Path., Plast., Rad., Urol.
U.S. Public Health Service 6500 Hampton Blvd., 23508	...	USPHS	2,4	210	13	60	0	7	8 Int; 6 Res	Rot.; G.P.
<b>Petersburg</b>										
Central State Box 271, 23803	...	State	...	4895	967	7	10	1	15 Res	Psych.
<b>Portsmouth</b>										
Maryview 3636 High Street, 23707	...	Church	...	210	9	36	2	...	10 Res	G.P., Path.
Norfolk Naval Shipyard, U.S. Navy	...	USN	...	...	...	...	...	...	2 Res	Occ. Med.
Portsmouth General 900 Leckie St., 23704	...	NP Corp	...	252	9	33	8	...	10 Res	G. P.
U. S. Naval, 23708	...	USN	4,5	1512	20	72	...	23	23 Int; 47 Res	Rot., St. Med., St. Surg.; Surg., Med., ObG., Ortho., Ped.
<b>Richmond</b>										
Crippled Children's 2924 Brook Road, 23220	...	NP Corp	...	100	47	...	...	1	1 Res	Ortho.
Johnston-Willis 2908 Kensington Avenue, 23221	...	Corp.	...	302	10	35	...	...	14 Int; 7 Res	Rot.; Surg.
Medical College of Virginia Affiliated Hospitals (Includes Medical College of Virginia - Hospital Division and Veterans Admin. Hospital)	M-90	...	...	...	...	...	21	108	163 Res	Derm., Surg., Med., Neurosurg., Neur., Ortho., Otol., Rad., Urol.
Medical College of Virginia - Hospital Division 1200 E. Broad St., 23219	M-90X	State	4,5	1153	9	45	1	72	90 Int; 61 Res	Rot., St. Med., St. Surg., St. Ped., St. Path., Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. Card., PMR, Psych., Rad., Urol.
Office of the Chief Medical Examiner 406 N. 12th St., 23219	...	...	...	...	...	...	1	...	2 Res	For. Path.
Richmond Memorial 1300 Westwood Avenue, 23227	...	NP Corp	...	430	9	36	6	...	14 Res	Surg., Path.
St. Elizabeth's 617 W Grace Street, 23220	...	Corp.	...	70	12	26	1	...	2 Res	Surg.
State of Virginia Dept. of Public Health, 23219	...	State	...	...	...	...	...	...	2 Res	Pub. Health
Veterans Admin. 1201 Broad Rock Road, 23219	M-90	VA	4	941	36	61	...	...	...	Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., PMR, Rad., Thor., Urol.
Virginia Treatment Center for Children 515 North 10th Street, 23219	M-90	State	...	40	...	...	4	1	6 Res	Child Psych.
<b>Roanoke</b>										
Community Hospital of Roanoke Valley P.O. Box 2201, 24009	...	NP Corp	...	400	8	43	7	...	12 Int; 8 Res	Rot.; Surg.
Roanoke Memorial Bellevue & Lake Avenues, 24014	L-89	NP Corp	...	475	10	30	1	9	20 Int; 15 Res	Rot.; G. P., Surg., Path.
<b>Suffolk</b>										
Louise Obici Memorial Windsor Rd., 23434	...	NP Corp	...	195	7	31	6	...	7 Res	G. P.
<b>Williamsburg</b>										
Eastern State Francis St., 23185	...	State	...	...	...	...	3	1	12 Res	Psych.
<b>WASHINGTON</b>										
<b>Fort Steilacoom</b>										
Western State, 98494	G-91	State	...	1840	55	44	2	6	12 Res	Psych.
<b>Olympia</b>										
State of Washington Dept. of Health Public Health Bldg., 98501	...	State	...	...	...	...	...	3	10 Res	Pub. Health
<b>Richland</b>										
Hanford Environmental Health Foundation P.O. Box 100, 99352	...	NP Corp	...	...	...	...	...	...	1 Res	Occ. Med.
<b>Seattle</b>										
Boeing Company Aerospace Group P. O. Box 3707, 98111	...	Corp.	...	...	...	...	...	...	2 Res	Occ. Med.
Children's Orthopedic Hospital and Medical Center 4800 Sand Point Way N.E., 98105	M-91	NP Corp	4,5	219	4	89	...	...	...	Int; St. Ped.; Anes., Surg., Oph., Ortho., Otol., Path., Ped., Ped. All.
Doctors 909 University Street, 98101	...	NP Corp	...	183	6	47	3	3	8 Int; 2 Res	Rot.; Surg., Path.
Group Health 201 16th Ave. East, 98102	...	NP Corp	...	155	6	63	...	1	2 Int; 4 Res	Rot.; G. P., Path.
King County 325 Ninth Avenue, 98104	M-91	County	3,5	369	8	60	...	33	33 Int; ... Res	Rot., St. Surg.; Anes., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Path., Ped., Ped. All., PMR, Psych., Rad., Urol.
Providence 17th & E. Jefferson, 98122	L-91	Church	...	287	7	52	...	1	17 Int; 18 Res	Rot., St. Med.; G.P., Surg., Path.
St. Frances Xavier Cabrini 920 Terry Ave., 98104	...	Church	...	228	7	61	2	2	2 Res	Path.
Swedish Hospital Medical Center 1212 Columbia, 98104	L-91	NP Corp	...	461	7	52	...	11	12 Int; 34 Res	Rot.; Anes., Surg., ObG., Ortho., Path., Rad.
U.S. Public Health Service 1131 14th Avenue, South, 98144	M-91	USPHS	2,4,5	290	13	82	...	20	20 Int; 8 Res	Rot.; Surg., Med., Oph., Ortho., Otol., Path.
University 1959 N. E. Pacific St., 98105	M-91X	State	4,5	272	9	89	...	...	...	Int; Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., PMR, Psych., Rad., Urol.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>WASHINGTON, Seattle - Continued</b>										
University of Washington Affiliated Hospitals (Includes positions at Children's Orthopedic Hospital, King County Hospital, Swedish Hospital, U.S. Public Health Service Hospital, University Hospital, Veterans Admin. Hospital)	M-91		...	...	...	...	16	247	43 Int: 331 Res:	Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Ped. Card., PMR., Psych., Rad., Urol.
University of Washington School of Medicine, 98105	...	State	...	...	...	...	5	7	18 Res: 1 Int:	G. Prev. Med. St. Med.
Veterans Admin. Hospital, 4435 Beacon Ave. S., 98108	M-91	VA	4.5	320	22	83	...	...	...	Anes., Surg., Med., Neurosurg., Neur., Oph., Ortho., Path., PMR., Psych., Rad., Urol.
Virginia Mason, 1111 Terry Avenue, 98101	L-91	NP Corp	...	224	7	68	1	10	16 Int: 37 Res:	Rot., St. Med.; Anes., Surg., Med., Path., Rad.
<b>Sedro Woolley</b>										
Northern State, Box 309, 98284	G-91	State	...	962	60	49	3	5	10 Res:	Psych.
<b>Spokane</b>										
Deaconess, 800 W. Fifth Ave., 99210	...	Church	...	305	6	45	...	...	12 Int: 2 Res:	Rot.; Path.
Sacred Heart, W. 101 Eighth Avenue, 99204	...	Church	...	497	5	38	...	...	14 Int: 15 Res:	Rot.; G. P., Surg., ObG., Path., Rad.
Shriners Hospital for Crippled Children, North 820 Summit Blvd., 99201	G-91	NP Corp	2	40	57	...	...	...	...	Res: Ortho.
<b>Tacoma</b>										
Madigan General, 98431	L-91	USA	2,4,5	905	11	90	...	...	24 Int: 48 Res:	Rot., St. Med., St. Surg.; Surg., Med., ObG., Path., Ped.
Tacoma General, 315 South K Street, 98405	G-91	NP Corp	...	237	7	26	2	...	4 Res:	Anes., Path.
<b>WEST VIRGINIA</b>										
<b>Beckley</b>										
Beckley Appalachian Regional, Box 1149, 25801	...	NP Corp	...	215	8	52	11	3	22 Res:	Surg., Med., Path., Ped.
<b>Charleston</b>										
Charleston General, Brooks St & Elmwood Ave., 25325	...	NP Corp	...	357	9	39	2	...	8 Int: 13 Res:	Rot.; G. P., Surg., Path., Urol.
Memorial, 3200 Noyes Avenue, Se, 25304	...	NP Corp	...	388	8	43	...	...	16 Int: 24 Res:	Rot., St. Med.; Surg., Med., ObG., Path., Ped., Urol.
<b>Huntington</b>										
Cabell Huntington, 1340 16th Street, 25701	...	NP Corp	2,3,4	280	7	30	...	3	8 Int: 1 Res:	Rot.; Path.
Chesapeake and Ohio, 1801 Sixth Avenue, 25703	...	NP Corp	...	177	10	23	...	...	...	Res: Surg.
St. Mary's, 2900 - 1st Ave., 25702	...	Church	...	390	8	27	5	...	14 Int: 4 Res:	Rot.; Path.
<b>Martinsburg</b>										
Veterans Admin. Center, 25401	L-20	VA	...	765	...	51	...	...	4 Res:	Path.
<b>Morgantown</b>										
West Virginia University Medical Center, Medical Center, 26506	M-92X	State	4,5	403	13	61	...	20	26 Int: 136 Res:	Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Psych., Rad., Urol.
<b>Phillippi</b>										
Broadus, College Hill, 26416	...	NP Corp	...	102	10	42	2	1	4 Res:	Surg.
<b>South Charleston</b>										
Herbert J. Thomas Memorial, 4605 Mac Corkle Ave. S.W., 25309	...	NP Corp	...	229	7	28	...	...	4 Res:	G. P.
<b>Wheeling</b>										
Ohio Valley General, 2000 Eoff Street, 26003	...	NP Corp	5	425	10	43	...	...	15 Int: 26 Res:	Rot.; Anes., Surg., ObG., Path., Rad.
Wheeling, 109 Main Street, 26003	...	Church	5	223	9	34	4	...	10 Int: 4 Res:	Rot.; G. P.
<b>WISCONSIN</b>										
<b>Eau Claire</b>										
Luther, 310 Chestnut Street, 54701	...	NP Corp	9	332	8	47	...	...	3 Res:	Path.
<b>La Crosse</b>										
La Crosse Lutheran Hospital-Gundersen Clinic, 1836 South Avenue, 54601	...	Church	...	350	8	44	...	5	8 Int: 5 Res:	Rot.; Surg., Ped.
<b>Madison</b>										
Childrens Treatment Center, 3814 Harper Rd., 53700	G-93X	NP Corp	...	...	...	...	...	...	...	Res: Child Psych.
Madison General, 925 Mound Street, 53715	M-93	NP Corp	...	454	8	51	1	6	6 Int: 10 Res:	Rot.; Surg., Med., ObG., Ortho., Otol., Path., Ped., Urol.
Mendota State, 301 Troy Drive, 53704	L-93X	State	...	823	110	38	...	...	...	Res: Psych.
St. Mary's, 720 S Brooks Street, 53715	L-93	Church	...	268	7	45	...	...	...	Res: ObG., Ortho., Ped.
State of Wisconsin Board of Health, 1 W. Wilson St., 53702	...	State	...	...	...	...	...	1	2 Res:	Pub. Health
University Hospitals, 1300 University Ave., 53706	M-93X	State	...	760	12	77	1	36	47 Int: ...	Rot., St. Med., St. Surg., St. Ped., St. Path.; Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Ped. All., Plast., Psych., Rad., Urol.

Name and Location	Medical School Affiliations	Control	Footnotes	Number of Beds	Length of Stay (Days)	Necropsy Percentage	House Staff on Duty Sept. 1, 1967		Positions Offered as of July 1, 1969	Approved Program
							Foreign	Non-Foreign		
<b>WISCONSIN, Madison - Continued</b>										
University of Wisconsin Affiliated Hospitals (Includes University Hospitals, Children's Treatment Center, Madison General Hosp., St. Mary's Hosp., Veterans Admin. Hosp., Mendota State Hosp., Marshfield Clin., Marshfield, Winnebago State Hosp., Winnebago)										
	M-93	Misc.	...	...	...	...	28	147	213 Res:	Anes., Child Psych., Derm., Surg., Med., Neurosurg., Neur., ObG., Oph., Ortho., Otol., Path., Ped., Psych., Urol.
Veterans Admin. .... 2500 Overlook Terrace, 53705	M-93#	VA	...	475	23	76	...	...	4 Res:	Anes., Derm., Surg., Med., Neurosurg., Neur., Oph., Ortho., Otol., Path., Urol.
<b>Marshfield</b>										
Marshfield Clinic ..... 650 S Central Ave, 54449	G-93	Misc.	...	...	...	...	...	...	...	Res: Derm.
St. Joseph's ..... 611 St. Joseph Avenue, 54449	...	Church	...	384	10	45	...	1	8 Int:	Rot.;
<b>Milwaukee</b>										
Allis-Chalmers Mfg. Co. .... P.O. Box 512, 53201	...	Corp.	...	...	...	...	...	1	1 Res:	Occ. Med.
Associated Training Program of Milwaukee Hospitals (Includes Milwaukee Children's Hospital, Veterans Admin. Hospital, and Milwaukee Psychiatric Hospital, Wauwatosa)										
Columbia ..... 3321 N. Maryland Avenue, 53211	G-94	Misc. NP Corp	...	352	11	66	3	8	18 Res:	Psych.
Evangelical Deaconess ..... 620 North 19th Street, 53233	...	Church	...	300	9	44	18	16	18 Int:	Rot.;
Lutheran Hospital of Milwaukee ..... 2200 W Kilbourn Avenue, 53233	G-94	Church	...	350	9	44	...	7	13 Int:	Rot., St. Path.;
Marquette University Affiliated Hospitals (Includes Milwaukee Children's Hosp., Milwaukee County General Hospital, Veterans Admin. Hospital, and Some Positions at Columbia Hospital, Evangelical Deaconess Hospital, and Lutheran Hospital of Milwaukee)	M-94	Misc.	...	...	...	...	31	171	234 Res:	Anes., Surg., Med., Neur., Oph., Otol., Path., Ped., Ped. All., PMR, Plast., Rad., Thor., Urol.
Milwaukee Children's ..... 1700 W. Wisconsin Ave., 53233	M-94#	NP Corp	5	200	6	86	1	1	5 Int:	St. Ped.;
Milwaukee County General ..... 8700 W Wisconsin Avenue, 53226	M-94#	County	4.5	911	8	45	...	...	54 Int:	Rot., St. Med., St. Surg., St. Path.;
Milwaukee County Mental Health Center ..... 8844 Watertown Plank Road, 53226	L-94	County	...	774	42	0	2	8	30 Res:	Child Psych., Psych.
Mount Sinai ..... 948 N 12 Street, 53233	...	NP Corp	...	363	8	44	12	3	17 Int:	Rot.;
St. Francis ..... 3237 South 16th Street, 53215	...	Church	2	267	8	28	...	...	19 Res:	Surg., Med., ObG., Path.
St. Joseph's ..... 5000 W Chambers, 53210	L-94	Church	...	404	7	55	...	15	12 Res:	G. P., Path.
St. Luke's ..... 2900 W Oklahoma Ave, 53215	...	NP Corp	...	526	9	30	2	1	15 Int:	Rot.;
St. Mary's ..... 2320 N Lake Drive, 53211	...	Church	...	311	10	42	1	6	12 Int:	Rot.;
St. Michael ..... 2400 West Villard Ave, 53209	...	Church	...	306	8	44	9	1	18 Res:	G. P., Surg., Path., Rad., Thor.
Veterans Admin. Center (Wood) ..... 5000 W National Avenue, 53193	M-94#	VA	...	1020	44	76	...	...	10 Int:	Rot.;
<b>Wauwatosa</b>										
Milwaukee Psychiatric ..... 1220 Dewey Ave, 53213	M-94#	NP Corp	...	136	72	20	...	...	12 Res:	ObG., Path.
<b>Winnebago</b>										
Winnebago State, 54985	...	State	2	875	107	43	...	...	12 Res:	Rot.;



# ABBREVIATIONS AND NOTES

## Symbols in Column for Medical School Affiliations:

X Hospital under same ownership as medical school.

# Medical school has exclusive right to appoint or nominate all members of the hospital staff assigned to services used by the school for teaching.

10 through 113—see list below of names of medical schools, under heading of "Medical School Affiliations."

## Abbreviations Used in Column for Control:

AEC	Atomic Energy Commission
CyCo	City and County
Corp	Corporation
Dist	District
Fed	Federal
HEW	Department of Health, Education, and Welfare
NPCorp	Nonprofit corporation
Part	Partnership
TVA	Tennessee Valley Authority
VA	Veterans Administration
USAF	U.S. Air Force
USPHS	U.S. Public Health Service
Misc	Miscellaneous

## Numbers Used in Column for Footnotes:

1. Appointments restricted to men.
2. U.S. citizenship required for appointment.
3. Foreign medical graduates not eligible for appointment.
4. Dental internships available.
5. Dental residencies available.

## Abbreviations Used in Column for Approved Programs:

St.	Straight (internship)
Int.	Internship
Res.	Residencies
Aero. Med.	Aerospace Medicine
Anes.	Anesthesiology
Child Psych.	Child Psychiatry
Col.-Rec.	Colon and Rectal Surgery
Derm.	Dermatology
For. Path.	Forensic Pathology
GP	General Practice
G. Prev. Med.	General Preventive Medicine
Med.	Internal Medicine
Neurosurg.	Neurological Surgery
Neur.	Neurology
ObG	Obstetrics-Gynecology
Occ. Med.	Occupational Medicine
Oph.	Ophthalmology
Ortho.	Orthopedic Surgery
Otol.	Otolaryngology
Path.	Pathology
Ped. All.	Pediatric Allergy
Ped.	Pediatrics
Ped. Card.	Pediatric Cardiology
PMR	Physical Medicine and Rehabilitation
Plast.	Plastic Surgery
Prev. Med.	Preventive Medicine
Psych.	Psychiatry
Pub. Health	Public Health
Rad.	Radiology
Surg.	Surgery
Thor.	Thoracic Surgery
Urol.	Urology

## Medical School Affiliations

Footnotes 10 to 113 refer to medical schools affiliated with hospitals for undergraduate clinical clerkships.

Hospitals have been identified with the symbol **M** when a medical school has indicated that the hospital is a major unit in the school's teaching program. Hospitals have been identified with the symbol **L** when a medical school has indicated that the hospital is used to a limited extent in the school's teaching program. **G** indicates a hospital used by the school for graduate training programs only.

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|--|---|
| <ol style="list-style-type: none"> <li>10. Medical College of Alabama, Birmingham, Ala.</li> <li>11. University of Arkansas School of Medicine, Little Rock, Ark.</li> <li>12. Loma Linda University School of Medicine, Loma Linda, California</li> <li>13. University of California School of Medicine, Los Angeles</li> <li>14. University of Southern California School of Medicine, Los Angeles</li> <li>15. Stanford University School of Medicine, Palo Alto, Calif.</li> </ol> | <ol style="list-style-type: none"> <li>16. University of California School of Medicine, San Francisco</li> <li>17. University of Colorado School of Medicine, Denver</li> <li>18. Yale University School of Medicine, New Haven</li> <li>19. Georgetown University School of Medicine, Washington, D. C.</li> <li>20. George Washington University School of Medicine, Washington, D. C.</li> <li>21. Howard University College of Medicine, Washington, D. C.</li> </ol> |
|--|---|

22. University of Florida College of Medicine, Gainesville, Fla.
23. University of Miami School of Medicine, Coral Gables, Fla.
24. Medical College of Georgia, Augusta, Georgia
25. Emory University School of Medicine, Emory University, Atlanta, Ga.
26. Chicago Medical School, Chicago
27. Northwestern University Medical School, Chicago
28. Loyola University Stritch School of Medicine, Chicago
29. University of Chicago School of Medicine, Chicago
30. University of Illinois College of Medicine, Chicago
31. Indiana University School of Medicine, Indianapolis
32. State University of Iowa College of Medicine, Iowa City
33. University of Kansas School of Medicine, Kansas City, Kansas
34. University of Kentucky School of Medicine, Lexington
35. University of Louisville School of Medicine, Louisville
36. Louisiana State University School of Medicine, New Orleans
37. Tulane University School of Medicine, New Orleans
38. Johns Hopkins University School of Medicine, Baltimore
39. University of Maryland School of Medicine, Baltimore
40. Boston University School of Medicine, Boston
41. Harvard Medical School, Boston
42. Tufts University School of Medicine, Boston
43. University of Michigan Medical School, Ann Arbor, Mich.
44. Wayne State University College of Medicine, Detroit
45. University of Minnesota Medical School, Minneapolis
46. University of Mississippi School of Medicine, Jackson, Miss.
47. University of Missouri School of Medicine, Columbia, Mo.
48. St. Louis University School of Medicine, St. Louis, Mo.
49. Washington University School of Medicine, St. Louis, Mo.
50. Creighton University School of Medicine, Omaha, Neb.
51. University of Nebraska College of Medicine, Omaha, Neb.
52. Dartmouth Medical School, Hanover, N. H.
53. New Jersey College of Medicine and Dentistry, Jersey City, N. J.
54. Albany Medical College of Union University, Albany, N. Y.
55. State University of New York at Buffalo School of Medicine, Buffalo, N. Y.
56. Albert Einstein College of Medicine of Yeshiva University, New York City
57. Columbia University College of Physicians and Surgeons, New York City
58. Cornell University Medical College, New York City
59. New York Medical College, Flower and Fifth Avenue Hospitals, New York City
60. New York University College of Medicine, New York City
61. State University of New York Downstate Medical Center (Brooklyn), New York City
62. University of Rochester School of Medicine and Dentistry, Rochester, N. Y.
63. State University of New York, Upstate Medical Center, Syracuse, N. Y.
64. University of North Carolina School of Medicine, Chapel Hill
65. Duke University School of Medicine, Durham, N. C.
66. Bowman Gray School of Medicine of Wake Forest College, Winston-Salem, N. C.
67. University of Cincinnati College of Medicine, Cincinnati
68. Western Reserve University School of Medicine, Cleveland, Ohio
69. Ohio State University College of Medicine, Columbus
70. University of Oklahoma School of Medicine, Oklahoma City
71. University of Oregon Medical School, Portland
72. Hahnemann Medical College and Hospital of Philadelphia
73. Jefferson Medical College of Philadelphia
74. Temple University School of Medicine, Philadelphia
75. University of Pennsylvania School of Medicine, Philadelphia
76. Woman's Medical College of Pennsylvania, Philadelphia
77. University of Pittsburgh School of Medicine, Pittsburgh
78. University of Puerto Rico School of Medicine, San Juan
79. Medical College of South Carolina, Charleston
80. University of South Dakota School of Medicine, Vermillion, S. D.
81. University of Tennessee College of Medicine, Memphis
82. Meharry Medical College, Nashville, Tenn.
83. Vanderbilt University School of Medicine, Nashville, Tenn.
84. University of Texas Southwestern Medical School, Dallas
85. University of Texas Medical Branch, Galveston, Texas
86. Baylor University College of Medicine, Houston
87. University of Utah College of Medicine, Salt Lake City
88. University of Vermont College of Medicine, Burlington, Vt.
89. University of Virginia School of Medicine, Charlottesville
90. Medical College of Virginia, Richmond
91. University of Washington School of Medicine, Seattle
92. West Virginia University School of Medicine, Morgantown
93. University of Wisconsin Medical School, Madison
94. Marquette University School of Medicine, Milwaukee
95. University of California—California College of Medicine, Los Angeles
96. University of New Mexico School of Medicine, Albuquerque
97. University of North Dakota School of Medicine, Grand Forks
98. Michigan State University College of Medicine, East Lansing
99. Rutgers—The State University, New Brunswick
100. University of Arizona College of Medicine, Tucson
101. Brown University Program in Medical Science, Providence, R. I.
102. University of California School of Medicine, Davis
103. University of California School of Medicine, San Diego
104. University of Connecticut School of Medicine, Farmington, Connecticut
105. University of Hawaii Medical School, Honolulu, Hawaii
106. Louisiana State University Medical Center, Shreveport, Louisiana
107. University of Massachusetts Medical School, Worcester, Massachusetts
108. Mount Sinai School of Medicine of the City University of New York, New York, New York
109. State University of New York at Stony Brook School of Medicine, Stony Brook, New York
110. Pennsylvania State University College of Medicine, Milton S. Hershey Medical Center, Hershey, Pennsylvania
111. University of Texas Medical School at San Antonio, San Antonio, Texas
112. Medical College of Ohio at Toledo, Toledo, Ohio
113. Mayo Graduate School of Medicine, Rochester, Minnesota

# The National Intern and Resident Matching Program

The Directory of Approved Internships and Residencies lists all of the hospitals approved by the Council on Medical Education and Hospitals of the AMA for the conduct of intern and resident-training programs. Over 98% of the hospitals approved for intern training participate in the matching program for internship appointment. The matching program is limited to those hospitals which have signed an agreement to participate in the matching program for the coming year and to abide by the rules and regulations. The NIRMP does not approve hospitals for internship training nor does it limit the number of interns a hospital may seek through the program except that the number sought may not exceed the number authorized by the AMA. Hospitals that participate in the program, however, are required to list all of their first year internship programs and approved complements with NIRMP. The only conditions under which a hospital may secure a portion of its intern complement outside of NIRMP is with the appointment of second year interns, foreign medical school graduates who do not participate in the program or if the starting date of the internship is not within the scope of the matching program dates. To allow for these conditions the Directory contains one column showing the authorized complement of interns and another column indicating the number sought through the matching program. Those hospitals not participating in the matching program will be identified by footnote reference and also by the fact that they have no assigned NIRMP code number.

In this Directory the federal services, except for the Veterans Administration, are listed first. Please note that in applying for internship training in the Air Force, the Army, the Navy, or the Public Health Service, the student applies, insofar as the matching is concerned, directly to the service involved and not to a specific hospital. The student, however, may be requested by the government service involved to designate several service hospitals in order of choice. If matched, the service will attempt to meet the student's first choice. In cases in which this is not possible, the student may be assigned another of his choices within that service. Each service is completely separate, and this assignment to a particular hospital is performed entirely by the service involved. In the matching program, the student is matched only to the service itself, and not to a particular hospital within it. The government services do not issue internship contracts. Following the listing of the federal services all participating hospitals are listed alphabetically by state, within each state by city, and within the city by the name of the hospital. In writing to a hospital the student should address the Chairman of the Intern Committee except where otherwise noted.

The Directory of Approved Internships includes additional information of a statistical nature and also lists the name of the program director in most instances. Note that the address of the hospital is not included in this list but will be found along with certain other basic data in the consolidated list of hospitals with approved graduate training programs preceding this

portion of the Directory.

The code number designates one specific type of internship at one particular hospital. It is to be used by the student on the confidential preference blank he fills out to indicate his choice among the internships for which he has applied. The code is a device to increase the accuracy of identification.

If a student is applying to a hospital which offers several different types of internships, he must indicate on his confidential preference blank his preference for the specific type of internship in that hospital for which he has applied. For example, if a student applies for an internship in straight surgery and also a general rotating internship at the same hospital, he must rank these just as if they were separate hospitals.

In a few of the larger hospitals the situation is complex. At Boston City Hospital, for example, there are several different services offering internships in straight surgery. The student must be sure to indicate in his order of choice the service or services for which he has applied.

Because of the intense desire of some hospitals to secure interns and because of an equally strong desire of some students to intern at a particular hospital, pressure may be brought by either party on the other to force an early commitment. Such demands are contrary to the regulations agreed to by both student and hospital. Moreover, in the matching plan only the confidential rating blanks of hospital and of the student are official and what is given there and confirmed is final.

The matching plan does not penalize either group from taking "flyers." Should a student apply to a hospital in which he thinks his chances of acceptance are poor, his chances at his second choice hospital are just as good as if he had rated it first. Similarly, if a hospital rates as its first choice a man it believes it has little chance of securing, and does not secure him, this hospital will have just as good a chance to get its second-choice man as if it had rated him first.

In February 1968, the corporation, National Intern Matching Program (NIMP) became the National Intern and Resident Matching Program (NIRMP). Depending upon the option of organizations sponsoring resident matching, this provides an agency that can be used. Matching will only be to the first-year.

Thus the Association of Professors of Psychiatry sponsored a matching program for first-year residencies beginning in 1967 and 1968. The Association of Medical School Pediatric Department Chairmen did the same for first-year residencies beginning in 1968. Neither Association will sponsor matching programs for residencies beginning in 1969. However, a matching program for first-year orthopaedic residencies beginning in 1969 is being sponsored by the American Academy of Orthopaedic Surgeons and the American Orthopaedic Association.

It is not anticipated that residency matching will develop rapidly but NIRMP is developing the expertise necessary as, if, and when it is called upon to help.

## WHAT THE PARTICIPATING STUDENT DOES

The student participating in the matching program for internship appointment this year should complete in turn each of the following steps:

1. He registers with the plan by signing an agreement to abide by the regulations and paying a fee of \$4.00. The dean of each medical school has full information and the agreement forms. The student retains a copy of the agreement on the reverse side of which is a schedule of dates.

2. He corresponds with, visits, and learns about the hospitals in which he is interested. Students participating in the matching program may apply to any NIRMP member hospital listed in this directory. The hospitals listed here have agreed not to offer internship appointments to anyone not in the plan until March 10, 1969.

3. He applies for internship to any hospital listed in this directory by filing an application, taking tests, being interviewed, etc., according to the requirements of the hospital.

In his relations with the hospital the participating student has agreed that he will not request or demand that the hospital state how it will rank him, and he has indicated that he understands that both he and the hospital have the right to change their minds at any time prior to the submission of the official confidential rating blank.

4. He requests his dean to supply credentials and letters of recommendation to the hospital where he has applied. This material will be sent by the dean between Oct. 1 and January 10, 1969.

5. The student submits, on a form sent to him, the confidential rank order list of his preference among the internships for which he has applied. This list is to be mailed so as to arrive at the NIRMP office in Evanston on or before Jan. 17, 1969. The confidential lists should be submitted as early as the senior has definitely decided about the rank order of his hospitals.

6. The student will receive before Feb. 10, 1969, a confirmation of his rank order list. Any errors in this list should be reported immediately to the NIRMP. Corrections cannot be made after Feb. 17, 1969, when the matching process takes place.

7. The student will receive on Mar. 10, the name of the hospital with which he has been matched. This information will be given to the student by his dean.

8. The student will receive from the hospital confirmation of the fact that he is to intern there and will complete arrangements with the hospital.

Fundamental to the plan is the freedom of both the student and the hospital to establish contact with each other and independently to arrive at a judgment of relative merit. Neither student nor hospital is handicapped by listing as first choice an individual or a hospital which does not reciprocate that feeling. The program matches the student with his highest choice hospital which is available to him and gives the hospital the students it wants most who wish to go there in preference to other hospitals available to them.

The NIRMP is a central clearing agency.

## GETTING THE MOST FROM THE MATCHING PLAN

By BILL DICKERSON

The University of Oklahoma School of Medicine  
Oklahoma City

Every year many students unknowingly sacrifice their privileges and accept an internship inferior to that which they deserve and could obtain. This occurs despite their access to a careful and detailed explanation of the correct use of the Matching Plan by the students.

Failure to avail yourself of every advantage offered is to run the risk of missing the very best internship of your choice. The information presented here is offered that you might avoid the costly errors of past applicants. This is intended merely for orientation, however, and will not substitute for a detailed reading of the Plan. Briefly, the plan will serve you as follows:

After carefully reading and signing a contract with the National Intern and Resident Matching Program, you are then at liberty to make application. After selection of the several most promising internships, you then request applications and brochures from those hospitals. Upon careful study and evaluation of this material you then re- turn the completed applications to the hospitals of your choice.

The next step is to submit to the NIRMP, in preferential order, your confidential list of the hospitals applied to. Check carefully for error the confirmation returned to you. Matching then takes place. You are matched with the hospital highest on your list which has offered you a position, and contracts are concluded. If unmatched you will receive a list of all internships not filled and will be free to seek appointment at any of these hospitals.

### *Advantages and Common Fallacies—*

The chief advantages of such an organized system to you, as students, are: (1) Freedom from undue pressure while exercising your right of selection, (2) Assurance that no position will be filled prior to your application, (3) Appointment to the hospital highest on your list which will accept you, (4) Assurance that your preferential rating list will remain confidential.

Because available internships now number almost twice the applicants for the coming year, no applicant need be denied appointment to an internship somewhere. Because this is true, the Misinformed Student may stoutly espouse the fallacy that by remaining unmatched (*e. g.*, making no applications, "X"-ing all hospitals, *etc.*) to receive the list of vacancies, he can then select an internship with little competition for appointment.

Being better informed you can immediately realize that our Misinformed Student has voluntarily sacrificed all possibility of his being selected to the 8,000 internships thought most desirable by other applicants. You should list correctly the several internships most desirable to you. By so doing you will either be matched with a hospital of your choice (which may fill up and be lost to the Misinformed Student) or you will remain unmatched. The latter will occur only if all the hospitals you listed have either refused you or are filled with students they have rated above you. Your rating list remains confidential, so even at the worst, you share exactly the position of the Misinformed Student.

Even more commonly, however, the Misinformed Student errs by reasoning thusly, "Desirable Hospital has the very best internship for me, but I'll put Likely Hospital first on my preferential list because my chance of selection is better there."

Being wiser, you have based the order of hospitals in your confidential preferential list solely on the criteria of desirability and have disregarded completely all order of expectancy. Your position offered by Likely will be lost only if you are matched with Desirable which you have rated ahead of Likely. Thus, you may take a chance on selection by placing Desirable first on the list without jeopardizing your position at Likely.

The Misinformed Student again errs when he fails to express his true preference because he has previously agreed, under some duress, to rank Improper Hospital first. After a careful reading of the NIRMP contract, you know, as does Improper Hospital, that such statements impose no obligation. Remember, Improper Hospital will never see your confidential rating list (important only if you are subsequently matched with Improper which you have rated below first).

This Misinformed Student may also fail to "X" a hospital on his preferential list to which he has applied but decided is undesirable. He has probably also failed to join SAMA and thus deprived himself of much material on the selection and evaluation of internships. Every student should be careful to read the contract and instructions, observe the necessary dates, and check for errors the confirmation of his preferential rating.

*Dr. Dickerson, in addition to being an SAMA member and representative of the Board of Directors of the National Intern and Resident Matching Plan, was the member-at-large student director of NIRMP. Mr. Dickerson was also a member of SAMA's Graduate Training Committee.*

*(Reprinted from the Journal of the Student American Medical Association, June 1955)*

**THE STUDENT AND THE MECHANICS OF MATCHING**  
 (This section was prepared by N. C. Webb, Jr., in 1953 when a student member of  
 the Board of NIRMP.)

This is an explanation of how the National Intern and Resident Matching Program acts as your agent in trying to get you the internship you want most.

First you consider the possibilities. You probably know now in a general way which hospitals interest you. Your dean and faculty members probably know about others, as do your friends. By writing to the hospitals directly you get their application forms, etc. You may want to visit various hospitals, talk with the interns there, and confer with their staff. After you have gathered all the information you need, you make up your mind how you rank the various hospitals you have applied to. The hospitals do the same with their applicants. Your rank must be sent to Chicago to arrive by January 17.

Your confidential ranking list tells the central clearing house how to act on the offers made to you by the hospitals you have applied to. The list made out by the hospital tells the same clearing house its preference among its applicants. If you are offered your first choice hospital at any time, it is immediately accepted, and all your other applications are withdrawn. If the first internship you are offered is not your first choice, it is accepted tentatively, pending further offers. Applications to hospitals you ranked lower on your list are then withdrawn (to give other students a chance at these hospitals). If several hospitals offer you jobs, the one you ranked highest is held for you, and your applications to the others are withdrawn. The clearing house holds this tentative internship for you until you get a new offer. A new offer must be from a hospital you rate higher and therefore it will be held for you. It must be higher than the one you have held because all your applications to the hospitals which you ranked lower have been withdrawn.

Following the instructions sent in by the hospital the clearing house re-offers an internship previously held for you whenever the clearing house finds that you are offered another internship. The internship you no longer want is offered to the next applicant on the hospital's list. Thus the hospitals use the National Intern and Resident Matching Program as their agent in offering internships in the same way you do in accepting them. That is, they state the order in which they prefer students, and the office works down the list made by the hospital until either the hospital runs out of applicants it will accept or gets all the interns it needs.

If you have not been matched by the steps described so far, your first choice hospital ranked you below the men it wanted most. But if enough of the men above you on the hospital's list get jobs they prefer at other hospitals, the internship you want most will eventually be offered to you. The same applies to your second choice and to all the other hospitals which you ranked above the job that is being held for you tentatively.

What may stop you from moving up step by step until you get to your first choice is this: A hospital may fill its jobs with men who want to go to that hospital and who were higher in the hospital's rank list than you were. If this happens to your first choice hospital and you are holding a tentative acceptance from your second choice hospital, this is as high as you can go, and you are permanently matched with your second choice hospital. It may be that you applied to twelve hospitals which have many other applicants, and all twelve filled before getting down to your application. If the thirteenth hospital on your list wanted you, you would be matched there, because it was the highest you could get. You cannot lose the place offered you by the thirteenth hospital while your application waits for what you think is a better hospital. In short, whenever the clearing house is faced with a choice between two hospitals, it gives the student the one highest on his rank list.

Defined simply, the principles of matching from your standpoint are these:

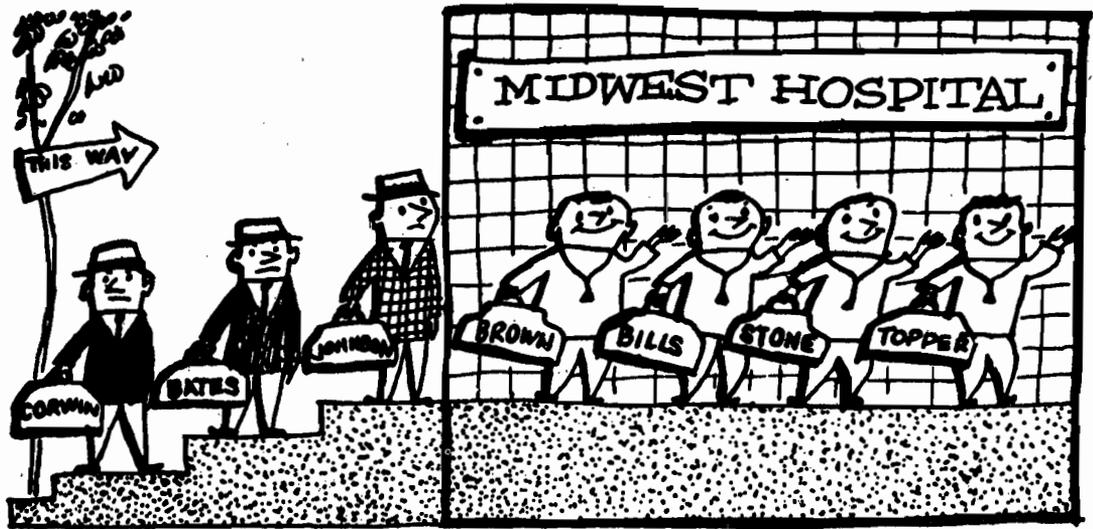
1. **You get the highest internship on your list that has an opening for you.**
2. **Whether or not an internship is "open to you" is determined by whether or not the internship can be filled with men the hospital ranked higher than it ranked you. If it cannot, and they will accept you, you are "in."**

Thus, there are only two possible reasons for your not receiving your first choice internship. They are that the internship is filled by men preferable to the hospital, or that the hospital marked you X (meaning it did not want you in any case). The only way a hospital can be matched to any given man on its list is that the man rates it his first choice or he is unable to receive any other internship he prefers.

The principle and process of the matching can perhaps best be explained by a pictorial ladder or set of steps.

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*Dr. Webb is now Associate Professor and Acting Chairman, Department of Preventive Medicine at the New Jersey College of Medicine and Dentistry, at Jersey City, New Jersey.*



Here Midwest Hospital has ranked its 7 applicants in the order in which they are shown on the ladder. They offer four internships. Topper, Stone, Bills and Brown are ranked highest by the hospital. If all of these four men have ranked Midwest their first choice, they are immediately "matched" to Midwest, and Midwest is filled. Johnson, Bates and Corwin must seek elsewhere, since the hospital was filled with men it preferred.

Suppose, however, that Stone has ranked Midwest "second." Stone cannot be by-passed on the ladder, but if he can get his first choice hospital which is on another "ladder," he is removed from this ladder. If Stone is within, or *moves* within the quota in his first choice hospital, he jumps off the Midwest ladder, since he can definitely get into a hospital he prefers to Midwest. Bills and Brown move up a notch and make room for another man (Johnson) in the quota part of this ladder.

This type of movement is occurring on some 1,000 different internship ladders in the matching program. As soon as a man gets within a quota at a hospital of his choice, his lower choices are removed from the ladders on which they are holding rungs, permitting movement upwards of lower men on those ladders. No choice is removed unless the man is definitely "in quota" at a choice he prefers, or unless the hospital is filled by men it prefers.

Consider an example showing the full matching of three hospitals and three students.

#### Example

##### Student Confidential Preference Lists

<i>Green</i>	<i>Smith</i>	<i>Jones</i>
1. Mt. Sinai	1. Mt. Sinai	1. Internia
2. Internia	2. Internia	2. St. Joseph
		3. Mt. Sinai

##### Hospital Preference Lists

<i>Mt. Sinai (2)</i>	<i>Internia (1)</i>	<i>St. Joseph (1)</i>
1. Jones	1. Smith	1. Jones
2. Smith	2. Jones	
3. Green	3. Green	

The number in parentheses shows the number of interns being sought by each hospital.

Consider Green, whose first choice is Mt. Sinai, which offers two internships, and which has ranked him third. Unless either Jones or Smith get matched elsewhere, he cannot get in. He is also waiting at Internia, since it, offering but one internship, has shown preference for Smith and Jones, and, unless both Smith and Jones get matched elsewhere, Green is not in here yet either.

Consider Smith. He ranked Mt. Sinai first, and it ranked him second. Since Mt. Sinai offers two internships, Smith can be permanently "matched." Since Smith is now matched at his first choice hospital, his name is removed from Internia, his second choice, and Jones and Green slide up.

Now the situation looks like this (\*indicates a permanent match):

#### Student Lists

<i>Green</i>	<i>Smith</i>	<i>Jones</i>
1. Mt. Sinai	*1. Mt. Sinai	1. Internia
2. Internia	2. <i>Internia (Not chosen)</i>	2. St. Joseph
		3. Mt. Sinai

#### Hospital Lists

<i>Mt. Sinai (2)</i>	<i>Internia (1)</i>	<i>St. Joseph (1)</i>
1. Jones	1. <i>Smith (Not chosen)</i>	1. Jones
*2. Smith	2. Jones	
3. Green	3. Green	

Consider Jones. Since the removal of Smith from Internia's list, Jones has moved up to top position. This is a permanent match, since it is Jones' first choice. Jones' name is removed from the Mt. Sinai list and from the St. Joseph list, since he is matched at a hospital he prefers to either of these.

Now the situation looks like this (\*\*denotes filled hospital):

#### Student Lists

<i>Green</i>	<i>Smith</i>	<i>Jones</i>
1. Mt. Sinai	*1. Mt. Sinai	*1. Internia
2. Internia	2. <i>Internia (Not chosen)</i>	2. <i>St. Joseph (Not chosen)</i>
		3. <i>Mt. Sinai (Not chosen)</i>

#### Hospital Lists

<i>Mt. Sinai (2)</i>	** <i>Internia (1)</i>	<i>St. Joseph (1)</i>
1. <i>Jones (Not chosen)</i>	1. <i>Smith (Not chosen)</i>	1. <i>Jones (Not chosen)</i>
*2. Smith	*2. Jones	
3. Green	3. Green	

The removal of Jones' name from Mt. Sinai allows Green to slide up into second place. Since two internships are offered at Mt. Sinai, Green is a permanent match. Final results:

Mt. Sinai – Smith and Green  
 Internia – Jones  
 St. Joseph – None

The three students all were matched with their first choice hospital. In this example, we have seen how men "slide up" on hospital lists, as men above them are matched to hospitals more desired by those men. You will note that each man holds his positions on the lists of the various hospitals until he becomes a permanent match. No one can "by-pass" a student on a hospital list. A student is removed from a hospital list only when he is matched with a hospital he prefers more. St. Joseph got no intern because its one applicant preferred Internia and was matched there.

## SOME OF THE RESULTS OF USING THIS MATCHING PROGRAM

Some conclusions can be drawn about how you get an internship by using the Matching Program as your agent.

1. Which internship you finally get is determined by the decisions you, the other students, and the hospitals will make in January when you make up your rank lists. The Evanston office is a clearing house which does nothing but follow the instructions you have sent it in the form of a rank list.

2. You can (and do) hold on to any offer from the hospitals to which you applied until you get a better one. Before the Matching Program was set up, hospitals found out whether you would take their offers by telegraphing you on a certain day. You were obliged to give them an answer within hours so they could offer the job to someone else if you did not want it. So in many cases you had to try to guess whether you were going to get a better offer later on. If you guessed that you would, and were wrong, you ran the chance that the hospital that *had* offered you a job, was now filled with other students. If you guessed that you would *not* get an offer from a hospital you wanted more, but guessed wrong and *got one* after you had accepted the hospital that asked you first, you could not take the hospital you preferred. On the contrary, by using the Matching Program you hold any offer until you get a better one.

3. Therefore it is distinctly to your advantage to get your internship through the Matching Program if you are applying to either

- a. More than one hospital, or
- b. A hospital which is likely to fill its internships with applicants who are using the matching program.

4. You can take as many "flyers" (i.e., ranking at the top of your list hospitals you think are very likely to fill up before they make an offer to you) as you wish without losing a single offer that you would have otherwise gotten. However you should be realistic as well, and apply to hospitals which are likely to want you. If you don't, you may end up unmatched (see #8 below).

5. There are many more internships offered than there are students to take them (14,000 vs. 8,000). Therefore many internships are going to be left over after all of the students are placed. Some of these hospitals, which might not fill all their jobs, may try to get you to agree to rate them higher than you want to, in return for their agreeing to "rate you high." You cannot gain anything by doing this, and you can *lose* a chance to get an internship at a hospital you prefer. Where you rank a hospital has nothing to do with when the hospital offers you a job. If they want you, you will be matched with that hospital even if you rank that hospital the last on your list, providing you cannot get into any of the hospitals you have ranked higher.

6. Some hospitals have decided, for example, that they will only take men from certain schools or, again for example, only take men in the top 1/20th of their class. Such hospitals tell the matching program to offer jobs only to the men whom the hospital has interviewed and has decided to fill its requirements. If these men are few, and if they want and get other internships, even a very good teaching hospital in a large university may not fill all its jobs through the matching program.

Some hospitals would like to know who some of their interns are going to be before making up their mind about who else they want. In ranking the applicants for the remaining places such hospitals would like to get people with different backgrounds and interests. A very few of these hospitals may try to find out how you rate them so they can know whether they can be sure of getting you if they want you (i.e. whether you will put them at the top of your list).

This is obviously unfair, for example, to the students who would rate such a hospital second and who are not sure of getting into their first choice hospital. Therefore when this plan was set up the students required that it be made illegal for a hospital to demand to know where you rate them. Hospital knowledge of a student ranking may imply a threat: if you do not rate their hospital first, they will drop you down their list in favor of students whom the hospital can be sure to get (because they know the student rates the hospital his first choice).

There is absolutely no way for a hospital to find out how you rated it before the results of the matching are announced. Even after the announcement the hospital can find out only if you end up matched to another hospital and they either did not fill or get a man who was lower on their list than you were. Therefore the hospital that did not get you can reason that you ranked the hospital at which you are interning higher. They cannot find out if you are unable to get your higher choices. They cannot find out how many other hospitals, if any, you ranked higher. The hospital is never told how its applicants ranked it. The clearing house holds your list of instructions in the strictest confidence.

7. There is absolutely no reason for a student to want to change his instructions about which hospitals he prefers because of the way a hospital ranked him. Therefore it is all right if a hospital wishes to tell you how it may plan to rate you. However, the hospital does not have to do so and you have no right to demand such information from them. In many cases the hospital will not know, or may make only a general statement because it has not yet looked over all its applicants, or it may not want to tell you at all.

8. If it is impossible to match you with any of the hospitals to which you have applied obviously you will not be matched by the program. There are only three things that can prevent you from being matched with any hospital to which you apply.

You can, of course, tell the office that, rather than being matched with a particular hospital you applied to, you would prefer to be left unmatched and take your pick of the 6,000 internships left over after almost everyone else has been matched. This is called "X-ing" a hospital. It must be done before January 17. The Evanston office simply withdraws its records of your application to that hospital. The hospitals can do the same for any student they absolutely will not take under any circumstances.

Thus you will not be matched if one of the following happens for each of the hospitals to which you applied:

- a. You "X" the hospital,
- b. The hospital "X's" you, or
- c. The hospital fills with applicants it prefers and who want to intern there more than at other hospitals which want them.

Last year this happened to less than 4% (299) of the students in the program. They were very quickly taken by the 628 (out of 726) hospital units which sought, but failed to get, 6,559 interns through the Matching Program.\*

There were some very desirable internships indeed among these unfilled places—which has led some people to the illogical conclusion that you can do better if you are unmatched than you could be getting an internship through the Matching Program. Of course this is true if you only apply to hospitals you do not like very well. But it is certainly not true if you are wise in choosing the hospitals you apply to. You can be *sure* of getting any internship through the program which you *might* get by being unmatched. Furthermore if you are in the program you can apply to, and have a chance of getting into, hospitals that will fill up with applicants from the program. Last year over a third of the applicants matched got internships in hospitals which filled up. These hospitals were closed to the students who ended up unmatched.

9. Once the students and the hospitals have made up their minds, the process of working out which internship you will get proceeds according to the rules set out above. No other decisions are made by anyone. Therefore it becomes a mechanical problem. The National Intern and Resident Matching Program has worked out with the International Business Machines (IBM) ways of doing most of the work by machine. Before the results are sent out the people in the Matching Program office go through and check by hand to make sure there is no slip up by looking to see that:

- a. No student is matched with a hospital unless all the hospitals he would have preferred to go to either were filled with applicants they preferred or the hospitals asked not to be matched with the applicant (ranked him "X").
- b. No hospital is matched with a student unless all the students who were more desirable to the hospital got offers from other hospitals they preferred, or the higher students had marked that hospital "X".

No mechanical mistakes have ever been found in the operation of the program.

10. Because the plan does away with all the telegrams that hospitals used to have to send to get their interns, the hospitals pay a fee for each man who is matched to them. Because of the advantages this program offers you over the old system (see #2, above) you have been asked to pay \$4.00 toward the cost of operating the Evanston office of the National Intern and Resident Matching Program, (which is a non-profit corporation). Three students sit on the Board of Directors of the corporation—one representing the Student AMA and the others—students-at-large. Also represented are the hospital associations, the Association of American Medical Colleges, and the American Medical Association.

\*Figures apply to the 17th matching program in 1968.

# NATIONAL INTERN AND RESIDENT MATCHING PROGRAM

2530 Ridge Avenue, Evanston, Illinois 60201

## STUDENT AGREEMENT

Please return with fee to your Dean or NIRMP Office by June 16, 1968

Be sure that you use this same order of names and initials upon all hospital applications and correspondence that concern the matching program.

I, \_\_\_\_\_, a student at

LAST NAME (PLEASE PRINT)

FIRST NAME

MIDDLE

\_\_\_\_\_ Medical School, plan to apply for an internship to start between April 1 and December 31, 1969. I agree to participate in and abide by the results of the matching plan for internship appointment. In particular, I understand that I am agreeing:

1. To apply for internship appointment only to hospitals and the federal services registered in the matching plan until after the matching plan results are announced. I understand that an official directory listing the cooperating hospitals and federal services will be available in September, 1968.

2. To accept appointment to the hospital or federal service with which I am officially matched, that hospital being the highest one on my preference list having a place available for me. I understand that I cannot avoid accepting an internship to which I have been matched without a written release from the hospital concerned — also that another hospital that is a member of NIRMP cannot accept me as an intern unless I have this release.

3. To abide by the official schedule, including ranking the internships for which I have applied and returning my confidential ranking form before January 18, 1969.

4. For service fee requirement, contact National Intern and Resident Matching Program.

It is my understanding that I am free, under the matching plan, to make personal contacts with any participating hospital in which I am interested and to apply to as many of these hospitals as I wish and to rank them according to my judgment.

I understand further that although I may freely discuss any matter I choose with the hospital, no participating hospital has the right, under the matching plan, to demand or to require that I state how I shall rank that hospital on my confidential rating blank. I understand also that I have no right to request or to demand that that hospital inform me how it plans to rate me.

Furthermore, any statement or other expression concerning how I intend to rank a hospital or how that hospital intends to rank me, which may be made during the free discussion between the hospital and myself, is subject to change based on further considerations. I understand that both the hospital and I have the right to change our minds at any time prior to the submission of the official confidential rating blanks.

My confirmed confidential rating blank, giving my order of preference, is to be the sole determinant of the order of my preference among the internships for which I have applied.

I understand that resignation from the Matching Program can be made only with the approval of my dean, and that no resignations can be accepted after November 17, 1968.

I agree to conduct myself in conformity with the high ethical standards expected of members of the medical profession.

DATE

SIGNATURE

**The Matching Program is the official cooperative plan for Internship Appointment of the American Hospital Association, the American Protestant Hospital Association, the Association of American Medical Colleges, the Advisory Board for Medical Specialties, the Catholic Hospital Association, the American Medical Association, the Student American Medical Association, and the medical services of the federal agencies offering internships.**

**Please return the Student Agreement and fee to your Dean or the NIRMP Office by June 16, 1968.**

## NATIONAL INTERN AND RESIDENT MATCHING PROGRAM

2530 Ridge Avenue, Evanston, Illinois 60201

### Special Arrangement for Married or Engaged Couples Wishing to Intern Together

It is the aim of the Matching Program to match all students according to their expressed preferences insofar as these preferences are available to them. Matching of couples who wish to intern together entails special handling; therefore, we ask you to check the situation which applies in your case.

- \_\_\_\_\_ 1. We wish to be matched to the same internship at the same hospital (e. g., straight medicine at the same hospital).
- \_\_\_\_\_ 2. We wish to be matched to the same hospital but not necessarily to the same internship (e. g., one might wish rotating and the other, straight medicine at the same hospital).
- \_\_\_\_\_ 3. We wish to be matched to hospitals in the same city, even if we both cannot get the same hospital.
- \_\_\_\_\_ 4. Although married, we wish to be matched completely independently.

\_\_\_\_\_  
(Medical School)

\_\_\_\_\_  
(Signature of one)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Signature of other)

If alternative 1 is selected, both husband and wife should rank the internships in exactly the same order and should inform the hospitals that they wish to intern together and would appreciate having the hospital rank them at approximately the same level. If alternative 2 is selected, both should rank the hospitals in the same order and again, the hospital should be informed of the desire of the partners to intern together. It should be understood that if the hospitals are ranked in the order A, B, and C, and only one partner is matched with hospital A, then that matching will be cancelled and both partners matched with hospital B, providing hospital B has a place for both of them.

NATIONAL INTERN AND RESIDENT MATCHING PROGRAM  
2530 North Ridge Avenue, Evanston, Illinois

## HOSPITAL AGREEMENT

FOR FIRST-YEAR INTERNSHIPS FOR THE YEAR 1969-70  
(Starting between April 1, and December 31, 1969)

Name of Hospital \_\_\_\_\_

Location of Hospital \_\_\_\_\_

Street

City

Zone

State

On behalf of the hospital named above, I agree to abide by the regulations of the National Intern and Resident Matching Program for appointment of interns for first-year Internships for 1969-1970 (starting service from April 1 through December 31, 1969).

In particular, it is understood that this hospital is agreeing to:

1. Offer all of its approved internship programs through NIRMP. No internship programs may be withheld to which interns may be appointed outside the framework of NIRMP.
2. Offer internship appointment to all applicants matched with this hospital by the matching program, the matched students being the highest ranked students on this hospital's confidential ranking form who wish to intern here more than at any other hospital available to them.
3. Restrict internship appointment of United States and Canadian trained applicants to participants designated for this hospital through the matching program until after notification of the selections made through the matching program.
4. Make or require no commitments or contracts with United States or Canadian trained applicants prior to the notification of the selections made through the matching program.
5. Abide by the official schedule including accepting no application from participants in the matching plan after January 16, 1969; rating applicants and returning rating form by January 17, 1969; offering formal appointment promptly to individuals matched by the plan with this hospital, and not later than March 31, 1969.
6. Not accept an intern who was matched elsewhere and subsequently not released.
7. For service fee requirement, contact National Intern and Resident Matching Program.

We understand further that although we may freely discuss any matter we choose with the student, no participating hospital has the right, under the plan, to demand or to require that the student state how he will rank this hospital on his confidential rating blank. We also understand that the student has no right to request or to demand that this hospital inform him how it plans to rate him.

Furthermore, any statement or other expression concerning how this hospital intends to rank an applicant or how that applicant intends to rank this hospital, which may be made during the free discussion between the hospital and the student, is subject to change based on further considerations. We understand that we, as well as the student, have the right to change our minds at any time prior to the submission of the official confidential rating blanks.

The confidential rating blank submitted by this hospital, and confirmed, is to be the sole determinant of the order of our preference among our applicants.

Signed \_\_\_\_\_

Official Position \_\_\_\_\_

Date \_\_\_\_\_

**The Matching Program is the official cooperative plan for Internship Appointment of the American Hospital Association, the American Protestant Hospital Association, the Association of American Medical Colleges, the Advisory Board for Medical Specialties, the Catholic Hospital Association, the Council on Medical Education of the American Medical Association, the Student American Medical Association, and the medical services of the federal agencies offering internships.**

# NATIONAL INTERN AND RESIDENT MATCHING PROGRAM SCHEDULE OF DATES

FOR

## THE OFFICIAL COOPERATIVE PLAN FOR INTERNSHIP APPOINTMENTS FOR FIRST YEAR INTERNSHIPS FOR 1969-1970

1. SEPTEMBER, 1968. Hospital directory published, containing the number of internships offered, and the description, at each participating hospital.
2. OCTOBER, 1968. Student directory published containing name and medical school of each participating student.
3. OCTOBER 1, 1968–JANUARY 10, 1969. Period for students to make application for internship to hospitals. The student should file a copy of his application with the dean's office, as well as one directly with the hospital. The office of the dean will send this copy of the student application to the hospital at the time he submits the student's credentials and the recommendations. Students are urged wherever possible to apply before December 20, 1968. DEADLINE FOR APPLICATION TO FEDERAL SERVICES, WITH THE EXCEPTION OF THE VETERANS ADMINISTRATION, IS DECEMBER 1, 1968.
4. OCTOBER 1, 1968–JANUARY 10, 1969. The deans may send letters of recommendation to the hospitals at any time after October 1, 1968, but in so far as possible letters should be sent by December 10, 1968, so that the hospitals may have this information when the students are interviewed.
5. JANUARY 17, 1969. Closing date for receipt at central office of student and hospital confidential rank order lists. The student list should be submitted as early as the senior has definitely decided about the exact rank order of the hospitals.
6. FEBRUARY 10, 1969. Confidential student list is confirmed to student. Confidential hospital list is confirmed to hospital.
7. FEBRUARY 17, 1969. Closing date for accepting (in Evanston) corrections to student or hospital confidential rank order lists.
8. FEBRUARY 18, 1969. Matching operation begins.
9. MARCH 6, 1969. Results of the matching plan are mailed from Evanston to students and to hospitals.
10. MARCH 10, 1969. Results are given to students by Deans. Hospitals receive results.
11. MARCH 11–31, 1969. Hospitals send contracts to matched students and students sign and return the contracts.

April, 1968

**NOTE: For the plan to follow this schedule, all participating individuals and hospitals must adhere to dates given above.**

# Directory of Approved Internships

Council on Medical Education of the American Medical Association

535 North Dearborn Street, Chicago 60610

Revised to July 30, 1968

Hospitals 853\*

Internships 14,845\*

Intern training programs in the following hospitals, reviewed by the Internship Review Committee and approved by the Council on Medical Education, are considered to furnish acceptable intern training in accord with the standards adopted by the House of Delegates of the American Medical Association and published in the Essentials of an Approved Internship immediately following this list. Two types of internships are approved by the Council—rotating, and straight—and their descriptions are contained in the "Essentials."

This issue follows the format established with the 1960 issue, in that some of the data formerly listed only for hospitals with approved internships now appear in the Consolidated List of all hospitals with approved graduate training programs on pages 31-76, which precede the description of the National Intern Matching Program. This arrangement permits inclusion of specific data regarding each individual program. The word "Hospital" has been omitted as a part of the name of the hospital to save space, whenever it is the terminal word of the title. The full name and address of the hospital as well as information on the medical school affiliation, type of hospital control, total beds, and necropsy percentage appear in the Consolidated List.

The symbol  $\Delta$  following the name of a hospital indicates that its internship appointments begin in June rather than on July 1. The exact date should be obtained from the program director and should be specified in the intern's contract.

If the name of the program director is not listed, inquiries should be directed to the Chairman of the Intern Committee.

The average daily census permits a calculation of the occupancy in relation to the total beds.

The total number of deaths, which is shown in the internship information, and the necropsy percentage, which is shown in the Consolidated List, permit an actual measure of the mortality rate in the hospital in relation to the total admissions. This mortality rate provides an interesting measure of the nature of the illnesses admitted to the hospital.

The outpatient clinic visits are shown separately from the emergency room visits and referred visits, to give a more accurate picture of the outpatient activity.

The beginning salary per year is not listed for the majority of federal hospitals, since salaries in the uniformed services are determined in relation to military rank or grade, rather than to intern status. For non-federal hospitals, the beginning salary is stated and the initial F signifies full maintenance, while P signifies partial maintenance. If neither initials appear, no degree of maintenance is provided except the salary. An asterisk (\*) signifies that for the married intern, the hospital provides a different salary and/or other forms of full or partial maintenance.

The salary data supplied by the hospital may be out of date by the time it is published; candidates should ascertain

from the program directors whether the information shown in this Directory is still current and complete.

The authorized complement of interns indicates the number requested by the hospital and approved by the Council. The total interns sought through the NIMP may be equal to or less than the total complement authorized, but may not exceed it.

The types of rotating internships are identified by footnotes, which identify the major component or components available in the internship programs offered.

Footnotes for rotating internships (major component) are: <sup>0</sup>Rotating without major, <sup>1</sup>medicine, <sup>2</sup>surgery, <sup>3</sup>obstetrics, <sup>4</sup>pediatrics, <sup>5</sup>pathology, <sup>6</sup>psychiatry, <sup>7</sup>radiology, <sup>8</sup>anesthesiology. See the description of the rotating internship in the "Essentials."

All internships in the approved list are of 12 months' duration unless they are listed with footnote<sup>00</sup>. Footnote<sup>00</sup> indicates the hospital may offer some intern appointments longer than 12 months in duration.

Footnote<sup>10</sup> indicates the internship may be followed by a 2-year residency in General Practice.

Hospitals not participating in the Matching Program can be identified in two ways—by a blank in the column for interns sought through NIRMP, and by a blank in the column showing the NIRMP code. All other hospitals participate in the Matching Program.

Other symbols used in the lists of approved internships are explained at the end of the list of programs.

In this issue, following the explanation of the numbers used to designate affiliated services, a reference list of internships by type of service has been provided.

For internships in Air Force, Army, Navy, or Public Health Service hospitals, applications should be directed to the Medical Departments of the appropriate service and not the individual hospitals. Although applications are made to the service rather than to the individual hospitals, all of the services ask students to list three hospitals in order of preference. Every possible effort is made to place successful candidates in accordance with their desires, but it should be understood that students may, in some instances, be assigned to other hospitals than those for which they have indicated a preference, if the needs of the service should so indicate.

The number and types of internships as listed represent appointments offered for the intern year 1969-1970, while the data describing the various hospitals represent a 12-month period ending generally September 30, 1967.

\*The figures given for the number of hospitals and of internships vary from those given in the Annual Report on Graduate Training, as the statistics used in compiling the tables are those that apply to programs as of September 1, 1967.

APPROVED INTERNSHIPS

FEDERAL

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM Code
<b>UNITED STATES ARMY—Hospitals, 7, Internships, 198</b>										
<b>CALIFORNIA</b>										
<b>San Francisco</b>										
Letterman General		645	10,664	196	347,669	47,736	1,060	...	23 Rot. <sup>2</sup> 3 St. Med. 1 St. Surg. 1 St. Ped.	
<b>COLORADO</b>										
<b>Denver</b>										
Fitzsimons General		676	10,731	142	...	...	...	...	20 Rot. <sup>2</sup> 2 St. Med. 1 St. Surg. 1 St. Ped.	
<b>DISTRICT OF COLUMBIA</b>										
<b>Washington</b>										
Walter Reed General		1,669	16,338	375	396,472	73,910	...	...	24 Rot. <sup>2</sup> 3 St. Med. 1 St. Surg. 1 St. Ped. 1 St. Path.	166 Rotating <sup>2</sup> 00413 18 St. Medicine 00412 7 St. Surgery 00433 5 St. Pediatrics 00434 2 St. Pathology 00436
<b>HAWAII</b>										
<b>Honolulu</b>										
Tripler General		771	17,680	211	328,744	...	...	...	30 Rot. <sup>2</sup> 3 St. Med. 1 St. Surg. 1 St. Ped. 1 St. Path.	Office of the Surgeon General Department of the Army, Washington, D.C., 20315 Attn: Director Personnel and Training
<b>TEXAS</b>										
<b>El Paso</b>										
William Beaumont General		805	15,552	162	481,240	47,356	...	...	21 Rot. <sup>2</sup> 2 St. Med. 1 St. Surg.	
<b>San Antonio</b>										
Brooke General		862	14,735	490	313,327	92,733	...	...	27 Rot. <sup>2</sup> 3 St. Med. 1 St. Surg. 1 St. Ped.	
<b>WASHINGTON</b>										
<b>Tacoma</b>										
Madigan General		592	17,669	160	286,566	59,530	52,297	...	21 Rot. <sup>2</sup> 2 St. Med. 1 St. Surg.	
<b>UNITED STATES AIR FORCE - HOSPITALS, 6; INTERNSHIPS, 110</b>										
<b>CALIFORNIA</b>										
<b>Fairfield</b>										
David Grant U. S. A. F., Travis A. F. B.		341	9,226	110	344,628	36,886	...	...	14 Rot. <sup>0,1,2,3,4</sup>	
<b>DISTRICT OF COLUMBIA</b>										
<b>Washington</b>										
Malcolm Grow U. S. A. F., Andrews A. F. B.		256	8,261	122	405,016	77,302	...	...	14 Rot. <sup>0,1,2,3,4</sup>	
<b>ILLINOIS</b>										
<b>Belleville</b>										
U. S. Air Force, Scott A. F. B.		259	7,023	45	288,134	36,434	...	...	12 Rot. <sup>0,1,2,3,4</sup>	88 Rotating <sup>0,1,2,3,4</sup> 00320 6 Rotating <sup>5,6,7,8</sup> 00340 12 St. Medicine 00332 4 St. Surgery 00333
<b>MISSISSIPPI</b>										
<b>Biloxi</b>										
U. S. Air Force, Keesler A. F. B.		305	8,551	116	306,871	53,315	...	...	14 Rot. <sup>0,1,2,3,4</sup>	Headquarters, U. S. Air Force, Office of Assistant Surgeon General for Staffing and Education Randolph AFB, San Antonio, Texas 78148
<b>OHIO</b>										
<b>Dayton</b>										
U. S. Air Force, Wright-Patterson A. F. B.		305	8,551	116	306,871	53,315	...	...	12 Rot. <sup>0,1,2,3,4</sup>	
<b>TEXAS</b>										
<b>San Antonio</b>										
Wilford Hall U. S. A. F., Lackland A. F. B.		871	20,017	297	597,895	34,850	...	...	22 Rot. <sup>0,1,2,3,4</sup> 6 Rot. <sup>5,6,7,8</sup> 12 St. Med. 4 St. Surg.	
<b>UNITED STATES NAVY--HOSPITALS, 13; INTERNSHIPS, 184</b>										
<b>CALIFORNIA</b>										
<b>Camp Pendleton</b>										
U. S. Naval		454	12,301	83	187,256	50,366	...	...	11 Rot. <sup>2</sup>	164 Rotating <sup>1,2</sup> 00220 10 St. Medicine 00232
<b>Oakland</b>										
U. S. Naval		818	15,102	147	270,739	36,534	...	...	13 Rot. <sup>1,2</sup> 2 St. Med. 2 St. Surg.	10 St. Surgery 00233 Bureau of Medicine and Surgery, Department of the Navy, Washington, D.C. 20390
<b>San Diego</b>										
U. S. Naval		1,882	28,838	556	575,780	18,000	...	...	22 Rot. <sup>1,2</sup> 2 St. Med. 2 St. Surg.	

Numerical and other references are listed on pages 120 and 121

APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM Code	NIRM Code
<b>UNITED STATES NAVY—Continued</b>											
<b>FLORIDA</b>											
Jacksonville											
U. S. Naval		335	9,402	117	174,701	9,326	957	...	9 Rot. <sup>2</sup>		
Pensacola											
U. S. Naval		294	6,142	96	128,156	8,420	...	...	7 Rot. <sup>2</sup>		
<b>ILLINOIS</b>											
Great Lakes											
U. S. Naval		908	12,116	106	159,696	7,822	...	...	12 Rot. <sup>1,2</sup>		
<b>MARYLAND</b>											
Bethesda											
U. S. Naval		833	12,868	250	409,723	18,708	...	...	13 Rot. <sup>1,2</sup> 2 St. Med. 2 St. Surg.		
<b>MASSACHUSETTS</b>											
Chelsea											
U. S. Naval		548	8,083	144	112,661	10,431	...	...	12 Rot. <sup>1,2</sup>	164 Rotating <sup>1,2</sup> 00220	
<b>NEW YORK</b>											
St. Albans											
U. S. Naval		1,015	11,713	167	88,988	23,600	47,223	...	17 Rot. <sup>1,2</sup>	10 St. Medicine 00232 10 St. Surgery 00233	
<b>PENNSYLVANIA</b>											
Philadelphia											
U. S. Naval		1,075	12,893	314	154,014	4,944	...	...	14 Rot. <sup>1,2</sup> 2 St. Med. 2 St. Surg.	Bureau of Medicine and Surgery, Department of the Navy, Washington, D.C. 20390	
<b>RHODE ISLAND</b>											
Newport											
U. S. Naval		214	7,056	47	101,210	18,971	...	...	7 Rot. <sup>2</sup>		
<b>SOUTH CAROLINA</b>											
Charleston											
U. S. Naval		444	9,355	98	208,689	31,117	...	...	8 Rot. <sup>2</sup>		
<b>VIRGINIA</b>											
Portsmouth											
U. S. Naval		1,208	21,947	245	209,750	34,240	109,265	...	19 Rot. <sup>1,2</sup> 2 St. Med. 2 St. Surg.		
<b>UNITED STATES PUBLIC HEALTH SERVICE--HOSPITALS, 7; INTERNSHIPS, 132</b>											
<b>CALIFORNIA</b>											
San Francisco											
U.S. Public Health Service		290	6,092	102	42,413	...	69,320	...	14 Rot. <sup>0,2</sup> 4 St. Med. 2 St. Surg.		
<b>LOUISIANA</b>											
New Orleans											
U. S. Public Health Service		304	6,203	145	136,984	4,000	...	...	20 Rot. <sup>0,2</sup>		
<b>MARYLAND</b>											
Baltimore											
U. S. Public Health Service		259	4,929	145	83,810	...	...	...	16 Rot. <sup>0,2</sup> 2 St. Med.	114 Rotating <sup>0,2</sup> 00120 12 St. Medicine 00132 6 St. Surgery 00133	
<b>MASSACHUSETTS</b>											
Boston											
U. S. Public Health Service		142	3,405	98	56,190	...	...	...	12 Rot. <sup>0,2</sup>	U.S. Public Health Service, H. E. W., Bureau of Medical Services, 7915 Eastern Avenue, Silver Spring, Md. 20910; Attn.: Chairman, Committee on Medical Residen- cies and Internships	
<b>NEW YORK</b>											
New York City (Staten Island)											
U. S. Public Health Service		595	10,267	207	138,099	...	...	...	24 Rot. <sup>0,2</sup> 6 St. Med. 4 St. Surg.		
<b>VIRGINIA</b>											
Norfolk											
U. S. Public Health Service		138	3,825	79	75,425	...	...	...	8 Rot. <sup>0,2</sup>		
<b>WASHINGTON</b>											
Seattle											
U. S. Public Health Service		213	5,791	114	93,674	4,920	...	...	20 Rot. <sup>0,2</sup>		
<b>DEPT. OF HEALTH, EDUCATION, AND WELFARE, HOSPITALS 1, INTERNSHIPS 12</b>											
<b>DISTRICT OF COLUMBIA</b>											
Washington											
St. Elizabeths	W. Whitmore	5,659	2,518	453	18,000	1,414	...	6000 O	6 Rot. <sup>2</sup> 6 Rot. <sup>0</sup>	6 80413 6 80476	009710 009715
<b>OTHER FEDERAL--HOSPITALS, 1; INTERNSHIPS 16</b>											
<b>CANAL ZONE</b>											
Balboa Heights											
Gorgas	W. Austerman	237	8,004	193	166,306	15,155	...	7574 O	16 Rot. <sup>2</sup>	16 80613	010100

## APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM P	NIRM P Code			
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA--HOSPITALS, 8; INTERNSHIPS, 147</b>														
<b>Birmingham</b>														
Birmingham Baptist Hospitals△	T. B. Patton	...	...	...	...	...	...	6000	F*	24	Rot. <sup>2</sup>	24	90313	010500
Birmingham Baptist		294	11,953	413	...	11,200	...	...	...	...	...	...	...	...
Baptist Medical Center		167	6,443	194	...	1,790	...	...	...	...	...	...	...	...
Carraway Methodist	C. M. Tyndal	296	13,296	299	132,715	11,993	...	6600	P	9	Rot. <sup>0</sup>	9	00611	010600
										1	Rot. <sup>1</sup>	1	00612	010650
										2	Rot. <sup>2</sup>	2	00613	010700
										2	St. Med.	2	00632	010750
St. Vincent	W. H. Kessler	172	8,184	202	3,478	3,374	415	7200	F	8	Rot. <sup>0,1,2,3</sup>	8	85120	010700
University of Alabama Medical Center△	E. B. Glenn	...	...	...	...	...	...	5640	P	6	Rot. <sup>2</sup>	6	00713	010806
	F. G. Moody	...	...	...	...	...	...	...	...	6	Rot. <sup>2</sup>	6	00715	010811
	W. N. Jones	...	...	...	...	...	...	...	...	8	Rot. <sup>4</sup>	8	00714	010816
	H. P. Bentley	...	...	...	...	...	...	...	...	6	Rot. <sup>5</sup>	6	00786	010821
	C. H. Lupton, Jr.	...	...	...	...	...	...	...	...	3	Rot. <sup>8</sup>	3	00777	010826
	W. C. Fleming	...	...	...	...	...	...	...	...	18	St. Med.	18	00732	010831
	W. B. Frommeyer	...	...	...	...	...	...	...	...	10	St. Surg.	10	00733	010836
	F. G. Moody	...	...	...	...	...	...	...	...	6	St. Ped.	6	00734	010841
	H. P. Bentley	...	...	...	...	...	...	...	...	4	St. Path.	4	00736	010846
	C. H. Lupton	...	...	...	...	...	...	...	...	...	...	...	...	...
University of Alabama Hospitals and Clinics		561	18,500	812	66,411	39,695	58,795	...	...	...	...	...	...	...
Veterans Admin.		429	6,936	343	40,202	...	...	...	...	...	...	...	...	...
Children's		99	7,447	74	22,490	10,579	...	...	...	...	...	...	...	...
<b>Fairfield</b>														
Lloyd Noland	R. W. Grady	213	9,235	323	114,617	35,997	...	5100	FP*	14	Rot. <sup>0</sup>	14	00811	011300
<b>Mobile</b>														
Mobile General		207	9,964	418	47,930	30,930	...	6240	P	20	Rot. <sup>2</sup>	20	85213	011500
<b>ARIZONA--HOSPITALS, 7; INTERNSHIPS, 100</b>														
<b>Phoenix</b>														
Good Samaritan	R. E. T. Stark	439	21,908	573	5,070	31,432	26,690	6600	...	24	Rot. <sup>0,1,2,3,4</sup>	24	01120	011810
										1	Rot. <sup>5</sup>	1	01186	011815
										1	Rot. <sup>6</sup>	1	01176	011820
										1	Rot. <sup>7</sup>	1	01142	011825
										1	Rot. <sup>8</sup>	1	01177	011830
Maricopa County General	H. F. Lenhardt	344	10,849	618	91,518	44,618	...	7009	P	24	Rot. <sup>0,00,1,2,3,4</sup>	24	89820	011900
Memorial	J. M. Leis	117	3,256	136	4,036	8,940	4,795	6300	FP	10	Rot. <sup>00,2</sup>	10	01320	012000
St. Joseph's	J. C. White Jr.	471	19,098	432	22,311	18,019	21,422	4800	F	19	Rot. <sup>0,1,2,3,4</sup>	19	01220	012101
										1	Rot. <sup>5</sup>	1	01286	012106
										2	Rot. <sup>6</sup>	2	01276	012111
										2	Rot. <sup>7</sup>	2	01242	012116
<b>Tucson</b>														
Tucson Hospitals Medical Education Program	E. G. Ramsay	...	...	...	...	...	...	6000	P	20	Rot. <sup>0,1,2,4</sup>	20	01420	012300
										2	St. Med.	2	01432	012350
										2	St. Surg.	2	01433	012400
Pima County General		127	3,754	209	60,328	9,054	...	...	...	...	...	...	...	...
St. Mary's		205	9,145	272	3,771	7,758	2,595	...	...	...	...	...	...	...
Tucson Medical Center		416	18,778	525	5,391	10,164	13,268	...	...	...	...	...	...	...
<b>ARKANSAS--HOSPITALS, 3; INTERNSHIPS, 69</b>														
<b>Little Rock</b>														
Arkansas Baptist Medical Center	W. G. Cooper, Jr.	388	18,346	481	979	17,919	17,595	6300	F	13	Rot. <sup>0</sup>	13	01611	012900
										4	Rot. <sup>1</sup>	4	01612	012950
St. Vincent Infirmary	G. M. Thorn	317	15,651	299	1,409	16,172	...	6300	FP*	14	Rot. <sup>0,0,1,2</sup>	14	01720	013000
University	L. L. Sanders	252	9,611	399	64,210	25,900	...	4600	O	18	Rot. <sup>0</sup>	18	01820	013110
	R. S. Abernathy	...	...	...	...	...	...	...	...	6	St. Med.	6	01832	013115
	T. C. Panos	...	...	...	...	...	...	...	...	6	St. Ped.	6	01834	013120
	W. E. Jaques	...	...	...	...	...	...	...	...	4	St. Path.	4	01836	013125
	W. E. Brown	...	...	...	...	...	...	...	...	4	St. Obg.	4	01835	013130
<b>CALIFORNIA--HOSPITALS, 53; INTERNSHIPS, 1,273</b>														
<b>Bakersfield</b>														
Kern County General	J. C. Reavis	338	6,900	384	62,633	38,508	...	6300	P	16	Rot. <sup>2</sup>	16	92113	013400
										3	St. Med.	3	92132	013450
<b>Berkeley</b>														
Herrick Memorial	E. B. Mc Lean	172	6,575	229	15,889	15,922	36,765	4200	P	8	Rot. <sup>1,2,6</sup>	8	02020	013600
<b>Daly City</b>														
Mary's Help	R. A. Bilafer	176	8,156	248	3,640	12,905	9,616	6000	O*	8	Rot. <sup>0,1,2,3,4</sup>	8	05320	013800
<b>Fresno</b>														
Fresno General△	F. M. Hebert	347	9,821	470	73,341	47,826	...	6540	P	28	Rot. <sup>0</sup>	24	02211	014000
<b>Glendale</b>														
Glendale Adventist	S. W. Kime, Jr.	346	13,324	402	16,504	11,119	17,309	6000	P	12	Rot. <sup>0</sup>	12	02311	014200
<b>Loma Linda</b>														
Loma Linda University	E. E. Nichols	171	6,798	153	100,000	8,750	...	5300	FP	1	Rot. <sup>3</sup>	1	02415	014401
	B. D. Briggs	...	...	...	...	...	...	...	...	1	Rot. <sup>8</sup>	1	02477	014406
	V. J. Johns	...	...	...	...	...	...	...	...	12	St. Med.	12	02432	014411
	D. B. Hinshaw	...	...	...	...	...	...	...	...	4	St. Surg.	4	02433	014416
	R. F. Chinnock	...	...	...	...	...	...	...	...	2	St. Ped.	2	02434	014421
	W. P. Thompson	...	...	...	...	...	...	...	...	2	St. Path.	2	02436	014426
<b>Long Beach</b>														
Memorial Hospital of Long Beach	S. Ede	452	19,374	641	12,126	18,742	...	5100	P	18	Rot. <sup>0</sup>	18	02711	014600
										2	Rot. <sup>2</sup>	2	02713	014650
										2	St. Path.	2	02736	014700
St. Mary's Long Beach	C. C. Calessibetta	287	17,689	417	1,189	15,363	34,936	6600	P*	12	Rot. <sup>0,1,2,3,4</sup>	12	02520	014700
<b>Los Angeles</b>														
California	K. L. Senter	284	13,251	472	34,152	14,288	20,151	6000	F	8	Rot. <sup>0</sup>	8	02911	014900
Cedars-Sinai Medical Center		...	...	...	...	...	...	...	...	...	...	...	...	...
Cedars of Lebanon Hospital Div.△	L. Schwartzman	413	22,063	631	42,643	5,917	...	5100	P	12	Rot. <sup>0</sup>	12	03011	015100
	C. Kleeman	...	...	...	...	...	...	...	...	6	Rot. <sup>1</sup>	6	03012	015150
	L. Morgenstern	...	...	...	...	...	...	...	...	2	Rot. <sup>2</sup>	2	03013	015200
	B. Kagan	...	...	...	...	...	...	...	...	3	Rot. <sup>4</sup>	3	03014	015250
Mount Sinai Hospital Division△	C. Kleeman	219	8,420	280	...	202	...	5100	P	7	St. Med.	7	95232	015200

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRM P	NIRMP Code	
<b>CALIFORNIA, Los Angeles—Continued</b>													
Childrens Hospital of Los Angeles .....	R. Ward .....	189	10,207	237	73,755	50,625	10,018	4800	P*	16 St. Ped.	16	03134	015300
Hospital of the Good Samaritan Medical Center .....	P. H. L. Sargent .....	327	13,362	482	18,051	525	41,505	5700	FP*	12 Rot. <sup>0,1,2,5</sup>	12	03220	015400
Los Angeles County-U.S.C. Medical Center .....	W. E. Nerlich .....	2,066	90,959	3,800	894,614	219,769	...	6036		168 Rot. <sup>0</sup> 30 Rot. <sup>2</sup> 30 St. Med. 12 St. Ped.	168 30 30 12	03311 03313 03332 03334	015510 015515 015520 015525
Queen of Angels .....	J. W. Bisenius .....	254	13,695	435	14,560	...	18,485	5400	F	12 Rot. <sup>0,1,2,3,4</sup>	12	03620	015800
Santa Fe Memorial Hospital - Children's Hospital of Los Angeles .....	E. Ricketts .....	...	...	...	...	...	...	...		9 Rot. <sup>0,1,2</sup>	9	03820	015900
Santa Fe Memorial .....	...	137	5,058	164	31,484	...	...	6300	F*	...	...	...	...
Childrens Hospital of Los Angeles .....	...	189	10,207	237	73,755	50,625	10,018	4800	P*	...	...	...	...
U.C.L.A. Affiliated HospitalsΔ .....	G. M. Kalmanson .....	...	...	...	...	...	...	...		24 Rot. <sup>0</sup>	24	98311	016200
U. C. L. A. .....	...	277	12,572	377	122,042	26,014	...	4800	O	...	...	...	...
Veterans Admin. Center - Wadsworth Los Angeles County Harbor General (Torrance) .....	...	1,148	13,487	1,026	77,337	...	...	6436	P	...	...	...	...
U. C. L. A. .....	W. N. Valentine .....	502	17,007	856	144,731	55,756	...	5700	P	24 St. Med.	24	95632	016601
...	W. P. Longmire, Jr. ....	277	12,572	377	122,042	26,014	...	4800	O	12 St. Surg.	12	95633	016606
...	A. J. Moss .....	...	...	...	...	...	...	...		10 St. Ped.	10	95634	016611
...	S. C. Madden .....	...	...	...	...	...	...	...		7 St. Path.	7	95636	016616
Veteran Admin. Center-WadsworthΔ ..	G. M. Kalmanson .....	1,148	13,487	1,026	77,337	...	...	6436	P	12 St. Med.	12	03932	016707
White Memorial Medical Center .....	W. E. Mac Pherson .....	249	10,803	364	78,515	17,695	...	6000	O	12 Rot. <sup>0</sup>	12	04011	016801
...	W. E. Mac Pherson .....	...	...	...	...	...	...	...		1 St. Med.	1	04032	016806
...	C. E. Stafford .....	...	...	...	...	...	...	...		1 St. Surg.	1	04033	016811
...	N. Nation .....	...	...	...	...	...	...	...		2 St. Ped.	2	04034	016816
<b>Oakland</b>													
Children's Hospital Medical Center of Northern California .....	R. Gerdson .....	99	7,437	104	18,558	14,445	13,730	5100	F	6 St. Ped.	6	93934	017000
Highland GeneralΔ .....	W. Mandel .....	386	14,655	360	113,833	51,142	...	6600	P	42 Rot. <sup>0</sup>	42	04111	017100
Kaiser Foundation .....	M. A. Shearn .....	231	12,121	383	491,993	37,440	...	6300	O	20 Rot. <sup>0,1</sup>	20	04220	017200
<b>Orange</b>													
Orange County Medical Center .....	W. J. Berger, Jr. ....	422	16,182	464	83,079	71,099	...	5712	P	24 Rot. <sup>2</sup>	24	04313	017401
...	J. E. Berk .....	...	...	...	...	...	...	...		10 Rot. <sup>0</sup>	10	04315	017406
...	...	...	...	...	...	...	...	...		7 St. Med.	7	04332	017411
Orange County Med. Center - Children's Hosp. of Orange-County .....	M. J. Carson .....	...	...	...	...	...	...	...		6 St. Ped.	6	04334	017520
Orange County Medical Center .....	T. L. Nelson .....	422	16,182	464	83,079	71,099	...	5712	P	...	...	...	017540
Children's Hospital of Orange County .....	...	47	3,579	59	6,894	5,828	...	6024		...	...	...	...
<b>Palo Alto</b>													
Palo Alto - Stanford Hospital CenterΔ ..	R. A. Chase .....	489	21,784	583	96,066	18,211	6,031	5300	P	12 St. Surg.	12	82033	017601
...	N. Kretschmer .....	...	...	...	...	...	...	...		10 St. Ped.	10	82034	017606
...	D. Korn .....	...	...	...	...	...	...	...		4 St. Path.	4	82036	017611
Stanford Medical Center and Affiliated HospitalsΔ .....	H. R. Holman .....	...	...	...	...	...	...	...		17 St. Med.	17	89932	017760
Palo Alto-Stanford Hospital Center ..	...	489	21,784	583	96,066	18,211	6,031	5300	P	...	...	...	...
Veterans Admin. ....	...	1,939	5,258	273	41,963	...	...	...		...	...	...	...
<b>Pasadena</b>													
Huntington MemorialΔ .....	R. M. Shelton .....	341	14,824	548	24,078	16,473	63,880	5700	F	12 Rot. <sup>0,1,2,3,4,5</sup>	12	04420	018100
<b>Riverside</b>													
Riverside General Δ .....	J. E. Gorrell .....	270	8,078	343	27,449	36,415	...	4632	F	16 Rot. <sup>0</sup>	16	85011	018300
<b>Sacramento</b>													
Sacramento Medical Center Δ .....	G. G. Snively .....	486	12,610	621	70,700	57,182	...	7920	P	32 Rot. <sup>0</sup>	32	04611	018500
<b>San Bernardino</b>													
San Bernardino County General .....	J. E. Cunningham .....	294	8,666	423	43,375	48,613	...	4800	F	21 Rot. <sup>0</sup>	21	04711	018700
<b>San Diego</b>													
MercyΔ .....	W. Perkins .....	309	16,846	467	44,908	12,440	21,294	4800	F	15 Rot. <sup>0,1,2,5</sup>	15	04820	018900
...	D. De Santo .....	...	...	...	...	...	...	...		1 St. Path.	1	04836	018950
University of California Affiliated Hospitals .....	...	...	...	...	...	...	...	...		...	...	...	...
University Hospital of San Diego County Δ .....	E. Braunwald .....	366	13,360	505	47,446	23,305	...	4600	P	18 St. Med.	18	04932	019110
...	M. J. Orloff .....	...	...	...	...	...	...	...		18 St. Surg.	18	04933	019115
...	R. N. Hamburger .....	...	...	...	...	...	...	...		6 St. Ped.	6	04934	019120
...	A. A. Liebow .....	...	...	...	...	...	...	...		5 St. Path.	5	04936	019125
...	P. L. Martin .....	...	...	...	...	...	...	...		4 St. Obj.	4	04935	019130
<b>San Francisco</b>													
Children's Hospital and Adult Medical Center .....	F. W. Spicer .....	245	12,463	201	49,739	12,025	62,252	7200	P	12 Rot. <sup>0</sup>	12	05020	019300
...	I. Brandt .....	...	...	...	...	...	...	...		3 St. Ped.	3	05034	019350
French .....	A. D. Matzger .....	178	7,405	270	26,814	1,346	1,686	7200	P	8 Rot. <sup>0,1,2</sup>	8	05220	019400
Harkness Community Hospital and Medical Center .....	J. J. Kelly .....	273	9,043	266	42,275	...	...	6300		21 Rot. <sup>1,2</sup>	21	06020	019460
...	A. G. Scottilini .....	...	...	...	...	...	...	...		2 St. Path.	2	06036	019465
H. C. Moffitt-University of California HospitalsΔ .....	L. H. Smith, Jr. ....	443	16,267	400	142,234	15,164	...	4600	O	13 St. Med.	13	06232	019510
...	J. E. Dunphy .....	...	...	...	...	...	...	...		12 St. Surg.	12	06233	019515
...	M. M. Grumbach .....	...	...	...	...	...	...	...		10 St. Ped.	10	06234	019520
...	H. D. Moon .....	...	...	...	...	...	...	...		4 St. Path.	4	06236	019525
Kaiser Foundation .....	A. H. Lieberman .....	255	13,964	329	626,961	24,557	764,528	6300	P	18 Rot. <sup>0</sup>	18	95911	019610
...	...	...	...	...	...	...	...	...		3 St. Med.	3	95932	019615
...	...	...	...	...	...	...	...	...		3 St. Surg.	3	95933	019620
...	...	...	...	...	...	...	...	...		2 St. Path.	2	95936	019625
Mount Zion Hospital and Medical CenterΔ .....	H. Weinstein .....	406	14,206	534	66,833	21,375	45,645	6600		23 Rot. <sup>0</sup>	23	05420	019730
...	...	...	...	...	...	...	...	...		2 St. Surg.	2	05433	019735
...	...	...	...	...	...	...	...	...		2 St. Ped.	2	05434	019740
Pacific Medical Center - Presbyterian Hospital .....	J. Kelly .....	209	8,817	154	38,982	11,303	14,834	6000	O	10 Rot. <sup>0</sup>	10	06111	019800
...	...	...	...	...	...	...	...	...		10 Rot. <sup>1</sup>	10	06112	019850

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)		Authorized Complement Type	Total Sought Through NLRMP	NLRMP Code	
<b>CALIFORNIA, San Francisco - Continued</b>													
St. Joseph's	H. F. Jolley	162	5,913	253	2,617	3,185	7,261	5400	FPO	6 Rot. <sup>0</sup>	6	05511	019900
St. Luke's	P. L. Pillsbury	199	9,491	290	21,830	6,007	17,285	7200	O	8 Rot. <sup>0,1,2,3,4</sup>	8	05620	020000
St. Mary's	C. B. Favour	75	12,564	303	48,109	6,998	38,352	6600	O	10 Rot. <sup>0</sup>	10	05711	020101
										8 Rot. <sup>1</sup>	8	05712	020106
										3 Rot. <sup>2</sup>	3	05713	020111
San Francisco General	House Staff Comm.	668	18,409	512	40,176	50,259	...	4692	P	36 Rot. <sup>0</sup>	36	05811	020210
										12 Rot. <sup>1</sup>	12	05812	020215
										12 Rot. <sup>2</sup>	12	05813	020220
										2 Rot. <sup>4</sup>	2	05814	020225
										2 Rot. <sup>5</sup>	2	05876	020230
Southern Pacific Memorial - See Harkness Community Hospital & Medical Center													
<b>San Jose</b>													
O'Connor	L. R. Grams	...	...	...	...	...	...	6600	O	2 St. Path.	2	04536	020450
Santa Clara Valley Medical Center	R. M. Manson	379	9,518	376	112,670	39,501	...	6072	F	32 Rot. <sup>0</sup>	32	06311	020600
<b>Santa Barbara</b>													
Santa Barbara General-Cottage Hospitals	S. B. Chirman	...	...	...	...	...	...	4500	F	10 Rot. <sup>0</sup>	10	06411	020810
										4 Rot. <sup>1</sup>	4	06412	020815
										3 Rot. <sup>2</sup>	3	06413	020820
Santa Barbara Cottage		253	11,477	288	...	14,600	...	...					
Santa Barbara General		153	2,931	111	12,897	8,173	...	...					
<b>Santa Monica</b>													
Santa Monica	A. U. Rivin	218	12,678	421	10,460	24,222	74,486	5100	F	12 Rot. <sup>0</sup>	12	06611	021200
<b>Stanford</b>													
Stanford University Hospital - See Palo Alto - Stanford Medical Center, Palo Alto													
<b>Stockton</b>													
San Joaquin General	J. D. Bernard	160	6,964	319	111,241	27,547	...	4848	F	20 Rot. <sup>0</sup>	20	02111	021400
<b>Torrance</b>													
Los Angeles County Harbor General	W. H. Swanson	502	17,007	856	144,731	55,756	...	5700	P	41 Rot. <sup>0,1,2,3,4</sup>	41	06720	021610
										8 St. Med.	8	06732	021615
										8 St. Surg.	8	06733	021620
										4 St. Ped.	4	06734	021625
										3 St. Path.	3	06736	021630
<b>COLORADO--HOSPITALS, 11; INTERNSHIPS, 200</b>													
<b>Denver</b>													
Children's	F. J. Cozzetto	160	11,149	135	19,738	9,080	...	4300	P	6 St. Ped.	6	88934	021900
Denver General	D. L. Cowen	245	9,095	329	153,192	46,905	...	4104	P	30 Rot. <sup>2</sup>	30	07713	022000
										3 Rot. <sup>5</sup>	3	07776	022050
General Rose Memorial	G. Hermann	356	14,096	345	5,693	10,162	8,652	6000	P	12 Rot. <sup>0,1</sup>	12	06920	022100
Mercy	H. H. Goldstein	301	13,705	291	3,290	10,595	9,290	7020	P	11 Rot. <sup>2</sup>	11	92213	022150
Porter Memorial	R. S. Brittain	196	10,206	195	2,084	7,563	19,114	4800	P	12 Rot. <sup>2</sup>	12	07113	022200
Presbyterian Medical Center	M. A. Lubchenco	266	11,867	355	5,552	9,057	31,325	4800	P	22 Rot. <sup>0</sup>	22	07211	022300
										1 Rot. <sup>5</sup>	1	07286	022400
St. Anthony	F. O. Franco	385	20,741	331	2,629	15,493	18,543	7200	P	10 Rot. <sup>0</sup>	10	07311	022450
St. Joseph	M. E. Mc Dowell	476	22,242	426	13,118	9,256	11,416	4800	P*	18 Rot. <sup>0,1,2,10</sup>	18	07410	022500
St. Luke's	R. S. Liggett	388	15,955	442	1,984	13,570	29,809	6000	P	10 Rot. <sup>2</sup>	10	07523	022600
University of Colorado Medical Center	E. S. Taylor	316	11,482	386	149,765	35,983	...	4000		6 Rot. <sup>3</sup>	6	07615	022810
	R. W. Virtue									3 Rot. <sup>5</sup>	3	07677	022815
	G. Meiklejohn									12 St. Med.	12	07632	022820
	W. R. Waddell									13 St. Surg.	13	07633	022825
	C. H. Kempe									15 St. Ped.	15	07634	022830
	R. B. Hill									10 St. Path.	10	07636	022835
<b>Greeley</b>													
Weld County General	W. K. Mangum	226	11,870	255	8,882	9,422	...	4800	F*	6 Rot. <sup>0</sup>	6	85311	023000
<b>CONNECTICUT--HOSPITALS, 22; INTERNSHIPS, 319</b>													
<b>Bridgeport</b>													
Bridgeport	N. P. R. Spinelli	437	19,058	704	17,982	22,544	30,130	4800	FP*	14 Rot. <sup>0</sup>	14	07920	023300
St. Vincent's	W. H. Curley	327	15,316	588	6,516	19,674	11,928	5400	P	8 Rot. <sup>0</sup>	8	08011	023405
										2 St. Med.	2	08052	023410
										2 St. Surg.	2	08033	023415
<b>Bristol</b>													
Bristol	M. J. Seide	165	9,149	250	3,265	14,099	5,744	5146	O	7 Rot. <sup>0</sup>	7	92311	023600
<b>Danbury</b>													
Danbury	J. L. Belsky	226	11,179	3741	5,092	21,138	19,307	5400	F	4 Rot. <sup>0</sup>	4	08111	023805
										6 Rot. <sup>1</sup>	6	08112	023810
										2 Rot. <sup>2</sup>	2	08113	023815
<b>Derby</b>													
Griffin	V. A. De Luca, Jr.	163	7,411	323	5,170	17,363	4,806	5000	P	9 Rot. <sup>0,1,2</sup>	9	97720	024000
<b>Greenwich</b>													
Greenwich	F. J. Christie	290	10,088	281	9,547	18,206	16,733	5000	F	14 Rot. <sup>1,2</sup>	14	08220	024200
<b>Hartford</b>													
Hartford	R. Kaufman	824	30,514	1,114	46,291	48,862	...	6400		10 Rot. <sup>0</sup>	10	08311	024410
	J. Foster									8 Rot. <sup>2</sup>	8	08313	024415
	F. J. Flynn									4 Rot. <sup>4</sup>	4	08314	024420
	R. Reinfrank									9 St. Med.	9	08332	024425
	R. Tennant									2 St. Path.	2	08336	024430
Mount Sinai	M. Josel	166	8,024	220	1,680	12,402	1,465	5400	FP*	12 Rot. <sup>1,2,3</sup>	12	85420	024500
St. Francis	W. J. Lahey	572	24,790	769	30,754	34,933	91,973	4200	F	12 Rot. <sup>0,1,3,4</sup>	12	08520	024600
University of Connecticut Affiliated Hospitals	J. W. Patterson	...	...	...	...	...	...	...		8 St. Med.	8	09432	024625
University of Connecticut Health Center, Mc Cook		152	3,355	116	9,760	14,259	...	7000	P				
Veterans Admin. (Newington)		205	2,686	174	57,774	...	...	...					
University of Connecticut Health Center-Mc Cook	J. W. Patterson	152	3,355	116	9,760	14,259	...	7000	P	3 Rot. <sup>2</sup>	3	09413	024705
										3 Rot. <sup>4</sup>	3	09414	024710
<b>Manchester</b>													
Manchester Memorial	M. Duke	255	14,823	309	1,739	16,010	30,164	5100	F	6 Rot. <sup>0</sup>	6	85511	024900
<b>Meriden</b>													
the Meriden Hospital	M. J. Seide	226	9,384	367	3,501	13,075	7,613	5146	O	8 Rot. <sup>0</sup>	8	08611	025100
<b>Middletown</b>													
Middlesex Memorial	M. J. Seide	222	75,806	379	7,855	17,961	...	5146	P	7 Rot. <sup>0</sup>	7	08711	025300

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRMP	NIRMP Code
<b>CONNECTICUT—Continued</b>												
<b>New Britain</b>												
New Britain General	H. Levine	328	14,485	428	7,018	25,590	24,729	6000	P	12 Rot. <sup>2</sup>	12	08813 025500
<b>New Haven</b>												
Hospital of St. Raphael	R. P. Zanes, Jr.	387	16,011	689	13,785	30,066	1,611	5100	P*	17 Rot. <sup>9</sup>	17	09020 025702
	D. S. Dock									4 St. Med.	4	09032 025707
	D. A. Farmer									6 St. Surg.	6	09033 025712
	J. C. Dower									2 St. Ped.	2	09034 025717
Yale - New Haven Medical Center	C. D. Cook	623	25,914	950	119,545	56,666	12,069	6000	P	2 Rot. <sup>4</sup>	2	08914 025865
Yale - New Haven	P. K. Bondy									19 St. Med.	19	08932 025870
	J. W. Cole									16 St. Surg.	16	08933 025875
	C. D. Cook									12 St. Ped.	12	08934 025880
	A. Liebow									9 St. Path.	9	08936 025885
<b>Newington</b>												
Veterans Admin. - See University of Connecticut Affiliated Hospitals, Hartford												
<b>New London</b>												
Lawrence and Memorial Hospitals	E. Gipstein	254	12,717	412	2,156	30,090	48,667	4800	F	8 Rot. <sup>1</sup>	8	09212 026100
<b>Norwalk</b>												
Norwalk	A. Margold	327	14,418	558	18,841	27,091	34,820	4800	F	18 Rot. <sup>0,2,3,4</sup>	18	09320 026300
<b>Stamford</b>												
Stamford	L. M. Smith	291	11,047	320	16,913	20,413	15,019	5200	P	15 Rot. <sup>0,1,2,3,8</sup>	15	09520 026600
<b>Waterbury</b>												
St. Mary's	W. Finkelstein	333	12,180	431	17,521	20,733	5,996	5400	F	8 Rot. <sup>0</sup>	8	09611 026810
	W. Finkelstein									2 Rot. <sup>1</sup>	2	09612 026815
	J. Daly									2 Rot. <sup>2</sup>	2	09613 026820
Waterbury	O. J. Bizzozero	320	13,609	492	17,088	15,815	78,905	5400	F	7 Rot. <sup>0</sup>	7	09711 026910
<b>DELAWARE-HOSPITALS, 1; INTERNSHIPS, 23</b>												
<b>Wilmington</b>												
Wilmington Medical Center	R. B. Flinn	972	35,470	1,348	59,183	79,302	105,821	5400	P	14 Rot. <sup>0,1,2,4</sup>	14	09920 027210
	R. B. Flinn									6 St. Med.	6	09932 027215
	H. Rosenblum									3 St. Ped.	3	09934 027220
<b>DISTRICT OF COLUMBIA-HOSPITALS, 9; INTERNSHIPS, 243</b>												
<b>Washington</b>												
Children's Hospital of the District of Columbia	D. W. Delaney	161	12,796	149	64,480	29,027	10,100	6000	P	9 St. Ped.	9	07034 027500
District of Columbia General	C. Martin	652	16,530	1,193	161,705	71,577	...	6000	P	14 St. Med.	14	79932 027700
Program 1 - Georgetown University	M. Romansky	...	...	...	...	...	...	...	...	8 St. Med.	8	79957 027910
Program 4 - George Washington Univ.	M. Romansky	...	...	...	...	...	...	...	...	6 Rot. <sup>1</sup>	6	79929 028000
Program 5 - George Washington Univ.	W. L. Henry	...	...	...	...	...	...	...	...	4 St. Med.	4	79925 028100
Program 7 - Howard University	W. L. Henry	...	...	...	...	...	...	...	...	4 Rot. <sup>1</sup>	4	79926 028202
Program 8 - Howard University	B. Syphax	...	...	...	...	...	...	...	...	2 St. Surg.	2	79927 028300
Program 9 - Howard University	B. Syphax	...	...	...	...	...	...	...	...	4 Rot. <sup>2</sup>	4	79913 028400
Program 10 - Howard University	T. Reichelderfer	...	...	...	...	...	...	...	...	4 St. Ped.	4	79934 028500
Program 11 - District of Columbia General	G. P. Blundell	280	10,302	340	...	171	1,439	7200	F	8 Rot. <sup>2</sup>	8	79413 028800
Doctors	C. S. Ireland	359	13,671	603	56,444	45,713	...	6500	F	16 Rot. <sup>0</sup>	16	...
Freedmen's	...	...	...	...	...	...	...	...	...	4 Rot. <sup>1</sup>	4	...
	...	...	...	...	...	...	...	...	...	9 Rot. <sup>2</sup>	9	...
	...	...	...	...	...	...	...	...	...	3 Rot. <sup>3</sup>	3	...
	...	...	...	...	...	...	...	...	...	2 Rot. <sup>4</sup>	2	...
	...	...	...	...	...	...	...	...	...	2 Rot. <sup>6</sup>	2	...
	...	...	...	...	...	...	...	...	...	2 St. Ped.	2	...
Georgetown University	L. H. Kyle	318	12,736	379	52,558	13,741	...	6500	P	2 Rot. <sup>4</sup>	2	80114 029202
	L. H. Kyle									12 St. Med.	12	80132 029207
	P. L. Calcagno									8 St. Ped.	8	80134 029212
	A. Golden									3 St. Path.	3	80136 029217
Georgetown University-D. C. General	R. H. Coffey	...	...	...	...	...	...	...	...	10 St. Surg.	10	81733 029325
Georgetown University	J. M. Evans	318	12,736	379	52,558	13,741	...	6500	P*	...	...	...
District of Columbia General	T. M. Perry	652	16,530	1,193	161,705	71,577	...	6000	P*	19 St. Med.	19	80232 029610
George Washington University	J. M. Evans	385	15,748	485	36,941	26,195	2,144	6515	P	2 St. Path.	2	80236 029615
George Washington University-D. C. General	B. B. Blades	...	...	...	...	...	...	...	...	12 St. Surg.	12	81833 029700
General	...	385	15,748	485	36,941	26,195	2,144	6515	P	...	...	...
George Washington University	...	652	16,530	1,193	161,705	71,577	...	6000	P	...	...	...
District of Columbia General	T. E. Curtin	312	14,631	427	33,760	25,547	50,236	3600	P	16 Rot. <sup>0,1,2,3,4</sup>	16	80320 029810
Providence	...	...	...	...	...	...	...	...	...	4 St. Med.	4	80332 029815
	...	...	...	...	...	...	...	...	...	2 St. Surg.	2	80333 029820
Veterans Admin.	...	654	7,099	422	110,334	...	...	6500	P	...	...	...
Georgetown University Service	S. Katz	...	...	...	...	...	...	...	...	6 St. Med.	6	79532 030225
George Washington University Service	S. Katz	...	...	...	...	...	...	...	...	5 St. Med.	5	79632 030251
Howard University Service	S. Katz	...	...	...	...	...	...	...	...	5 St. Med.	5	79732 030275
Washington Hospital Center	K. G. Barry	669	30,074	7201	96,474	40,439	39,623	8100	P	18 Rot. <sup>0,1,2,3</sup>	18	80020 030300
	...	...	...	...	...	...	...	...	...	12 St. Med.	12	80032 030350
	...	...	...	...	...	...	...	...	...	6 St. Surg.	6	80033 030400
<b>FLORIDA-HOSPITALS, 18; INTERNSHIPS, 364</b>												
<b>Bartow</b>												
Polk General - See Lakeland General Hospital-Polk General, Lakeland												
<b>Daytona Beach</b>												
Halifax District	...	377	15,180	608	3,766	25,310	16,011	...	...	8 Rot. <sup>0</sup>	8	62911 030800
<b>Gainesville</b>												
William A. Shands Teaching Hospital and Clinics	L. E. Cluff	308	11,230	384	76,789	13,826	...	4200	O	24 St. Med.	24	82432 031005
	E. R. Woodward									9 St. Surg.	9	82433 031010
	H. A. Pearson									6 St. Ped.	6	82434 031015
	R. L. Hackett									2 St. Path.	2	82436 031020

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<b>FLORIDA—Continued</b>														
<b>Jacksonville</b>														
Baptist Memorial	N. Jones	376	18,520	412	3,227	18,001	22,761	5400	P*	12	Rot. <sup>0</sup>	12	97011	031200
	A. G. Foraker									2	St. Path.	2	97036	031250
Duval Medical Center	S. D. Doff	227	9,873	459	128,322	76,691	2,496	6600	P	22	Rot. <sup>0,1,2,3,4</sup>	22	10120	031310
										4	St. Med.	4	10132	031315
										6	St. Surg.	6	10133	031320
										4	St. Ped.	4	10134	031325
										2	St. Path.	2	10136	031330
St. Vincent's	S. M. Day	329	17,562	456	10,696	22,075	44,647	5400	P*	4	Rot. <sup>0</sup>	4	10311	031401
	J. H. St. John									3	Rot. <sup>1</sup>	3	10312	031406
	J. Canipelli									3	Rot. <sup>2</sup>	3	10313	031411
	W. J. Phelan									3	Rot. <sup>3</sup>	3	10315	031416
	E. M. Frane									3	Rot. <sup>4</sup>	3	10314	031421
	C. M. Whorton									1	Rot. <sup>5</sup>	1	10386	031426
	M. V. Mc Clow									1	Rot. <sup>7</sup>	1	10342	031431
	L. Costanza									1	Rot. <sup>8</sup>	1	10377	031436
	C. M. Whorton									1	St. Path.	1	10336	031441
<b>Lakeland</b>														
Lakeland General Hospital - Polk General	J. F. Dominick	...	...	...	...	...	...	6480	P	12	Rot. <sup>0</sup>	12	83311	031600
Lakeland General		374	17,740	503	1,504	23,883	...	...						
Polk County (Bartow, Fla.)		131	4,610	259	37,123	9,600	...	...						
<b>Miami</b>														
Jackson MemorialΔ	L. P. Carmichael	1,110	29,590	1,849	184,719	120,724	...	4798	P*	6	Rot. <sup>0</sup>	6	10411	032001
	W. A. Little									10	Rot. <sup>3</sup>	10	10415	032006
	W. L. Nyhan									3	Rot. <sup>4</sup>	3	10414	032011
	J. M. Caldwell									8	Rot. <sup>6</sup>	8	10476	032016
	F. Moya									4	Rot. <sup>8</sup>	4	10477	032021
	W. J. Harrington									32	St. Med.	32	10432	032026
	R. Zeppa									18	St. Surg.	18	10433	032031
	W. L. Nyhan									7	St. Ped.	7	10434	032036
	W. A. D. Anderson									3	St. Path.	3	10436	032041
Variety Children's	J. Montalvo	107	5,378	78	12,667	20,202	...	4800	O*	6	St. Ped.	3	11034	032100
<b>Miami Beach</b>														
Mount Sinai Hospital of Greater Miami	J. W. Ketzky	502	15,655	892	42,131	25,971	26,421	6300	P	4	Rot. <sup>0</sup>	4	10511	032310
										22	Rot. <sup>1</sup>	22	10512	032315
										10	Rot. <sup>2</sup>	10	10513	032320
St. Francis	D. G. Stannus	167	5,915	317	2,583	7,987	23,995	4800	P*	12	Rot. <sup>0</sup>	12	10611	032401
<b>Orlando</b>														
Florida Sanitarium and Hospital	F. H. Miles	312	12,813	426	...	24,636	...	6600	P	6	Rot. <sup>2</sup>	6	10213	032600
Orange Memorial	G. H. Cary	546	23,138	729	24,316	18,996	8,054	6000	P	18	Rot. <sup>1,2,3,4</sup>	18	10720	032700
<b>Pensacola</b>														
Pensacola Educational Program	W. C. White	622	32,063	691	25,088	48,541	53,323	7020	P	12	Rot. <sup>1,2,3,4</sup>	12	82620	032900
Baptist		...	...	...	...	...	...	...						
Escambia General		...	...	...	...	...	...	...						
Sacred Heart		...	...	...	...	...	...	...						
<b>St. Petersburg</b>														
Mound Park	W. S. Wiggins	582	20,675	1,373	13,588	24,886	5,505	5700	P	16	Rot. <sup>0</sup>	16	91111	033400
<b>Tampa</b>														
Tampa General	R. B. Smith	558	29,013	800	36,269	33,353	8,022	4800	FP*	18	Rot. <sup>0,1,2,3,4,5,7,8</sup>	18	10920	033600
										3	St. Path.	3	10936	033650
<b>GEORGIA—HOSPITALS, 13; INTERNSHIPS, 267</b>														
<b>Atlanta</b>														
Crawford W. Long Memorial	H. S. Ramos	364	17,427	500	8,547	8,765	1,922	5400	O	6	Rot. <sup>0</sup>	6	11111	034301
										3	Rot. <sup>1</sup>	3	11112	034306
										3	Rot. <sup>2</sup>	3	11113	034311
Emory University	J. D. Martin, Jr.	295	11,001	375	...	7,634	...	5400	P	8	St. Surg.	8	11933	034401
	A. Santos-Buch									4	St. Path.	4	11936	034406
Emory University Affiliated Hospitals	J. W. Hurst	...	...	...	...	...	...	...		22	St. Med.	22	11732	034551
Emory University		295	11,001	375	...	7,634	...	5400						
Veterans Admin.		339	5,822	356	11,525	...	...	4410	O					
Georgia Baptist	W. Weaver	395	22,537	4441	8,513	18,883	...	5400	P	12	Rot. <sup>0,1,2,3,4</sup>	12	11220	034801
	L. Peacock									1	St. Med.	1	11232	034806
	J. Wilson									1	St. Surg.	1	11233	034811
	H. Foster									2	St. Ped.	2	11234	034816
	M. Sealey									1	St. Obj.	1	11235	034821
Grady MemorialΔ	J. D. Martin	653	24,819	866	321,597	195,508	...	5400	P	7	Rot. <sup>2</sup>	7	11313	034901
	J. D. Thompson									12	Rot. <sup>3</sup>	12	11315	034906
	R. W. Blumberg									9	Rot. <sup>4</sup>	9	11314	034911
										2	Rot. <sup>5</sup>	2	11386	034916
	H. S. Weens									2	Rot. <sup>7</sup>	2	11342	034921
	J. E. Steinhaus									2	Rot. <sup>8</sup>	2	11377	034926
	J. W. Hurst									18	St. Med.	18	11332	034931
	J. D. Martin, Jr.									12	St. Surg.	12	11333	034936
	R. W. Blumberg									6	St. Ped.	6	11334	034941
										2	St. Path.	2	11336	034946
Piedmont		271	13,366	293	5,566	16,240	22,852	6000	P	4	Rot. <sup>0</sup>	4	11411	035040
										3	Rot. <sup>1</sup>	3	11412	035045
										3	Rot. <sup>2</sup>	3	11413	035050
St. Joseph's Infirmary	Pat C. Shea, Jr.	253	11,605	307	7,052	5,959	1,573	5940	P*	2	Rot. <sup>0</sup>	2	11511	035150
										2	Rot. <sup>3</sup>	2	11513	035155
										1	Rot. <sup>3</sup>	1	11515	035160
										1	St. Med.	1	11532	035165
										2	St. Surg.	2	11533	035170
										1	St. Path.	1	11536	035175
<b>Augusta</b>														
Eugene Talmadge Memorial	W. A. Scoggin	373	9,380	280	...	...	47,424	4200	P	4	Rot. <sup>3</sup>	4	98515	035360
	W. H. Chew									12	Rot. <sup>8</sup>	12	98520	035365
	A. J. Bollet									10	St. Med.	10	98532	035370
	W. H. Moretz									4	St. Surg.	4	98533	035375
	G. H. Holman									4	St. Ped.	4	98534	035380
	L. D. Stoddard									4	St. Path.	4	98536	035385
University	V. A. Moore	377	17,126	576	19,797	31,607	...	6300	P	18	Rot. <sup>9</sup>	18	11620	035400

APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM P	NIRMP Code	
<b>GEORGIA—Continued</b>												
<b>Columbus</b>												
Medical Center	Mc L. Patterson	450	17,500	564	26,727	44,709	...	7200	F	16	Rot. <sup>9</sup>	16 11811 035600
<b>Macon</b>												
Macon	C. T. Rumble	422	22,578	584	40,440	30,682	...	7200	F	24	Rot. <sup>9,10</sup>	.. 035840
<b>Rome</b>												
Floyd	J. H. Smith	240	15,521	378	8,746	34,931	7,824	8400	P	9	Rot. <sup>9</sup>	9 99211 036000
<b>Savannah</b>												
Memorial Medical Center	D. B. Cox	204	9,791	431	40,860	23,285	64,145	4500	F	15	Rot. <sup>9</sup>	15 97111 036210
										3	Rot. <sup>2</sup>	3 97113 036215
<b>HAWAII—HOSPITALS, 4; INTERNSHIPS, 44</b>												
<b>Honolulu</b>												
Kauaikeolani Children's	H. C. Shirkey	44	3,457	27	11,461	5,025	...	7200	O	3	Rot. <sup>4</sup>	3 72414 036500
Kuakini Hospital and Home	E. Y. Yamada	179	7,845	279	17,391	11,814	11,062	7200	P	12	Rot. <sup>2</sup>	12 80713 036600
Queen'sΔ	D. R. Bassett	351	17,281	553	41,872	22,027	...	7200	O	9	Rot. <sup>1</sup>	9 80812 036700
	V. C. Waite									8	St. Surg.	8 80833 036750
St. FrancisΔ	H. C. Fong	205	10,003	280	25,505	8,974	49,796	7200	O	12	Rot. <sup>9</sup>	12 80911 036800
<b>ILLINOIS—HOSPITALS, 40; INTERNSHIPS, 877</b>												
<b>Berwyn</b>												
Mac Neal Memorial	J. M. Schless	363	14,811	627	7,905	24,027	58,951	9300	FPO*	20	Rot. <sup>0,1,2,3,6</sup>	20 12120 037100
<b>Chicago</b>												
Augustana	T. B. Longabaugh	267	9,295	367	2,100	5,534	5,474	7200	P	12	Rot. <sup>0,1,2,3,4,7,8</sup>	12 12420 037300
Chicago Medical School Affiliated Hospitals												
Mount Sinai Hospital Medical Center of ChicagoΔ	J. Whitehill	324	11,222	399	54,613	18,467	1,641	5750		8	Rot. <sup>9</sup>	8 14411 037330
	J. Whitehill									2	Rot. <sup>2</sup>	2 14413 037335
	A. Rubenstone									5	St. Med.	5 14432 037345
	P. Freedman									92	St. Surg.	92 14433 037350
	J. Whitehill									1	St. Path.	1 14436 037360
	A. Grossman									26	Rot. <sup>2</sup>	26 12613 037400
	A. Rubenstone											
Columbus - Cuneo Medical Center	J. R. Nora	...	...	...	...	...	...	6600	P			
Columbus		359	10,375	463	13,850	948	27,578	...				
Frank Cuneo		122	2,544	128	936	1,017	1,873	...				
Cook CountyΔ	Comm. On Med. Educ.	1,938	76,791	4,270	256,511	403,787	...	7500		2	Rot. <sup>0,1,2,3,4</sup>	2 12720 037710
										2	Rot. <sup>5</sup>	2 12786 037715
										2	Rot. <sup>6</sup>	2 12776 037720
										2	Rot. <sup>7</sup>	2 12742 037725
										2	Rot. <sup>8</sup>	2 12777 037730
										16	St. Med.	16 12732 037735
										20	St. Surg.	20 12733 037740
										8	St. Ped.	8 12734 037745
										3	St. Path.	3 12736 037750
										2	Rot. <sup>1</sup>	2 12812 038110
										18	Rot. <sup>2</sup>	18 12813 038115
										2	Rot. <sup>3</sup>	2 12815 038120
										2	Rot. <sup>4</sup>	2 12814 038125
										17	Rot. <sup>0,1,2</sup>	17 13220 038140
										18	Rot. <sup>0</sup>	18 13411 038200
										13	Rot. <sup>2</sup>	13 13613 038210
										33	Rot. <sup>0,1,2</sup>	33 13720 038220
										3	Rot. <sup>0</sup>	3 84611 038230
										3	Rot. <sup>1</sup>	3 84612 038235
										2	Rot. <sup>2</sup>	2 84613 038240
										1	Rot. <sup>3</sup>	1 84615 038245
										1	Rot. <sup>4</sup>	1 84614 038250
										1	Rot. <sup>5</sup>	1 84686 038255
										1	Rot. <sup>7</sup>	1 84642 038260
										9	Rot. <sup>0,1,2,3,4,5,7</sup>	9 14120 038276
										2	St. Med.	2 14132 038281
										2	St. Surg.	2 14133 038286
										2	St. Path.	2 14136 038291
<b>Michael Reese Hospital and Medical Center</b>												
	E. Reiss	848	25,601	964	125,023	51,104	...	5200	P	18	Rot. <sup>1</sup>	18 14212 038310
	G. Peskin									8	Rot. <sup>2</sup>	8 14213 038315
	J. Metcuff									3	Rot. <sup>4</sup>	3 14214 038320
	E. Reiss									18	St. Med.	18 14232 038325
	G. Peskin									2	St. Surg.	2 14233 038330
	J. Metcuff									5	St. Ped.	5 14234 038335
	C. Pirani									2	St. Path.	2 14236 038340
<b>Mount Sinai Medical Center of Chicago - See Chicago Medical School Affiliated Hospitals</b>												
<b>Northwestern University Medical Center</b>												
Chicago Wesley MemorialΔ	J. R. Suker	596	18,041	533	10,156	21,890	25,017	5000	P	20	Rot. <sup>1</sup>	20 16212 038860
										6	Rot. <sup>2</sup>	6 16213 038865
										6	St. Med.	6 16232 038870
										6	St. Path.	6 16236 038875
										8	St. Ped.	8 84234 038960
<b>Children's Memorial</b>												
Evanston (Evanston)	R. B. Lawson	182	8,260	216	74,059	18,994	6,680	5000	P*			
	J. P. Fotopoulos	424	16,934	441	13,547	23,836	27,301	5000		22	Rot. <sup>2</sup>	22 16713 039025
										16	St. Med.	16 16732 039030
										3	St. Path.	3 16736 039035
										19	Rot. <sup>1,2,3,5</sup>	19 14620 039110
										8	St. Med.	8 14632 039115
										12	Rot. <sup>2</sup>	12 14513 039250
<b>Norwegian - American</b>												
Presbyterian - St. Luke's	J. S. Graettinger	167	6,222	224	1,067	3,132	4,267	6000		20	St. Med.	20 14732 039310
	O. C. Julian	736	23,781	834	93,211	21,282	15,086	5500	P	16	St. Surg.	16 14733 039315
	J. R. Christian									4	St. Ped.	4 14734 039320
	G. M. Hass									2	St. Path.	2 14736 039325

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRM	NIRM Code
<b>ILLINOIS, Chicago—Continued</b>												
Ravenswood	H. L. Browns	234	9,553	358	2,960	8,108	5,165	7500	P	12	Rot. <sup>0,1,2,3</sup>	12 14920 039460
Resurrection	F. J. Healey	219	9,525	299	...	12,586	47,355	6000	F*	12	Rot. <sup>0,1,2</sup>	12 93720 039500
St. Anne's	A. Francona	350	12,383	582	7,912	14,077	27,593	6000	O	18	Rot. <sup>2</sup>	18 15213 039600
St. Elizabeth's	L. G. Khedroo	254	10,345	421	3,879	8,841	17,551	6000	FO*	12	Rot. <sup>0</sup>	12 15311 039700
St. Joseph	R. W. Zalar	446	14,982	464	7,245	7,095	7,002	6000	F*	24	Rot. <sup>0,1,2,3,4,6</sup>	24 15520 039800
	J. Kraft									1	St. Path.	1 15536 039850
St. Mary of Nazareth	A. R. Sapienza	251	8,790	444	14,841	7,148	...	7200	F	20	Rot. <sup>0,1,2</sup>	20 15420 039875
South Chicago Community	L. H. Davis	293	11,651	387	1,496	9,228	16,302	6000	F	12	Rot. <sup>0,1,2</sup>	12 15820 039900
Swedish Covenant	J. H. Erickson	198	6,781	318	11,257	11,282	37,490	6000	F	12	Rot. <sup>0,1,2</sup>	12 15920 040000
University of Chicago Hospitals and Clinics	R. D. Moseley	503	17,259	570	158,697	31,789	...	5500	O	2	Rot. <sup>7</sup>	2 16042 040105
	H. H. Hecht									22	St. Med.	22 16032 040110
	R. Menguy									15	St. Surg.	15 16033 040115
	A. Dorfman									7	St. Ped.	7 16034 040120
	R. W. Wissler									3	St. Path.	3 16036 040125
	F. P. Zuspan									4	St. Obj.	4 16035 040130
	D. J. Caseley									24	St. Med.	24 15032 040360
University of Illinois Affiliated Hospitals		...	...	...	...	...	...	...	...			
University of Illinois Research and Educational Hospitals		420	11,774	372	179,980	30,454	...	5040	P			.. ..
Veterans Admin. (West Side)		488	6,623	427	140,225	...	...	5400	O			.. ..
University of Illinois Research and Educational Hospitals	L. M. Nyhus	420	11,774	372	179,980	30,454	...	5040		14	St. Surg.	14 15033 040381
	I. Schulman									6	St. Ped.	6 15034 040386
	C. A. Krakower									4	St. Path.	4 15036 040391
<b>Decatur</b>												
Decatur and Macon County	R. B. Olstad	289	13,199	277	988	16,225	40,887	7800	P	9	Rot. <sup>0</sup>	9 85711 040400
<b>Evanston</b>												
Evanston - See Northwestern University Medical Center, Chicago												
St. Francis	J. H. Mason	409	14,783	575	34,084	15,445	51,196	6000		14	Rot. <sup>0</sup>	14 16811 040760
										3	Rot. <sup>1</sup>	3 16812 040765
										3	Rot. <sup>2</sup>	3 16813 040770
<b>Evergreen Park</b>												
Little Company of Mary		498	19,236	643	4,496	27,573	150,241	6000	P	18	Rot. <sup>0</sup>	18 16911 040910
										2	Rot. <sup>2</sup>	2 16913 040915
										2	Rot. <sup>5</sup>	2 16986 040920
										2	Rot. <sup>7</sup>	2 16942 040925
<b>Hines</b>												
Loyola University	F. H. Katz	...	...	...	...	...	...	6000	P	18	Rot. <sup>1,2,3,4,6</sup>	18 17020 041070
<b>Hinsdale</b>												
Hinsdale Sanitarium and Hospital	C. L. Dale	280	11,650	394	1,728	12,946	47,248	4740	P	14	Rot. <sup>0,2,4</sup>	14 99320 041100
<b>Oak Lawn</b>												
Christ Community	M. M. Wasick	374	15,206	526	5,347	26,030	55,318	6000	F	26	Rot. <sup>00,2</sup>	26 13120 041300
<b>Oak Park</b>												
West Suburban	R. C. Muehrcke	321	13,503	455	2,763	12,522	61,995	6600	O*	16	Rot. <sup>0,1,2</sup>	16 17320 041511
										2	Rot. <sup>3</sup>	2 17315 041516
										1	Rot. <sup>4</sup>	1 17314 041521
										2	Rot. <sup>7</sup>	2 17342 041526
										1	Rot. <sup>8</sup>	1 17377 041531
<b>Park Ridge</b>												
Lutheran General	A. N. Ruggie	456	15,957	509	12,741	22,400	...	6000	F	25	Rot. <sup>0</sup>	25 17611 041590
<b>Peoria</b>												
St. Francis	N. K. Furlong	584	22,088	621	9,345	29,744	39,999	6000	F*	24	Rot. <sup>0,1,2,3,4</sup>	24 17520 041710
										1	Rot. <sup>5</sup>	1 17586 041715
										1	Rot. <sup>6</sup>	1 17576 041720
										1	Rot. <sup>7</sup>	1 17542 041725
										1	Rot. <sup>8</sup>	1 17577 041730
<b>Rockford</b>												
Rockford Memorial	M. O. Alexander	235	12,771	362	3,052	25,937	58,840	3600	F	12	Rot. <sup>0,1,2,3,4</sup>	12 17720 041960
										1	St. Path.	1 17736 041965
<b>INDIANA—HOSPITALS, 13; INTERNSHIPS, 217</b>												
<b>Evansville</b>												
St. Mary's	D. M. Hare	329	13,667	369	1,161	15,887	12,623	6900	P	6	Rot. <sup>0</sup>	6 94111 042200
<b>Fort Wayne</b>												
Fort Wayne Medical Education Program	F. A. Bryan	...	...	...	...	...	...	6000	FP	30	Rot. <sup>00,0</sup>	30 17820 042350
Lutheran Hospital of Fort Wayne		404	14,069	529	2,041	14,389	42,441	4800	FP			.. ..
Parkview Memorial		484	16,132	502	...	...	...	...				.. ..
St. Joseph's Hospital of Fort Wayne		317	11,191	304	52,855	14,341	...	...				.. ..
<b>Gary</b>												
Methodist Hospital of Gary	H. L. Cohen	288	15,361	522	1,870	12,837	23,761	6600	P	08	Rot. <sup>0</sup>	8 17411 042600
<b>Indianapolis</b>												
Indiana University Hospitals	J. Hickam	407	12,624	532	76,114	14,467	...	4400	P	24	St. Med.	24 18732 042810
	H. B. Shumacher									20	St. Surg.	20 18733 042815
	M. Green									6	St. Ped.	6 18734 042820
	F. Vellios									7	St. Path.	7 18736 042825
Marion County General	J. W. Hickman	572	12,448	831	125,024	48,962	...	5449	P	35	Rot. <sup>0,00</sup>	35 18620 042960
Methodist Hospital of Indiana	J. H. Hall	708	26,571	984	30,661	44,332	34,974	5280	P	20	Rot. <sup>0</sup>	20 18811 043010
	L. Kammen									4	Rot. <sup>00</sup>	4 18820 043015
	W. Gambill									2	St. Med.	2 18832 043020
	D. Schlegel									2	St. Surg.	2 18833 043025
	G. Rosenberg									3	St. Ped.	3 18834 043030
	L. Hoyt									2	St. Path.	2 18836 043035
St. Vincent's	E. F. Steinmetz	278	12,835	368	5,021	9,999	26,100	5595	P	10	Rot. <sup>0</sup>	10 18911 043260
	L. N. Foster									1	St. Path.	1 18936 043265
<b>Muncie</b>												
Ball Memorial	L. J. Lawson	431	16,450	549	...	20,089	50,370	5400	P	12	Rot. <sup>0</sup>	12 19211 043300
<b>South Bend</b>												
Memorial Hospital of South Bend	D. T. Olson	338	13,489	534	3,124	22,647	26,781	4800	F	12	Rot. <sup>0</sup>	12 19311 043500
St. Joseph's	R. L. Devetski	299	11,883	428	2,361	23,934	15,945	6600	P	10	Rot. <sup>0</sup>	10 19411 043600
South Bend Medical Foundation Hospitals	J. R. Bennett	931	39,973	1,463	5,620	69,724	79,720	6600	O	3	St. Path.	3 17136 043700

APPROVED INTERNSHIPS

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<b>IOWA-HOSPITALS, 7; INTERNSHIPS, 128</b>													
<b>Cedar Rapids</b>													
Cedar Rapids Internship Program	F. R. Peterson	...	...	...	...	...	...	6000	F	3 Rot. <sup>00</sup>	3	19620	044010
Mercy		234	11,910	306	4,605	25,779	10,226	...	F	20 Rot. <sup>0</sup>	20	19611	044015
St. Luke's Methodist		332	15,769	366	6,169	20,558	32,506	...	F	...	...	...	...
<b>Des Moines</b>													
Broadlawn Polk County	E. R. Posner	109	5,600	167	20,078	36,682	...	5100	F	12 Rot. <sup>0,10</sup>	12	19920	044440
Iowa Lutheran	C. H. Johnston	327	11,204	283	...	9,252	23,343	6000	P	14 Rot. <sup>0</sup>	14	20011	044500
Iowa Methodist	L. F. Staples	470	18,228	495	...	23,895	4,320	6000	F	11 Rot. <sup>0,1,2,4,6</sup>	11	20120	044600
Mercy	H. G. Ellis	324	15,048	363	13,244	10,383	5,726	6000	F	2 St. Ped.	2	20134	044650
	J. Song								F	14 Rot. <sup>0,1,2,3,4,5,7,8</sup>	14	20220	044700
									F	2 St. Path.	2	20236	044750
<b>Iowa City</b>													
University of Iowa Hospitals	W. B. Bean	889	31,383	702	214,972	4,300	...	4500	P	6 Rot. <sup>1</sup>	6	20312	044910
	R. T. Tidrick								P	6 Rot. <sup>2</sup>	6	20313	044915
	W. C. Keettel								P	6 Rot. <sup>3</sup>	6	20315	044920
	D. Dunphy								P	2 Rot. <sup>4</sup>	2	20314	044925
	W. B. Bean								P	15 St. Med.	15	20332	044930
	R. T. Tidrick								P	6 St. Surg.	6	20333	044935
	D. Dunphy								P	6 St. Ped.	6	20334	044940
	E. D. Warner								P	3 St. Path.	3	20336	044945
<b>KANSAS-HOSPITALS, 5; INTERNSHIPS, 90</b>													
<b>Kansas City</b>													
Bethany	R. R. Morffi	186	9,034	301	151	12,627	10,639	6420	P	8 Rot. <sup>0</sup>	8	20511	045200
University of Kansas Medical Center	J. D. Walker	403	16,107	438	165,879	14,560	13,863	6000	P	9 Rot. <sup>0</sup>	9	20820	045310
									P	9 St. Med.	9	20832	045315
									P	4 St. Surg.	4	20833	045320
									P	4 St. Ped.	4	20834	045325
									P	4 St. Path.	4	20836	045330
<b>Wichita</b>													
St. Francis	J. H. Holt	688	26,203	766	3,995	26,127	40,608	6300	FP*	20 Rot. <sup>0</sup>	20	20920	045565
									FP*	1 St. Med.	1	20932	045570
									FP*	1 St. Surg.	1	20933	045575
St. Joseph Hospital and Rehabilitation Center	L. W. Purinton	305	14,977	263	1,081	21,905	18,330	6300	P	10 Rot. <sup>0</sup>	10	21111	045600
Wesley Medical Center	W. C. Goodpasture	502	21,922	480	6,661	26,006	54,619	6300	F	20 Rot. <sup>0</sup>	20	21020	045700
<b>KENTUCKY-HOSPITALS, 9; INTERNSHIPS, 121</b>													
<b>Lexington</b>													
University of Kentucky Medical Center	W. W. Winternitz	...	...	...	...	...	...	3960	P	18 Rot. <sup>0</sup>	18	84820	046310
	H. Isbell								P	12 St. Med.	12	84832	046315
	W. O. Griffin								P	14 St. Surg.	14	84833	046320
	W. Wheeler								P	5 St. Ped.	5	84834	046325
	W. B. Stewart								P	2 St. Path.	2	84836	046330
University		267	9,512	358	46,779	15,734	15,228	...	P	...	...	...	...
St. Joseph		260	13,056	267	15,921	13,937	...	...	P	...	...	...	...
Veterans Admin.		1,011	3,632	170	15,935	...	...	...	P	...	...	...	...
<b>Louisville</b>													
John N. Norton Memorial Infirmary	H. S. Collier	285	11,488	270	793	6,288	5,994	5400	FP*	6 Rot. <sup>2</sup>	6	21813	046800
St. Joseph Infirmary	R. D. Wolfe	444	21,464	603	13,516	25,098	11,110	5580	P	18 Rot. <sup>0</sup>	18	22011	047060
									P	1 Rot. <sup>1</sup>	1	22012	047065
									P	2 Rot. <sup>2</sup>	2	22013	047070
									P	1 Rot. <sup>3</sup>	1	22015	047075
									P	2 Rot. <sup>4</sup>	2	22014	047080
University of Louisville Affiliated Hospitals	S. H. Cheng	...	...	...	...	...	...	4900	P	14 Rot. <sup>0</sup>	14	21711	047102
	B. T. Towery								P	8 St. Med.	8	21732	047107
	P. J. Noer								P	8 St. Surg.	8	21733	047112
	W. M. Edwards								P	8 St. Ped.	8	21734	047117
	W. Christopherson								P	2 St. Path.	2	21736	047122
Children's		111	6,772	122	17,512	14,142	3,568	...	P	...	...	...	...
Jewish		237	12,270	331	1,289	6,021	19,191	...	P	...	...	...	...
Louisville General		271	11,744	592	82,139	70,485	...	...	P	...	...	...	...
Veterans Admin.		412	6,406	422	21,212	...	...	...	P	...	...	...	...
<b>LOUISIANA-HOSPITALS, 8; INTERNSHIPS, 192</b>													
<b>Lafayette</b>													
Charity Hospital of Louisiana General Practice Program		...	...	...	...	...	...	...	...	...	...	...	...
Lafayette Charity - See Charity Hospital of Louisiana, L.S.U. Unit, New Orleans, La.		...	...	...	...	...	...	...	...	...	...	...	...
<b>Lake Charles</b>													
Charity Hospital of Louisiana General Practice Program		...	...	...	...	...	...	...	...	...	...	...	...
Lake Charles Charity - See Charity Hospital of Louisiana, L.S.U. Unit, New Orleans, La.		...	...	...	...	...	...	...	...	...	...	...	...
<b>New Orleans</b>													
Charity Hospital of Louisiana	C. Mary, Jr.	1,787	40,442	2,655	415,937	66,049	217,765	4200	F	46 Rot. <sup>0,10</sup>	46	22441	048005
Louisiana State University Div.	N. S. Gilbert	...	...	...	...	...	...	...	F	8 Rot. <sup>1</sup>	8	22452	048105
									F	4 Rot. <sup>2</sup>	4	22453	048110
									F	2 Rot. <sup>4</sup>	2	22454	048115
									F	2 Rot. <sup>5</sup>	2	22455	048120
									F	2 St. Med.	2	22456	048125
									F	4 St. Surg.	4	22442	048130
									F	6 St. Ped.	6	22443	048135
									F	1 St. Path.	1	22436	048140
Lafayette Charity (Lafayette)		183	8,512	365	62,029	38,450	...	...	F	...	...	...	...
Lake Charles Charity (Lake Charles)		82	3,133	64	21,420	11,294	15,707	...	F	...	...	...	...

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Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM	NIRMP Code	
<b>LOUISIANA, New Orleans—Continued</b>												
Charity Hospital of Louisiana	C. Mary, Jr.	1,787	40,442	2,655	415,937	66,049	217,765	4200	F	22	22411	048210
Tulane University Division	R. Sparks	...	...	...	...	...	...	...	F	8	22412	048320
									F	6	22413	048330
									F	4	22415	048335
									F	5	22414	048340
									F	1	22486	048345
									F	4	22432	048350
									F	10	22433	048355
									F	3	22434	048360
Ochsner Foundation	C. T. Ray	315	11,851	325	36,871	23,000	...	5500	O	8	96620	048420
									O	5	96632	048425
									O	3	96633	048430
Southern Baptist	J. H. Collins	361	19,639	522	3,898	15,592	...	5400	P	8	22811	048520
									P	4	22812	048525
									P	4	22813	048530
									P	4	22815	048535
									P	4	22814	048540
Touro Infirmary	S. Jacobs	516	18,892	691	33,762	20,357	25,074	5400	P	10	22911	048620
									P	4	22932	048625
									P	4	22933	048630
									P	2	22935	048635
<b>Pineville</b>												
Huey P. Long Charity - See Charity Hosp. of New Orleans-Tulane Univ. Unit, New Orleans												
<b>Shreveport</b>												
Confederate Memorial Medical Center	R. F. Brabham	476	22,805	766	130,356	8,582	...	4200	F	39	23211	049010
									F	1	23234	049015
<b>MAINE-HOSPITALS, 1; INTERNSHIPS, 12</b>												
<b>Portland</b>												
Maine Medical Center	M. S. Bacastow	332	14,042	557	30,209	31,031	41,138	5250	FP*	12	23620	049500
<b>MARYLAND-HOSPITALS, 19; INTERNSHIPS, 388</b>												
<b>Baltimore</b>												
Baltimore City Hospitals	J. Krevans	1,036	15,050	980	113,435	54,084	...	4500	O	4	23712	049810
	H. Harrison								O	3	23714	049815
	J. Krevans								O	16	23732	049820
	R. Steenburg								O	7	23733	049825
	H. Harrison								O	3	23734	049830
	A. Pollack								O	2	23736	049835
Bon Secours	J. E. Queen	193	9,097	236	19,330	26,149	4,648	6000	P	14	23820	050060
Church Home and Hospital	S. Kendros	255	9,213	311	17,830	16,461	...	6000	P	12	23911	050070
	S. Goldberg								P	4	23932	050075
	J. Zimmerman								P	2	23933	050080
Franklin Square	T. Crawford	130	4,997	166	8,805	7,325	262	4900	FP*	4	24011	050110
									FP*	4	24013	050115
									FP*	4	24015	050120
Greater Baltimore Medical Center	T. E. Prout	311	15,756	314	48,608	2,729	5,890	6500	P	8	24111	050220
									P	4	24113	050225
									P	4	24115	050230
									P	4	24132	050235
Johns Hopkins	A. M. Harvey	878	26,975	955	344,079	116,013	...	4500	P*	22	24232	050310
	P. A. Tumulty								P*	9	24238	050315
	G. D. Zuidema								P*	14	24233	050320
	R. E. Cooke								P*	13	24234	050325
	R. H. Heptinstall								P*	5	24236	050330
	A. C. Barnes								P*	3	24235	050335
Johns Hopkins Community Pediatric Program	M. Debuskey	...	...	...	...	...	...	4500	P*	6	22734	050560
Baltimore City Hospitals												
Greater Baltimore Medical Center												
Johns Hopkins												
Sinai Hospital of Baltimore												
Union Memorial												
Lutheran Hospital of Maryland	I. Freeman	182	7,266	311	11,968	22,324	280	6000	P	12	24312	050595
Maryland General	J. W. Barnaby	321	10,567	410	6,216	8,318	4,816	6000	P	4	24411	050620
									P	5	24412	050625
									P	3	24413	050630
									P	2	24415	050635
									P	2	24432	050640
									P	1	24433	050645
Mercy	J. A. Mead, Jr.	278	11,291	332	22,331	19,899	52,898	6000	FP	6	24532	050860
									FP	5	24533	050865
									FP	3	24534	050870
Provident	J. D. Carr	95	3,995	235	10,796	18,380	...	4800	F	6	24611	050890
St. Agnes	J. H. Tuohy	361	15,582	441	10,680	39,464	20,020	7500	P	12	24711	050900
St. Joseph	A. E. Cocco	292	11,565	350	14,405	33,540	8,424	6000	P	10	24811	050960
									P	5	24820	050965
Sinai Hospital of Baltimore	A. I. Mendeloff	417	18,194	562	131,598	63,183	17,479	4900	P	3	24911	051010
	A. I. Mendeloff								P	8	24912	051015
	A. M. Seligman								P	1	24913	051020
	E. Kaplan								P	2	24914	051025
	A. I. Mendeloff								P	6	24932	051030
	A. M. Seligman								P	3	24933	051035
	E. Kaplan								P	2	24934	051040
South Baltimore General		144	5,027	213	12,652	17,773	408	5700	F	16	25011	051100
Union Memorial	W. W. Wurzbacher	360	12,086	649	33,724	37,598	6,036	6500	P	7	25120	051210
	J. E. Howard								P	11	25132	051215
	J. Classen								P	7	25133	051220
	J. Wiswell								P	2	25211	051310
University of Maryland	J. Wiswell	475	14,722	693	130,355	48,288	...	5500	P	13	25232	051315
	R. Buxton								P	10	25233	051320
	M. Cornblath								P	6	25234	051325
	R. Schultz								P	2	25236	051330
	E. Middleton								P	2	25235	051335

Numerical and other references are listed on pages 120 and 121

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NLRMP	NLRMP Code			
<b>MARYLAND—Continued</b>														
<b>Bethesda</b>														
Suburban .....	W. O. Teichman .....	204	12,037	289	3,158	23,966	23,127	5820	O	6	Rot. <sup>2</sup>	6	25313	051580
<b>Cheverly</b>														
Prince George's General .....	E. J. Jensen .....	340	15,818	550	15,777	50,659	57,737	8000	O	18	Rot. <sup>0,1,2,3,5</sup>	18	90520	051700
<b>Takoma Park</b>														
Washington Sanitarium and Hospital .....	K. Cruze .....	239	10,567	313	7,360	19,001	38,147	4500	P	16	Rot. <sup>0,1,2,3</sup>	16	25420	051910
<b>MASSACHUSETTS—HOSPITALS, 26; INTERNSHIPS, 471</b>														
<b>Beverly</b>														
Beverly .....	F. G. Soule .....	188	7,389	249	5,901	8,593	8,144	6000	F	3	Rot. <sup>2</sup>	..	..	052410
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	Rot. <sup>3</sup>	..	..	052415
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	Rot. <sup>4</sup>	..	..	052420
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	Rot. <sup>7</sup>	..	..	052425
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	Rot. <sup>8</sup>	..	..	052430
<b>Boston</b>														
Beth Israel .....	H. H. Hiatt .....	295	12,058	373	65,206	20,238	2,774	6000	O	14	St. Med.	14	25632	052610
.....	W. Silen .....	.....	.....	.....	.....	.....	.....	.....	.....	10	St. Surg.	10	25633	052615
.....	D. Freiman .....	.....	.....	.....	.....	.....	.....	.....	.....	1	St. Path.	1	25636	052620
Boston City .....	.....	801	27,127	1,047	331,260	144,748	476,008	6000	O	.....	.....	.....	.....	.....
First and Third Medical Service (Tufts) .....	F. Biguria .....	.....	.....	.....	.....	.....	.....	.....	.....	16	St. Med.	16	25793	052710
2d and 4th Medical Services (Harvard) .....	M. Finland .....	.....	.....	.....	.....	.....	.....	.....	.....	16	St. Med.	16	25794	052715
5th and 6th Medical Service (Boston Univ.) .....	A. S. Relman .....	.....	.....	.....	.....	.....	.....	.....	.....	18	St. Med.	18	25795	052725
1st Surgical Service (Tufts) .....	R. Deterling, Jr. ....	.....	.....	.....	.....	.....	.....	.....	.....	6	St. Surg.	6	25796	052745
3d Surgical Service (Boston Univ.) .....	J. J. Byrne .....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Surg.	8	25798	052755
5th Surgical Service (Harvard) .....	W. Mc Dermott, Jr. ....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Surg.	8	25703	052765
Boston Univ. ....	H. M. Gezon .....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Ped.	8	25704	052785
Boston City Hospital .....	S. Robbins .....	.....	.....	.....	.....	.....	.....	.....	.....	2	St. Path.	2	25736	052795
Carney .....	F. L. Colpoys .....	306	11,177	474	22,460	31,912	46,891	6000	P	12	Rot. <sup>0,1,2</sup>	12	25820	052810
Children's Hospital Medical CenterΔ .....	C. A. Janeway .....	305	12,133	304	100,809	53,888	.....	6000	P	9	St. Ped.	9	25934	052900
.....	S. Farber .....	.....	.....	.....	.....	.....	.....	.....	.....	2	St. Path.	2	25936	052950
Massachusetts General .....	A. Leaf .....	1,016	26,851	1,445	226,206	62,541	.....	6000	O	16	St. Med.	16	26132	053020
.....	P. Russell .....	.....	.....	.....	.....	.....	.....	.....	.....	14	St. Surg.	14	26133	053025
.....	N. Talbot .....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Ped.	8	26134	053030
.....	B. Castleman .....	.....	.....	.....	.....	.....	.....	.....	.....	4	St. Path.	4	26136	053035
New England Deaconess .....	J. L. Tullis .....	328	10,444	387	22,134	.....	1,955	6000	O	4	Rot. <sup>1</sup>	4	26412	053100
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	St. Med.	6	26432	053150
New England Medical Center Hospitals	S. Proger .....	319	10,267	325	68,172	4,953	30,422	6000	O	10	St. Med.	10	26332	053220
.....	R. A. Deterling, Jr. ....	.....	.....	.....	.....	.....	.....	.....	.....	7	St. Surg.	7	26333	053225
.....	M. B. Kreidberg .....	.....	.....	.....	.....	.....	.....	.....	.....	7	St. Ped.	7	26334	053230
.....	H. E. Mac Mahon .....	.....	.....	.....	.....	.....	.....	.....	.....	2	St. Path.	2	26336	053235
Peter Bent BrighamΔ .....	G. W. Thorn .....	282	8,016	456	56,407	17,371	.....	6000	P	13	St. Med.	13	26532	053300
.....	F. D. Moore .....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Surg.	8	26533	053350
.....	G. J. Dammin .....	.....	.....	.....	.....	.....	.....	.....	.....	3	St. Path.	3	26536	053400
St. Elizabeth's Hospital of Boston .....	W. H. Garvin, Jr. ....	313	11,479	403	19,649	18,587	9,854	6000	P	4	Rot. <sup>0</sup>	4	26611	053420
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	Rot. <sup>1</sup>	6	26612	053425
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	St. Med.	6	26632	053430
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	St. Surg.	4	26633	053435
University .....	R. W. Wilkins .....	205	5,971	233	52,529	.....	20,876	6000	O	11	St. Med.	11	26232	053540
.....	R. H. Egdahl .....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Surg.	8	26233	053525
.....	I. Gore .....	.....	.....	.....	.....	.....	.....	.....	.....	1	St. Path.	1	26236	053530
Veterans Admin. (Jamaica Plain) .....	H. J. Zimmerman .....	795	10,749	695	40,227	3,215	.....	6000	O	20	St. Med.	20	27132	053620
<b>Cambridge</b>														
Cambridge CityΔ .....	E. Hellman .....	112	4,184	231	21,448	21,091	.....	6000	P	12	Rot. <sup>0</sup>	12	26811	053800
.....	I. Kline .....	.....	.....	.....	.....	.....	.....	.....	.....	1	St. Path.	1	26836	053850
Mount Auburn .....	D. Hurwitz .....	257	9,088	442	5,802	22,797	38,091	6000	O	10	Rot. <sup>1</sup>	10	26912	053900
.....	H. A. Bird .....	.....	.....	.....	.....	.....	.....	.....	.....	1	St. Path.	1	26936	053950
<b>Fall River</b>														
Union .....	J. C. Corrigan .....	245	9,610	326	3,443	12,233	19,957	5400	FP*	9	Rot. <sup>0</sup>	9	86411	054100
<b>Framingham</b>														
Framingham Union .....	C. G. Tedeschi .....	175	10,397	248	1,183	20,890	56,639	6000	P	8	Rot. <sup>0,1,2</sup>	8	81220	054300
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	St. Path.	1	81236	054350
<b>Lawrence</b>														
Lawrence General .....	J. H. Nicholson .....	262	10,053	356	2,276	19,053	5,863	4200	F*	6	Rot. <sup>0</sup>	6	27411	054500
<b>Lynn</b>														
Lynn .....	B. Appel .....	275	10,435	456	7,482	25,410	42,663	6000	FP	6	Rot. <sup>0,1,2,3,4,5,7</sup>	6	27820	054700
<b>Malden</b>														
Malden .....	J. L. Cafarella .....	244	10,145	321	1,553	16,337	7,880	6000	P	6	Rot. <sup>2</sup>	6	82713	054900
<b>Newton</b>														
Newton-Wellesley .....	N. S. Stearns .....	208	75,831	295	4,919	17,212	33,485	6000	FP	6	Rot. <sup>2</sup>	6	28013	055110
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	St. Med.	2	28032	055115
<b>Pittsfield</b>														
Berkshire Medical Center .....	G. L. Haidak .....	326	14,559	401	16,860	20,534	3,035	6200	FP*	14	Rot. <sup>0,1,2,3,4,6</sup>	14	28120	055300
Pittsfield General .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Luke's .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Salem</b>														
Salem .....	D. Dove .....	233	8,343	371	4,136	17,584	13,778	6000	F	12	Rot. <sup>0,1,2,3</sup>	12	28420	055702
<b>Springfield</b>														
Springfield .....	R. A. Grugan .....	433	14,266	561	10,381	22,792	15,986	6000	P	5	Rot. <sup>1</sup>	5	28612	055910
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	Rot. <sup>2</sup>	4	28613	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	Rot. <sup>3</sup>	1	28615	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	Rot. <sup>4</sup>	2	28614	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	St. Med.	6	28632	055915
<b>Waltham</b>														
Waltham .....	N. S. Stearns .....	182	8,318	291	1,371	20,385	23,164	5100	F	7	Rot. <sup>0</sup>	7	28811	056110
<b>Worcester</b>														
Memorial .....	P. J. Howard, Jr. ....	292	13,090	355	8,719	21,701	2,137	4800	F	14	Rot. <sup>0</sup>	14	28911	056300
St. Vincent .....	A. Shuster .....	565	16,710	563	4,650	21,439	23,383	6000	P	10	Rot. <sup>1,2,4</sup>	10	29020	056410
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	St. Med.	8	29032	056415
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	St. Surg.	3	29033	056420

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRM	NIRM Code
<b>MASSACHUSETTS—Continued</b>												
Worcester City	V. P. Di Domenico	382	12,695	582	10,509	36,902	22,005	4383	FP*	6 Rot. <sup>0</sup>	6	29111 056505
	W. F. Mac Donald									4 Rot. <sup>1</sup>	4	29112 056510
	J. A. Maroney									2 Rot. <sup>2</sup>	2	29113 056515
	J. J. Cohen									2 Rot. <sup>4</sup>	2	29114 056520
	W. F. Mac Gillivray									2 Rot. <sup>5</sup>	2	29186 056525
	J. A. Maroney									4 St. Surg.	4	29133 056530
<b>MICHIGAN-HOSPITALS, 38; INTERNSHIPS, 670</b>												
<b>Ann Arbor</b>												
St. Joseph Mercy	R. G. Lovell	464	20,225	499	5,785	29,714	76,879	7200	O	20 Rot. <sup>0,1,2,3,5</sup>	20	29220 056800
University of Michigan Affiliated Hospitals	W. D. Robinson	768	19,817	675	264,763	26,124		5000	O	28 St. Med.	28	29332 056910
	W. J. Oliver									12 St. Ped.	12	29334 056915
	A. J. French									2 St. Path.	2	29336 056920
University-Veterans Admin.-Wayne County General (Eloise)	C. G. Child, 3d									22 St. Surg.	22	29333 057350
		768	19,817	675	264,763	26,124		5000	O			
		362	5,092	267	15,156			4410	O			
		420	12,215	872	54,362	35,172		5852				
Wayne County General (Eloise)	J. R. Willson							5000	O	3 St. Obg.	3	29335 057500
		768	19,817	675	264,763	26,124		5000				
		420	12,215	872	54,362	35,172		5852				
		420	12,215	872	54,362	35,172		5852				
Wayne County General (Eloise)	B. A. Bercu									30 Rot. <sup>0</sup>	30	30611 057810
		416	19,482	492	2,792	30,916	19,889	5400	F	18 Rot. <sup>0</sup>	18	94611 058000
<b>Dearborn</b>												
Oakwood	E. W. Durham	416	19,482	492	2,792	30,916	19,889	5400	F	18 Rot. <sup>0</sup>	18	94611 058000
<b>Detroit</b>												
Children's Hospital of Michigan	P. V. Woolley	190	10,733	264	81,026	29,058		6300	P	6 St. Ped.	6	84334 058200
		595	18,518	1,044	225,168	132,712	18,518	6200	P	20 Rot. <sup>0,1,2</sup>	20	29520 058310
Detroit General (Formerly Receiving)	M. K. Denny									12 St. Med.	12	29532 058315
	R. J. Bing									9 St. Surg.	9	29533 058320
	R. F. Wilson									20 Rot. <sup>0,2</sup>	20	29620 058419
	F. B. Walker									2 St. Path.	2	29636 058424
Detroit-Macomb Hospitals												
		272	9,715	326	21,213	3,793		6000				
		156	8,054	157		21,899		6000				
Detroit Memorial	W. P. Curtiss	155	6,469	265	3,078	10,409		560	P*	10 Rot. <sup>0</sup>	10	29711 058500
South Macomb (Warren)	T. B. Coles, Jr.	738	26,392	1,023	26,075	14,063	10,954	5160	FP*	30 Rot. <sup>0,1,2,3,4,5,7</sup>	30	29820 058600
Evangelical Deaconess	K. L. Krabbenhoft	585	21,664	691	46,710	18,664	1,002	6000	FP*	26 Rot. <sup>0,1,2,3,4,5,7</sup>	26	29920 058700
Grace	W. S. Haubrick	936	28,870	1,266	775,416	55,694		6000	P	24 Rot. <sup>0</sup>	24	30020 058810
Harper	R. M. Smith, Jr.									6 St. Med.	6	30032 058815
Henry Ford	D. E. Szilazyi									4 St. Surg.	4	30033 058820
	R. H. High									2 St. Ped.	2	30034 058825
	Y. Morita	306	13,345	406	11,152	6,878	8,910	8400	P	12 Rot. <sup>0</sup>	12	30511 058920
	T. Evans									2 Rot. <sup>3</sup>	2	30515 058925
Hutzel	J. W. Moses	486	19,651	658	8,752	28,978	18,265	5700	P*	24 Rot. <sup>0</sup>	24	30211 059000
Mount Carmel Mercy	Med. Educ. Office	408	21,485	473	9,014	30,547	52,721	5280	FP	18 Rot. <sup>0,1,2,3,5,7,8</sup>	18	91520 059100
St. John	H. Shecter	241	8,767	260	6,318	15,332	5,202	5460	FP	9 Rot. <sup>0</sup>	9	30411 059200
St. Joseph Mercy	H. A. Ravin	364	14,708	422	43,121	17,454	83,301	6000	P	18 Rot. <sup>0,1,2,3,5,6,7,8</sup>	18	92620 059300
Sinai Hospital of Detroit												
<b>Eloise</b>												
Wayne County General - See University of Michigan Affiliated Hospitals, Ann Arbor, Michigan												
<b>Flint</b>												
Hurley	P. Schroeder	634	24,075	733	8,114	31,267	18,973	6000	F	25 Rot. <sup>0,1,2,3,4,5,7</sup>	20	30720 059700
Mc Laren General	R. A. Antell	296	14,337	287	2,261	23,777	9,332	7200	F	12 Rot. <sup>0,1,2</sup>	12	86620 059800
St. Joseph	F. D. Johnson	347	14,902	385	1,062	27,653	8,797	6000	F	14 Rot. <sup>0</sup>	14	30811 059900
<b>Grand Rapids</b>												
Blodgett Memorial	C. E. Booher	332	15,912	515	5,270	20,170	69,455	5400	F	16 Rot. <sup>0,1,2,3,4</sup>	16	30920 060100
	C. A. Payne									2 St. Path.	2	30936 060150
Butterworth	E. L. Moorhead, 2d	376	17,861	565	7,774	28,083	60,086	5400	F	20 Rot. <sup>0,1,2,3,4</sup>	20	31020 060200
St. Mary's	J. C. Peirce	296	13,857	460	8,094	26,896	69,252	6000	F	14 Rot. <sup>0,1,2,3,4,5</sup>	14	31120 060300
<b>Grosse Pointe</b>												
Bon Secours	R. C. Connelly	138	7,363	196	4,372	12,139	32,286	5400	F	10 Rot. <sup>0</sup>	10	90611 060500
<b>Highland Park</b>												
Highland Park General	J. Shapiro	239	9,120	330	5,614	23,437		6000	P	15 Rot. <sup>0</sup>	15	31211 060700
<b>Kalamazoo</b>												
Borgess	F. M. Steele	254	12,075	399	4,305	13,450	39,723	6000	F	10 Rot. <sup>0,9</sup>	10	31320 060900
Bronson Methodist	H. E. De Pree	285	11,983	405	10,573	19,827	31,077	6000	F	15 Rot. <sup>0,1,2,3,4</sup>	15	31420 061000
<b>Lansing</b>												
Edward W Sparrow	R. W. Pomeroy	360	16,620	440	2,568	23,027	18,893	9999	P	10 Rot. <sup>0</sup>	10	31511 061200
<b>Midland</b>												
Midland	R. E. Bowsher	170	8,918	178	1,808	10,991	24,164	5400	F	10 Rot. <sup>0,00</sup>	10	96120 061400
<b>Pontiac</b>												
Pontiac General	R. L. Tupper	378	19,418	402	5,312	43,006	63,697	6000	FP	20 Rot. <sup>0,1,2,3,4,5</sup>	20	31820 061800
St. Joseph Mercy	R. M. Cutler	299	14,086	352	7,824	27,031	19,400	7200	P	12 Rot. <sup>0</sup>	12	31920 061900
<b>Royal Oak</b>												
William Beaumont	I. J. Mader	536	25,680	654	5,223	42,334	6,033	8400	P	18 Rot. <sup>0,1,2,3,4,5,7,8</sup>	18	97820 062110
										3 St. Med.	3	97832 062115
										3 St. Surg.	3	97833 062120
										2 St. Obg.	2	97835 062125
<b>Saginaw</b>												
Saginaw Affiliated Hospitals	J. Young									26 Rot. <sup>0,00</sup>	26	32020 062250
		245	11,556	237	4,100	12,897	22,550	6000	F			
		202	9,084	221	1,786	17,675		6160	FP*			
		198	9,391	222	1,850	17,276	23,912		P			
<b>Southfield</b>												
Providence	M. C. Mc Quiggan	336	13,214	389	5,574	18,303	22,077	7200	FP	12 Rot. <sup>0,1,2</sup>	12	30320 062700
<b>Traverse City</b>												
James Decker Munson	L. P. Skendzel	202	8,577	240		8,208	30,945	7200	P	8 Rot. <sup>0</sup>	8	32320 062900
<b>Warren</b>												
South Macomb - See Detroit-Macomb Hospitals, Detroit												

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NLRMP	NLRMP Code	
<b>MINNESOTA-HOSPITALS, 17; INTERNSHIPS, 297</b>													
<b>Duluth</b>													
St. Luke'sΔ	V. G. Goldschmidt	351	12,592	460	1,664	15,424	37,027	4500	F	12 Rot. <sup>0</sup>	12	32411	063200
St. Mary's	D. M. Larson	386	13,199	374	...	14,686	12,253	4500	F	12 Rot. <sup>0</sup>	12	32511	063300
<b>Minneapolis</b>													
Hennepin County GeneralΔ	R. B. Raile	315	10,407	551	80,343	67,680	...	4800	FP*	48 Rot. <sup>0</sup>	48	32911	063500
Mount Sinai	F. B. Lewis	223	10,097	194	3,982	4,266	7,990	4500	P	8 Rot. <sup>1</sup>	8	86812	063600
Northwestern Hospital of Minneapolis	F. Lott	345	12,863	305	615	7,434	21,177	4000	F	6 Rot. <sup>0</sup>	6	33011	063710
	C. J. Watson	...	...	...	...	...	...	...	F	6 St. Med.	6	33032	063715
St. Barnabas - Swedish Hospitals	L. J. Hay	...	...	...	...	...	...	3720	F	24 Rot. <sup>0</sup>	24	33111	063800
St. Barnabas	...	221	11,060	213	1,695	7,731	17,281	...	...	...	...	...	...
Swedish	...	384	14,229	491	2,033	6,506	10,320	...	...	...	...	...	...
St. Mary's	W. F. Mazzitello	445	17,868	3851	7,004	13,170	14,149	5520	F	14 Rot. <sup>0</sup>	14	33211	064110
University of Minnesota HospitalsΔ	W. W. Spink	608	15,410	675	78,699	18,064	17,120	4800	O	14 St. Med.	13	33432	064215
	J. Najarian	...	...	...	...	...	...	...	...	16 St. Surg.	16	33433	064220
	J. A. Anderson	...	...	...	...	...	...	...	...	13 St. Ped.	12	33434	064225
Veterans Admin.	W. Hall	912	11,266	525	66,842	13,872	...	4410	O	12 St. Med.	12	33332	064310
<b>Rochester</b>													
Mayo Graduate School of Medicine	R. D. Pruitt	...	...	...	...	...	...	5200	P*	8 Rot. <sup>1</sup>	8	32812	064340
	...	...	...	...	...	...	...	...	...	6 Rot. <sup>2</sup>	6	32813	064345
	...	...	...	...	...	...	...	...	...	8 St. Med.	8	32832	064350
	...	...	...	...	...	...	...	...	...	6 St. Surg.	6	32833	064355
	...	...	...	...	...	...	...	...	...	4 St. Ped.	4	32834	064360
	...	...	...	...	...	...	...	...	...	2 St. Path.	2	32836	064365
Rochester Methodist	...	428	18,549	264	1,713	5,564	...	...	...	...	...	...	...
St. Mary's	...	738	24,192	700	...	20,506	2,070	...	...	...	...	...	...
<b>St. Paul</b>													
Bethesda Lutheran	O. O. Rollie	234	9,908	253	...	19,731	...	4800	F	10 Rot. <sup>0</sup>	10	33611	064500
Charles T. MillerΔ	M. E. Janssen	299	11,251	254	27,654	1,380	13,339	6000	P	12 Rot. <sup>0,1,2,3,4,7</sup>	12	33720	064610
	...	...	...	...	...	...	...	...	...	2 St. Path.	2	33736	064615
St. Joseph's	W. Henke	387	14,967	281	2,366	13,254	14,241	3600	FP*	12 Rot. <sup>1,2,7</sup>	12	33820	064700
St. Luke's	C. W. Hauser	245	9,713	258	34,320	8,688	3,564	3600	F	10 Rot. <sup>0,1,2</sup>	10	33920	064810
	...	...	...	...	...	...	...	...	...	2 Rot. <sup>4</sup>	2	33914	064815
St. Paul-Ramsey	J. F. Perry	415	10,648	507	121,459	45,256	...	4800	F	22 Rot. <sup>0</sup>	22	33511	064900
	...	...	...	...	...	...	...	...	...	8 Rot. <sup>1</sup>	8	33512	064950
	...	...	...	...	...	...	...	...	...	2 Rot. <sup>4</sup>	2	33514	...
<b>MISSISSIPPI-HOSPITALS, 2; INTERNSHIPS, 43</b>													
<b>Jackson</b>													
Mississippi Baptist	H. K. Stauss	297	14,647	353	763	17,165	7,911	6000	P	12 Rot. <sup>0</sup>	12	34011	065200
University	H. Timmis	276	11,490	354	64,717	25,473	...	4800	O	17 Rot. <sup>0,1,2,3,4</sup>	17	95720	065350
	B. B. Johnson	...	...	...	...	...	...	...	...	5 St. Med.	5	95732	065355
	J. D. Hardy	...	...	...	...	...	...	...	...	2 St. Surg.	2	95733	065360
	B. E. Batson	...	...	...	...	...	...	...	...	5 St. Ped.	5	95734	065365
	J. G. Brunson	...	...	...	...	...	...	...	...	1 St. Path.	1	95736	065370
	H. A. Thiede	...	...	...	...	...	...	...	...	2 St. Obg.	2	95735	065375
<b>MISSOURI-HOSPITALS, 19; INTERNSHIPS, 399</b>													
<b>Columbia</b>													
University of Missouri Medical Center	D. Ginder	352	9,859	343	71,406	6,992	...	4500	P	2 Rot. <sup>1</sup>	2	99412	065610
	D. Ginder	...	...	...	...	...	...	...	...	12 St. Med.	12	99432	065615
	M. S. De Weese	...	...	...	...	...	...	...	...	6 St. Surg.	6	99433	065620
	R. L. Jackson	...	...	...	...	...	...	...	...	5 St. Ped.	4	99434	065625
	F. V. Lucas	...	...	...	...	...	...	...	...	4 St. Path.	4	99436	065630
<b>Kansas City</b>													
Children's Mercy	N. W. Smull	82	3,647	66	86,153	4,481	...	3000	F	6 St. Ped.	6	98834	065875
Kansas City General Hospital and Medical Center	Intern Cordin. Comm.	341	11,015	589	119,513	26,426	...	5355	F	30 Rot. <sup>9</sup>	30	34320	065900
Menorah Medical Center	A. Freedman	300	10,789	305	2,575	5,823	9,765	6900	P	12 Rot. <sup>0,1,2,3,4,5,6,7</sup>	12	34520	066010
	A. Freedman	...	...	...	...	...	...	...	...	2 St. Med.	2	34532	066015
	F. Mantz	...	...	...	...	...	...	...	...	2 St. Path.	2	34536	066020
St. Luke's	Ralph R. Hall	402	16,884	544	25,379	11,604	11,604	5400	P*	20 Rot. <sup>0,1,2</sup>	20	34820	066150
Trinity Lutheran	J. H. Hill	186	6,463	259	...	8,773	5,276	5400	P*	8 Rot. <sup>2</sup>	8	35013	066200
<b>St. Louis</b>													
Barnes Hospital Group	W. Allen	861	30,515	730	137,131	18,492	2,246	4500	O	12 Rot. <sup>0</sup>	12	35311	066310
	C. Moore	...	...	...	...	...	...	...	...	12 St. Med. (Ward)	12	35332	066315
	C. Moore	...	...	...	...	...	...	...	...	20 St. Med. (Private)	20	35347	...
	W. Ballinger	...	...	...	...	...	...	...	...	12 St. Surg.	12	35333	066320
	P. Lacy	...	...	...	...	...	...	...	...	6 St. Path.	6	35336	066325
	W. Allen	...	...	...	...	...	...	...	...	2 St. Obg.	2	35335	066330
Deaconess	J. H. Woodbridge	342	11,588	424	28,070	17,257	40,518	5400	F	16 Rot. <sup>0,1,2</sup>	16	35620	066500
Homer G Phillips	E. N. Mitchell	412	16,234	704	91,288	106,344	...	4813	P	20 Rot. <sup>9</sup>	20	35720	066600
Jewish Hospital of St. Louis	S. Wessler	433	15,156	542	23,799	17,409	40,935	5400	P*	14 St. Med.	14	35832	066705
	A. E. Baue	...	...	...	...	...	...	...	...	7 St. Surg.	7	35833	066710
Lutheran	G. A. Koehler	365	14,813	500	20,404	22,502	13,520	5100	F	2 Rot. <sup>0</sup>	2	35911	066810
	...	...	...	...	...	...	...	...	...	2 Rot. <sup>1</sup>	2	35912	066815
	...	...	...	...	...	...	...	...	...	6 Rot. <sup>2</sup>	6	35913	066820
	...	...	...	...	...	...	...	...	...	2 Rot. <sup>3</sup>	2	35915	066825
	...	...	...	...	...	...	...	...	...	9 Rot. <sup>2</sup>	9	36013	066975
Missouri Baptist	F. J. Catanzaro	254	8,644	186	3,849	3,454	...	7800	*	18 Rot. <sup>0,1,2</sup>	18	36220	067000
St. John's Mercy	...	475	20,452	515	10,468	17,319	2,871	4800	F	10 St. Ped.	10	86934	067050
St. Louis Children's	P. R. Dodge	131	5,756	146	38,207	8,963	3,358	6000	O	10 Rot. <sup>0,1,2,3,4,5</sup>	10	36320	067075
St. Louis City	L. V. Mulligan	444	15,400	732	85,530	93,381	...	4812	O	8 St. Med. Unit 2	8	36394	067080
	W. R. Cole	...	...	...	...	...	...	...	...	4 St. Surg. Unit 1	4	36333	067085
	R. Maginn	...	...	...	...	...	...	...	...	4 St. Surg. Unit 2	4	36397	067090
	M. Davis	...	...	...	...	...	...	...	...	2 St. Ped. Unit 2	2	36334	067095
St. Louis County	D. M. Green	210	6,138	399	38,583	33,411	...	4800	F	10 Rot. <sup>2</sup>	10	34213	067150
St. Louis University Group of Hospitals	R. J. Dames	851	32,213	903	76,505	35,832	110,319	6000	O	10 Rot. <sup>0</sup>	10	36511	067210
	T. F. Frawley	...	...	...	...	...	...	...	...	4 Rot. <sup>1</sup>	4	36512	067215
	A. E. Mc Elfresh	...	...	...	...	...	...	...	...	2 Rot. <sup>4</sup>	2	36514	067220
	T. F. Frawley	...	...	...	...	...	...	...	...	12 St. Med.	12	36532	067225
	C. R. Hanlon	...	...	...	...	...	...	...	...	8 St. Surg.	8	36533	067230
	A. E. Mc Elfresh	...	...	...	...	...	...	...	...	8 St. Ped.	8	36534	067235
	F. R. Germuth	...	...	...	...	...	...	...	...	4 St. Path.	4	36536	067240
	D. Cavanagh	...	...	...	...	...	...	...	...	4 St. Obg.	4	36535	067245

## APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)		Authorized Complement	Type	Total Sought Through NLRMP	NLRMP Code	
<b>MISSOURI, St. Louis - Continued</b>														
St. Luke's	R. Paine	318	12,058	450	18,512	3,756	13,862	5400	F	12	Rot. <sup>0,1,2,3</sup>	12	36420	067252
	R. Paine										St. Med.	4	36432	067257
St. Mary's	J. A. Nuetzel	474	16,317	467	1,088	9,561	86,916	5400	F	16	Rot. <sup>9</sup>	16	99920	067280
	W. A. Knight, Jr.									8	St. Med.	8	99932	067285
<b>NEBRASKA-HOSPITALS, 9; INTERNSHIPS, 120</b>														
<b>Lincoln</b>														
Bryan Memorial $\Delta$	L. R. Lee	213	10,487	223	5,730	7,606	12,275	6000	F	10	Rot. <sup>0,1,2</sup>	10	36820	067400
Lincoln General	J. H. Chapman	133	6,589	202	2,073	3,385	851	6000	F	6	Rot. <sup>0</sup>	6	36911	067450
St. Elizabeth	F. Neumayer	186	8,541	293	615	9,451	15,690	6000	F	6	Rot. <sup>0,1</sup>	6	37020	067500
<b>Omaha</b>														
Childrens Memorial	T. R. Pfundt	62	5,156	23	581	8,572	1,425	6000	O	4	St. Ped.	4	81034	067650
Creighton Memorial St. Joseph's	M. J. Haller	492	14,210	482	13,716	10,923	...	5700	FP*	7	Rot. <sup>0</sup>	7	37211	067720
	R. Heaney									12	Rot. <sup>1</sup>	12	37212	067725
	E. Slowinski									2	Rot. <sup>3</sup>	2	37215	067730
	J. Mitchell									4	Rot. <sup>4</sup>	4	37214	067735
	J. Sisson									1	Rot. <sup>5</sup>	1	37286	067740
	F. Miller									6	St. Surg.	6	37233	067745
	J. Mitchell									2	St. Ped.	2	37234	067750
	J. Sisson									1	St. Path.	1	37236	067755
Immanuel	K. C. Hoffman	150	8,413	281	1,242	8,489	10,966	9600	P	10	Rot. <sup>0</sup>	10	37311	067775
Nebraska Methodist $\Delta$	J. R. Schenken	236	10,894	319	325	7,080	5,591	6000	P	12	Rot. <sup>2</sup>	12	37413	067800
										2	St. Path.	2	37436	067850
										8	St. Med.	8	37632	067875
										4	St. Ped.	4	37634	067880
										2	St. Path.	2	37636	067885
University of Nebraska	R. H. Messer	113	3,801	106	55,170	10,416	...	4600	P	20	Rot. <sup>0,1,2,3,4,5</sup>	20	37620	067890
University of Nebraska Affiliated Hospitals	R. H. Messer													
University of Nebraska		113	3,801	106	55,170	10,416	...	4600	P					
Bishop Clarkson Memorial		268	13,021	263	...	3,787	16,051	6000	O					
<b>NEW HAMPSHIRE-HOSPITALS, 1; INTERNSHIPS, 24</b>														
<b>Hanover</b>														
Mary Hitchcock Memorial $\Delta$	R. D. Baughman	246	8,810	290	89,000	7,835	...	5000	PO	16	Rot. <sup>0</sup>	16	37711	068010
										4	St. Med.	4	37732	068015
										4	St. Surg.	4	37733	068020
<b>NEW JERSEY-HOSPITALS, 41; INTERNSHIPS, 618</b>														
<b>Atlantic City</b>														
Atlantic City		319	11,814	796	13,637	29,993	12,000	4200	F	15	Rot. <sup>0,1,2,5,7</sup>	15	37820	068150
<b>Camden</b>														
Cooper $\Delta$	W. T. Snagg	552	21,435	638	33,882	26,619	310	5300	F	15	Rot. <sup>0,00,1,2,3,4</sup>	15	38020	068260
Our Lady of Lourdes $\Delta$	F. W. Floyd, Jr.	283	10,071	240	4,663	14,465	26,853	6300	FP*	10	Rot. <sup>9</sup>	10	93320	068305
West Jersey $\Delta$	J. C. Breme	288	11,801	389	9,678	17,182	...	7000	F	8	Rot. <sup>0</sup>	8	38111	068355
										2	Rot. <sup>1</sup>	2	38112	068360
										1	Rot. <sup>2</sup>	1	38113	068365
										1	Rot. <sup>3</sup>	1	38115	068370
<b>East Orange</b>														
East Orange General	D. Peysen	166	5,907	262	7,137	13,386	9,502	4200	F	8	Rot. <sup>0</sup>	8	38211	068520
New Jersey College of Medicine														
Affiliated Hospitals	F. P. Chinard							6800	O	30	St. Med.	30	53132	068530
Veterans Admin.		874	7,503	798	86,955	...	...	...						
Newark City (Newark)		537	19,781	1,194	41,957	74,327	...	...						
<b>Elizabeth</b>														
Elizabeth General Hospital and														
Dispensary	E. Kertis	263	10,208	463	9,245	13,762	10,026	5040	F	14	Rot. <sup>2</sup>	14	38413	068700
St. Elizabeth	E. Mac Donald	295	11,205	418	43,050	19,306	...	7500	F	12	Rot. <sup>0</sup>	12	38511	068755
	C. Ream									2	St. Med.	2	38532	068760
<b>Englewood</b>														
Englewood	C. Wierum	337	13,640	463	12,165	23,581	44,000	5160	FP	8	Rot. <sup>0,2</sup>	8	38620	068850
<b>Flemington</b>														
Hunterdon Medical Center	R. R. Henderson	100	5,369	199	...	8,596	52,288	3300	F	4	Rot. <sup>0,10</sup>	4	83820	069000
<b>Hackensack</b>														
Hackensack	W. Black	377	15,923	546	9,791	27,203	17,930	3600	F	16	Rot. <sup>0,1,2,3,4</sup>	16	38720	069200
<b>Hoboken</b>														
St. Mary's	M. R. Balsamo	275	8,869	...	17,262	12,635	3,475	4200	F*	15	Rot. <sup>9</sup>	15	38811	069260
<b>Jersey City</b>														
Christ	A. Gittlitz	306	10,646	471	4,651	9,060	1,998	6000	F	16	Rot. <sup>0</sup>	16	38911	069600
Jersey City Medical Center	A. I. Kahn	414	9,032	949	35,604	55,862	...	5900	O	8	Rot. <sup>0</sup>	8	39011	069720
										7	Rot. <sup>1</sup>	7	39012	069725
										6	Rot. <sup>2</sup>	6	39013	069730
										2	Rot. <sup>3</sup>	2	39015	069735
										2	Rot. <sup>4</sup>	2	39014	069740
										8	St. Med.	8	39032	069745
										6	St. Surg.	6	39033	069750
										4	St. Ped.	4	39034	069755
										12	Rot. <sup>0</sup>	12	39111	069800
<b>Livingston</b>														
St. Barnabas Medical Center	A. H. Islami	419	17,134	455	4,720	8,156	3,497	4800	F	16	Rot. <sup>0</sup>	16	39611	070000
<b>Long Branch</b>														
Monmouth Medical Center	W. S. Vaun	413	14,697	563	18,164	23,167	16,363	5200	P*	16	Rot. <sup>0</sup>	16	39211	070200
	L. Barnett									1	St. Surg.	1	39233	070250
<b>Montclair</b>														
Mountainside	E. T. Anderson	302	11,870	529	15,586	15,586	39,288	4500	F	15	Rot. <sup>0,1,2</sup>	15	39320	070400
<b>Morristown</b>														
Morristown Memorial	A. J. Zangara	322	15,858	400	10,793	29,983	119,392	5500	F	12	Rot. <sup>9</sup>	12	39420	070600
<b>Mount Holly</b>														
Burlington County Memorial	J. Stokes, Jr.	188	7,438	346	10,770	23,858	48,378	4800	F*	8	Rot. <sup>0</sup>	8	38311	070800
<b>Neptune</b>														
Jersey Shore Medical Center-Fitkin	A. F. Verga	313	14,108	583	15,272	20,385	3,239	4800	F*	10	Rot. <sup>0</sup>	10	39511	071005
										1	Rot. <sup>1</sup>	1	39512	071010
										1	Rot. <sup>2</sup>	1	39513	071015
										1	Rot. <sup>3</sup>	1	39515	071020
										1	Rot. <sup>4</sup>	1	39514	071025

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<b>NEW JERSEY - Continued</b>												
<b>Newark</b>												
Martland Hospital Unit - See Newark City Hospital												
Newark Beth Israel	S. Parent	370	13,702	473	26,157	24,588	12,127	4700	F	15 Rot. <sup>1</sup>	15 39712 071270	
Newark City - See Also New Jersey College of Med. Affiliated Hospitals, East Orange												
Newark City (Now Martland Hospital Unit)	A. Maron	537	19,781	1,194	41,957	74,327	...	5200	18 Rot. <sup>0,1,2,3,4</sup>	18 39820 071320		
									10 St. Surg.	10 39833 071325		
									6 St. Ped.	6 39834 071330		
									5 St. Obg.	5 39835 071335		
									16 Rot. <sup>0</sup>	16 39920 071400		
									4 St. Med.	4 39932 071450		
St. Michael	L. G. Smith	320	11,495	415	22,285	18,854	2,613	4200	FP*			
United Hospitals of Newark - Presbyterian	J. J. Mc Guire	250	8,061	412	5,968	4,332	15,598	4500	P	10 Rot. <sup>0</sup>	10 87211 071500	
<b>New Brunswick</b>												
Middlesex General	S. E. Moolten	221	9,740	366	9,912	15,582	17,074	4800	P	10 Rot. <sup>0,1,2</sup>	10 97920 071700	
	G. Pickar									1 St. Med.	1 97932 071750	
	P. Kindermann									1 St. Surg.	1 97933 071800	
St. Peter's General	G. J. Aitken, Jr.	292	14,843	478	15,279	20,278	18,688	4260	F	4 Rot. <sup>0</sup>	4 40011 071820	
	C. W. Gurney									6 Rot. <sup>1</sup>	6 40012 071825	
	R. W. Powers									2 Rot. <sup>2</sup>	2 40013 071830	
	A. J. Barbano									2 Rot. <sup>3</sup>	2 40015 071835	
	L. Krafchik									2 Rot. <sup>4</sup>	2 40014 071840	
<b>Orange</b>												
Orange Memorial	F. X. Mc Ginn	261	8,562	423	30,581	23,395	31,248	4200	FP*	6 Rot. <sup>0</sup>	6 40111 072010	
										2 Rot. <sup>1</sup>	2 40112 072015	
										2 Rot. <sup>2</sup>	2 40113 072020	
<b>Paramus</b>												
Bergen Pines County	G. G. Grodberg	751	5,544	765	30,080	2,654	...	4800	P*	16 Rot. <sup>1,2</sup>	16 90820 072200	
<b>Passaic</b>												
Passaic General	S. Siegendorf	265	10,527	444	5,914	13,044	21,524	4200	F*	8 Rot. <sup>0</sup>	8 40211 072400	
St. Mary's	J. V. Iraggi	203	9,171	326	4,050	6,743	28,973	4800	FP	8 Rot. <sup>0</sup>	8 40311 072500	
<b>Paterson</b>												
Paterson General	H. D. Shapiro	239	9,001	494	10,842	18,606	9,467	5100	F	12 Rot. <sup>0</sup>	12 40511 072700	
St. Joseph's	K. P. Lance	390	14,889	650	18,651	18,371	...	7344	O	12 Rot. <sup>0</sup>	12 40611 072810	
<b>Perth Amboy</b>												
Perth Amboy General	L. Homer	479	17,705	752	10,800	31,324	...	4200	F	24 Rot. <sup>0</sup>	24 87311 073000	
										1 St. Path.	1 87336 073005	
<b>Plainfield</b>												
Muhlenberg	P. K. Johnson	404	16,357	624	9,705	23,604	...	4500	FP	13 Rot. <sup>0,1,2,4,6</sup>	13 40720 073210	
										3 St. Med.	3 40732 073215	
										2 St. Ped.	2 40734 073220	
<b>Princeton</b>												
Princeton	E. O. Hirsch	158	7,528	191	2,574	10,038	2,954	4740	P	6 Rot. <sup>1,2</sup>	6 36620 073400	
<b>Somerville</b>												
Somerset	L. D. Troum	249	11,900	359	4,256	17,495	11,056	4500	F	12 Rot. <sup>0</sup>	12 93411 073600	
<b>Summit</b>												
Overlook	W. B. Nestler	377	14,801	459	3,054	15,634	2,436	5100	P	14 Rot. <sup>1,2,4</sup>	14 40820 073800	
<b>Teaneck</b>												
Holy Name	A. B. Boyle	265	11,501	400	2,839	18,555	30,665	5200	F	6 Rot. <sup>0</sup>	6 40911 073860	
<b>Trenton</b>												
Helene Fuld	A. J. Fessler	216	8,165	340	6,584	14,475	13,539	4800	F	9 Rot. <sup>0</sup>	9 41211 074000	
Mercer	A. J. Heisen	278	11,598	442	9,190	23,615	14,850	4200	F	12 Rot. <sup>0</sup>	12 41011 074100	
St. Francis	J. J. Fitzpatrick	399	16,208	681	15,720	23,919	22,981	4200	F*	8 Rot. <sup>0</sup>	8 41111 074210	
										4 Rot. <sup>1</sup>	4 41112 074215	
										4 St. Surg.	4 41133 074220	
<b>NEW MEXICO-HOSPITALS, 1; INTERNSHIPS, 24</b>												
<b>Albuquerque</b>												
University of New Mexico Affiliated Hospitals												
Bernalillo County Medical Center	B. G. Brogdon	170	7,181	250	33,261	26,623	159	5400	P	12 Rot. <sup>0</sup>	12 96211 074610	
	J. S. Clarke									3 Rot. <sup>2</sup>	3 96213 074615	
	E. A. Mortimer, Jr.									3 Rot. <sup>4</sup>	3 96214 074620	
	S. Papper									4 St. Med.	4 96232 074625	
	R. E. Anderson									2 St. Path.	2 96236 074630	
<b>NEW YORK-HOSPITALS, 103; INTERNSHIPS, 2, 394</b>												
<b>Albany</b>												
Albany Medical Center	W. V. Kinnard	698	23,704	920	52,942	38,486	55,444	6000	P	10 Rot. <sup>0</sup>	10 41411 074910	
	S. Bondurant									8 Rot. <sup>1</sup>	8 41412 074915	
	J. Golden									6 Rot. <sup>0</sup>	6 41476 074920	
	S. Bondurant									14 St. Med.	14 41432 074925	
	C. Eckert									11 St. Surg.	11 41433 074930	
	I. Porter									3 St. Ped.	3 41434 074935	
	R. F. Scott									2 St. Path.	2 41436 074940	
Memorial	D. Romanucci	220	8,169	300	5,726	21,522	9,881	5400	F	14 Rot. <sup>0</sup>	14 41511 075000	
St. Peter's	W. H. O'Brien	347	13,480	450	6,059	24,021	27,312	5880	P	12 Rot. <sup>0</sup>	12 41611 075100	
										8 Rot. <sup>2</sup>	8 41613 075150	
<b>Bronxville</b>												
Lawrence	R. C. Swingle	222	7,917	292	3,070	8,036	28,802	6000	F*	12 Rot. <sup>0</sup>	12 91611 075300	
<b>Buffalo</b>												
Deaconess Hospital of Buffalo	P. L. Burkes	372	12,138	506	12,628	26,785	28,561	5000	FP*	20 Rot. <sup>0,1,2,3</sup>	20 43720 075500	
Mercy	J. O'Brien	331	13,734	526	8,607	21,269	39,543	5000	FP*	21 Rot. <sup>0,1,2,3,4</sup>	21 43920 075600	
Millard Fillmore	J. F. Painton	480	17,321	652	16,011	18,383	42,113	5000	P	13 Rot. <sup>1</sup>	13 44012 075700	
										5 Rot. <sup>2</sup>	5 44013 075750	
										4 Rot. <sup>0</sup>	4 44111 075810	
										6 Rot. <sup>1</sup>	6 44112 075815	
										6 Rot. <sup>2</sup>	6 44113 075820	
										2 Rot. <sup>3</sup>	2 44115 075825	

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<b>NEW YORK, Buffalo - Continued</b>												
State Univ. of N.Y. at Buffalo Affiliated Hospitals												
Buffalo General Δ	J. R. Paine	649	18,897	850	42,308	23,176	3,972	5000	O	6 Rot. <sup>2</sup> 5 St. Surg.	6 43613 5 43633	076020 076025
Buffalo General Hospital-E. J. Meyer Memorial	E. Calkins	...	...	...	...	...	...	...		10 Rot. <sup>1</sup> 18 St. Med.	10 43612 18 43632	076040 076045
Buffalo General Δ		649	18,897	850	42,308	23,176	3,972	5000				
Edward J. Meyer Memorial		635	12,150	783	127,960	38,417	...	5180	P			
Children's Hospital of Buffalo	J. A. Cortner	238	17,418	175	60,256	4,903	...	5000	P	12 St. Ped.	12 96534	076400
Edward J. Meyer Memorial Δ	W. G. Shenk	635	12,150	783	127,960	3,817	...	5180	P	6 Rot. <sup>2</sup> 2 Rot. <sup>6</sup> 7 St. Surg. 2 St. Ped.	6 43813 2 43876 7 43833 2 43834	076450 076455 076460 076465
Cooperstown	W. G. Shenk T. S. Bumbalo											
Mary Imogene Bassett Δ	C. A. Ashley	81	2,973	132	48,442	9,142	...	4900	P	6 Rot. <sup>0</sup> 2 St. Med. 2 St. Surg.	6 44211 2 44232 2 44233	076705 076710 076715
<b>East Meadow</b>												
Meadowbrook	L. Meiselas L. Meiselas A. Di Benedetto R. Knapp J. Semer H. Zatzkin L. Meiselas A. Di Benedetto J. Collipp	468	16,360	826	94,907	45,094	...	5816	F	10 Rot. <sup>0</sup> 6 Rot. <sup>1</sup> 5 Rot. <sup>2</sup> 3 Rot. <sup>3</sup> 8 Rot. <sup>6</sup> 2 Rot. <sup>7</sup> 6 St. Med. 5 St. Surg. 2 St. Ped.	10 44811 6 44812 5 44813 3 44815 8 44876 2 44842 6 44832 5 44833 2 44834	076926 076931 076936 076941 076946 076951 076956 076961 076966
<b>Glen Cove</b>												
Community Hospital at Glen Cove	F. X. Moore	176	7,914	259	9,062	15,685	36,659	5550	P*	8 Rot. <sup>0,1,2,3,4</sup>	8 44620	077100
<b>Johnson City</b>												
Charles S. Wilson Memorial	E. M. Wyso	381	13,589	395	6	10,574	31,925	7200	P*	14 Rot. <sup>0,1,2,3</sup>	14 45220	077320
<b>Kenmore</b>												
Kenmore Mercy	T. H. Khan	227	9,099	275	666	24,655	60,137	6000	FP*	12 Rot. <sup>0</sup>	12 82911	077500
<b>Lewiston</b>												
Mount St. Mary's Hospital of Niagara Falls	J. V. Cordaro	192	7,930	174	...	10,434	...	4800	P*	10 Rot. <sup>0,1,2,3,4</sup>	10 50320	077700
<b>Manhasset</b>												
North Shore	S. Gross	272	12,126	324	19,469	14,389	16,551	6800	P	1 St. Path.	1 46736	077806
North Shore - See Also Cornell Cooperating Hospitals, New York City												
<b>Mineola</b>												
Nassau	W. C. Hollis	376	15,732	726	20,603	18,068	3,677	7200	P	18 Rot. <sup>0</sup>	18 45511	078200
<b>Mount Kisco</b>												
Northern Westchester	F. J. Briccetti	152	7,235	260	1,040	10,723	50,097	7300	F*	6 Rot. <sup>1,2</sup>	6 45620	078250
<b>Mount Vernon</b>												
Mount Vernon		292	9,640	420	15,459	19,375	3,573	4800	FP*	16 Rot. <sup>0</sup>	16 45711	078350
<b>Newburgh</b>												
St. Luke's Hospital of Newburgh	G. Flaum	192	8,173	313	5,913	24,298	22,479	4200	F	10 Rot. <sup>2</sup>	10 45813	078450
<b>New Hyde Park</b>												
Long Island Jewish Hospital Training Program												
Long Island Jewish	P. E. Lear	253	11,183	334	34,251	21,421	...	5500	O	18 Rot. <sup>0,1,2,3,4</sup> 4 St. Med. 2 St. Ped.	18 96320 4 96332 2 96334	078610 078615 078620
Queens Hospital Center (New York City)	G. Saypol	1,004	17,050	612	194,793	82,173	...	4500	F	36 Rot. <sup>0</sup>	36 45111	078650
<b>New Rochelle</b>												
New Rochelle	A. J. Mannix, Jr.	281	11,104	473	9,813	35,966	4,924	6000	F	7 Rot. <sup>0</sup> 3 Rot. <sup>1</sup> 2 Rot. <sup>2</sup> 1 Rot. <sup>3</sup> 1 Rot. <sup>4</sup> 1 Rot. <sup>8</sup>	7 45911 3 45912 2 45913 1 45915 1 45914 1 45977	078760 078765 078770 078775 078780 078785
<b>New York City</b>												
Albert Einstein College of Medicine												
Affiliated Hospitals												
Bronx Municipal Hospital Center	I. M. London	942	22,099	1,241	272,607	126,965	...	4500	FP	4 Rot. <sup>1</sup> 16 St. Med. - A 4 St. Med. - B	4 93112 16 93132 4 93147	...
	I. M. London											
	D. State											
	H. L. Barnett											
	A. A. Angrist											
Lincoln	S. Pollack	289	11,885	340	195,801	177,547	...	4500	FP	25 St. Surg. 20 St. Ped. 3 St. Path.	25 93133 20 93134 3 93136	078825 078830 078835
	A. Einhorn											
Beekman-Downtown	J. T. Flynn	183	4,288	272	18,322	18,943	27,000	5500	P	13 St. Med. 4 St. Ped. 3 Rot. <sup>1</sup> 3 Rot. <sup>2</sup> 3 St. Med. 3 St. Surg.	13 48432 4 48434 3 89060 1 89013 3 89013 1 89033	078955 078960 079005 079010 079010 079010
	J. T. Flynn											
	R. B. Nolan											
Bellevue Hospital Center-New York												
University Medical Center	S. Wortis, S. Farber S. J. Farber F. C. Spencer S. Krugman M. Kuschner	...	...	...	...	...	...	...		10 Rot. <sup>1,6</sup> 5 Rot. <sup>5</sup> 22 St. Med. 20 St. Surg. 14 St. Ped. 1 St. Path.	10 46420 5 46486 22 46432 20 46433 14 46434 1 46436	079131 079136 079141 079146 079151
Bellevue Hospital Center		1,787	36,238	1,076	352,744	70,574	...	4500	FP			
University		551	16,075	544	67,339	7,449	209	6960	P			
Veterans Admin. (Manhattan) -												
University	N. Spritz	...	...	...	...	...	...	...		9 St. Med.	9 46440	079240
Veterans Admin. (Manhattan)		996	9,463	652	38,279	...	...	...				
University		551	16,075	544	67,339	7,449	209	6960	P			

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<b>NEW YORK, New York City - Continued</b>												
Beth Israel Medical Center	L. N. Sussman	437	13,896	426	26,703	21,168	...	5650	P	14 Rot. <sup>0</sup>	14	47011 079261
										12 St. Med.	12	47032 079266
										6 St. Surg.	6	47033 079271
Booth Memorial	I. R. Cohen	...	...	...	...	...	...	...	...	16 Rot. <sup>0,1,2,3,5</sup>	16	82220 079290
Bronx-Lebanon Hospital Center	M. J. Goodfriend	527	16,094	707	104,357	46,086	...	5500	P	17 Rot. <sup>0,1,2,3,4,5,7</sup>	17	47120 079305
										4 St. Med.	4	47132 079310
										4 St. Surg.	4	47133 079315
										2 St. Ped.	2	47134 079320
Brookdale Hospital Center	F. Wroblewski	364	13,849	509	52,187	50,964	...	5500	P	10 Rot. <sup>0</sup>	10	41911 079355
										10 Rot. <sup>1</sup>	10	41912 079360
										10 St. Med.	10	41932 079365
Brooklyn-Cumberland Medical Center	Δ	...	...	...	...	...	...	...	...	6 St. Med.	6	42011 079416
										6 Rot. <sup>1</sup>	6	42012 079421
										4 Rot. <sup>2</sup>	4	42013 079426
										2 Rot. <sup>4</sup>	2	42014 079431
										2 Rot. <sup>5</sup>	2	42086 079436
										12 St. Med.	12	42032 079441
										3 St. Surg.	3	42033 079446
										4 St. Ped.	4	42034 079451
										2 St. Path.	2	42036 079456
Brooklyn		339	10,442	486	9,471	20,685	18,270	...	...	...	...	...
Cumberland		225	8,748	348	16,324	22,526	11,200	5200	P	...	...	...
Catholic Medical Center of Brooklyn and Queens		...	...	...	...	...	...	...	...	...	...	...
Mary Immaculate Division	V. G. Tosti	225	8,748	348	16,324	22,526	11,200	5200	P	12 Rot. <sup>0</sup>	12	45020 079532
St. John's Queens Division	E. F. Kalina	237	9,725	434	5,668	19,620	10,413	5200	P	16 Rot. <sup>0</sup>	16	52211 079540
St. Mary's Division		197	6,932	196	40,566	34,744	558	5200	P	12 Rot. <sup>0</sup>	12	43320 079560
Columbus	M. R. Bazzini	264	7,198	426	19,616	9,368	1,572	5100	F	14 Rot. <sup>3</sup>	14	47213 079570
Cornell Cooperating Hospitals		...	...	...	...	...	...	...	...	...	...	...
New York Hospital-Memorial Hospital for Cancer and Allied Diseases	A. Beann, W. Myers	...	...	...	...	...	...	...	...	30 St. Med.	30	46632 079625
	W. Mc Crory, M. Murphy	...	...	...	...	...	...	...	...	11 St. Ped.	11	46634 079630
New York Memorial Hospital for Cancer and Allied Diseases - James Ewing		887	25,478	714	222,319	30,409	...	...	...	...	...	...
North Shore Hospital-Memorial Hospital for Cancer and Allied Diseases	L. Scherr, W. Myers	...	...	...	...	...	...	...	...	12 St. Med.	12	46732 079665
	R. Karl, E. Beattie	...	...	...	...	...	...	...	...	9 St. Surg.	9	46733 079670
	I. Mauss, M. Murphy	...	...	...	...	...	...	...	...	4 St. Ped.	4	46734 079675
North Shore Memorial Hospital for Cancer and Allied Diseases - James Ewing		421	2,979	939	60,000	...	...	6500	P*	...	...	...
Flushing Hospital and Medical Center	L. J. Delli-Pizzi	294	10,240	414	12,618	21,632	6,074	5300	P*	6 Rot. <sup>0</sup>	6	44511 079711
										3 Rot. <sup>1</sup>	3	44512 079716
										3 Rot. <sup>2</sup>	3	44513 079721
										2 Rot. <sup>3</sup>	2	44515 079726
										2 Rot. <sup>4</sup>	2	44514 079731
Fordham Hospital (Misericordia Hospital Training Program)		...	...	...	...	...	...	...	...	...	...	...
French	R. Herz, Jr.	...	...	...	...	...	...	...	...	24 Rot. <sup>0,1,2,3,4,5,7,8</sup>	24	47420 079860
										4 Rot. <sup>0</sup>	4	47511 079920
										2 Rot. <sup>1</sup>	2	47512 079925
										2 Rot. <sup>2</sup>	2	47513 079930
										2 Rot. <sup>3</sup>	2	47515 079935
										2 St. Surg.	2	47533 079940
Harlem Hospital Center	C. A. Ragan, Jr.	...	...	...	...	...	...	...	...	23 Rot. <sup>0</sup>	23	47820 079960
	C. A. Ragan, Jr.	...	...	...	...	...	...	...	...	20 St. Med.	20	47832 079965
	J. M. Ferrer	...	...	...	...	...	...	...	...	16 St. Surg.	16	47833 079970
	E. J. Kahn	...	...	...	...	...	...	...	...	4 St. Ped.	4	47834 079975
Hospital for Joint Diseases and Medical Center	S. Reichman	295	6,136	187	61,982	16,211	...	5500	P	6 Rot. <sup>2</sup>	6	47913 080001
										1 St. Surg.	1	47933 080006
Jamaica Jewish Hospital and Medical Center of Brooklyn	J. E. D'Arta	252	11,610	441	19,978	33,284	...	4500	F*	8 Rot. <sup>0,1,2</sup>	8	44920 080100
	M. G. Goldner	...	...	...	...	...	...	...	...	5 Rot. <sup>0</sup>	5	42511 080320
										7 Rot. <sup>1</sup>	7	42512 080325
										4 Rot. <sup>2</sup>	4	42513 080330
										2 Rot. <sup>3</sup>	2	42515 080335
										3 Rot. <sup>4</sup>	3	42514 080340
										12 St. Med.	12	42532 080345
										4 St. Surg.	4	42533 080350
										3 St. Ped.	3	42534 080355
Greenpoint Jewish Memorial	J. Cohen	165	6,874	285	28,098	13,319	10	4200	F	8 Rot. <sup>0</sup>	8	48011 080500
Kingsbrook Jewish Medical Center	E. E. Mandel	731	2,240	622	21,597	1,296	...	7000	P	6 Rot. <sup>1</sup>	6	47612 080560
Knickerbocker	B. Krentz	190	3,947	325	25,657	25,659	3,538	4680	FP*	6 Rot. <sup>0</sup>	6	48111 080600
										1 Rot. <sup>1</sup>	1	48112 080650
										3 St. Med.	3	48132 080700
										3 St. Surg.	3	48133 080750
Lenox Hill	W. D. Sicher	...	...	...	...	...	...	...	...	4 Rot. <sup>0</sup>	4	48311 080765
										6 Rot. <sup>1</sup>	6	48312 080770
										4 Rot. <sup>2</sup>	4	48313 080775
										1 Rot. <sup>3</sup>	1	48315 080780
										1 Rot. <sup>4</sup>	1	48314 080785
										10 St. Med.	10	48332 080790
										4 St. Ped.	4	48334 080795
Long Island College	W. G. Mullin	...	...	...	...	...	...	...	...	19 Rot. <sup>0</sup>	19	42711 080821
	J. N. Edson	...	...	...	...	...	...	...	...	12 St. Med.	12	42732 080826
	J. R. Bongiorno	...	...	...	...	...	...	...	...	3 St. Ped.	3	42734 080831
Lutheran Medical Center	G. F. Cucolo	261	8,844	342	22,360	24,180	9,695	6000	P	11 Rot. <sup>0</sup>	11	43011 080900

APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NTRMP	NTRMP Code
<b>NEW YORK, New York City - Continued</b>												
Maimonides Medical Center Training Program	J. L. Sherman, Jr.	534	17,326	1,016	70,323	34,358	5,655	5500	P	20 Rot. <sup>1</sup>	20	42812 081115
Maimonides Medical Center	D. Grob									16 St. Med.	16	42832 081120
	A. Kantrowitz									7 St. Surg.	7	42833 081125
	H. Joos									4 St. Ped.	4	42834 081130
Coney Island	C. G. Robinson									7 Rot. <sup>0,1</sup>	7	42220 081220
	S. M. Glick									4 St. Med.	4	42232 081225
	H. Krieger									2 St. Surg.	2	42233 081230
	F. Feldman									2 St. Ped.	2	42234 081235
	A. Vasicka									2 St. Obg.	2	42235 081240
Mary Immaculate Division - See Catholic	Medical Center of Brooklyn and Queens											
Methodist Hospital of Brooklyn	H. Felger	398	13,471	490	41,434	30,724		5500	P	11 Rot. <sup>0</sup>	11	42911 081415
	H. Tobey									2 St. Med.	2	42932 081420
	I. Enquist									4 St. Surg.	4	42933 081425
	H. Ghadimi									2 St. Ped.	2	42934 081430
	S. Werthamer									2 St. Path.	2	42936 081435
Misericordia										18 Rot. <sup>0,1,2,3,4,5,7,8</sup>	18	48620 081520
Montefiore Hospital Training Program	T. Lawyer, Jr.									48 Rot. <sup>1</sup>	48	48712 081620
	D. Hamerman									8 St. Med.	8	48732 081625
	L. Finberg									12 St. Ped.	12	48734 081630
Montefiore Hospital and Medical Center		703	14,176	1,036	78,590	27,867						
Morrisania City		273	9,394	657	135,958	126,046						
Mount Sinai Hospital Training Program												
Mount Sinai	S. Benson									25 St. Med.	25	49032 082020
	A. E. Kark									12 St. Surg.	12	49033 082025
	H. L. Hodes									6 St. Ped.	6	49034 082030
City Hospital Center at Elmhurst	S. G. Seckler	832	18,074	1,166	220,149	87,394		5800	F*	32 Rot. <sup>0</sup>	32	49111 082100
	S. G. Seckler									12 St. Med.	12	49132 082150
	D. A. Dreiling									6 St. Surg.	6	49133 082200
New York	C. W. Lillehei									19 St. Surg.	19	49233 082220
	J. T. Ellis									4 St. Path.	4	49236 082225
New York - See Also Cornell Cooperating	Hospitals											
New York Infirmary	H. Taube	241	7,054	253	26,464	4,654	2,370	5000	FP	13 Rot. <sup>0</sup>	13	87511 082300
New York Medical College - Metropolitan Hospital Center	W. Mersheimer									24 Rot. <sup>2</sup>	24	47313 082401
	M. L. Stone									4 Rot. <sup>3</sup>	4	47315 082406
	R. Levine									42 St. Med.	42	47332 082411
	E. Wasserman									19 St. Ped.	19	47334 082416
	M. M. Black									5 St. Path.	5	47336 082421
Unit 1 - Flower and Fifth Avenue Hospitals		334	11,317	327	11,829	19,097						
Unit 2 - Metropolitan Hospital Center		758	15,410	733	410,265	117,267						
New York Polyclinic Medical School and Hospital	A. M. Gelb									8 Rot. <sup>0</sup>	8	49411 082720
										1 Rot. <sup>1</sup>	1	49412 082725
										1 Rot. <sup>2</sup>	1	49413 082730
										1 Rot. <sup>3</sup>	1	49415 082735
										1 Rot. <sup>4</sup>	1	49414 082740
	A. M. Gelb									2 St. Med.	2	49432 082745
	W. H. Cassebaum									4 St. Surg.	4	49433 082750
	L. J. Caruso									2 St. Obg.	2	49435 082755
Presbyterian	S. E. Bradley									16 St. Med.	16	49532 082825
	G. H. Humphreys									12 St. Surg.	12	49533 082830
	E. C. Curnen									10 St. Ped.	10	49534 082835
	D. King									10 St. Path.	5	49536 082840
Queens Hospital Center - See Long Island	Jewish Hospital, New Hyde Park, N. Y.											
Roosevelt	R. W. Gause									2 Rot. <sup>3</sup>	2	49615 083020
	H. C. Shands									4 Rot. <sup>6</sup>	4	49676 083025
	N. P. Christy									10 St. Med.	10	49632 083030
	J. E. Thompson									10 St. Surg.	10	49633 083035
	E. N. Joyner									4 St. Ped.	4	49634 083040
St. Clare's	J. T. Daniels									17 Rot. <sup>0</sup>	17	49711 083120
										4 St. Med.	4	49732 083125
										4 St. Surg.	4	49733 083130
St. John's Episcopal	J. E. Mule	252	9,014	263	41,015	18,946		5000	F*	12 Rot. <sup>0</sup>	12	43211 083200
	C. W. Mueller									2 St. Obg.	2	43235 083250
St. John's Queens Division - See Catholic	Medical Center of Brooklyn and Queens											
St. Luke's Hospital Center	T. B. Van Itallie	615	18,212	565	140,793	81,488	13,788	5500	P	12 St. Med.	12	49932 083400
	H. A. Zintel									9 St. Surg.	9	49933 083450
	S. S. Stevenson									4 St. Ped.	4	49934 083500
St. Mary's Division - See Catholic Medical	Center of Brooklyn and Queens											
St. Vincent's Hospital and Medical Center of New York	R. J. Boller									25 Rot. <sup>0</sup>	25	50020 083610
										10 St. Med.	10	50032 083615
										10 St. Surg.	10	50033 083620
St. Vincent's Medical Center of Richmond	A. A. Claps	272	10,321	405	18,831	18,696	10,784	6480	P*	14 Rot. <sup>0</sup>	14	51420 083701
										1 St. Med.	1	51432 083706
										2 St. Ped.	2	51434 083706
Staten Island	T. G. Mc Ginn	231	9,403	383	15,127	15,875	13,202	6000	F*	12 Rot. <sup>0</sup>	12	51511 083900
										2 Rot. <sup>1</sup>	2	51512 083950
State University--Kings County Medical Center	M. Metz									25 Rot. <sup>1,2,3,4,5</sup>	25	42620 084000
	L. W. Eichna									40 St. Med.	40	42632 084050
	C. Dennis									20 St. Surg.	20	42633 084100
	J. T. Lanman									16 St. Ped.	16	42634 084150
	P. J. Fitzgerald									5 St. Path.	5	42636 084200
Kings County Hospital Center		1,969	47,196	2,672	482,353	162,508		4500	FP			
State University		70	2,545	50	25,000	963		6210	O			
Sydenham	A. Distenfeld	145	5,225	136	30,405	47,545		4500	P	9 Rot. <sup>0</sup>	9	50111 084300

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM P	NIRMP Code			
<b>NEW YORK, New York City—Continued</b>														
Unity	V. Ginsberg	187	7,901	192	18,456	32,625	...	5400	F	10	Rot. <sup>2</sup>	10	43413	084400
University - See Bellevue Hospital-New York University Medical Center	W. Dock	919	7,918	688	18,611	...	...	6610	O	16	St. Med.	16	50232	084600
Veterans Admin. (Brooklyn)	H. H. Le Veen	12	...	...	...	...	...	...	St. Surg.	12	St. Surg.	12	50233	084650
Veterans Admin. (Manhattan) - See Bellevue Hospital-New York University Medical Center	A. Kaufman	503	19,335	8141	17,108	49,190	2,141	4500	FP	12	Rot. <sup>0</sup>	12	43511	084700
Wyckoff Heights	L. B. Kramer	298	11,593	425	162	22,211	20,876	5040	P	13	Rot. <sup>0</sup>	13	93511	084900
<b>Niagara Falls</b>														
Niagara Falls Memorial	L. B. Kramer	298	11,593	425	162	22,211	20,876	5040	P	13	Rot. <sup>0</sup>	13	93511	084900
<b>Port Chester</b>														
United	D. A. Wilson	225	9,326	180	5,303	19,208	...	4800	FP*	8	Rot. <sup>0</sup>	8	50411	085100
<b>Poughkeepsie</b>														
St. Francis	R. Flaherty	209	8,928	248	2,513	16,851	67,536	4200	F	5	Rot. <sup>0</sup>	5	50511	085300
Vassar Brothers	A. E. Apfel	262	11,078	384	4,999	24,590	41,663	4800	F*	12	Rot. <sup>0,1,2,3,8</sup>	12	50620	085400
<b>Rochester</b>														
Genesee	R. S. Meltzer	291	14,458	505	21,023	31,062	96,306	6750	P	2	Rot. <sup>0</sup>	2	50711	085620
										10	Rot. <sup>1</sup>	10	50712	085625
										4	Rot. <sup>2</sup>	4	50713	085630
										1	Rot. <sup>4</sup>	1	50714	085635
										6	St. Med.	6	50732	085640
										2	St. Surg.	2	50733	085645
Highland Hospital of Rochester	J. W. Holler	222	11,103	394	4,439	12,062	...	6100	P	10	Rot. <sup>0,1,2</sup>	10	50820	085700
										2	St. Med.	2	50832	085750
Rochester General	T. H. Casey	404	17,675	605	13,944	37,500	23,225	6250	FP	14	Rot. <sup>0,1,2,4</sup>	14	50920	085810
										7	St. Med.	7	50932	085815
										2	St. Surg.	2	50933	085820
										1	St. Ped.	1	50934	085825
St. Mary's	R. J. Napodano	...	...	...	...	...	...	...	...	15	Rot. <sup>9</sup>	15	51020	085960
Strong Memorial Hospital of the University of Rochester	L. E. Young	...	...	...	...	...	...	...	...	2	Rot. <sup>2</sup>	2	51113	086020
	L. E. Young	...	...	...	...	...	...	...	...	2	Rot. <sup>4</sup>	2	51114	086025
	L. E. Young	...	...	...	...	...	...	...	...	18	St. Med.	18	51132	086030
	C. G. Rob	...	...	...	...	...	...	...	...	14	St. Surg.	14	51133	086035
	R. J. Haggerty	...	...	...	...	...	...	...	...	11	St. Ped.	11	51134	086040
	J. L. Orbison	...	...	...	...	...	...	...	...	6	St. Path.	6	51136	086045
	C. J. Lund	...	...	...	...	...	...	...	...	7	St. Obg.	7	51135	086050
<b>Rockville Center</b>														
Mercy		290	13,113	354	10,522	10,053	12,923	...	...	12	Rot. <sup>0</sup>	12	51911	086142
<b>Schenectady</b>														
Ellis	G. D. Vlahides	423	15,720	638	6,837	22,079	74,574	6000	FP*	25	Rot. <sup>9</sup>	25	51220	086200
St. Clare's	P. Parillo	201	8,151	334	2,005	15,107	18,183	6000	FP*	15	Rot. <sup>0,1,2</sup>	15	51320	086300
<b>Syracuse</b>														
St. Joseph's	F. S. Caliva	294	14,369	347	18,775	20,594	13,998	6000	F	18	Rot. <sup>0,1,2,10</sup>	18	51820	086510
State University Hospital Upstate Medical Center	D. C. Samson	...	...	...	...	...	...	...	...	12	Rot. <sup>2</sup>	12	51613	086830
										4	Rot. <sup>4</sup>	4	51614	086835
										10	Rot. <sup>6</sup>	10	51676	086840
										2	Rot. <sup>7</sup>	2	51642	086845
										2	Rot. <sup>6</sup>	2	51677	086850
										16	St. Med.	16	51632	086855
										10	St. Surg.	10	51633	086860
										8	St. Ped.	8	51634	086865
										2	St. Path.	2	51636	086870
<b>Troy</b>														
Samaritan	J. M. Fiore	214	8,312	...	2,099	18,214	177,826	5400	FP*	16	Rot. <sup>0,1,2,3,4,7</sup>	16	52020	087100
<b>Valhalla</b>														
Grasslands	W. R. Dalziel	371	6,099	397	56,909	14,297	15,768	7800	P	14	Rot. <sup>0</sup>	14	52111	087305
	F. A. Graig	...	...	...	...	...	...	...	...	2	Rot. <sup>1</sup>	2	52112	087310
	M. Rohman	...	...	...	...	...	...	...	...	2	St. Surg.	2	52133	087315
<b>West Islip</b>														
Good Samaritan	W. J. O'Connor	165	10,396	262	624	21,640	2,589	4800	FP*	12	Rot. <sup>0</sup>	12	49311	087500
<b>White Plains</b>														
White Plains	R. R. Zimet	195	7,420	308	8,637	17,703	11,917	6600	FP	8	Rot. <sup>0,00,2</sup>	8	52320	087700
<b>Yonkers</b>														
St. John's Riverside	A. Roberto	266	8,972	346	6,957	9,721	24,686	4800	F*	14	Rot. <sup>0</sup>	14	52411	087900
St. Joseph's	B. P. Lustgarten	146	5,082	192	25,993	14,355	18,457	7200	P	12	Rot. <sup>0,2</sup>	12	52520	088000
Yonkers General	M. J. Eisen	155	5,683	258	3,615	11,183	20,322	4800	FP*	8	Rot. <sup>0</sup>	8	52611	088100
<b>NORTH CAROLINA--HOSPITALS, 10; INTERNSHIPS, 225</b>														
<b>Asheville</b>														
Memorial Mission	J. Powell	294	14,264	476	9,927	21,233	19,097	6000	P	8	Rot. <sup>0</sup>	8	94911	088400
<b>Chapel Hill</b>														
North Carolina Memorial	F. W. Denny	...	...	...	...	...	...	...	...	6	Rot. <sup>4</sup>	6	90014	088610
	L. G. Welt	...	...	...	...	...	...	...	...	15	St. Med.	15	90032	088615
	C. G. Thomas	...	...	...	...	...	...	...	...	12	St. Surg.	12	90033	088620
	F. W. Denny	...	...	...	...	...	...	...	...	5	St. Ped.	5	90034	088625
	K. M. Brinkhous	...	...	...	...	...	...	...	...	4	St. Path.	4	90036	088630
<b>Charlotte</b>														
Charlotte Memorial	B. L. Galusha	594	23,925	687	56,447	40,375	9,405	5000	P	16	Rot. <sup>0</sup>	16	52711	088800
<b>Durham</b>														
Duke University Medical Center	J. B. Wynngaarden	...	...	...	...	...	...	...	...	30	St. Med.	30	52932	089020
	D. C. Sabiston	...	...	...	...	...	...	...	...	18	St. Surg.	18	52933	089025
	J. S. Harris	...	...	...	...	...	...	...	...	13	St. Ped.	13	52934	089030
	T. Kinney	...	...	...	...	...	...	...	...	6	St. Path.	6	52936	089035
Watts	H. A. Royster, Jr.	...	...	...	...	...	...	...	...	2	Rot. <sup>0</sup>	2	87711	089120
		...	...	...	...	...	...	...	...	6	Rot. <sup>1</sup>	6	87712	089125
		...	...	...	...	...	...	...	...	4	Rot. <sup>2</sup>	4	87713	089130
		...	...	...	...	...	...	...	...	2	Rot. <sup>4</sup>	2	87714	089135
		...	...	...	...	...	...	...	...	4	St. Med.	4	87732	089140
		...	...	...	...	...	...	...	...	3	St. Surg.	3	87733	089145

Numerical and other references are listed on pages 120 and 121

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement Type	Total Sought Through NIRM P	NIRMP Code	
<b>NORTH CAROLINA - Continued</b>												
<b>Greensboro</b>												
Moses H Cone Memorial	W. B. Herring	334	14,350	472	15,671	17,681	21,745	5000	O	12	Rot. <sup>1</sup>	12 94312 089300
<b>Wilmington</b>												
New Hanover Memorial	L. B. Mason	220	11,388	394	4,802	18,500	13,000	4800	F	12	Rot. <sup>00,0</sup>	12 53420 089502
<b>Winston-Salem</b>												
Forsyth Memorial	W. A. Lambeth, Jr.	420	16,588	603	7,500	32,540	16,609	4800	P*	6	Rot. <sup>1,10</sup>	6 53520 089700
Kate Bitting Reynolds Memorial	J. G. Gordon	140	5,351	274	6,708	21,069	16,352	4800	F	8	Rot. <sup>0</sup>	8 53611 089800
North Carolina Baptist Hospital	E. Yount, R. Burt	391	16,794	486	94,775	15,215	7,538	5000	P	4	Rot. <sup>3</sup>	4 53715 089905
	E. Yount, W. Kelsey									4	Rot. <sup>4</sup>	4 53714 089910
	E. Yount									8	St. Med.	8 53732 089915
	R. Myers									10	St. Surg.	10 53733 089920
	W. Kelsey									6	St. Ped.	6 53734 089925
	R. Morehead									1	St. Path.	1 53736 089930
<b>NORTH DAKOTA--HOSPITALS, 1; INTERNSHIPS, 12</b>												
<b>Fargo</b>												
St. Luke's Hospitals	M. J. Ehlen	259	10,454	265	...	9,763	...	4800	F	12	Rot. <sup>0</sup>	12 53911 090200
<b>OHIO--HOSPITALS, 49; INTERNSHIPS, 897</b>												
<b>Akron</b>												
Akron City	W. V. Sharp	595	19,566	840	16,323	29,129	95,830	8000	P	22	Rot. <sup>0,1,2,3</sup>	22 54120 090515
	A. Kerr, Jr.									2	St. Med.	2 54132 090520
	R. M. Bartlett									2	St. Surg.	2 54133 090525
Akron General	K. F. Hausfeld	416	13,371	620	13,021	21,411	48,712	7500	P	18	Rot. <sup>0,1,2,3,10</sup>	18 54220 090550
Children's Hospital of Akron	S. Spector	207	14,081	123	12,687	34,301	12,353	7300	P	6	St. Ped.	6 89534 090700
St. Thomas	E. A. Simendinger	346	14,537	455	12,490	18,151	30,503	8328	P	10	Rot. <sup>0</sup>	10 54311 090805
	J. H. Dix									2	Rot. <sup>1</sup>	2 54312 090810
	R. E. Yeakley									2	Rot. <sup>2</sup>	2 54313 090815
	G. D. Solomon									2	Rot. <sup>3</sup>	2 54315 090820
<b>Barberton</b>												
Barberton Citizens	M. E. Griffin	277	12,555	350	4,720	24,507	31,603	4200	F*	15	Rot. <sup>0,2,3</sup>	15 96420 091000
<b>Canton</b>												
Aultman	J. I. Newman	438	18,363	588	7,041	21,174	42,443	5400	P*	8	Rot. <sup>0</sup>	8 54411 091200
										2	St. Path	2 54436
<b>Cincinnati</b>												
Christ	R. Wurzelbacher	5,516	17,735	682	4,212	17,550	25,470	5700	F	18	Rot. <sup>0,1,2</sup>	18 54720 091600
	D. Earley									3	St. Surg.	3 54733 091650
Good Samaritan	J. J. Cranley	668	25,950	725	14,888	16,132	45,800	5700	P*	17	Rot. <sup>0</sup>	17 55020 091710
	D. Fischer									4	St. Med.	4 55032 091715
	J. J. Cranley									4	St. Surg.	4 55033 091720
	D. Frank									2	St. Ped.	2 55034 091725
Jewish	E. G. Margolin	451	18,501	623	121,080	25,706	71,943	5700	P*	12	Rot. <sup>0,1,2</sup>	12 55120 091875
										5	St. Med.	5 55132 091880
University of Cincinnati Hospital Group	J. Lindner, Jr.	480	15,643	793	139,559	94,339	5,355	5040	P	36	Rot. <sup>0</sup>	36 54811 092010
Cincinnati General	R. W. Vilter									12	St. Med.	12 54832 092015
	W. A. Altmeir									8	St. Surg.	8 54833 092020
	E. L. Pratt									12	St. Ped.	12 54834 092025
	E. A. Gall									2	St. Path.	2 54836 092030
<b>Cleveland</b>												
Cleveland Clinic	H. S. Van Ordstrand	503	19,529	629	319,640	7,965	...	5000	P	12	Rot. <sup>1</sup>	12 96812 092250
	G. Crile, Jr.									8	Rot. <sup>2</sup>	8 96813 092255
	H. S. Van Ordstrand									9	St. Med.	9 96832 092260
	J. B. Hazard									1	St. Path.	1 96836 092265
Cleveland Metropolitan General	C. H. Rammelkamp	401	10,807	464	164,053	32,958	...	5300	P*	6	Rot. <sup>1,2,3,4</sup>	6 55230 092310
	C. H. Rammelkamp									16	St. Med.	16 55332 092315
	John H. Davis									8	St. Surg.	8 55333 092320
	R. Schwartz									8	St. Ped.	8 55334 092325
	J. Reid									2	St. Path.	2 55336 092330
Evangelical Deaconess	M. Q. Arjona	216	8,792	329	772	15,774	22,338	4800	F	8	Rot. <sup>0</sup>	8 90911 092400
Fairview General	J. A. Grauel	303	14,211	358	12,658	24,733	51,313	4800	F	19	Rot. <sup>2,8</sup>	19 55420 092500
Huron Road	E. M. Goyette	348	11,860	492	13,703	22,922	16,605	4500	F*	6	Rot. <sup>0</sup>	6 57111 092610
										3	Rot. <sup>1</sup>	3 57112 092615
										2	Rot. <sup>2</sup>	2 57113 092620
										1	Rot. <sup>3</sup>	1 57115 092625
										1	Rot. <sup>5</sup>	1 57186 092630
Lutheran	D. W. Schultz	269	9,295	343	720	13,000	7,000	4800	F	12	Rot. <sup>2</sup>	12 55613 092700
Marymount	N. G. De Piero	207	8,539	215	518	17,365	17,001	4800	F	12	Rot. <sup>0</sup>	12 57211 092800
Mount Sinai Hospital of Cleveland	S. Wolpaw	471	16,560	520	42,380	26,824	33,216	6000	O	14	Rot. <sup>0</sup>	14 55720 092900
	V. Vertes									8	St. Med.	8 55732 092950
	C. Marks									2	St. Surg.	2 55733 093000
St. Alexis	J. R. Paradise	311	10,412	460	5,681	18,104	13,934	4600	F	12	Rot. <sup>0,2</sup>	12 55820 093020
St. John's	R. J. Mc Caffery	295	10,217	283	4,911	17,558	17,738	4800	F	15	Rot. <sup>0,1,2,3</sup>	15 55920 093100
St. Luke's	R. Holzbach	401	15,734	498	40,860	25,032	21,431	6000	P	12	Rot. <sup>0</sup>	12 56020 093220
	R. G. Wieland									6	St. Med.	6 56032 093225
	R. O. Walton									2	St. Ped.	2 56034 093230
St. Vincent Charity	P. H. Mullally	372	10,326	449	37,112	20,324	28,545	4800	P*	12	Rot. <sup>0</sup>	12 56120 093300
University Hospitals of Cleveland	D. D. Bond	692	25,077	824	187,409	44,949	28,153	5500	P	4	Rot. <sup>0</sup>	4 56211 093410
	K. J. Ryan									4	Rot. <sup>3</sup>	4 56215 093415
	H. L. Friedell									4	Rot. <sup>7</sup>	4 56242 093420
	A. S. Weisberger									16	St. Med.	16 56232 093425
	W. D. Holden									14	St. Surg.	14 56233 093430
	W. M. Wallace									11	St. Ped.	11 56234 093435
	J. R. Carter									6	St. Path.	6 56236 093440
<b>Columbus</b>												
Grant	J. P. Stevens	95	16,165	577	3,909	21,810	...	7200	F	16	Rot. <sup>0</sup>	16 56420 093600
Mount Carmel	M. A. Anthony	381	15,284	467	16,148	19,918	27,193	6750	F*	18	Rot. <sup>0</sup>	18 56520 093700
Ohio State University Hospitals	J. V. Warren	569	22,213	722	94,624	29,099	...	5100	P	20	St. Med.	20 56632 093810
	R. Zollinger									10	St. Surg.	10 56633 093815
	B. Graham									10	St. Ped.	10 56634 093820
	J. Geer									4	St. Path.	4 56636 093825
Riverside Methodist	F. P. Kintz	445	18,551	529	3,919	24,731	18,041	7500	P	24	Rot. <sup>0,1,2,3</sup>	24 56720 093900

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRMP	NIRMP Code
<b>OHIO—Continued</b>												
<b>Dayton</b>												
Good Samaritan	M. Block	452	18,655	591	4,247	25,875	6,901	5700	F	13	Rot. <sup>0</sup>	13 56811 094100
Miami Valley	R. K. Bartholomew	615	21,911	811	18,785	37,606	16,613	7200	P	16	Rot. <sup>0,10</sup>	16 56920 094210
St. Elizabeth	R. C. Ashcom	382	16,016	464	4,240	24,609	638	7200	FPO	16	Rot. <sup>0</sup>	16 57011 094300
<b>Elyria</b>												
Elyria Memorial	House Staff Comm.	265	12,830	307	14,546	22,512	110,397	4800	F	12	Rot. <sup>2</sup>	12 90113 094500
<b>Euclid</b>												
Euclid General	E. S. Pano	261	10,322	355	1,692	21,471	31,442	7200	FP	6	Rot. <sup>0</sup>	6 55511 094705
										2	Rot. <sup>1</sup>	2 55512 094710
										6	Rot. <sup>2</sup>	6 55513 094715
<b>Kettering</b>												
Charles F. Kettering Memorial	E. C. Hedrick	355	15,340	407	7,685	18,765	...	4800	F	12	Rot. <sup>0,1,2,3,4,5,7,8</sup>	12 57620 094900
<b>Lakewood</b>												
Lakewood	K. C. Wells	274	10,472	362	4,033	18,964	18,979	5040	F*	2	Rot. <sup>1</sup>	2 57412 095100
										10	Rot. <sup>2</sup>	10 57413 095150
<b>Lima</b>												
St. Rita's	C. L. Blumstein	263	12,920	398	23	9,158	24,485	7200		12	Rot. <sup>0</sup>	12 57511 095211
<b>Lorain</b>												
St. Joseph	C. Chesner	239	11,613	360	2,609	21,972	33,661	4800	F*	12	Rot. <sup>0,2</sup>	12 97320 095500
<b>Springfield</b>												
Community Hospital of Springfield and Clark County	H. B. Elliott	204	9,383	348	...	20,215	54,778	7200	P	10	Rot. <sup>0</sup>	10 57711 095700
Mercy	G. P. Anderson	297	11,944	471	778	18,852	39,678	6000	P	10	Rot. <sup>0</sup>	10 87811 095800
<b>Stuebenville</b>												
Ohio Valley	Medical Director	231	10,784	353	739	15,642	1,359	4800	F	10	Rot. <sup>0</sup>	10 92711 096000
<b>Toledo</b>												
Flower	R. P. Sheon	176	7,987	241	1,702	13,420	...	6000	F	4	Rot. <sup>0</sup>	4 57811 096210
										1	Rot. <sup>1</sup>	1 57812 096215
										4	Rot. <sup>2</sup>	4 57813 096220
Maumee Valley	B. Wisinger	198	6,499	388	22,984	16,039	4,056	5100	FP	12	Rot. <sup>1,2,3,4,5</sup>	12 57920 096300
Mercy	J. F. Brunner	338	14,573	400	4,963	16,152	16,090	6900	O	18	Rot. <sup>0,1,2,3,4,5,7,8</sup>	18 58020 096400
Riverside	D. Steinberg	165	7,273	200	1,230	11,288	...	6300	FPO	9	Rot. <sup>0</sup>	9 58111 096510
										2	Rot. <sup>1</sup>	2 58112 096515
										2	Rot. <sup>5</sup>	2 58186 096520
										9	Rot. <sup>0,1,2,3,6</sup>	9 95120 096650
St. Charles	F. C. Clifford	229	8,832	269	2,936	14,408	19,986	6000	F			
St. Vincent Hospital and Medical Center	H. S. Madigan	476	17,728	678	19,011	25,503	21,925	6000	F	12	Rot. <sup>2</sup>	12 58213 096700
Toledo	B. K. Bradford	418	18,283	533	10,073	29,763	22,347	6000	FP	11	Rot. <sup>0,1</sup>	11 58320 096810
	O. C. Keller									2	Rot. <sup>2</sup>	2 58313 096815
	W. L. Woodward									1	Rot. <sup>3</sup>	1 58315 096820
	J. C. Roberts									1	Rot. <sup>4</sup>	1 58314 096825
	W. Nordin									1	Rot. <sup>5</sup>	1 58386 096830
<b>Warren</b>												
Trumbull Memorial	R. W. Juvancic	315	15,044	419	3,866	19,364	32,395	7200	P	12	Rot. <sup>0</sup>	12 98011 097010
										1	Rot. <sup>1</sup>	1 98012 097015
										1	Rot. <sup>2</sup>	1 98013 097020
										1	Rot. <sup>3</sup>	1 98015 097025
										1	Rot. <sup>4</sup>	1 98014 097030
<b>Youngstown</b>												
St. Elizabeth	S. V. Squicquero	481	19,664	598	11,246	24,677	40,119	4800	F*	21	Rot. <sup>0,1,2,3,4</sup>	21 58420 097200
Youngstown	B. Decker	699	24,875	925	11,053	33,555	90,350	4800	F*	24	Rot. <sup>0,1,2,3,4,5,7,8</sup>	24 58520 097310
	W. Bunn, Jr.									4	St. Med.	4 58532 097315
	F. Invi									2	St. Surg.	2 58533 097320
<b>OKLAHOMA—HOSPITALS, 9; INTERNSHIPS, 111</b>												
<b>Oklahoma City</b>												
Baptist Memorial	Dir. of Med. Educ.	286	13,359	273	2,221	14,566	6,310	8100	P	10	Rot. <sup>0,1,2,3,5,6,7,8</sup>	10 83020 097600
Mercy Hospital Oklahoma City General	M. B. Shook	186	8,905	344	6,905	13,656	20,709	7800	P	12	Rot. <sup>0</sup>	12 58611 097700
St. Anthony	L. Long, Jr.	473	20,147	579	21,576	22,410	2,221	8400	P	14	Rot. <sup>0</sup>	14 58720 097805
University of Oklahoma Medical Center		343	9,313	369	88,237	9,044	...	4500	P	4	Rot. <sup>3</sup>	4 58815 097955
University of Oklahoma Hospitals	T. N. Lynn									4	St. Ped.	4 58834 097960
University of Oklahoma Hospitals—Presbyterian Hospitals	T. N. Lynn	343	9,313	369	88,237	9,044	...	5250	P	12	Rot. <sup>1,2,3,4,5,7,8</sup>	12 59020 098100
University of Oklahoma Hospitals—Presbyterian		160	8,951	205	7,450	2,905	...	4500	P			
University of Oklahoma Hospitals—Veterans Admin.	T. N. Lynn	...	...	...	...	...	...	4500	P	12	St. Med.	12 58932 098410
University of Oklahoma Hospitals—Veterans Admin.		407	6,553	380	...	...	...	...		8	St. Surg.	8 58933 098415
<b>Tulsa</b>												
Hillcrest Medical Center	J. M. Hill, Jr.	353	15,926	463	25,679	18,306	...	...	P	16	Rot. <sup>0,00</sup>	16 59120 098800
St. Francis	R. G. Tompkins	263	11,603	233	...	8,762	...	8100	P	12	Rot. <sup>0</sup>	12 59311 098900
St. John's	J. G. Moore	535	20,759	620	12,477	20,802	4,772	8400	P	16	Rot. <sup>0,1,2,3,4</sup>	16 59220 099000
<b>OREGON—HOSPITALS, 8; INTERNSHIPS, 106</b>												
<b>Portland</b>												
Emanuel	W. J. Kuhl, Jr.	385	18,715	444	13,731	16,415	32,670	6000	P	16	Rot. <sup>0,1,2,3,4,5,7,8</sup>	16 59420 099300
Good Samaritan Hospital and Medical Center	S. S. Meighan	364	17,292	4331	2,059	13,908	13,972	6000	P	12	Rot. <sup>0,1,2,5</sup>	12 59520 099410
	R. L. Hare									2	St. Med.	2 59532 099415
	H. W. Baker									2	St. Surg.	2 59533 099420
	M. Heinemann									1	St. Path.	1 59536 099425
Portland Sanitarium and Hospital	C. E. Syphers	201	9,664	344	300	14,451	3,601	4800	P	10	Rot. <sup>0,1,2</sup>	10 59620 099500
Providence	J. F. Lane	283	12,782	432	2,016	13,510	2,145	6000	P	12	Rot. <sup>0,1</sup>	12 59720 099600
St. Vincent	D. B. Miller, Jr.	280	13,265	432	1,065	7,547	10,990	6000	P	6	St. Surg.	6 59833 099700
University of Oregon Medical School Hospitals and Clinics	C. N. Holman	506	13,099	659	128,081	23,495	...	3600	FP	36	Rot. <sup>0</sup>	36 59911 099855
	S. R. Wellings									1	St. Path.	1 59936 099860
University of Oregon Medical School Hospitals—Veterans Admin. Hospital	H. P. Lewis	...	...	...	...	...	...	3600	FP*	8	St. Med.	8 59932 099900
University of Oregon Medical School Hospitals and Clinics		506	13,099	659	128,081	23,495	...	...				
Veterans Admin		494	7,568	334	27,607	1,450	...	...				

APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRMP	NIRMP Code
<b>PENNSYLVANIA--HOSPITALS, 75; INTERNSHIPS, 1,131</b>												
<b>Abington</b>												
Abington MemorialΔ	P. M. Roediger	392	14,607	503	25,411	20,065	194,077	5400	P*	16 Rot. <sup>2</sup>	16	60013 100400
<b>Allentown</b>												
Allentown	F. D. Fister	478	16,813	664	14,009	21,724	60,733	6000	F	16 Rot. <sup>0,1,2</sup>	16	60120 100600
Sacred Heart	E. K. Sipes	286	10,816	436	5,632	22,474	47,795	3600	F*	10 Rot. <sup>2</sup>	10	60213 100700
<b>Altoona</b>												
Altoona	P. W. Hoovler	369	13,340	553	11,049	9,704	18,975	6000	F	16 Rot. <sup>0</sup>	16	60311 100900
<b>Bethlehem</b>												
Bethlehem	M. L. Sheppeck	390	12,727	615	8,956	19,529	55,679	5400	F*	14 Rot. <sup>0,1,2</sup>	14	60520 101100
<b>Bristol</b>												
Lower Bucks	S. Vine	100	13,029	243	4,840	26,153	14,826	6000	F*	8 Rot. <sup>0</sup>	8	97411 101300
<b>Bryn Mawr</b>												
Bryn Mawr	J. T. Magee	324	12,979	479	10,079	19,851	142,118	7500	P	8 Rot. <sup>0,1,2,3,4,5,8</sup> 3 St. Med. 3 St. Surg.	8 3 3	60620 101505 60632 101510 60633 101515
<b>Chester</b>												
Crozer-Chester Medical Center	J. H. Loucks	334	12,340	377	8,688	19,872	102,124	4800	F*	8 Rot. <sup>0,1,2,3</sup>	8	60720 101700
<b>Danville</b>												
Geisinger Medical CenterΔ	R. Eyerly	314	13,408	447	154,949	6,943	...	3900	P	15 Rot. <sup>0,1,2</sup>	15	60820 101900
<b>Darby</b>												
Thomas M Fitzgerald MercyΔ	A. R. Hervada	298	11,487	386	15,041	22,445	26,859	6000	F	16 Rot. <sup>0,1,2,3,4</sup>	16	60920 102100
<b>Drexel Hill</b>												
Delaware County Memorial	E. D. Arsh	265	8,848	414	4,393	18,240	21,798	6000	FP*	8 Rot. <sup>2</sup>	6	85813 102300
<b>Easton</b>												
Easton	G. Joseph, A. Kaspar	260	9,032	441	20,903	23,662	31,931	4800	FP	10 Rot. <sup>0</sup>	10	61011 102500
<b>Erie</b>												
Hamot	G. J. D'Angelo	367	15,517	511	44,070	21,251	113,322	7200	P	12 Rot. <sup>0,1,2,3,4</sup>	12	61120 102700
St. Vincent	J. F. Hartman	406	18,244	612	12,813	26,438	88,347	6300	F*	10 Rot. <sup>0</sup>	10	61211 102800
<b>Greensburg</b>												
Westmoreland	J. Fong	224	81,906	388	4,591	14,594	53,863	7200	P*	8 Rot. <sup>2</sup>	8	61313 103000
<b>Harrisburg</b>												
HarrisburgΔ	C. Smith, K. Quickel G. Weber	600	18,855	786	49,925	26,390	16,372	6600	F	20 Rot. <sup>0,1,2,3,4,5,7,8</sup> 4 Rot. <sup>6</sup>	20 4	61420 103200 61476 103250
Harrisburg Polyclinic	L. H. Warbasse Jr.	618	17,839	677	15,039	14,818	47,421	6700	F	21 Rot. <sup>0,1,2,3,4</sup>	21	61520 103300
<b>Johnstown</b>												
Conemaugh Valley Memorial	S. A. Goldblatt	397	15,204	544	9,386	43,155	17,528	6000	F	12 Rot. <sup>0,1</sup>	12	61620 103500
Mercy Hospital of Johnstown	D. C. Borecky	190	8,132	220	499	13,255	10,836	4800	F	6 Rot. <sup>0</sup>	6	81611 103600
<b>Lancaster</b>												
Lancaster General	Intern-Res. Ed. Comm	394	16,864	534	11,387	14,994	64,340	5100	F	12 Rot. <sup>0</sup>	12	61811 103800
St. Joseph	N. B. Kornfield	269	10,354	...	...	...	...	...	...	6 Rot. <sup>8</sup>	6	61977 103850
<b>Mc Keesport</b>												
Mc Keesport	W. A. Hacker	492	15,432	763	15,681	36,703	94,156	5400	FP*	12 Rot. <sup>0</sup>	12	62011 104000
<b>Norristown</b>												
Montgomery	R. E. Carlson	218	10,836	329	21,894	28,951	37,909	5400	F	6 Rot. <sup>0</sup>	6	62111 104050
<b>Norristown</b>												
<b>Philadelphia</b>												
Albert Einstein Medical CenterΔ	J. Chapman T. Durant M. Pareira	853	26,617	1,2691	72,205	42,807	41,676	4800	P	26 Rot. <sup>0</sup> 15 St. Med. 5 St. Surg.	26 15 5	63120 104410 63132 104415 63133 104420
Chestnut HillΔ	C. R. Brown, Jr. Z. Woo	179	7,252	220	5,334	10,060	84,333	5400	F	8 Rot. <sup>0,1,2,5,8</sup> 1 St. Path.	8 1	91020 104550 91036 104555
Children's Hospital of PhiladelphiaΔ	D. Cornfeld	120	7,425	187	40,500	12,873	...	5300	P	15 St. Ped.	15	86334 104600
Episcopal	K. Douwes W. I. Geffer L. Stahlgren	287	8,531	451	31,774	25,915	20,212	4260	P	8 Rot. <sup>0,1,2,3,5,7</sup> 2 St. Med. 2 St. Surg.	8 2 2	62320 104710 62332 104715 62333 104720
Frankford	D. H. Greene	187	8,256	366	12,100	21,646	4,275	4800	F*	10 Rot. <sup>0</sup>	10	62411 104850
Germantown Dispensary and Hospital	J. Helwig, Jr.	283	9,371	583	21,261	21,609	11,400	6000	FP*	13 Rot. <sup>0,1,2,3,4</sup>	13	62520 104900
Graduate Hospital of the University of PennsylvaniaΔ	D. J. Daley H. J. Tumen	286	7,513	414	50,510	14,261	12,813	4600	FP*	15 Rot. <sup>0,1,2</sup> 3 St. Med.	15 3	62620 105000 62632 105050
Hahnemann Medical College and Hospital	W. W. Oaks P. James, Jr. E. Shaheen J. Imbriglia	437	12,363	633	64,359	23,556	25,000	4200	P	10 St. Med. 8 St. Surg. 3 St. Ped. 2 St. Path.	10 8 3 2	62732 105110 62733 105115 62734 105120 62736 105125
Hospital of the University of PennsylvaniaΔ	W. J. Williams J. E. Rhoads H. T. Enterline	741	23,855	723	102,694	28,331	...	4500	P*	28 St. Med. 24 St. Surg. 2 St. Path.	28 24 2	62832 105210 62833 105215 62836 105220
Hospital of the Woman's Medical College of Pennsylvania	D. A. Howell D. R. Cooper D. A. Howell I. N. Dubin	184	6,760	207	33,446	18,258	...	5000	...	2 Rot. <sup>4</sup> 4 St. Surg. 4 St. Ped. 2 St. Path.	2 4 4 2	84914 105420 84933 105425 84934 105430 84936 105435
Hospital of Woman's Medical College of Pa. - Veterans Admin.	R. Myerson	...	...	...	...	...	...	5000	P	4 Rot. <sup>1</sup> 6 St. Med.	4 6	84912 105520 84932 105525
Hospital of the Woman's Medical College of Pennsylvania	...	184	6,760	207	33,446	18,258	...	...	...	...	...	...
Veterans Admin.	...	446	5,918	509	27,311	1,710	...	...	...	...	...	...
Jefferson Medical CollegeΔ	J. M. Hunter	635	19,489	640	126,000	19,000	22,000	5000	...	18 Rot. <sup>0</sup> 12 St. Med.	18 12	63020 105720 63032 105725
LankenauΔ	A. P. Angelides	351	12,593	437	24,775	16,289	...	6300	O	14 Rot. <sup>0,1,2,3,4,5,7,8</sup>	14	63220 105800
Memorial	A. W. Waddington	161	5,761	305	2,052	7,701	42,205	4200	F	6 Rot. <sup>0</sup>	6	63311 105900
Mercy-Douglass	R. G. Morris, Jr.	232	5,327	200	15,491	11,138	4,496	5100	F*	8 Rot. <sup>2</sup>	8	63413 106000
MethodistΔ	J. F. McCloskey	213	8,253	316	18,507	19,827	13,420	5400	O	8 Rot. <sup>0</sup>	8	63511 106100
MisericordiaΔ	H. E. Marx N. N. Cohen	297	10,062	543	18,609	23,599	13,836	6000	P	15 Rot. <sup>0</sup> 3 St. Med.	15 3	63620 106210 63632 106215
Nazareth	J. D. Casey	268	10,716	396	11,475	26,695	60,479	6000	F	18 Rot. <sup>0,1,2,3,4,6</sup>	18	63820 106300
Northeastern Hospital of Philadelphia	M. S. Mandell	132	4,829	188	14,441	13,037	5,944	6000	F	8 Rot. <sup>2</sup>	8	97513 106400
PennsylvaniaΔ	Intern Committee	376	13,778	694	72,640	21,523	70,116	6000	O	10 Rot. <sup>0</sup> 4 St. Med. 4 St. Surg.	10 4 4	63911 106501 63932 106506 63933 106511

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRM	NIRM Code	
<b>PENNSYLVANIA, Philadelphia—Continued</b>													
Philadelphia General△		1,094	23,896	1,313	225,833	93,618	...	6300	O				
Combined Divisions	J. Ritter, S. Ziegler	...	...	...	...	...	...	...	6	St. Ped.	6	64034	
Hahnemann Medical College Division	K. Berkley	...	...	...	...	...	...	...	4	Rot. <sup>2</sup>	4	64013	
	P. James	...	...	...	...	...	...	...	2	Rot. <sup>3</sup>	2	64015	
	E. Coodley	...	...	...	...	...	...	...	12	Rot. <sup>9</sup>	12	64020	
	E. Coodley	...	...	...	...	...	...	...	10	St. Med.	10	64032	
Jefferson Medical College Division	J. Mock	...	...	...	...	...	...	...	3	Rot. <sup>6</sup>	3	64076	
	H. Brodovsky	...	...	...	...	...	...	...	19	Rot. <sup>9</sup>	19	64040	
	H. Brodovsky	...	...	...	...	...	...	...	6	St. Med.	6	64030	
University of Pennsylvania Division	W. Erb	...	...	...	...	...	...	...	5	Rot. <sup>2</sup>	5	64070	
	H. Dillon	...	...	...	...	...	...	...	4	Rot. <sup>8</sup>	4	64080	
	T. Schnabel	...	...	...	...	...	...	...	10	Rot. <sup>9</sup>	10	64060	
	T. Schnabel	...	...	...	...	...	...	...	9	St. Med.	9	64050	
Presbyterian - University of Pennsylvania Medical Center△	W. J. Somerville	278	10,367	403	28,949	25,590	14,816	5100	P*	6	Rot. <sup>2</sup>	6	64113
		...	...	...	...	...	...	...	...	3	Rot. <sup>4</sup>	3	64114
		...	...	...	...	...	...	...	...	1	Rot. <sup>8</sup>	9	64177
		...	...	...	...	...	...	...	...	2	St. Surg.	2	64133
		...	...	...	...	...	...	...	...	10	St. Med.	10	64132
		...	...	...	...	...	...	...	...	1	St. Path.	1	64136
St. Agnes	J. P. Cossa	189	7,103	337	8,050	12,299	5,080	6000	P	10	Rot. <sup>0</sup>	10	64211
St. Christopher's Hospital for Children	V. C. Vaughn, 3rd	125	6,168	110	56,181	24,187	...	4000	O	9	St. Ped.	9	65334
St. Joseph's	T. J. Maye	163	5,571	202	14,695	12,067	...	4800	F*	6	Rot. <sup>0</sup>	6	64311
St. Luke's and Children's Medical Center	J. H. Davidson	252	8,317	283	21,384	16,891	...	6000	F	12	Rot. <sup>0</sup>	12	64411
St. Mary's Franciscan	A. M. Alberico	179	6,118	251	7,065	9,501	7,358	6000	P	8	Rot. <sup>2</sup>	8	64513
Temple University	R. R. De Alvarez	683	18,831	820	136,465	43,568	54,610	4000	P	6	Rot. <sup>3</sup>	6	64615
	G. P. Rosemond	...	...	...	...	...	...	...	...	4	St. Surg.	4	64633
	S. Sherry	...	...	...	...	...	...	...	...	20	St. Med.	20	64632
	A. R. Peale	...	...	...	...	...	...	...	...	3	St. Path.	3	64636
Veterans Admin. - See Hospital of the Woman's Medical College of Pennsylvania-Vet. Adm.													
<b>Pittsburgh</b>													
Allegheny General	J. G. Shively	497	15,865	635	32,553	41,206	54,602	7200	P	10	Rot. <sup>1</sup>	10	64812
	D. D. Davis	...	...	...	...	...	...	...	...	6	Rot. <sup>2</sup>	6	64813
Health Center Hospitals of the University of Pittsburgh		...	...	...	...	...	...	...	...	...	...	...	
Children's Hospital of Pittsburgh	D. N. Medearis, Jr.	217	8,606	240	35,654	19,890	1,118	4500	O	12	St. Ped.	12	65234
Magee-Womens	D. L. Hutchinson	333	15,034	235	42,664	4,599	30,800	7000	P	4	Rot. <sup>3</sup>	4	65215
Presbyterian-University△	J. Myers	428	11,252	484	55,649	13,626	5,021	5000	O	24	St. Med.	24	65232
	H. Bahnsen	...	...	...	...	...	...	...	...	10	St. Surg.	10	65233
	H. Fennel	...	...	...	...	...	...	...	...	5	St. Path.	5	65236
Mercy Hospital of Pittsburgh	F. J. Luparello	528	17,160	656	29,636	23,486	36,599	6000	P	18	Rot. <sup>1,2,3,4,5,7,8</sup>	18	64920
	S. Hirsch	...	...	...	...	...	...	...	...	6	St. Med.	6	64932
Montefiore△	P. Troen	379	12,408	536	22,654	13,400	21,871	5500	P	9	Rot. <sup>9,11,2,5,7,8</sup>	9	65020
	R. N. Mc Garvey	...	...	...	...	...	...	...	...	12	St. Med.	12	65032
Pittsburgh	R. N. Mc Garvey	196	7,450	281	7,626	17,120	25,568	5400	F*	6	Rot. <sup>0</sup>	6	65111
St. Francis General	W. W. Carlson	739	17,508	681	26,132	42,290	64,224	8100	FP	22	Rot. <sup>9,1,2</sup>	22	88120
St. Joseph's Hospital and Dispensary	L. J. Levy	154	5,557	208	5,508	15,272	6,751	7200	F	6	Rot. <sup>0</sup>	6	65511
St. Margaret Memorial	P. W. Dishart	215	6,731	186	4,908	13,406	17,110	7800	F	10	Rot. <sup>2</sup>	10	65613
ShadySide	K. H. Franz	335	10,479	478	4,022	8,574	32,998	6000	F	14	Rot. <sup>2</sup>	14	65713
South Side	L. M. Rosenbach	302	10,455	411	10,854	20,163	40,107	7200	F	9	Rot. <sup>0</sup>	9	65811
Western Pennsylvania	F. M. Mateer	493	17,930	5261	16,557	17,983	32,750	5400	P	12	Rot. <sup>0</sup>	12	65911
		...	...	...	...	...	...	...	...	5	St. Med.	5	65932
		...	...	...	...	...	...	...	...	5	St. Surg.	5	65933
		...	...	...	...	...	...	...	...	2	St. Path.	2	65936
<b>Pottsville</b>													
Pottsville Hospital and Warne Clinic	E. W. Cubler	303	9,304	352	3,088	10,199	8,916	6000	FO	6	Rot. <sup>0</sup>	6	84711
<b>Reading</b>													
Reading	J. R. Mc Shane	542	17,249	680	18,790	13,079	...	6000	F	12	Rot. <sup>0,1</sup>	12	66120
	R. C. Hoyt	...	...	...	...	...	...	...	...	2	St. Med.	2	66132
	W. K. Runyeon	...	...	...	...	...	...	...	...	2	St. Surg.	2	66133
<b>Sayre</b>													
Robert Packer	W. S. Gibbs	231	10,734	276	97,553	16,336	...	4200	FP	12	Rot. <sup>0,1,2</sup>	12	66420
<b>Uniontown</b>													
Uniontown	W. Ayres	229	8,596	503	2,509	19,783	7,104	7200	F*	7	Rot. <sup>0</sup>	7	66811
<b>Washington</b>													
Washington	R. W. Stinely	396	15,124	566	29,641	16,753	55,174	8000	F	12	Rot. <sup>0,00</sup>	12	66920
<b>West Chester</b>													
Chester County	W. Kester	172	7,634	218	4,759	13,890	30,521	6000	F	6	Rot. <sup>0</sup>	6	88211
<b>Wilkes-Barre</b>													
Mercy	J. F. Dreier	230	7,536	309	4,202	7,325	1,126	6000	F	6	Rot. <sup>2</sup>	6	67013
Wilkes-Barre General	D. V. Grow	299	9,830	491	9,836	8,681	36,521	4200	F	10	Rot. <sup>0</sup>	10	67111
<b>Wilkesburg</b>													
Columbia	E. J. Holzinger	250	8,556	367	5,145	36,349	64,852	6000	FP	6	Rot. <sup>0</sup>	9	67211
<b>Williamsport</b>													
Williamsport	D. L. Mc Morris	283	11,390	408	6,608	21,262	53,827	4800	FP*	8	Rot. <sup>0</sup>	8	67311
<b>York</b>													
York△	R. L. Evans	485	21,162	441	21,653	26,432	44,652	6000	F	21	Rot. <sup>00,5,10</sup>	21	67420
		...	...	...	...	...	...	...	...	3	St. Surg.	3	67433
<b>PUERTO RICO--HOSPITALS, 6; INTERNSHIPS, 142</b>													
<b>Hato Rey</b>													
Auxilio Mutuo	A. F. De Juan	125	5,831	135	26,531	12,932	...	7200	F	6	Rot. <sup>1</sup>	...	111600
		...	...	...	...	...	...	...	...	4	Rot. <sup>2</sup>	...	111650
<b>Ponce</b>													
Hospital De Damas	M. Perez Arzola	136	7,391	71	5,024	5,343	...	6000	F	5	Rot. <sup>0,2</sup>	...	111800
Ponce District General	B. Pinero	386	12,195	650	54,014	26,138	...	3660	F	17	Rot. <sup>0</sup>	...	111900
	M. Lopez Rodriguez	...	...	...	...	...	...	...	...	1	Rot. <sup>4</sup>	...	111950
<b>San Juan</b>													
Municipal Hospital Dr. Rafael Lopez Nussa	J. R. Passalacqua	384	17,373	...	79,804	24,142	...	4500	P	36	Rot. <sup>0,1,2,3,5,7,8</sup>	...	112101
		...	...	...	...	...	...	...	...	8	St. Med.	...	112106
		...	...	...	...	...	...	...	...	4	St. Surg.	...	112111
		...	...	...	...	...	...	...	...	6	St. Ped.	...	112116

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<b>PUERTO RICO--Continued</b>												
<b>San Juan</b>												
University District	L. Haddock	314	13,250	592	100,495	32,673	8,472	4500	P	27 Rot. <sup>0</sup>	..	112410
										6 St. Med.	..	112415
										6 St. Surg.	..	112420
										4 St. Ped.	..	112425
										4 St. Path.	..	112430
Veterans Admin.	E. Ramirez	185	3,614	99	78,064	...	...	4725	O	8 St. Med.	..	112460
<b>RHODE ISLAND--HOSPITALS; 6, INTERNSHIPS, 78</b>												
<b>Newport</b>												
Newport	M. A. Chernow	199	7,083	259	837	12,036	13,309	7200	FP	8 Rot. <sup>0</sup>	8	67511 112700
<b>Pawtucket</b>												
MemorialΔ	H. H. Magendantz	210	8,991	466	10,088	27,997	...	6000	F*	6 Rot. <sup>0</sup>	6	67611 112905
										1 Rot. <sup>1</sup>	1	67612 112910
										1 Rot. <sup>2</sup>	1	67613 112915
<b>Providence</b>												
Miriam	A. M. Burgess	180	6,258	177	4,466	10,401	6,000	6500	F	12 Rot. <sup>0</sup>	12	95311 113100
Rhode IslandΔ	W. J. H. Fischer, Jr.	602	21,408	1,021	54,164	49,318	41,371	6000	P	12 Rot. <sup>00,1</sup>	12	67720 113200
	L. L. Vargas									10 Rot. <sup>2</sup>	10	67713 113250
	M. W. Hamolsky									6 St. Med.	6	67732 113300
Roger Williams General	H. E. Darrah	188	7,442	334	4,527	19,918	23,851	6000	FP*	8 Rot. <sup>1,2,4,7</sup>	8	67820 113310
St. Joseph's	S. I. Magalini	210	8,120	277	14,112	22,443	16,256	6000	FP	14 Rot. <sup>0</sup>	14	67911 113400
<b>SOUTH CAROLINA--HOSPITALS, 5; INTERNSHIPS, 101</b>												
<b>Charleston</b>												
Medical College of South Carolina		292	11,104	356	101,763	35,766	24,791	4200		22 Rot. <sup>0</sup>	22	68020 113810
Teaching Hospitals	M. G. Weidner, Jr.									8 St. Med.	8	68032 113815
Medical College	K. T. Mc Kee									8 St. Surg.	8	68033 113820
	C. P. Artz									3 St. Ped.	3	68034 113825
	M. C. Westphal, Jr.									6 St. Path.	6	68036 113830
	G. R. Hennigar											
<b>Columbia</b>												
Columbia Hospital of Richland County	D. C. Mitchell, Jr.	400	15,283	693	23,476	34,994	54,081	6000	P	15 Rot. <sup>0,00</sup>	15	68120 114000
<b>Florence</b>												
McLeod Infirmary	E. R. Jones	271	11,110	390	4,072	9,636	...	6300	O	6 Rot. <sup>0</sup>	6	68211 114200
<b>Greenville</b>												
Greenville General	C. M. Easley	583	24,060	780	31,937	38,300	19,745	5400	P	18 Rot. <sup>0</sup>	18	68311 114400
<b>Spartanburg</b>												
Spartanburg General	Dir. Med. Education	409	18,483	636	14,293	29,318	99,059	7800	P	15 Rot. <sup>0,00</sup>	15	68520 114600
<b>SOUTH DAKOTA--HOSPITALS, 2; INTERNSHIPS, 12</b>												
<b>Sioux Falls</b>												
Mc Kennan	G. F. Tuohy	238	9,988	170	728	7,314	9,580	4800	F	6 Rot. <sup>0</sup>	6	68611 114900
Sioux Valley	R. E. Nelson	242	11,558	314	876	6,732	5,027	4800	F	6 Rot. <sup>0</sup>	6	68711 115000
<b>TENNESSEE--HOSPITALS, 281; INTERNSHIPS, 276</b>												
<b>Chattanooga</b>												
Baroness Erlanger	J. P. Pappas	533	27,106	891	34,081	31,310	...	6300	F	14 Rot. <sup>0,1,2,3,4,5,8</sup>	14	68920 115310
<b>Knoxville</b>												
University of Tennessee Memorial Research Center and Hospital	A. D. Beasley	249	9,693	416	40,312	20,334	...	4800	F	10 Rot. <sup>1</sup>	10	83912 115510
										5 Rot. <sup>2</sup>	5	83913 115515
										2 Rot. <sup>3</sup>	2	83915 115520
										2 Rot. <sup>4</sup>	2	83914 115525
										1 Rot. <sup>5</sup>	1	83986 115530
<b>Memphis</b>												
Baptist Memorial	J. D. Upshaw, Jr.	974	39,935	997	9,387	23,049	131,119	5100	F	26 Rot. <sup>0</sup>	26	69420 115710
										4 St. Med.	4	69432 115715
										6 St. Surg.	6	69433 115720
										2 St. Path.	2	69436 115725
City of Memphis Hospitals	H. L. Davis	666	26,373	1,287	162,252	84,814	...	4200	F	36 Rot. <sup>0</sup>	36	84411 115810
	L. Wrubbe									8 Rot. <sup>1</sup>	8	84412 115815
	J. Runyan									8 St. Med.	8	84432 115820
	R. Sherman									4 St. Surg.	4	84433 115825
	R. Summitt									6 St. Ped.	6	84434 115830
Methodist	T. V. Stanley	706	32,344	731	13,569	25,418	81,951	4800	F	16 Rot. <sup>0,2</sup>	16	69620 115910
	J. K. Duckworth									1 St. Path.	1	69636 115915
St. Joseph	E. J. Spiotta	379	16,743	519	8,964	16,046	20,943	4800	FP	16 Rot. <sup>0</sup>	16	69711 116010
	H. L. Davis									2 Rot. <sup>1</sup>	2	69712 116015
	D. H. James, Jr.									1 Rot. <sup>4</sup>	1	69714 116030
	L. C. Prieto									1 Rot. <sup>5</sup>	1	69786 116035
<b>Nashville</b>												
Baptist	E. A. Rogers	410	16,074	414	4,865	16,981	...	7200	O	16 Rot. <sup>0</sup>	16	69911 116210
George W. Hubbard Hospital of Meharry Medical College	F. Perry	173	6,132	320	39,960	16,273	198	4500	F	12 Rot. <sup>0,1,2,3,4,5,6,7</sup>	..	116320
										4 St. Med.	..	116325
										2 St. Ped.	..	116330
										4 Rot. <sup>0</sup>	4	70111 116420
										2 Rot. <sup>1</sup>	2	70112 116425
										2 Rot. <sup>2</sup>	2	70113 116430
										2 Rot. <sup>3</sup>	2	70115 116435
										2 Rot. <sup>4</sup>	2	70114 116440
										1 Rot. <sup>5</sup>	1	70186 116445
										1 Rot. <sup>7</sup>	1	70142 116450
										1 Rot. <sup>8</sup>	1	70177 116455

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<b>TENNESSEE, Nashville—Continued</b>													
Vanderbilt University Affiliated Hospitals													
	D. E. Rogers	...	...	...	...	...	...	4800	23 St. Med.	23	70232	116520	
	H. W. Scott	...	...	...	...	...	...	...	18 St. Surg.	18	70233	116525	
	A. Christie	...	...	...	...	...	...	...	10 St. Ped.	10	70234	116530	
	J. Shapiro	...	...	...	...	...	...	...	5 St. Path.	5	70236	116535	
	D. A. Gross	...	...	...	...	...	...	...	2 St. Obg.	2	70235	116540	
Vanderbilt University		422	14,941	589	75,197	31,464	...	...					
Nashville Metropolitan General		147	6,005	297	58,874	26,889	...	...					
Veterans Admin.		460	6,562	315	36,186	...	...	...					
<b>TEXAS--HOSPITALS, 26; INTERNSHIPS, 479</b>													
<b>Austin</b>													
Brackenridge	R. W. Pape	222	9,865	435	28,996	25,785	75,905	8400	P*	12 Rot. <sup>9</sup>	12	70420	117100
<b>Corpus Christi</b>													
Memorial Medical Center	V. C. Calma	272	13,270	355	19,475	17,828	...	7200	FP*	10 Rot. <sup>9</sup>	10	70511	117300
<b>Dallas</b>													
Baylor University Medical Center	R. Tompssett	676	32,535	811	16,060	23,380	71,637	6000	O	18 Rot. <sup>1,2,4,5</sup>	18	70620	117515
	R. Tompssett	...	...	...	...	...	...	...	3 St. Med.	3	70632	117520	
	R. S. Sparkman	...	...	...	...	...	...	...	3 St. Surg.	3	70633	117525	
	G. Race	...	...	...	...	...	...	...	3 St. Path.	3	70636	117530	
Children's Medical Center	H. Eichenwald	128	6,312	236	69,211	30,827	...	6000	P	10 St. Ped.	10	95534	117610
Methodist Hospital of Dallas	J. W. Davidson, Jr.	329	119,949	451	14,884	18,257	16,961	6000	P	18 Rot. <sup>2</sup>	18	70713	117700
	G. Noteboom	...	...	...	...	...	...	...	1 St. Path.	1	70736	117750	
Parkland Memorial	Dept. Chairmen	602	20,585	1,049	219,233	134,360	...	4800	P	27 Rot. <sup>0</sup>	27	70811	117810
		...	...	...	...	...	...	...	3 Rot. <sup>3</sup>	3	70815	117815	
		...	...	...	...	...	...	...	13 St. Med.	13	70832	117820	
		...	...	...	...	...	...	...	10 St. Surg.	10	70833	117825	
		...	...	...	...	...	...	...	5 St. Path.	5	70836	117830	
Presbyterian Hospital of Dallas	W. N. Skinner	163	9,164	132	5,752	227	772	6000	P	12 Rot. <sup>0,1,2,3,5,6,8</sup>	12	71920	117910
St. Paul	D. A. Sutherland	436	21,127	522	19,127	17,819	...	6000	P	14 Rot. <sup>2</sup>	14	70913	118000
	J. H. Childers	...	...	...	...	...	...	...	1 St. Path.	1	70936	118050	
Veterans Admin.	S. Eisenberg	741	9,305	642	...	...	...	4410	P	15 St. Med.	15	88732	118100
<b>El Paso</b>													
R. E. Thomason General	M. I. Marks	170	5,300	300	32,224	22,246	...	9000	P	14 Rot. <sup>0,10</sup>	14	71020	118300
<b>Fort Worth</b>													
Harris Hospital - Fort Worth Medical Center	C. B. Mitchell	463	20,014	579	7	11,541	...	4800	P	3 St. Path.	3	71236	118500
John Peter Smith	W. W. Goldman, Jr.	160	8,384	376	66,375	45,016	...	5100	FP	21 Rot. <sup>2,10</sup>	21	71120	118610
St. Joseph	W. S. Lorimer, Jr.	262	12,791	413	...	7,162	1,693	4800	F	8 Rot. <sup>0</sup>	8	71311	118700
<b>Galveston</b>													
University of Texas Medical Branch Hospitals	W. J. Mc Ganity	839	15,877	660	105,333	21,718	...	5700	P	6 Rot. <sup>2</sup>	6	71415	118915
	F. L. Jennings	...	...	...	...	...	...	...	1 Rot. <sup>5</sup>	1	71486	118920	
	H. Ford	...	...	...	...	...	...	...	5 Rot. <sup>6</sup>	5	71476	118925	
	C. Allen	...	...	...	...	...	...	...	3 Rot. <sup>8</sup>	3	71477	118930	
	W. P. Deiss	...	...	...	...	...	...	...	12 St. Med.	12	71432	118935	
	S. R. Snodgrass	...	...	...	...	...	...	...	8 St. Surg.	8	71433	118940	
	C. Daeschner, Jr.	...	...	...	...	...	...	...	7 St. Ped.	7	71434	118945	
<b>Houston</b>													
Baylor University Affiliated Hospitals	G. L. Jordan, Jr.	402	16,830	750	219,283	51,854	...	4200	P	26 Rot. <sup>9</sup>	26	71620	119240
Ben Taub General		...	...	...	...	...	...	...					
Ben Taub General Hospital - Methodist	M. E. De Bakey	...	...	...	...	...	...	...	6 St. Surg.	6	71633	119310	
Ben Taub General - Methodist		402	16,830	750	219,283	51,854	...	4200	P				
Ben Taub General - St. Luke's		756	27,565	631	97,851	22,221	...	4800	P				
Ben Taub General - St. Luke's	M. E. De Bakey	...	...	...	...	...	...	...	6 St. Surg.	6	71698	119610	
Ben Taub General - St. Luke's		402	16,830	750	219,283	51,854	...	4200	O				
Ben Taub General - St. Luke's		271	13,051	310	1,458	4,075	6,828	4200	O				
Ben Taub General - St. Luke's		86	5,694	124	17,526	4,552	6,226	4200	O				
Ben Taub General - St. Luke's	R. J. Blattner	...	...	...	...	...	...	...	16 St. Ped.	16	71634	120010	
Ben Taub General - St. Luke's	R. M. O Neal	...	...	...	...	...	...	...	3 St. Path.	3	71636	120015	
Ben Taub General - St. Luke's		402	16,830	750	219,283	51,854	...	4200	P				
Ben Taub General - St. Luke's		86	5,694	124	17,526	4,552	6,226	4200	O				
Ben Taub General - St. Luke's	H. Brown	...	...	...	...	...	...	...	15 St. Med.	15	71632	120310	
Ben Taub General - St. Luke's	S. R. Snodgrass	...	...	...	...	...	...	...	6 -St. Surg.	6	71697	120315	
Ben Taub General - St. Luke's		402	16,830	750	219,283	51,854	...	4200					
Ben Taub General - St. Luke's		1,193	11,322	771	75,134	...	...	...					
Ben Taub General - St. Luke's	H. W. Cummings, Jr.	756	27,565	631	97,851	22,221	...	4800	P	18 St. Med.	18	71732	120610
Ben Taub General - St. Luke's	L. J. Crozier	576	25,590	563	80,142	21,355	7,758	6000	P	18 Rot. <sup>0</sup>	18	71511	120700
Ben Taub General - St. Luke's	R. H. Barr	673	38,377	741	13,856	36,148	79,170	9600	P	10 Rot. <sup>0</sup>	10	98211	120800
Ben Taub General - St. Luke's	J. E. Dailey	481	23,801	448	18,486	13,844	16,821	6000	P	12 Rot. <sup>0,1,2,3,4,5</sup>	12	71820	120901
Ben Taub General - St. Luke's		...	...	...	...	...	...	...	1 St. Path.	1	71836	120906	
Texas Children's - See Baylor Univ. Affiliated Hospitals													
<b>San Antonio</b>													
Baptist Memorial	R. B. Wait	447	22,934	661	6,209	19,024	14,824	4800	FP*	12 Rot. <sup>0</sup>	12	72111	121200
Santa Rosa Medical Center	W. H. Lewis	656	33,106	815	38,948	30,049	1,521	4800	FP*	25 Rot. <sup>0</sup>	25	72311	121300
		...	...	...	...	...	...	...	3 Rot. <sup>6</sup>	3	72376	121350	
University of Texas Medical School at San Antonio Teaching Hospitals	L. Cander	250	11,061	611	91,637	76,567	...	6300	O	10 Rot. <sup>0</sup>	10	72211	121520
Robert B. Green Memorial	L. Cander	...	...	...	...	...	...	...	12 St. Med.	12	72232	121525	
	J. B. Aust	...	...	...	...	...	...	...	12 St. Surg.	12	72233	121530	
	C. Kohler	...	...	...	...	...	...	...	4 St. Ped.	4	72234	121535	
<b>Temple</b>													
Scott and White Memorial	H. E. Le Bus	262	14,951	300	92,339	...	...	4000	P	8 Rot. <sup>0,1,2,5,6,7,8</sup>	8	72520	121700
<b>UTAH--HOSPITALS, 8; INTERNSHIPS, 105</b>													
<b>Ogden</b>													
St. Benedict's	D. F. Hammond	141	7,929	161	...	6,691	9,649	4800	P	10 Rot. <sup>0</sup>	10	72711	122000
Thomas D. Dee Memorial	W. P. Daines	291	15,258	301	2,020	18,576	36,534	4800	F	14 Rot. <sup>0</sup>	14	72811	122100

APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)		Authorized Complement	Type	Total Sought Through NIRMMP	NIRMMP Code
<b>UTAH—Continued</b>													
<b>Salt Lake City</b>													
Holy Cross	J. J. Yelderman	285	14,240	298	1,518	9,903	50,679	6000	P	8	Rot. <sup>0,1,2,3,5</sup>	8	73020 122300
Latter-Day SaintsΔ	D. H. Nelson	421	21,003	596	10,522	19,359	1,252	5100	P*	24	Rot. <sup>0,1,2</sup>	24	72920 122400
St. Mark's	C. D. Behrens	196	9,726	201	582	5,975	16,848	6000	P	6	Rot. <sup>0</sup>	6	73111 122500
										2	Rot. <sup>1</sup>	2	73112 122550
University of Utah Affiliated HospitalsΔ	F. H. Tyler	...	...	...	...	...	...	...	...	3	Rot. <sup>0</sup>	3	73211 122611
										9	Rot. <sup>2</sup>	9	73213 122616
										7	Rot. <sup>4</sup>	7	73214 122621
										11	St. Med.	11	73232 122626
										6	St. Surg.	6	73233 122631
										3	St. Ped.	3	73234 122636
										2	St. Path.	2	73236 122641
University		197	7,455	296	24,850	54,418	...	5100	P	...	...	...	...
Veterans Admin.		471	3,667	237	27,559	...	...	4210	O	...	...	...	...
<b>VERMONT--HOSPITALS, 1; INTERNSHIPS, 266</b>													
<b>Burlington</b>													
Medical Center Hospital of VermontΔ	W. A. Tisdale	486	20,034	538	23,464	33,693	43,838	6000	O	24	Rot. <sup>1</sup>	24	73412 123000
	A. G. Mackay									9	Rot. <sup>2</sup>	9	73413 123050
	R. J. Mc Kay, Jr.									2	Rot. <sup>4</sup>	2	73414 123100
	R. W. Coon									3	St. Path.	3	73436 123150
<b>VIRGINIA--HOSPITALS, 9; INTERNSHIPS, 38</b>													
<b>Charlottesville</b>													
University of Virginia	W. H. Muller, Jr.	434	15,308	603	76,703	23,037	6,000	4500	O	6	Rot. <sup>2</sup>	6	73713 123510
	W. H. Thurman									6	Rot. <sup>4</sup>	6	73714 123515
	D. Mohler									10	St. Med.	10	73732 123520
	W. H. Muller, Jr.									10	St. Surg.	10	73733 123525
	W. H. Thurman									4	St. Ped.	4	73734 123530
	D. Smith									2	St. Path.	2	73736 123535
<b>Falls Church</b>													
Fairfax	E. H. Hill	279	14,545	313	2,328	31,339	10,380	6480	F	12	Rot. <sup>2</sup>	12	73313 123780
<b>Newport News</b>													
Riverside	E. L. Alexander, Jr.	352	16,627	433	7,810	26,181	27,540	6000	FP*	14	Rot. <sup>0</sup>	14	73911 123900
<b>Norfolk</b>													
De Paul	J. D. Lea	253	11,930	271	19,856	24,470	32,033	6000	F	12	Rot. <sup>0</sup>	12	74011 124100
Norfolk General	D. W. Drew	455	17,477	732	46,789	37,428	...	6600	F	16	Rot. <sup>0</sup>	16	74111 124200
<b>Richmond</b>													
Johnston-Willis Hospital	T. Davis, Jr.	258	8,556	300	1,232	6,114	5,612	4800	F	14	Rot. <sup>0,2</sup>	14	74220 124400
Medical College of Virginia-Hospital Division	G. Hilkovitz	1,030	28,453	1,218	106,341	48,476	...	3900	P	6	Rot. <sup>0</sup>	6	74311 124510
	W. T. Thompson, Jr.									18	Rot. <sup>1</sup>	18	74312 124515
	D. M. Hume									6	Rot. <sup>2</sup>	6	74313 124520
	L. J. Dunn									5	Rot. <sup>3</sup>	5	74315 124525
	W. Laupos									4	Rot. <sup>4</sup>	4	74314 124530
	F. Goodale, Jr.									2	Rot. <sup>5</sup>	2	74386 124535
	H. D. Lederer									2	Rot. <sup>6</sup>	2	74376 124540
	E. R. King									4	Rot. <sup>7</sup>	4	74342 124545
	W. E. Pembleton									2	Rot. <sup>6</sup>	2	74377 124550
	W. T. Thompson, Jr.									16	St. Med.	16	74332 124555
	D. M. Hume									12	St. Surg.	12	74333 124560
	W. Laupos									8	St. Ped.	8	74334 124565
	F. Goodale, Jr.									4	St. Path.	4	74336 124570
<b>Roanoke</b>													
Community Hospital of Roanoke Valley	M. J. Moore	276	3,760	82	4,664	2,105	259	7200	F	6	Rot. <sup>0</sup>	6	74611 125065
Roanoke Memorial	C. L. Crockett, Jr.	511	17,956	490	23,422	24,691	...	5400	F	20	Rot. <sup>2</sup>	6	74613 125070
										6	Rot. <sup>0</sup>	20	74811 125100
<b>WASHINGTON—HOSPITALS, 13; INTERNSHIPS, 158</b>													
<b>Seattle</b>													
Children's Medical Center-University HospitalΔ	J. M. Docter	...	...	...	...	...	...	...	...	12	St. Ped.	12	99034 125400
Children's Orthopedic Hospital and Medical Center		111	9,081	129	23,045	7,140	15,189	5500	P	...	...	...	...
University		239	8,322	320	97,899	13,965	...	5500	O	...	...	...	...
Doctors	C. S. Powell	151	9,794	227	719	6,618	...	4800	F*	4	Rot. <sup>1</sup>	4	75112 125700
										4	Rot. <sup>2</sup>	4	75113 125750
Group Health Medical Center	J. J. Quinn	126	8,128	235	285,660	6,974	...	4800	O	2	Rot. <sup>0,10</sup>	2	81120 125800
King CountyΔ	W. O. Robertson	250	10,706	492	72,804	27,595	...	5500	O	29	Rot. <sup>0</sup>	29	75211 125930
										4	St. Surg.	4	75233 125935
Providence	Dir. Med. Education	231	12,622	383	3,159	7,860	11,507	6500	P	15	Rot. <sup>0,1,2,3,5,7,8</sup>	15	75320 126030
										2	St. Med.	2	75332 126035
Swedish Hospital Medical CenterΔ	J. L. Wright	337	18,930	610	41,599	6,113	7,557	5700	P	12	Rot. <sup>0</sup>	12	75511 126100
University - See Also Children's Orthopedic Hospital and Medical Center													
UniversityΔ	R. J. Bulger	239	8,322	320	97,899	13,965	...	5500		6	Rot. <sup>0</sup>	6	91811 126230
										6	St. Surg.	6	91833 126235
										5	St. Path.	5	91836 126240
University of Washington Affiliated Hospitals - See Also Children's Orthopedic Hospital and Med. Ctr., Center, King County Hospital, University Hospital													
University of Washington Affiliated HospitalsΔ	R. J. Bulger	...	...	...	...	...	...	...	...	14	Med.	14	91832 126310
University		239	8,322	320	97,899	13,965	...	5500	O	...	...	...	...
King County		250	10,706	492	72,804	27,595	...	5500	O	...	...	...	...
Veterans Admin.		286	4,593	279	7,968	...	...	...	...	...	...	...	...
Virginia MasonΔ	G. H. Lawrence	194	10,662	235	...	7,684	...	5950	FP*	12	Rot. <sup>0,2</sup>	12	75620 126700
										4	St. Med.	4	75632 126750
<b>Spokane</b>													
Deaconess	J. H. Phillips	252	16,270	461	...	15,964	2,672	4800	FP*	12	Rot. <sup>2</sup>	12	75713 126900
Sacred Heart	C. F. Baxter	377	21,547	612	853	19,979	4,607	4800	F	15	Rot. <sup>0,1,2,3,5,7</sup>	15	75820 127000

APPROVED INTERNSHIPS

Name of Hospital	Program Director	Average Daily Census	Total Admissions	Total Number of Deaths	Outpatient Clinic Visits	Emergency Room Visits	Referred Visits	Beginning Salary (Year)	Authorized Complement	Type	Total Sought Through NIRMP	NIRMP Code
<b>WEST VIRGINIA--HOSPITALS, 7; INTERNSHIPS, 94</b>												
<b>Charleston</b>												
Charleston General	W. Pushkin	246	10,545	289	11,996	12,888	35,483	4200	F*	8 Rot. <sup>0,1,2</sup>	8	76420 127300
Memorial	D. Hamaty	262	12,693	358	14,028	20,238	57,271	5400	F	13 Rot. <sup>0,0,1,3,6</sup>	13	90220
	A. B. C. Ellison									3 St. Med.	3	90232
<b>Huntington</b>												
Cabell Huntington	D. S. Clark	246	12,488	415	4,156	18,638	13,914	5148	F	6 Rot. <sup>0</sup>	6	97611 127600
St. Mary's	H. D. Proctor	335	15,211	487	3,537	18,091	15,351	4200	FP	2 Rot. <sup>1</sup>	2	97612 127650
	Z. C. Burton									10 Rot. <sup>0</sup>	10	76611 127700
										4 Rot. <sup>1</sup>	4	76612 127750
<b>Morgantown</b>												
West Virginia University Δ	W. G. Klingberg	330	9,180	399	59,965	16,849	...	4200	P	15 Rot. <sup>0</sup>	15	83720 127910
	E. B. Flink									4 St. Med.	4	83732 127915
	B. Zimmermann									3 St. Surg.	3	83733 127920
	W. G. Klingberg									2 St. Ped.	2	83734 127925
	W. S. Albrink									2 St. Path.	2	83736 127930
<b>Wheeling</b>												
Ohio Valley General	H. B. Sauder	351	12,577	531	7,279	15,630	40,760	6000	P	15 Rot. <sup>0,1,2,3,4</sup>	15	76920 128160
Wheeling	G. M. Kellas	180	6,943	223	2,970	8,078	5,849	4800	F	10 Rot. <sup>0,2,3,4</sup>	10	77020 128210
<b>WISCONSIN--HOSPITALS, 14; INTERNSHIPS, 238</b>												
<b>La Crosse</b>												
La Crosse Lutheran Hospital-Gundersen Clinic	S. E. Sivertson	203	9,758	245	130,055	13,338	...	4200	F	8 Rot. <sup>0,1,2,4</sup>	8	77420 128500
<b>Madison</b>												
Madison General Δ	D. R. Korst	365	15,000	329	3,938	12,162	...	5160	F	4 Rot. <sup>0</sup>	4	77611 128700
										2 Rot. <sup>1</sup>	2	77612 128750
University Hospitals Δ	R. Schilling	575	17,357	436	129,045	11,118	...	3900	P	10 Rot. <sup>1</sup>	10	77912 128820
	C. Lobeck									3 Rot. <sup>4</sup>	3	77914 128825
	R. Schilling									12 St. Med.	12	77932 128830
	A. R. Curreri									10 St. Surg.	10	77933 128835
	C. Lobeck									8 St. Ped.	7	77934 128840
	M. Angevine									4 St. Path.	4	77936 128845
<b>Marshfield</b>												
St. Joseph's	J. W. Manier	318	10,277	352	...	...	...	...		8 Rot. <sup>0</sup>	8	78011 129000
<b>Milwaukee</b>												
Columbia	Daniel G. Santer	239	8,106	241	774	9,292	43,819	6420	P	11 Rot. <sup>0,1,2</sup>	11	78120 129210
										2 St. Path.	2	78136 129215
Evangelical Deaconess	W. D. Gardner	230	9,367	290	2,332	1,057	13,488	4800	F	18 Rot. <sup>1,2,4</sup>	...	129300
Lutheran Hospital of Milwaukee	H. Albright	282	10,831	289	...	...	44,181	5533	P*	12 Rot. <sup>0,1,2,3</sup>	12	78520 129400
										1 St. Path.	1	78536 129450
Milwaukee Children's	J. C. Peterson	148	9,253	94	35,553	989	4,106	6000	P	5 St. Ped.	5	78334 129500
Milwaukee County General	J. M. Cerletty	612	25,971	1,276	139,547	74,523	...	4400	P*	32 Rot. <sup>0,1,2,3,4</sup>	32	78420 129615
	W. W. Engstrom									8 St. Med.	8	78432 129620
	E. H. Ellison									12 St. Surg.	12	78433 129625
	J. F. Kuzma									2 St. Path.	2	78436 129630
Mount Sinai	J. Chase	340	13,319	391	22,668	2,561	603	6600	FO	12 Rot. <sup>0,00</sup>	12	78720 129765
										2 Rot. <sup>1</sup>	2	78712 129770
										2 Rot. <sup>2</sup>	2	78713 129775
										1 Rot. <sup>3</sup>	1	78715 129780
St. Joseph's	K. E. Sauter	321	15,806	397	8,136	3,687	18,221	6000	P	15 Rot. <sup>0,1,2,3</sup>	15	78820 129810
St. Luke's	J. A. Palese	325	13,212	455	11,413	6,773	78,516	6000	F*	12 Rot. <sup>0,2</sup>	12	78920 129900
St. Mary's	M. J. Ciccantelli	254	9,587	390	2,014	3,068	50,777	6600	F	10 Rot. <sup>0,1,2,5</sup>	10	79020 130000
St. Michael	F. E. Berridge	274	12,255	236	14,328	16,741	19,034	4800	FP*	12 Rot. <sup>0</sup>	12	79111 130100

## HOSPITALS APPROVED FOR JUNIOR ROTATING INTERNSHIPS IN CANADA

NOTE: The American Medical Association does not participate in the evaluation and/or approval of internships and residencies outside the United States and Puerto Rico. The list below is published simply as a convenience for the users of the Annual Directory of Approved Internships and Residencies.

The following list of hospitals that conform to the standards of The Canadian Medical Association is published for the information of graduates interested in an internship appointment in a Canadian hospital. Hospitals that are approved as conforming to the standards of The Canadian Medical Association may be considered as offering internships equivalent in educational value to those in hospitals in the United States approved for intern training by the Council on Medical Education of the American Medical Association.

This list was furnished by The Canadian Medical Association on August 23, 1968.

Name of Hospital	Location	Name of Hospital	Location	Name of Hospital	Location
<b>British Columbia</b>		<b>Ontario</b>		<b>Quebec (Continued)</b>	
Royal Columbian Hospital	New Westminster	Hamilton General Hospital	Hamilton	Montreal General Hospital	Montreal
St. Paul's Hospital	Vancouver	McMaster University Family Practice Course (1st year)	Hamilton	Queen Elizabeth Hospital	Montreal
Vancouver General Hospital	Vancouver	St. Joseph's Hospital	Hamilton	Reddy Memorial Hospital	Montreal
Royal Jubilee Hospital	Victoria	Hotel-Dieu Hospital	Kingston	Royal Victoria Hospital	Montreal
St. Joseph's Hospital	Victoria	Kingston General Hospital	Kingston	St. Mary's Hospital	Montreal
<b>Alberta</b>		St. Joseph's Hospital	London	Hopital de l'Enfant-Jesus	Quebec
Calgary General Hospital	Calgary	Victoria Hospital	London	Hopital du Saint-Sacrement	Quebec
Foothills Hospital	Calgary	Ottawa Civic Hospital	Ottawa	Hopital St-Francois-d'Assise	Quebec
Holy Cross Hospital	Calgary	Ottawa General Hospital	Ottawa	Hotel-Dieu de Quebec	Quebec
Edmonton General Hospital	Edmonton	Scarborough General Hospital	Scarborough	Jeffrey Hale's Hospital	Quebec
Misericordia Hospital	Edmonton	New Mount Sinai Hospital	Toronto	Hopital General St-Vincent-de Paul	Sherbrooke
Royal Alexandra Hospital	Edmonton	St. Joseph's Hospital	Toronto	Hotel-Dieu de Sherbrooke	Sherbrooke
University of Alberta Hospital	Edmonton	St. Michael's Hospital	Toronto	Sherbrooke Hospital	Sherbrooke
<b>Saskatchewan</b>		Toronto East General and Orthopaedic Hospital	Toronto	Hopital St-Joseph	Trois-Rivieres
Regina General Hospital	Regina	Toronto General Hospital	Toronto	Hopital General de Verdun	Verdun-Montreal
Regina Grey Nuns' Hospital	Regina	Toronto Western Hospital	Toronto	<b>New Brunswick</b>	
St. Paul's Hospital	Saskatoon	Wellesley Hospital	Toronto	Victoria Public Hospital	Fredericton
Saskatoon City Hospital	Saskatoon	Women's College Hospital	Toronto	The Moncton Hospital	Moncton
University Hospital	Saskatoon	<b>Quebec</b>		Saint John General Hospital	Saint John
<b>Manitoba</b>		Hotel-Dieu St-Vallier	Chicoutimi	<b>Nova Scotia</b>	
St. Boniface General Hospital	St. Boniface	Hopital du Sacre-Coeur	Hull	Halifax Infirmary	Halifax
Grace Hospital	Winnipeg	Hopital Jean-Talon	Montreal	Victoria General Hospital	Halifax
Misericordia General Hospital	Winnipeg	Hopital Maisonneuve	Montreal	<b>Newfoundland</b>	
Winnipeg General Hospital	Winnipeg	Hopital du Sacre-Coeur	Montreal	St. John's General Hospital	St. John's
		Hopital Notre-Dame	Montreal		
		Hopital Ste-Jeanne d'Arc	Montreal		
		Hopital Saint-Luc	Montreal		
		Hotel-Dieu de Montreal	Montreal		
		Jewish General Hospital	Montreal		

## ABBREVIATIONS AND NOTES

△	Internship appointments begin in June rather than on July 1. The exact date should be obtained from the program director and should be specified in the intern's contract	Rot. <sup>2</sup>	4 to 6 months on Internal Medicine; at least 4 months on Surgery
‡	Discharges	Rot. <sup>3</sup>	4 to 6 months on Internal Medicine; at least 4 months on Obstetrics-Gynecology
F	Full maintenance	Rot. <sup>4</sup>	4 to 6 months on Internal Medicine; at least 4 months on Pediatrics
P	Partial maintenance	Rot. <sup>5</sup>	4 to 6 months on Internal Medicine; at least 4 months on Pathology
O	No maintenance furnished	Rot. <sup>6</sup>	4 to 6 months on Internal Medicine; at least 4 months on Psychiatry
..	No information available	Rot. <sup>7</sup>	4 to 6 months on Internal Medicine; at least 4 months on Radiology
*	Variation in salary or maintenance for married intern	Rot. <sup>8</sup>	4 to 6 months on Internal Medicine; at least 4 months on Anesthesiology
St.	Straight	Rot. <sup>9</sup>	Hospital offers all of above rotating internships
Rot.	Rotating		(Rot. 0 1 2 3 4 5 6 7 8)
Med.	Medicine	Rot. <sup>00</sup>	Hospital offers some appointments beyond 12 months
Surg.	Surgery	Rot. <sup>10</sup>	Program includes some positions that may be followed by a 2-year residency in General Practice
Ped.	Pediatrics		
ObG	Obstetrics-Gynecology		
Path.	Pathology		
Psych.	Psychiatry		
Rot. <sup>9</sup>	4 or 5 months on Internal Medicine; 2 or 3 months on other rotations		
Rot. <sup>1</sup>	6 to 8 months on Internal Medicine; elective assignments of at least 2 months' duration		





# Essentials of an Approved Internship

## PREFACE

The internship, since the turn of the century an integral feature in the education of a physician, has been the subject of much critical discussion and study, particularly in the last few years. The improvement of clinical clerkships on the one hand and the marked expansion of residency training programs on the other have altered the intern's position as a member of the hospital staff.

When the internship became a generally recognized part of the education of a physician some 40 years ago, it was designed to provide the graduate's initial contact with patients, including responsibility for their care. It no longer constitutes such initial contact nor is it any longer the final step in the formal education of most physicians. Rather it is now only one of several graded steps toward the assumption of total responsibility for patient care. As such, it remains an essential part of the education of a physician but should be redesigned to fulfill its present purpose. With this concept in mind, it is evident that the internship can be conducted only in those hospitals in which the educational benefits to the intern are considered of paramount importance, with the service benefits to the hospital of secondary importance.

One aspect of intern education which warrants consideration is the growing discrepancy between the number of internships offered in hospitals approved for intern training and the number of applicants available to fill them. While this disparity, *per se*, is of no great import, its effect on the stability of internship programs throughout the country is of serious consequence. It is obvious that a sound educational program cannot be maintained if the number of interns the hospital is able to appoint varies from none at all one year to a full complement the next. Further, it is unlikely that a hospital can conduct a satisfactory program with substantially less than its normal complement of interns. To attract a full intern staff, many hospitals have begun to offer excessive stipends, bonuses, or other rewards of a non-educational nature. Such practices all too often result in an undue emphasis being placed on the interns' services to the hospital, while the educational aspects of the program are neglected.

In 1951 the Council on Medical Education appointed an Advisory Committee on Internships to consider the internship in its broadest aspects. This committee was composed of medical educators and physicians representing hospital administration and the major clinical divisions. One of the functions of this committee was to review the standards required of hospitals approved for intern training. The 1952 revision of the Essentials of an Approved Internship incorporated the recommendations of the Advisory Committee on Internships, based on the results of its study.

In 1954, the Ad Hoc Committee on Internships was appointed to make a further study of the internship. This committee, consisting of practicing physicians who were members of the House of Delegates, made an intensive study of the problems of the internship and made recommendations concerning them, which were adopted by the House of Delegates in June, 1955. Their recommendations are incorporated in this revision.

Since 1955, selected portions of the Essentials have been revised almost annually. [Section on Special Announcements in *Directory of Approved Internships and Residencies* enumerates the specific portions revised in the succeeding years.]

The "Essentials of an Approved Internship" is offered as a guide to the staffs of hospitals conducting intern programs and is the basis on which their training potential will be evaluated. The "Essentials" may also serve as a source of information for students planning their internship education as well as to interns themselves.

## I. INTRODUCTION

The internship is a highly important phase in the education of a physician. During this period, the young graduate is given the opportunity to put into practice the principles of preventive medicine, diagnosis, therapy, and management of patients which he learned as a medical student. He is able to observe, usually for the first time, patients on a "round-the-clock" basis and, if his internship is properly organized, can follow his patients from admission to discharge and subsequently in the outpatient department. Under the supervision of the attending staff, he is given progressively increasing responsibility to the end that he acquires confidence in his own clinical judgment.

A well-organized, effective, educational program inevitably results in the improvement of the quality of patient care in a hospital. In no way does it conflict with the hospital's primary function of providing adequate facilities for the scientific care of the sick and injured by a competent medical staff. For such an educational program, it is fundamental that the staff recognize its obligations to permit full utilization for teaching purposes of all patients, whether private or non-private, to whom interns are assigned. If this concept cannot be accepted without reservation, the hospital staff ought not to attempt to conduct an internship program.

In a hospital whose staff is responsible for intern education, services must be organized in such a manner that bedside teaching, rounds, and clinical conferences can be effectively conducted. In some hospitals, particularly those in which private patients predominate, it is not practicable to organize the services on an educational basis. The staffs of such hospitals should not attempt to develop intern programs. Even if they are able to meet other requirements for approval, it is improbable that they will be able to carry out a successful program.

The medical staffs, of hospitals conducting intern education assume a serious responsibility to their interns, to the medical profession as a whole, and to the communities in which these physicians will later become established. It is well recognized that techniques and practices acquired by the intern at this stage of his training, as well as the ethics and the philosophic approach to the practice of medicine which he develops during this period, are likely to persist throughout his career. A successful internship program can be carried out only in those hospitals in which the medical staff and hospital administration understand the principles of, and are prepared to accept full responsibility for, proper training.

Throughout the internship program, time and thought should be devoted to the inculcation of the concept of medicine as an art and as a calling, the primary purpose of which is the care and treatment of the patient as an individual in addition to emphasis on scientific and objective studies of disease. To achieve this end, stress should be laid on understanding and evaluating the patient's family relations, his economic and social status, and his position in the community. It is only by understanding the interrelations between the patient and his total environment that the physician can attain the full mastery of his profession. Those charged with the responsibility of training younger physicians must teach them, by precept and example, the human as well as the scientific aspects of the lofty discipline of medicine.

All hospitals offering intern-training programs should be subject to the following guiding principles:

1. While the internship combines two functions—an educational period in the training of young physicians and a position rendering medical care and service to patients in hospitals and assistance to the staffs of hospitals—its educational function is of primary and paramount importance and its service function is secondary and incidental.

2. The service function of the internship should not be permitted to subordinate the educational purpose of the internship.

3. The educational function of the internship should be recognized as possessing a character of its own and should not be regarded as an additional year of medical school, nor as the first year of training for a specialty.

4. The internship should be so organized and administered that it emphasizes the beginning and the progressive increase of the assumption of personal responsibility for the care of the sick, the recognition and the cultivation of the personal aspects of the treatment of patients, including family, social, financial, and morale factors, and the inculcation from first-hand experience of the principles of medical ethics and the code of professional conduct.

5. Hospitals unable or unwilling for any reason to conduct internships meeting the educational standards of the Council on Medical Education in the spirit of the foregoing statements should not attempt to establish internships and such internships will not be approved. These hospitals should seek to meet their service needs by establishing house officer positions with adequate salary provisions.

Approval for intern education is granted by the Council on Medical Education through authority delegated to it by the House of Delegates of the American Medical Association. The approval program of the Council is entirely voluntary; hospitals seeking approval by the Council are expected to meet and maintain the standards outlined in these Essentials.

Affiliation of a hospital with a medical school is not a requirement for internship approval. Such a restriction is neither desirable nor practical, since the national need for internship positions cannot be met by affiliated hospitals alone. There is abundant opportunity for private hospitals that are not affiliated with medical schools to develop outstanding intern training programs, and many non-affiliated community hospitals provide the varieties of educational environments desired by significant numbers of graduates of American medical schools.

The Council representative who visits a hospital for the purpose of surveying the intern-training program will take the opportunity to discuss with the administrative staff, the medical staff, and others, ways and means by which deficiencies may be corrected and the educational program improved.

## II. THE INTERNSHIP

The internship is that phase of medical education and training which ordinarily follows immediately upon the completion of the four-year undergraduate medical curriculum. It consists of the supervised practice of medicine among the patients in a hospital and in its outpatient department, with continued instruction in the science and art of medicine by the hospital staff.

Most authorities today are agreed that after graduation from medical school every physician should have at least two years of graduate education and training in a hospital before he undertakes the practice of medicine. Not a few physicians intending to do general practice spend three or more years in such work, while physicians desiring to be certified by an American board are required to take three to five years of graduate work after completing the medical school course.

Graduate education in hospitals is offered in two categories—internships and residencies. The internship as described above is the initial phase. After completion of an internship, a physician may take a residency which provides more advanced education in one of the specialties or in general practice. Formerly, many internships were of 18 to 24 months' duration and provided, in the last 6 to 12 months, education and training comparable to that found in a first-year residency today.

The American boards in the specialties, however, give credit for only 12 months of internship education and re-

quire that the balance of a candidate's graduate education be in the form of a residency. Although a number of American boards will give credit for the second 12 months of a 24-month internship when this period is spent in the specialty concerned, most hospitals now limit their internships to one year and designate training beyond this point as residency training. Apprehension regarding military obligations of interns may have discouraged two-year internships, but the current Selective Service System policy is that no time limit has been expressed by which a registrant must complete an internship for deferment purposes. Still another factor is the understandable reluctance of young graduates taking the longer internships to accept appointments in which they are classified as interns when their colleagues who graduated at the same time and began their specialty training after a one-year internship are classified as residents. For these and other reasons it is rapidly becoming the custom to designate hospital training beyond the first 12 months of internship as residency training.

An approved internship may not be less than 12 months in duration. Longer internships up to 24 months may still be provided to advantage in some instances, although practical considerations will probably make it desirable to designate the second year as a residency in a specialty or general practice even though the entire 24-month period may be conceived and organized as an integrated educational program.

It should be clear that in recognizing the trend to limit the internship to a 12-month period, the Council does not consider this period sufficiently long to prepare the young physician for practice. Physicians who take only a 12-month internship should supplement this educational experience with at least one additional year spent in a residency preparing for a specialty or general practice.

Approved internships may be "rotating" or "straight." It is the opinion of the Council that the best general, basic education is provided by a well-organized and well-conducted rotating internship. While most states require internship for licensure, it is recognized that at present very few states still specify that the internship must be rotating in nature.

A rotating internship is defined as one which provides supervised practice in internal medicine and at least one of the following: surgery, pediatrics, obstetrics and gynecology, psychiatry, pathology, radiology, or anesthesiology. Interns ordinarily should not be assigned to more than one of the above services at a time. Even though a formal full-time assignment might be offered in the fields of laboratory diagnosis or radiologic interpretation, these disciplines also should be included through integration with the interns' activities on other services.

In rotating internships of 12 months' duration, the time allotted to internal medicine may in no case be less than four months. No assignment may be of less than two months' duration, and in such cases, the two months' assignment must be consecutive. Block assignments of two months each in internal medicine are acceptable, but assignments of four or more months consecutively are preferable. If an intern desires experience in a specialty not included in his rotation schedule, such training may be offered through appropriate outpatient assignments or by participation in consultations on his own and other patients conducted by members of the department concerned. Too frequent a rotation of assignments, and hence too short a time on a service, is inconsistent with the conduct of a good internship.

The greater flexibility permitted in these revised standards for a rotating internship permits hospitals to capitalize on their strengths and eliminate weak services from a required rotation. A rotating internship may consist of as few as two services or as many as five. A concurrently approved residency program is not a requirement for approval of a rotating internship.

A straight internship is one which provides experience on a single service, although one or more related subspecialties may be included. Straight internships are approved in internal medicine, surgery, pediatrics, obstetrics-gynecology, and pathology. To offer satisfactory straight internships a hospital must be approved for residency training in the specialties involved.

The approved internship, whether it be rotating or straight, should provide opportunity for experience with psychiatric problems. With the increasing growth of psychiatric inpatient units in general hospitals, it may be possible for interns to be assigned to such units during their internship, enabling them to participate directly and actively in the diagnosis, study, and treatment of various types of psychiatric problems.

The preventive aspects of disease, whether organic or functional in nature, should be stressed continuously in developing the intern's skill in the management of patients. Where physical rehabilitation and counseling with regard to suitable future occupation for the patient are indicated, the intern should participate in these activities.

Some internships are organized especially to prepare the intern for general practice. Such an internship does not differ from other internships in basic principle but may differ with respect to emphasis and allocation of time in one or more medical fields. This type of internship is frequently designed to provide two years of training.

### III. SELECTION OF INTERNS

The development of a satisfactory program requires, first of all, a careful selection of applicants for appointment to the intern staff. The hospital administration and the medical staff, through appropriate review of credentials, should ascertain that the personal and medical qualifications of applicants selected for internship positions are satisfactory. There should be confidence that the interns appointed have the high standards of integrity, motivation, industry, resourcefulness, health, and basic medical knowledge necessary to take full advantage of the further educational experience offered. This should include assignment of carefully graded and progressive responsibility for patient care. The qualifications of the intern staff should leave no doubt as to their competence to accept this assignment, since the primary obligation to the hospital must be for the patients' welfare. Personality characteristics can usually be evaluated through personal interview or letters of recommendation, or both. For graduates of schools in the United States and Canada, the medical school accreditation program of the Council on Medical Education of the American Medical Association and the Association of American Medical Colleges renders reasonable assurance with regard to medical qualifications. Such candidates for appointment should be graduates of approved medical schools. Further individual knowledge can be obtained through direct communication with the dean's office of the school concerned.

Since similar sources and kinds of information have not been readily available for graduates of foreign medical schools, the Educational Council for Foreign Medical Graduates, 3930 Chestnut St., Philadelphia, Pa. 19104, has been established to provide as comparable knowledge of qualifications as possible. The Council recommends that hospitals considering foreign medical school graduates for internship positions acquire reasonable assurance with regard to their medical qualifications through utilization of the program of the Educational Council.

[Beyond July 1, 1961, no hospital should expect to maintain an approved internship or residency program unless its appointees who are graduates of foreign medical schools either:

- (1) have a full and unrestricted state license to practice, or
- (2) have secured a standard certificate from ECFMG.

After July 1, 1961, the Council will recommend to the Internship and Residency Review Committees the disapproval of those training programs whose rosters contain graduates of foreign medical schools who do not satisfy requirement 1 or 2 above].

### IV. HOSPITALS ELIGIBLE FOR APPROVAL

In order to provide the intern with a well-rounded experience during the course of his internship, an adequate number of patients in each of the several major clinical divisions is a primary requisite. The experience of the Council indicates that an acceptable rotating internship can be offered only in general hospitals having a capacity of at least 150 beds, exclusive of bassinets, and having a minimum of 5,000 annual admissions, excluding the newborn. Further, three of the four major clinical divisions must be represented in such a hospital. Modern trends in practice emphasize the importance of experience with ambulatory patients. Hospitals not having formally organized outpatient departments may be able to provide this experience by making appropriate provisions as indicated below. Affiliations with other hospitals may provide useful experience with ambulatory patients, but unless continuity of patient care can be provided between the affiliated and parent hospitals, such affiliation will not satisfy completely the objectives for this experience.

The number of patients for which the individual intern is responsible is of primary importance in determining the value of the internship as an educational experience. If an insufficient number of patients are available for teaching purposes, the intern's experience becomes limited in scope. On the other hand, the assignment of an excessive number of patients prevents him from studying them thoroughly and from giving proper attention to all patients for whom he is responsible. In general, a service to which a single intern is assigned should not consist of more than 15 to 25 beds. In determining the number of patients for whom the intern is responsible, consideration must be given to work required of him in the outpatient department, the emergency room, the laboratory, and similar assignments. In determining the proper number of internship positions in an approved hospital, private cases, for which the intern is allowed to assume no responsibility beyond the completion of a history and physical examination, cannot be considered as available for teaching. In the event that the physician in charge does not wish to have his private patients used for teaching on the same basis as non-private cases, he should not expect the intern to assume responsibility for the history and physical examination or for any other routine procedure.

The number of patients for whom the intern should be responsible may vary considerably, depending upon the service and the type of patients on it. Thus, one intern may well be able to assume responsibility for more than 25 chronically ill patients on a medical ward and on the other hand may not be able to give adequate attention to 15 patients on an acute surgical service. It is the responsibility of the chief of each service to which interns are assigned to evaluate at frequent intervals the amount of work being required of the interns to assure that they are not overburdened with routine responsibilities detrimental to their training and, conversely, that they have an opportunity to observe cases of sufficient variety to assure a broad and comprehensive experience.

In applying a ratio of 15 to 25 beds per intern, it is evident that in order to carry out a successful training program, a hospital of 150 beds requires an intern staff of from 6 to 10 interns. It is difficult if not impossible to conduct a satisfactory intern program with less than this minimum number, while an appreciably greater number of interns assigned in a hospital of this size will often result in a work load insufficient to stimulate and hold the intern's interest.

Hospitals which can otherwise qualify for approval but lack adequate clinical material of certain types may augment the education afforded their interns by establishing affiliations with other hospitals able to provide suitable experience in these areas. Such affiliating hospitals need not themselves be approved. Their contribution to the training program is taken into consideration in evaluation of the internship sponsored by the parent institution. Except in unusual circumstances, periods of training on an affiliating basis should not exceed 3 months in a 12-month program or 6 months in a 24-month internship.

Large hospitals affiliated with medical schools might well rotate their interns to smaller hospitals on an affiliating basis in order to provide experience in the practice of medicine in such hospitals.

These relatively short affiliating programs may be advantageously utilized to provide training in contagious diseases, psychiatric disorders, or other special areas. They should not be confused with the type of training plan in which two or more hospitals collaborate in sponsoring a joint program. In such instances, usually involving a university-connected hospital and others associated with it, the participating hospitals are ordinarily all independently approved and contribute more or less equally to the training program. The advantages to the intern of this type of program result from a broader experience with different types of diseases and different groups of patients and from the association of the intern with members of the teaching staffs of the several hospitals involved.

In the opinion of the Council, a fixed formula for determining the number of interns for each hospital is unrealistic and impractical. Any arbitrary scheme designed to allocate interns to hospitals violates the right of each intern to indicate his own choice. The Council will approve the quota of interns requested by a hospital when such a request is based upon the considered ability of the staff to train adequately the number requested.

Hospitals conducting or applying for approved intern or resident training programs should be accredited by the Joint Commission on Accreditation of Hospitals.

#### V. THE HOSPITAL STAFF

The teaching staff should be composed of physicians who are graduates of medical schools acceptable to the Council. Physicians appointed to the visiting staff must have proper qualifications as to medical education and licensure. The staff must be limited to physicians whose professional and moral integrity are unquestioned, who are proficient in the fields of practice to which they devote themselves, who give personal attention to the patients under their charge, and who are willing to assume responsibility individually and as a group for providing ample instruction to the interns and to assist them in their work.

Depending on the size of the hospital and its staff there should be a part-time or full-time instructor, teacher, or coordinator, with a suitable title, such as Director of Intern Education, whose duty it is to organize, coordinate, and supervise the education program of the hospital in cooperation with and assisted by the intern committee and the hospital staff.

Since instruction of the interns by members of the courtesy staff is usually minimal, this group should be responsible for the medical history, the physical examination, and all other routine procedures connected with the management of their private patients. Adherence to this principle is particularly important when a full complement of interns is not available.

#### VI. CLINICAL RECORDS

1. *Adequate Records Must Be Maintained.*—(See Section XI, Nature of Intern's Duties.) The attending physician or surgeon is directly responsible for the accuracy and completeness of clinical records concerning all patients under his care, including the record of the work done by the intern.

2. *Endorsement of Records.*—All case records must show by signature the names of the persons who have written them in whole or part. Order for treatment and for most diagnostic studies and all progress notes must indicate the identity of the person responsible for them. The intern's record of his physical examination and diagnostic procedures should be verified by a competent supervising physician, with attention called to errors in observation and supplementary notes added, containing any relevant data which the intern may have omitted. If the intern's record is acceptable, the supervising physician should countersign and thus approve it. A summary, including the diagnosis, should be written by the intern and should be verified by the attending physician when the patient is discharged from the hospital.

3. *Nomenclature and Coding of Diseases and Operations.*—To avoid ambiguity and lack of definiteness, it is recommended that the Standard Nomenclature of Diseases and Operations be used by the medical staff to record the clinical diagnosis on patients. For coding or indexing, either the Standard Nomenclature or the International Classification of Diseases may be used. Current Medical Terminology may provide an additional useful tool in the management and utilization of clinical records.

4. *Filing and Indexing Records.*—A competent medical record librarian should be in charge of the filing and indexing of records. All case records should be readily available for study or for reference. When a patient is admitted to the hospital, all previous records, including outpatient records and, if possible, the attending physician's office record, should be available without loss of time. In addition to the usual index of patients by name and number, there should be cross-indexing according to diagnosis and operation (surgical cases).

5. *Annual Report.*—Statistics concerning the professional work of the hospital should be compiled monthly and should be available to the medical staff at all times. An annual report should be prepared to include analysis of statistics for all departments. For each clinical department, at least the following data concerning private and ward services should be included in the report: (a) number of patients admitted or discharged, (b) number of hospital days of care or average daily census, (c) deaths and autopsies, (d) surgical procedures, and (e) number of cases admitted or discharged. A breakdown of discharges by diagnoses should be obtainable.

6. *Medical Audits.*—A medical audit is a periodic review of the medical records of selected cases by an impartial and competent committee composed of members of the professional staff of the hospital. Such a review considers the adequacy and completeness of the diagnostic examination, the quality of judgment used in the number and nature of tests employed, the correctness of the diagnosis, as recorded by the study of the patient and subsequent development and findings, the suitability of the treatment used, and the competence exhibited. Medical audits are helpful in determining the quality of medical practice in a hospital and thus in evaluating the hospital's teaching potential.

#### VII. PATHOLOGY

1. *The Pathologist.*—The pathologist should hold the degree of doctor of medicine from an acceptable medical school and have qualifications which are acceptable to the Council. The pathologist must devote sufficient time to the hospital to assure adequate supervision of the work done in the pathology laboratories, to examine or supervise the examination of all tissues removed in surgical operations and to furnish reports of the gross and microscopic findings, to perform or supervise the performance of all autopsies and render a full report of the findings, to assist in the teaching of interns, to supervise or arrange for supervision of the interns' work in the laboratory or on the hospital floors, to be available for consultation with the attending and intern

staffs, to attend staff meetings, and to conduct or participate in clinical-pathologic and departmental conferences.

The pathologist should attend ward rounds frequently so that he may participate in the clinical evaluation of patients and confer with the intern and attending staffs regarding the selection and interpretation of clinical laboratory procedures, as well as gain an opportunity to detect any inadequacies in the performance of laboratory work in the hospital.

2. *Personnel*.—There should be adequate laboratories in the hospital for clinical and tissue pathology. These laboratories should be staffed and equipped to perform all procedures commonly used for diagnosis, management, and therapy.

3. *Autopsies*.—The hospital must provide proper facilities for postmortem examinations. The autopsy rate has come to be recognized as an index of the scientific interest of the medical staff. Well-performed postmortem examinations and a study of their findings enable physicians to improve their clinical ability. A hospital which does not maintain an autopsy rate of at least 25% of its deaths, exclusive of stillbirths and cases released to legal authorities, may not be approved.

4. *Records*.—The result of each examination performed in the laboratory should be recorded in the departmental file and on the patient's clinical record. Complete reports on surgical specimens and all autopsy protocols must be attached to the patient's charts, with identical reports retained in the files of the department where they should be indexed by name, number, and diagnosis. The original and all copies of such reports must be signed and legible. Microscopic sections of specimens removed at operation or by autopsy should be filed in the hospital laboratory. The laboratory copy of certain types of routine reports need be retained for a limited period only.

#### VIII. RADIOLOGY

1. *The Radiologist*.—The radiologist should hold the degree of doctor of medicine from an acceptable medical school and have qualifications in radiology satisfactory to the Council. He shall devote sufficient time to the hospital to supervise adequately the technical work of the department, to perform or supervise fluoroscopic examinations, to interpret films, to consult with staff physicians, and to instruct the interns. He should attend staff meetings and the meeting of his department as well as those clinical conferences in which his participation may be of value to the attending and intern staff.

2. *Equipment*.—The department should be equipped with suitable, safe apparatus. The rooms provided for fluoroscopy and for viewing roentgenograms should be large enough to accommodate both interns and attending physicians during the examination of patients or the interpretation of films.

3. *Records*.—A copy of each examination report should be kept in the department, in addition to the copy filed in the patient's record. These reports and their original films should be filed and indexed by name, number, and diagnosis. Because of storage space problems it may be necessary to limit the time for keeping the original films to a period of 5 to 10 years, except for those films designated for the teaching file.

#### IX. MEDICAL LIBRARY

It is essential that there be an adequate medical library readily accessible to the house staff. To facilitate its use, the library should be properly supervised. It should contain a useful collection of standard textbooks, monographs, and reference books. In addition, the library must make readily available to the intern staff current issues of representative medical journals covering the major clinical fields. The library need not necessarily contain a large number of textbooks and journals, particularly if other resources are available to it. Such outside facilities, however, should be

considered supplementary to, and not a substitute for, the hospital library.

It is the responsibility of the attending staff to guide the intern in his reading. This may be accomplished by requiring the intern to report current medical opinion concerning types of cases similar to those on his service or by assigning special topics or selected journals for review by the intern at staff conferences or journal club meetings. The success of such activities will depend directly upon the stimulus and interest of the responsible staff member. If the intern is to be expected to carry out his assignment successfully, he must have adequate time for study and preparation. Requiring interns to report on current literature will serve no useful purpose if routine responsibilities are so heavy that reading assignments become onerous.

#### X. ORGANIZATION AND CONDUCT OF THE INTERNSHIP TEACHING PROGRAM

1. *The Staff and Its Organization*.—The attitude of the staff is of paramount importance to the development of a good intern-training program. Its members must fully appreciate that the internship is an educational experience and must be willing to accept their share of responsibility for its conduct. No program designed primarily for service to the physician or the hospital can be considered as meeting the requirements of an approved internship.

Hospitals conducting intern training should be organized into departments or sections of medicine, surgery, pediatrics, obstetrics, pathology, and radiology. Hospitals lacking any of these services should afford experience in these branches through affiliation. Large hospitals will undoubtedly also have separate services in general practice and in one or more of the various specialties, such as anesthesiology, contagious diseases, neurology, neurosurgery, ophthalmology, otolaryngology, orthopedics, gynecology, physical medicine, psychiatry, and urology. While a highly developed organization of this sort may well be beneficial from the standpoint of patient care, it may prove detrimental to internship training. Any effort to arrange a rotation through all or even a majority of the above-mentioned services during a 12-month period will inevitably result in a kaleidoscopic experience which decreases in instructional value in direct proportion to the increase in the number of services encompassed. Internship-planning committees should study the situation in their hospital and, in arranging the rotation of assignments, place the interest of the intern above that of service to the hospital.

Rotation through other services should be arranged with a view to the future plans of the specific intern and the needs of the hospital. Under this plan the service needs of some of the more highly-specialized departments would be supplied in part by rotating interns, in part by straight interns or by residents. If training is needed by a given intern in some specialty to which he is not assigned, it may be provided through work with consultants on his patients, on other services, and at times by outpatient experience.

It is important that the intern have an opportunity to observe and participate in the total care of the patient. In order that this may be accomplished, he should follow as many patients as possible through their full hospital course, including outpatient observation. Rotation which does not provide a minimum of two months of training on a given service fails to meet this objective.

Each department or section should have a chairman who serves for at least one year. He should be well qualified for this position by training and experience in his special field, should be responsible for the general conduct of the clinical work in his department, and should help to formulate and execute the intern training plan. Frequent rotation of attending physicians in charge of the various services should be avoided. Assignments should be made so that the intern has ample opportunity to meet the attending physi-

cians frequently for the conduct of organized ward rounds or clinics and for the study and care of the patients for whom he is responsible. In order to assure the proper teaching relationship between interns and attending physicians, no intern should be expected to assist an unreasonable number of attending or visiting physicians.

2. *Intern Committee.*—There should be a committee of the staff chosen from the chairmen of the several departments or from among able and interested departmental representatives. This committee should assume responsibility for the organization, supervision, and evaluation of the plan of intern instruction.

3. *Director of Intern Education.*—The appointment of a director of intern education on a full-time or part-time basis may be desirable in many hospitals. The director should be a person who has had experience and training that qualify him to plan and direct a sound program of instruction with the assistance and cooperation of other members of the intern committee and the staff. One of his important responsibilities should be to observe closely the operation of the program. He should be vested with sufficient authority to insure that his recommendations are carried out effectively. In cooperation with the chairmen of the several departments and the administration, he should be responsible for the integration of the various educational activities of the hospital.

The teaching obligations of individual staff members cannot be delegated to the director of intern education, even though it is to be expected that he will take an active part in the teaching program. His function is to organize and supervise a program which will increase the effectiveness of participation of individual staff members.

4. *Orientation.*—It is recommended that there be a period at the beginning of the internship devoted to orienting the intern to the administrative and professional organization of the hospital, to the facilities available in the laboratories, and to such ancillary services as nursing, social service, dietetics, physical therapy, the record room, and the pharmacy. This orientation should be given early in the course of the internship and should be followed by conferences in which personnel from these several services participate.

5. *Classroom Facilities and Teaching Aids.*—The availability of suitable rooms for conferences, seminars, and other educational activities of a well-conducted teaching program is highly desirable, if not essential. Attempting to hold discussions of a formal or informal nature in the hospital's corridors or other areas not intended for the purpose is unsatisfactory. Teaching aids such as projectors, x-ray view boxes, blackboards, and the like should be provided. Teaching films may be successfully employed in presenting certain types of material not otherwise available. It should be stressed, however, that none of these methods of instruction supplants the basic features of a satisfactory internship program—bedside teaching.

6. *Educational Program.*—(a) *Bedside Teaching:* The most important phase of intern instruction consists in regularly organized daily ward rounds, with well-conducted teaching at the bedside. By this is meant systematic instruction of the intern by the attending physician, with an ample discussion of the history, the physical examination, the clinical and laboratory findings, the diagnosis, and the treatment of each patient. The social and psychological aspects of the case should receive proper emphasis. It is the duty of the attending physician in direct charge of the patients assigned to the intern to conduct such teaching. It cannot be delegated to others, though it should be supplemented by supervision of the intern's work by the director of intern education, junior staff members, and residents. Intern assignments which have no educational value should be avoided.

(b) *Conferences:* Clinical conferences are second in importance only to bedside teaching in the formal educational

program. To be effective, they require planning and preparation on the part of both staff and interns and active participation by the latter group. The organization and conduct of clinical conferences of good caliber is a measure of the effectiveness of the teaching programs.

All conferences should be scheduled at hours and places convenient to the house staff. Interns should be excused from attending such conferences only for emergency calls or equally cogent reasons. The number and variety of conferences will of necessity vary with the size of the hospital and other factors. They should be of sufficient frequency to become an accepted feature of the intern's schedule but not so frequent that they interfere with the proper care of patients. The following suggestions are offered as a guide.

(1) *Department Conferences.* In smaller hospitals each major department should conduct at least one staff conference monthly, scheduled in such a manner that a conference takes place on the same day each week. In larger hospitals, departments may desire to conduct weekly conferences. In such cases the requirements for the intern's attendance can be modified accordingly. The more highly specialized departments should schedule conferences as often as may be considered necessary by the department staff.

(2) *Clinico-Pathological Conferences.* These important conferences should be conducted by the pathologist in cooperation with several clinical departments. While the frequency of such conferences will vary with local conditions, they should be held at least once each month.

(3) *X-Ray Conferences.* These conferences may be scheduled separately or held conjointly with other departmental meetings. Effective teaching can be carried out by bringing the interns, including those not familiar with the case, into the discussion of the x-ray findings. In addition to formal conferences, the roentgenologist should be available to review films on the intern's patients with him.

(4) *Record and Fatality Conferences.* The treatment and management of all fatal cases should be subjected to critical analysis at departmental meetings attended by the chairman of the department, the attending physician, and other staff and house physicians, including the interns. At the same or similar departmental conferences, the records of all patients whose treatment might be the subject of controversy should be carefully reviewed and discussed.

These conferences may be informal but should not be perfunctory. They should be held soon enough after a patient's death or discharge for the patient's history and findings to be fresh in the minds of all concerned. Few phases of an intern's training can approach these conferences in the opportunity they provide to instill in the intern an attitude of critical examination of his clinical judgment and skill.

(5) *Tissue Committee.* Under some circumstances, it may be desirable to establish a special committee (a) to study and to report to the staff or the Executive Committee of the staff the agreement or disagreement between preoperative diagnosis and reports given by the pathologist on tissues removed at operation and (b) to review the records and materials pertaining to all normal tissues removed by surgical means.

The committee thus lends objective assistance to the pathologist in evaluating the clinical judgment of members of the surgical staff in those instances in which such an evaluation appears to be indicated. Such a committee should comprise at least five senior members of the staff and should include specifically the chiefs of the pathology, surgical, and gynecological services.

(6) *Journal Club Conferences.* An effective method of stimulating the intern staff to read the current literature is presented through informal discussions centering around the more important articles in the various journals, especially articles immediately pertinent to the intern's clinical experience. They may be conducted on a departmental basis,

rotated through departments, or they may be general in nature. In view of the demands on the time of the interns and attending staff, they may be conducted as luncheon conferences if facilities permit.

7. *Special Features in Major Departments.*—(a) *Internal Medicine:* This department should afford each intern adequate instruction and experience in general medicine, including the psychological, social, and somatic aspects of disease, and in such medical procedures as are commonly employed in the practice of internal medicine. Precaution should be taken on large services that medical care is not so divided among the various medical subspecialties that the intern loses sight of the patient as a whole and as a person, or that the time spent on a service is not so fragmented that the intern receives only a superficial orientation to several fields. On such services, there is also particular danger that the intern may be relegated to a minor role in the care of the patient in favor of the resident or research assistant.

(b) *General Surgery:* Surgical training should be planned to emphasize diagnosis and preoperative and postoperative care, and not skill in operative technique. Special attention should be given to problems encountered in the emergency room and to minor surgical procedures as carried out in the outpatient department. In the operating room, the intern's role should be that of an assistant rather than of an operator. He should not be required to spend excessive time in the operating room to the neglect of the other phases of his training in this department. The dressing of surgical wounds should be regarded as an important part of his experience, giving him a particularly valuable opportunity to observe the immediate effects of surgical procedures and treatment.

In large hospitals where the surgical specialties are organized as separate services, the assignment of the intern should be determined by the intern committee and the surgical staff after careful consideration. The precautions noted relative to assignments to the medical subspecialties are equally applicable to the surgical subspecialties.

(c) *Obstetrics:* The intern is expected to assist at the delivery of all patients assigned to him and to deliver a minimum of 10 patients under direct supervision. Limited training in obstetric anesthesia is desirable. Emphasis should be placed on teaching the intern the proper management of normal labor and delivery and on the recognition of the complications of labor which require expert consultation. A most important aspect of intern education in obstetrics is the experience to be gained in the outpatient department with prenatal patients and their problems. Too frequently, the intern is not given this opportunity, with the result that his concept of obstetric care is distorted and his knowledge of the patient's problems, as he will encounter them in his office, is limited. If active prenatal and postnatal care is not carried out at the hospital, arrangements should be made for the intern to obtain this type of experience through affiliation.

(d) *Pediatrics:* Training in pediatrics, in addition to affording the intern an adequate amount of instruction and experience in the medical, surgical, and psychiatric aspects of the diseases of infancy and childhood, should include experience in the care of the newborn and should acquaint him with the normal patterns of growth and development. In view of the importance of care of newborn infants in the work of the general practitioner, obstetrician, and pediatrician, it is incumbent on all hospitals to afford ample experience in this field to at least all interns contemplating the possibility of undertaking general practice.

Well-child care, including immunization procedures, is assuming increasing importance in the work of general practitioner and pediatrician. Wherever possible the hospital should offer training in this field through well-child conferences and well-baby clinics. Straight pediatric intern-

ships should provide training in surgical as well as medical pediatrics, including their subspecialties.

(e) *Pathology:* The intern should receive supervised experience in the performance of all clinical laboratory procedures which are ordinarily employed in the initial study of the patient. In addition, through formal and informal conferences with the pathologist, the intern should become thoroughly familiar with the availability, significance, and limitations of those procedures which are usually performed only in the central hospital laboratory. He should be required to be familiar with the pathological studies of surgical specimens and autopsy material which concern his own patients. Except in emergencies no assignment should be permitted to interfere with his attendance at the post-mortem examination of any case which has been under his care. He should assist in the preparation and presentation of clinico-pathological conferences when cases assigned to him are being reviewed. Interns assigned to the department of pathology should assist in the performance of autopsies and in the examination of surgical specimens. They should also receive instruction in interpretation and techniques of clinical laboratory procedures.

(f) *Psychiatry:* There is a distinction between psychiatry as a basic science and psychiatry as a special medical skill. The former is an indispensable part of all medicine; the latter is the province of graduate training and beyond the internship. Certain basic science aspects of psychiatry, namely, those relating to the psychology of acute and chronic illness, of disability, of surgical intervention, of convalescence, and of the doctor-patient relationship are of common concern to all those who care for the sick. Knowledge of these matters should be shared by all members of the teaching staff, as such knowledge should be applied to the study and care of all patients.

If inpatient psychiatric services are not available in the hospital, the education of the intern in this field should be provided by psychiatrists assigned to the various major clinical services. These physicians should not only assist in the management of acute psychiatric cases but should provide a continuous consultative educational service relating to all types of patients' problems, thus furnishing an additional contribution to the total care of the patients.

The primary goal of such instruction should be a familiarization with methods which may lead to better understanding on the part of the intern of the emotional status of all his patients.

(g) *Radiology:* The intern should be familiar with the interpretation of x-ray films on all patients assigned to him. Whether radiologic training should be offered as a separate service, in addition to its inclusion in the daily care of patients on all services, must be decided on the basis of local conditions and after consideration of factors involved by the chairman of that and other departments.

(h) *Anesthesiology:* The resources of the department of anesthesiology should be utilized in the instruction of all interns in the fundamentals of emergency resuscitation and the treatment of respiratory and circulatory depression. In addition, instruction in the fundamentals of basic anesthesiology, including the preparation of the patient for anesthesia, as well as the supervised management of the anesthetized patient, should be available to all interns since such an experience will contribute significantly to many careers in medicine.

8. *Special Requirements for Teaching with Ambulatory Patients.*—The majority of young physicians no longer enter practice after only one year of graduate medical education. Although experience with ambulatory patients is an essential part of all graduate medical education programs, it need not be scheduled necessarily during the first year if it is provided by the hospital later as a part of a total integrated program. Thus, except for those few hospitals whose only approved graduate program is an internship, ambulatory

experience may be scheduled at any time during the program when it is deemed appropriate in terms of the program objectives.

In order to provide a meaningful educational experience, the ambulatory patient population should include:

- a. patients with true emergency conditions,
- b. patients discharged from the hospital for follow-up care, preferably those cared for by the intern in the hospital,
- c. patients received for diagnostic study and continuing care.

Experience with ambulatory patients should be characterized by continuity of patient care which should be on a regularly scheduled basis. An assignment of at least one-half day per week for six to twelve months is preferable to a full-time block assignment. Some patients, selected to illustrate the natural history of certain disease processes, should be followed by the house officer for an extended period of time without regard to his subsequent clinical assignments. This experience should provide the house officer with an opportunity to understand the functions of community health and welfare agencies and their use for the benefit of his patients.

The conditions under which ambulatory patients are managed should simulate those of a private office practice. Adequate nursing, clerical, and ancillary personnel as well as adequate private office space should be provided.

This assignment should be adequately supervised by well qualified physicians on the hospital staff.

If the above conditions cannot be satisfied in a formally organized outpatient department, with or without specialty clinics, the hospital emergency department or office preceptorships may satisfy the requirement for experience with ambulatory patients. However, utilization of the hospital emergency department to meet the above requirements entails a different program organization from one providing only for the care of true emergencies. This includes provision for accepting patients as described above for follow-up of patients discharged from the hospital, diagnostic study, and continuing care on an appointment basis.

(a) Emergency Department: Assignment to an emergency department solely for emergency experience does not satisfy the requirement for ambulatory patient experience. On the other hand, a graduate medical education program should not exclude adequate experience in the initial management and follow-up care of common emergencies.

The assignment of house officers to such an emergency service can be justified as an educational experience only when adequately supervised by well-qualified physicians on the hospital staff.

A full-time assignment to a busy emergency service should not exceed two months. Rotating night and week-end assignments on an emergency service throughout the year are acceptable.

The house officer should not be assigned routinely to accompany the ambulance on emergency calls. This is rarely an educational experience, and hospitals should provide other trained personnel for this duty.

(b) Preceptorships: Although preceptorships in the offices of staff physicians usually do not provide a satisfactory experience with ambulatory patients, under special circumstances and when properly organized and faithfully implemented, they may meet the requirement, at least in part. However, serious questions arise as to the educational value of preceptorships if the house officers must go to the private offices of several members of the hospital staff when such offices are unrelated to each other and are scattered geographically.

Special consideration will be given to each application proposing a preceptorship, particularly to one involving a limited number of physicians whose offices are located together or nearby, or where there is a group or clinic type

of arrangement in which the management of a pool of patients and the participation of the house officer follows the pattern of a well-organized and supervised outpatient department.

The preceptor should arrange his office hours and patient load with the same care that his formal teaching rounds in the hospital are arranged. He should actually reduce his office patient load during the preceptorial periods in order to provide effective supervision and instruction of the house officer. The house officer should be given appropriate responsibility in the study and management of the patient.

Although visits of interns to the offices of selected physicians for purposes of observing methods of private office practice, special techniques, and office management may be an appropriate part of the training program and are encouraged, such observational visits in themselves do not provide the required experience with ambulatory patients described above.

(c) Evaluation of Ambulatory Teaching Experience: In order to assure that interns have appropriate assignments for learning with ambulatory patients, when assigned on a preceptorship or to an emergency department in lieu of an outpatient department, a log should be kept for each intern. This log should show the assignments of the intern, the names and unit numbers of the patients for whom he has assumed responsibility, the diagnosis, the procedures he performed or with which he assisted, and the supervision he received. The form for this log should be developed by the individual hospital, adapting it to the record system of the hospital, but it should be available for each intern at the time the program is surveyed by a representative of the Council on Medical Education.

In addition to its use during the program surveys, such a log should be reviewed periodically by appropriate members of the hospital staff as part of a regular program analysis in order to assure that the educational experience of the intern is of the necessary scope and depth.

9. *Special Requirements for Programs of International Educational Exchange in Medicine.*—In addition to the foregoing requirements for all interns, those programs which accept graduates of foreign medical schools should contain certain *special additional features* which are essential to the effective education and training of such individuals.

(a) In addition to the program described in paragraph 4 of this section, orientation for the foreign medical graduate should include thorough familiarization with patterns of American hospital and clinical practice, organizational responsibilities of hospital personnel, legal as well as moral and ethical concepts of physician-patient relationships, and the varying patterns of graduate medical education which lead to competence in practice.

(b) While the ECFMG resources described in Section III, "Selection of Interns," are intended to provide reasonable assurance regarding the medical qualifications of foreign medical school graduates, many such individuals have deficits in background education and experience not ordinarily found in graduates of United States or Canadian medical schools. Special educational activities should be designed to correct these deficits in the area of professional medical knowledge, and in some cases in the use of the English language.

(1) Effective participation in the medical management of patients is impossible without an appropriate degree of appreciation by the foreign trained physicians of the cultural backgrounds of their patients. Such appreciation is unlikely to develop in the absence of carefully planned and conscientiously conducted programs of contact with a wide cross-section of American family life and of other non-medical activities characteristic of the American way of life.

(c) The countries of origin of foreign medical graduates have widely-varying needs for health and medical care, and the programs for individual foreign physicians should re-

flect an interest in those features of clinical practice most essential to the foreign physician upon return to his own country.

#### XI. NATURE OF THE INTERN'S DUTIES

Each intern caring for and in charge of patients should obtain and write or dictate the history, perform and record the results of the physical examination, and state his diagnosis on all patients assigned to him. He should perform laboratory work of such nature as will give him familiarity with and competence in the performance of those procedures which the practicing physician is ordinarily or usually called upon to perform. In addition, under adequate supervision he may be given some experience in the hospital laboratories with more complicated and difficult tests. He should be familiar with the proper use of such tests and the interpretation of the results. He should not be burdened by an excessive amount of routine procedures of limited educational value, nor should he be assigned to tasks of a non-professional nature. The non-operative and non-specialized treatment of each patient under his care is his responsibility under the critical guidance and supervision of the attending physician. Such supervision should be greater during the early stages of his internship with increasing responsibility afforded the intern as his training progresses and his capabilities are demonstrated.

He should make ward rounds with the attending and resident staffs at suitable intervals, preferably daily. At such times, he should visit the patients under his care and others, discussing their progress. He should receive instruction, information, criticisms, advice, suggestions, and assistance from his superiors, who thus contribute to his education. When serving on surgical services, he should attend operations to which he may be assigned. He should act in the capacity of an assistant, as directed by his superiors, thus attaining knowledge and experience with respect to operating room procedures and techniques.

The intern should make frequent progress notes on the record describing the patient's clinical course and should record all treatment or special diagnostic procedures or make certain that they are promptly and correctly recorded. When a patient is discharged, the intern should write a concluding note which summarizes the patient's course in the hospital, describes the patient's condition as he leaves, and states the final diagnosis.

He should attend autopsies on his own and other patients, seminars, staff meetings, clinico-pathological and radiologic conferences, and meetings at which there is a discussion of patients' records subsequent to discharge. In those hospitals with emergency and outpatient services, he should be given assignments in which the basic principles of his professional duties are the same as those on the inpatient service. He should meet the family and friends of his patients and judiciously confer with them. He should consult with social service regarding the social, emotional, and environmental aspects of the patient's disease and the community resources available.

In view of the importance of every physician learning to function as a member of a team, the intern should consult freely with the nursing staff, dietitians, and physical and occupational therapists, as well as with social service workers, concerning all problems which lie within their respective fields of interest. Similarly, he should not overlook the valued assistance he can frequently obtain from his patients' religious counselors. He should report all notifiable diseases as required by law to the proper authority.

Not infrequently the intern is given the opportunity to take a part in the instruction of medical students, nurses, social workers, and others who participate with him in teaching and service activities of the hospital. Such opportunities are to be welcomed as providing a stimulus to the intern to add to his own knowledge and understanding of a subject and to organize and clarify his thinking. Such

opportunities also serve admirably to introduce the intern to the role of teacher, a role which in one capacity or another he will be called on to fill at many points in his later career.

An intern's duties and responsibilities are not discharged on a "nine-to-five" basis. While an acceptable internship provides for a reasonable amount of free time, his thought for and contact with his patients should be on a "round-the-clock" basis. He is thus properly subject to call at all times except when specifically off duty, and arrangement must be made to ensure his prompt availability. Such close attendance on his patients is an important factor in the educational experience of the intern.

Since the intern is a full-time student, he should devote his time to his educational program and may not accept outside remunerative positions. Exceptions to this principle should be made only with the approval of the hospital staff and administration.

Although acquisition of the necessary clinical experience is best accomplished when the intern participates in the care of patients on a "round-the-clock" basis, it should be recognized that some flexibility is desirable when a rigid 24-hour per day schedule would prevent a qualified medical graduate from becoming a licensed practitioner. The Council has followed regularly the policy of recommending special internship programming for MD graduates with physical limitations.

A special problem on internship arises in the case of female graduates of medical schools who have obligations, especially those to dependent children, which prevent them from engaging in full-time internship activities. Uncompromising adherence to the traditional internship schedule may prevent these women from ever practicing medicine.

The Council does not wish to discourage the appointment of qualified female physicians to part-time internships, provided the responsible program director is able to arrange a program which meets the educational needs of the trainee and provided its total extent results in the sum of clinical experience and responsibilities acquired by an intern on a normal schedule. Such a part-time plan must be fair to the other interns and fully compatible with the hospital's training program and responsibilities in the care of patients.

If a program director wishes to arrange to accept female physicians for part-time internship duties, he must justify to the Council, as well as to state licensing boards, the manner in which the program will be arranged so as to provide the equivalent of a full year's internship experience, the manner in which the part-time intern's experience and responsibilities will be documented, and the manner in which intern's patient care responsibilities will be discharged during those periods when she will not be on duty.

#### XII. MISCELLANEOUS

1. *Rules for the Intern Staff.*—A set of rules and regulations setting forth the intern's duties and privileges should be provided by the hospital. In a well-organized, comprehensive program these may be explained in the form of a manual to include floor procedures, general orders, and the like, in addition to defining the intern's responsibilities.

2. *Record of Interns' Assignments and Certificates of Service.*—It is advantageous both to the hospital and to the intern that an adequate record be kept of his activities on each service to which he is assigned. Such information is helpful to the hospital in evaluating its intern-training program and is required by some state licensing boards and other agencies. At the completion of his internship, he should be furnished with a certificate of service, attesting to the satisfactory completion of his training period. The hospital is justified in withholding such a certificate only if the intern fails to complete his internship or if his performance has been such as to indicate that he is unfit for the practice of medicine. Under no circumstances should the hospital arbitrarily refuse to issue such a certificate for relatively minor

reasons. In the event of illness necessitating the intern's withdrawal from training, the hospital may properly issue a certificate to include the period of training completed.

3. *Interns' Stipends.*—Traditionally, the internship has been considered an extension of the physician's education during which he provides the hospital with certain services in return for his experience. The increased costs of a medical education and the additional financial obligations with which many graduates are burdened have made the payment of a reasonable stipend to interns, which may be considered as a scholarship for graduate study, a widely accepted practice. However, when a hospital resorts to the payment of excessive salaries, bonuses, or other forms of remuneration to attract an intern staff, there is reason to question the adequacy of its educational program.

4. *Interns' Living Quarters.*—It is expected that the hospital will provide its intern staff with healthful food as well as adequate living quarters and recreational facilities. The hospital may also provide suitable living accommodations for married interns, preferably within or adjacent to the hospital.

5. *Interns' Health.*—The hospital should be concerned with the intern's health during his period of service. Each intern should be given a thorough physical examination, including a roentgenogram of the chest and routine laboratory studies, at the beginning of and periodically as might be indicated during his internship. A member of the attending staff should be assigned the responsibility of acting as personal physician to the interns, with a readily available consultation service provided by other members of the attending staff. The hospital should be willing to accept a reasonable share of the responsibility for continuing care of long-term illness contracted by the intern directly in the discharge of his duties.

6. *Intern-Resident Relationship.*—In a hospital conducting both intern and residency training, care must be exercised to assure that neither group is neglected in the training program. The duties and responsibilities of both intern and resident should be clearly defined to preclude this possibility. It is obvious that the intern cannot be given the same degree of responsibility as that assumed by the resident. However, the intern should not be relegated to a position of an assistant to the resident performing routine duties of little or no educational value. A well-integrated intern-resident program can enhance the value of the training received by each member of the house staff. Conversely, a program in which either the intern's or the resident's training is stressed to the neglect of the other will result in a lowering of morale and consequent dissatisfaction. It is the responsibility of the chief of each service to assure that every member of the house staff is receiving the attention he requires and is given responsibility commensurate with his ability and stage of training.

7. *Hospital-Intern Agreement.*—A formal agreement in which mutual obligations are defined should be entered into between the hospital and the applicant at the time of his appointment. This agreement must be honorably fulfilled by both parties and when terminated by mutual consent, the hospital should provide a statement of release from the agreement or contract.

The Council urges that all inducements, representations, and agreements made with respect to the offer and acceptance of an internship be embodied in the terms of a written agreement which should specify at a minimum the following:

1. The term of the internship.
2. The salary.
3. The conditions under which living quarters, meals and laundry or their equivalent are to be provided.
4. Whether the hospital will provide professional liability (malpractice) insurance for the intern, or whether he will be expected to provide such insurance at his own cost if he desires the coverage.

5. Whether the hospital will provide hospitalization and health insurance for the intern and his family.
6. Vacation periods.
7. Hours of duty, or the method by which this is to be determined.
8. The content of the educational phase of the internship, including duration and sequence of the specified assignments to clinical, laboratory or ambulatory care facilities.

The internship agreement imposes ethical, moral, and legal obligations upon both the hospital and the intern. No internship should be terminated prior to its expiration date without the opportunity for both parties to discuss freely any differences or grievances that may exist.

Under particular circumstances, the hospital or the intern may be justified in terminating an internship prior to the expiration of its term. If the intern fails to perform the normal and customary services of an internship or fails to comply with the reasonable rules that are necessary in the orderly operation of the hospital, the hospital may be justified in taking such action. Likewise, a physician should be entitled to rely upon representations with respect to opportunity for educational experience, conditions of service, living quarters, agreed vacation periods, etc., that are made to induce him to apply for the internship.

A breach of the agreement by either a hospital or an intern is not condoned by the Council. Whenever complaints of such a breach is made, it is the policy of the Council to ask each of the parties involved to submit an explanatory statement. Such statements become a part of the physician's and hospital's record, and are made available upon request to authorized agencies.

### XIII. ADMISSION TO THE APPROVED LIST

*Application for Approval.*—Hospitals that desire to qualify for approval for intern training should apply to the Council on Medical Education of the American Medical Association, 535 N. Dearborn St., Chicago 60610. Appropriate forms for this purpose will be furnished on request. They should be completed with care by the hospital administrator or a member of the staff who is acquainted with the hospital's proposed program, with one copy to be returned to the Council's office. On receipt of the application, arrangements will be made for a member of the Council's staff to visit the hospital for the purpose of reviewing the training program and inspecting facilities.

Evaluation of intern-training programs in hospitals will be made on an individual basis, with all available pertinent data taken into consideration and reasonable flexibility used in the application of requirements.

Approval for intern training, including the number and type of internships, is granted on an annual basis, through publication of the name of the hospital in the list of approved programs in the *DIRECTORY OF APPROVED INTERNSHIPS AND RESIDENCIES*. This Directory will appear each fall.

### XIV. WITHDRAWAL FROM THE APPROVED LIST

Recognition of a hospital for intern training may be withdrawn at any time it is adjudged by the Council that the hospital fails to comply with one or more of the requirements set forth in these "Essentials of an Approved Internship." Except for withdrawal on a basis of inactivity, at the request of the hospital, or for non-compliance with the ECFMG certification requirements for foreign medical graduates, the Council does not withdraw approval of a program unless major deficiencies are still uncorrected after a 12-18 month period of probationary warning.

Among other major deficiencies leading to probationary status are:

- (1) Failure to maintain an autopsy rate of at least 25%.
- (2) Failure to maintain an appropriate ratio of admissions per intern. While Section IV of these "Essentials"

specifies that a hospital eligible for approval should have a minimum complement of six interns and a ratio of 15 to 25 beds per intern, an excessively rapid turnover of patients may result in such a high admission rate that the greatly increased work load will result in deterioration in the educational experience of the interns and unsatisfactory service to the hospital.

(3) Failure to secure a minimal effective complement of interns for two successive years. It is in the direct interest of hospital service requirements that there be uninterrupted service coverage in each of the major clinical departments. This minimal effective complement should also provide for effective coverage during emergency room assignment, affiliated assignments and off-duty periods, for uninterrupted operation of the teaching program, a sufficiently large group of interns to permit the necessary group interaction during teaching activities, and effective stimulus to the staff to provide a real educational program.

Programs unable to secure a sufficient number of interns to provide minimal coverage of the above services for two successive years may remain approved only when no other significant deficiencies in the training program exist, and then only for a limited additional period of time if they continue to secure inadequate numbers of interns.

(4) Failure on the part of those responsible for the program to recognize and discharge their obligations as sponsors of Exchange-Visitor Programs with special attention to the necessary educational and cultural interchange among colleagues of diverse national origins. Internship programs will not be disapproved on the basis of specific proportions of foreign medical graduates. It is nevertheless a useful guide and meritorious objective for hospitals whose internship programs are composed predominantly of foreign-educated physicians, to strive to obtain a reasonable proportion of the total house officer complement (interns and residents) from among graduates of medical schools of the United States or Canada.

Lack of evidence of recognition, planning, and implementation of the special requirements described in Section X, paragraph 9, will be regarded as a deficiency in any program accepting numbers of foreign medical graduates. On the other hand, evidence of exceptional performance in this area, especially for a program composed wholly of such physicians, will warrant commendation by the Council on Medical Education.

The Council believes that all hospitals with approved programs share an equal moral responsibility for participation in educational exchange programs. This responsibility is not limited to physicians from other lands who seek to further their education as house officers in our hospitals; it is also to our native-born house officers so that they may contribute to and receive the benefits of mutual understanding and knowledge resulting from a working relationship with their colleagues from other countries.

*Re-applications for approval* will not be accepted ordinarily from hospitals whose programs have been disapproved until lapse of a significant period of time for evaluation and reorganization. The Council considers that effective reorganization of disapproved programs will require a minimum

of six months, and frequently longer, before re-application should be accepted.

The Council is concerned with any program which appears to accept numbers of interns which may be in excess of the educational resources and the service requirements of the hospitals involved. The medical staffs of both affiliated and non-affiliated hospitals should be prepared to justify each intern position offered, particularly where there are coexisting undergraduate clerkship programs and residency programs.

#### APPENDIX: SUGGESTIONS TO HOSPITALS NOT ELIGIBLE FOR INTERNSHIP APPROVAL

Hospitals which are unable to qualify for internship approval should give consideration to other means of providing adequate medical service. It should be noted that less than 15% of the hospitals in this country are approved for intern education. Although the immediate availability of physicians on a 24-hour basis and the maintenance of adequate clinical records is a major problem facing many hospitals lacking intern staffs, unquestionably a large proportion of them provide a high level of patient care despite this lack.

The following suggestions for providing adequate medical service on a 24-hour basis are offered to the staffs of hospitals unable to qualify for internship approval:

1. Depending on the size of the hospital, one or more younger physicians who have completed their formal hospital training may be employed to assist the attending staff in the care of their patients by performing certain of the functions ordinarily carried out by the house staff. An adequate salary and living quarters within the hospital or on the hospital property should be provided. These physicians should be employed under terms which conform to accepted ethical practices.

2. If the size of the hospital staff makes it practicable, responsibility for night duty, or 24-hour duty, may be arranged for through rotation of this assignment among the members of the junior attending staff.

3. If the junior staff is too limited in number, these duties may be rotated through the entire attending staff.

4. A junior attending or courtesy staff physician who is just starting the practice of medicine in the community may be employed on a part-time basis to care for emergencies and perform house-staff duties during the night.

5. Nurses, qualified technicians, and other ancillary personnel may be trained to perform many procedures ordinarily assigned to the intern staff.

With respect to the maintenance of adequate records, hospitals not conducting educational programs may give consideration to developing a type of clinical record that will be more economical of time and effort than the type required of hospitals conducting educational programs and still include all essential data. A concise, inclusive clinical summary, along with a brief history and report of physical examination, may frequently suffice for this purpose, particularly if supplemented by copies of records from the physician's office. Except for emergency admissions, the hospital could require that each referring physician supply a copy or summary of the patient's office examination and diagnosis to serve as an admission note.



# Directory of Approved Residencies

Council on Medical Education of the American Medical Association

535 North Dearborn Street, Chicago 60610

Revised to June 30, 1968

Hospitals, 1,412

Residencies, 41,695

Residency training programs in the following specialties or subspecialties have been approved by the Council on Medical Education as meeting the requirements of the Essentials of Approved Residencies, which are published separately by the Council. For the majority of specialties, special Review Committees exist composed of representatives of the Council, representatives from the specialty boards concerned, and in some cases representatives from a national professional organization in that special field. The sponsoring parent organizations for the Review Committees approve changes in policy, but in general have delegated final authority to the Review Committees for approval or disapproval of training programs and for their listing in this Directory.

This issue follows the format adopted in 1960 for the listing of residencies. General features relating to the hospitals will be found in the Consolidated List which begins on page 31.

The average daily census for each specialty service usually reflects a 12-month period ending September 30, 1967.

Total admissions include transfers from other services. Average daily census multiplied by 365 gives total inpatient days; this divided by admissions gives average length of stay, a useful measure of comparison.

The total number of deaths and the necropsy percentage are shown for each specialty so that one can calculate the actual number of necropsies performed for the particular service, and can further calculate mortality rates as an index of the severity of illnesses admitted to the particular service.

Outpatient visits may include emergency room visits as well.

The tabulation of residencies offered in successive years includes all positions planned for each of five years. The pyramidal or vertical nature of each program is thus suggested. In some instances, the total of residencies offered may be greater than the sum of those shown for each of the five years, thus indicating that appointments might be made for periods longer than five years. The numbers do *not* indicate vacancies in the various years of the program; they do indicate the maximum number of appointments made for each year of the residency. The absence of numbers does not indicate that positions are not planned for that year but simply indicates that specific numbers were not available at the time of publication or could not be meaningfully interpreted for each column. In some instances the caption heading of a specialty list will describe special identification of those hospitals offering training beyond the period for which approved.

The salary range lists the beginning minimum salary for a single resident and the maximum salary in the final year of the approved program. As in the list of approved internships, F means full maintenance and P means partial maintenance. If full maintenance is provided for single residents, and additional benefits (including additional salary) are paid to married residents, then both F and P will be indicated. F alone means full maintenance for both single and married. No maintenance symbols or a "0" means a hospital pays salary only. The salary data supplied by the hospital may be out of date by the time it is published; candidates should ascertain from the program directors whether the information shown in this Directory is still current and complete.

\*indicates number includes appointments made for residents preparing for training in other fields

†indicates special training available beyond the period for which program is approved

‡indicates discharges instead of admissions.

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1. ANESTHESIOLOGY

Residency programs in the following hospitals have been approved for TWO or for THREE years of training by the Council on Medical Education and the American Board of Anesthesiology, through the Residency Review Committee for Anesthesiology. If approved for a third year of training, the type of training offered for the added year is indicated by one or more of the following symbols: A—research approved by the program director; B—subspecialty training in clinical anesthesia more advanced than that given in the two-year program; C—study in a basic science or a clinical discipline other than anesthesia. Programs, 199; Residencies, 1,997

	Chief of Service or Program Director	Total Anesthetics	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>												
<b>TEXAS</b>												
Wilford Hall U.S.A.F., San Antonio	A. J. Digiovanni	10,482	205	3A	6	6	0	0	0	12		
<b>UNITED STATES ARMY</b>												
<b>DISTRICT OF COLUMBIA</b>												
Walter Reed General, Washington	H.R.Hansen	9,719	248	3A	4	4	4	0	0	12		
<b>TEXAS</b>												
Brooke General, San Antonio	M. K. Mendenhall	8,438	30	3A	4	4	3	0	0	11		
<b>UNITED STATES NAVY</b>												
<b>CALIFORNIA</b>												
U. S. Naval, Oakland	H.N.Dean	5,369	68	2	3	2	0	0	0	5		
U. S. Naval, San Diego	D. R. Buechel	10,301	704	3AC	5	3	2	0	0	10		
<b>MARYLAND</b>												
U. S. Naval, Bethesda	R. Vanhouten	5,103	140	3ABC	3	1	1	0	0	5		
<b>MASSACHUSETTS</b>												
U. S. Naval, Chelsea	W. J. Gallagher, Jr.	2,816	95	2	3	2	0	0	0	5		
<b>NEW YORK</b>												
U. S. Naval, St. Albans <sup>68</sup>	R. H. Norton	3,329	55	2	2	1	2	0	0	5		
<b>PENNSYLVANIA</b>												
U. S. Naval, Philadelphia	G. Mitchell	4,092	150	2	4	1	0	0	0	5		
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>												
<b>NEW YORK</b>												
U. S. Public Health Service (Staten Island), New York City <sup>68, 847</sup>	K. F. Urbach	3,178	147	2	3	3	2	0	0	8†		
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>												
<b>ALABAMA</b>												
Fairfield												
Lloyd Noland	R.W.Grady	5,213	574	2	2	1	0	0	0	3	6900-7500	FP
<b>ARIZONA</b>												
Phoenix												
Maricopa County General	T. Crawford	6,094	520	2	2	2	0	0	0	4	8484-9194	P
<b>ARKANSAS</b>												
Little Rock University	F.Greifenstein	3,380	2	2	3	3	2	0	0	8	4900-5500	O
<b>CALIFORNIA</b>												
<b>Davis</b>												
University of California (Davis) Affiliated Hospitals												
Sacramento County (Sacramento) <sup>68</sup>	H. Davis	3,161	12	2	3	3	3	0	0	9	8520-9852	P
<b>Loma Linda</b>												
Loma Linda University	B.D. Briggs	3,963	42	2	4	4	0	0	0	8	6198-7260	FP
Riverside General (Riverside)		2,246										
<b>Los Angeles</b>												
Los Angeles County-U.S.C. Medical Center	J. S. Denson	14,531	1,398	3AC	14	14	3	0	0	31	7632-8892	P
U. C. L. A. <sup>68</sup>	J. B. Dillon	6,497	310	2	9	8	1	0	0	18	5400-6100	O
Veterans Admin. Center-Wadsworth <sup>68</sup>	P. F. Shroff	5,343	35	2	5	5	2	0	0	12	8032-10564	P
White Memorial Medical Center	F.E. Leffingwell	4,848	266	3ABC	3	3	3	0	0	9	6660-7860	P
<b>Oakland</b>												
Highland General	P. Carbone	4,244		2	4	4	0	0	0	8	7200-7800	P
<b>Orange</b>												
University of California (Irvine) Affiliated Hospitals												
Orange County Medical Center	C.C. Leydic	2,983	152	2	3	3	0	0	0	6	7296-7908	P
<b>Palo Alto</b>												
Stanford Medical Center and Affiliated Hospitals												
Palo Alto-Stanford Hospital Center	J.P. Bunker	11,514	610	3ABC	5	5	2	0	0	12		
Veterans Admin.	W.H. Forrest	1,335									5700-6600	P
<b>Riverside</b>												
Riverside General - See Loma Linda University, Loma Linda												
<b>Sacramento</b>												
Sacramento County - See Univ. of Calif. (Davis) Affiliated Hosps., Davis												
<b>San Diego</b>												
Mercy	G. E. Kinyon	8,262	1,675	2	1	1	0	0	0	2	5280-7080	F
University Hospital of San Diego County	B. Smith	4,137	31	2	3	3	3	0	0	9	5200-6500	P
<b>San Francisco</b>												
Children's Hospital and Adult Medical Center	B. Holman	7,200	12	2	1	1	0	0	0	2	7800-8400	P
University of California Program <sup>819</sup>	W. K. Hamilton			3ABC	12	13	8	0	0	33		
H. C. Moffitt-University of California Hospitals		18,249									5200-8400	O
San Francisco General											4692-8652	P

Numerical and other references are listed on pages 279 through 282.

1. ANESTHESIOLOGY — Continued

	Chief of Service or Program Director	Total Anesthetics	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>CALIFORNIA-Continued</b>												
<b>San Jose</b>												
Santa Clara Valley Medical Center	P. A. Olsen	3,648	850	2	3	3	0	0	0	6	7238-7758	F
<b>Torrance</b>												
Los Angeles County Harbor General <sup>68</sup>	P. Lorhan	5,794	143	2	5	5	5	0	0	15	7632-8256	P
<b>COLORADO</b>												
<b>Denver</b>												
University of Colorado Affiliated Hospitals	R. W. Virtue	5,497	345	3AB	6	6	2	0	0	14	4500-5500	O
University of Colorado Medical Center	R. W. Virtue	2,897	80	...	...	...	...	...	...	...	4610-8230	O
Veterans Admin.	T.E.Starzl											
<b>CONNECTICUT</b>												
<b>Hartford</b>												
Hartford	C.Hickcox,D.Little,Jr	24,185	125	3ABC	5	5	2	0	0	12	7000-8500	P
St. Francis	SJ.Martin	19,308	1,176	2	5	5	0	0	0	10	4500-4800	F
<b>New Haven</b>												
Hospital of St. Raphael	M. Garafalo	9,677	121	3B	2	1	1	0	0	4	5400-7220	P
Yale-New Haven Medical Center		1,412	57	3ABC	5	5	2	0	0	12	6600-8400	P
Yale-New Haven	N. M. Greene											
<b>Waterbury</b>												
Waterbury	J. E. Keet	8,226	...	2	1	1	1	0	0	3†	6000-7200	FP
<b>DISTRICT OF COLUMBIA</b>												
<b>Washington</b>												
Freedmen's <sup>68</sup>	E. E. Henley	5,482	150	2	1	1	1	0	0	2	7300-10000	O
Georgetown University <sup>77</sup>	T. E. Macnamara	11,128	50	3BC	4	4	3	0	0	11	8500-9000	P
George Washington University	C. S. Coakley	12,590	925	3BC	9	8	3	0	0	20	7016-12000	P
Providence	W. H. Devlin	11,174	400	2	1	1	0	0	0	2	...	FP
Washington Hospital Center	W. Bruner	18,760	120	2	6	6	0	0	0	12	8200-8300	O
<b>FLORIDA</b>												
<b>Gainesville</b>												
William A. Shands Teaching Hosp. and Clinics	J. S. Gravenstein	4,882	185	3AB	5	5	3	0	0	13	4500-9000	O
<b>Miami</b>												
University of Miami Affiliated Hospitals	F. Moya	...	...	3ABC	9	9	5	1	0	24	...	...
Jackson Memorial	F. Moya	13,467	250	...	...	...	...	...	...	...	5693-12000	P
Variety Children's	A. Freeman	2,207	90	...	...	...	...	...	...	...	...	...
<b>Miami Beach</b>												
Mount Sinai Hospital of Greater Miami	B. Steinberg	8,048	10	2	2	2	0	0	0	4	6800-7300	P
<b>Tampa</b>												
Tampa General	H. Carron	14,668	700	2	2	2	0	0	0	4	5400-6000	FP
<b>GEORGIA</b>												
<b>Atlanta</b>												
Emory University Affiliated Hospitals	J. E. Steinhaus	...	...	3ABC	...	...	...	...	...	6	...	...
Emory University		6,212	50	...	...	...	...	...	...	...	...	P
Grady Memorial		7,699	300	...	...	...	...	...	...	...	5700-6300	P
<b>Augusta</b>												
Medical College of Georgia Hospitals		...	...	...	...	...	...	...	...	...	...	...
Eugene Talmadge Memorial <sup>68</sup>	P. P. Volpitto	3,600	48	2	5	5	2	0	0	12	7200-7800	P
<b>ILLINOIS</b>												
<b>Chicago</b>												
Chicago Medical School Affiliated Hospitals		...	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Medical Center of Chicago	H. Havdala	5,121	324	2	3	3	0	0	0	6	6000-9000	P
Cook County	V.J.Collins	15,560	321	3A	7	7	8	0	0	22	6800-8400	F
Illinois Masonic	M. S. Sadove	5,850	40	2	3	3	0	0	0	6	7200-8400	F
Michael Reese Hospital and Medical Center <sup>68</sup>	J. Bolgla	11,492	225	2	4	4	1	0	0	9†	5800-8400	P
Northwestern University Medical Center	J. Eckenhoff	...	...	3ABC	8	5	7	0	0	20	...	...
Chicago Wesley Memorial	J. Eckenhoff	9,376	817	...	...	...	...	...	...	...	6000-7000	P
Children's Memorial	N. Olsen	...	1,620	...	...	...	...	...	...	...	6000-8000	P
Passavant Memorial	J.Eckenhoff	5,314	131	...	...	...	...	...	...	...	6000-7500	P
Veterans Admin. Research	J.A. Valiunas	1,551	...	...	...	...	...	...	...	...	6400-8550	O
Evanston (Evanston)	C. A. Baldwin	7,567	723	...	...	...	...	...	...	...	6000-7000	P
Presbyterian-St. Luke's	R.Balogot	13,232	276	2	3	3	0	0	0	6	6000-7000	P
University of Chicago Hospitals and Clinics <sup>68</sup>	M. H. Harmel	8,878	62	2	4	4	4	0	0	12	6000-7000	O
University of Illinois Research and Education Hospitals <sup>68</sup> , 210	M. S. Sadove	10,700	780	2	5	5	1	0	0	11	5700-6200	P
<b>Evanston</b>												
Evanston - See Northwestern University Medical Center, Chicago												
<b>Hines</b>												
Veterans Admin. <sup>178</sup>	M. S. Sadove	2,586	110	2	4	4	0	0	0	8	6400-6700	O
<b>Joliet</b>												
St. Joseph <sup>177</sup>	A. W. Hoppins	8,538	25	2	3	3	0	0	0	6	6000-6600	O
<b>INDIANA</b>												
<b>Indianapolis</b>												
Indiana University Medical Center	V.K.Stoelting	...	...	3ABC	8	8	0	0	0	16†	...	...
Indiana University Hospitals		9,890	878	...	...	...	...	...	...	...	5100-5600	P
Veterans Admin.		1,692	96	...	...	...	...	...	...	...	4830-8550	O
Marion County General <sup>68</sup>	G. Dryden	4,802	180	2	3	3	0	0	0	6	5764-6183	P
Methodist Hospital of Indiana	R. S. Sappenfield	23,193	750	2	1	1	0	0	0	2	5880-6480	P
<b>IOWA</b>												
<b>Iowa City</b>												
State University of Iowa Affiliated Hospitals	J.Moyers	...	...	3ABC	8	8	4	0	0	20	...	...
University of Iowa Hospitals		16,200	552	...	...	...	...	...	...	...	5000-6000	P
Veterans Admin.		2,833	31	...	...	...	...	...	...	...	5400-8230	P
<b>KANSAS</b>												
<b>Kansas City</b>												
University of Kansas Medical Center <sup>68</sup>	R. Parmley	7,012	96	2	4	4	1	0	0	9	6000-6300	P

Numerical and other references are listed on pages 279 through 282.

1. ANESTHESIOLOGY — Continued

	Chief of Service or Program Director	Total Anesthetics	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P-O
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>KANSAS—Continued</b>												
<b>Wichita</b>												
St. Francis <sup>58</sup>	R. H. Robinson	14,280	263	2	4	4	2	0	0	10	6614-7217	FP
<b>KENTUCKY</b>												
<b>Lexington</b>												
University of Kentucky Medical Center <sup>58</sup>	P. P. Bosomworth	...	...	2	4	3	3	0	0	10	...	...
University	P. P. Bosomworth	5,856	106	...	...	...	...	...	...	...	4560-12000	P
Veterans Admin.	W. G. Malette	1,458	114	...	...	...	...	...	...	...	6440-12873	O
<b>Louisville</b>												
University of Louisville Affiliated Hospitals <sup>58</sup>	E. H. Conner	...	...	2	3	3	2	0	0	8	5000-5300	P
Children's	T. Mac Krell	2,870	...	...	...	...	...	...	...	...	...	...
Louisville General	E. H. Conner	6,707	122	...	...	...	...	...	...	...	...	...
<b>LOUISIANA</b>												
<b>New Orleans</b>												
Charity Hospital of Louisiana	J. Adriani	22,009	2,561	3ABC	...	...	...	...	...	20	5400-6000	F
Veterans Admin.	J. Adriani	4,139	180	...	...	...	...	...	...	...	5800-6400	O
Ochsner Foundation <sup>58</sup>	J. F. Arens	18,838	1,080	2	3	3	2	0	0	8	6500-7500	O
<b>MAINE</b>												
<b>Portland</b>												
Maine Medical Center	J. R. Lincoln	9,535	377	3AB	2	2	2	0	0	6	6500-8160	FP
<b>MARYLAND</b>												
<b>Baltimore</b>												
Baltimore City Hospitals	J. Redding	4,527	1,718	3ABC	2	3	3	1	0	9	5000-6500	O
Johns Hopkins	D. W. Benson	16,548	300	3ABC	5	5	2	0	0	12	5000-...	P
Sinai Hospital of Baltimore	L. Glassman	16,181	134	2	2	1	0	0	0	3†	5500-5900	P
University of Maryland	M. Helrich	10,060	980	3ABC	5	5	5	0	0	15	6500-8000	P
<b>MASSACHUSETTS</b>												
<b>Boston</b>												
Beth Israel	J. Hedley-Whyte	8,139	468	3ABC	4	3	3	0	0	10	6000-10000	F
Boston City	P. Marcus	10,432	208	2	8	6	0	0	0	14	8100-9000	P
Lahey Clinic	R. Orr	7,301	906	2	3	3	0	0	0	6	6600-7300	O
Massachusetts General	H. Beecher	16,132	1,580	3ABC	11	11	10	0	0	32	6600-8100	O
New England Deaconess	F. Audin	4,421	302	2	3	3	0	0	0	6	6600-7300	O
New England Medical Center Hospitals	B. E. Etsten	3,506	511	3ABC	3	3	2	0	0	8	6600-10000	O
Peter Bent	L.D. Vandam	5,004	195	3ABC	5	5	3	0	0	13	6600-8100	P
St. Elizabeth's Hospital of Boston	E. Fruggiero	10,164	625	2	3	3	0	0	0	6	6600-8100	P
University <sup>58</sup>	J. Vanderveen	4,700	12	2	3	3	2	0	0	8	6600-8100	O
Veterans Admin. (Jamaica Plain) <sup>58</sup>	D. L. Mahler	2,700	250	2	2	2	0	0	0	4	6600-7300	O
<b>Cambridge</b>												
Cambridge City	F. L. Comunale	2,800	250	2	2	2	0	0	0	4	6600-9000	P
<b>Pittsfield</b>												
Berkshire Medical Center	W. R. Padget	11,064	522	2	2	2	0	0	0	4	5180-7100	F
Pittsfield General	...	...	...	...	...	...	...	...	...	...	...	...
St. Luke's	...	...	...	...	...	...	...	...	...	...	...	...
<b>Springfield</b>												
Springfield	F.A.Dinale	7,052	42	2	2	2	0	0	0	4	6600-7300	P
<b>MICHIGAN</b>												
<b>Ann Arbor</b>												
University of Michigan Medical Center	R.B.Sweet	...	...	3AB	7	7	2	0	0	16	...	...
University	...	9,262	...	...	...	...	...	...	...	...	5000-6000	O
Veterans Admin.	...	2,219	0	...	...	...	...	...	...	...	4830-8550	O
<b>Detroit</b>												
Henry Ford <sup>58</sup>	P. R. Dumke	17,178	464	2	7	7	4	0	0	18	6180-6780	P
Sinai Hospital of Detroit	E.M.Brown	12,823	437	3BC	2	2	2	0	0	6	6600-7800	P
Wayne State University Affiliated Hospitals	G. Dal Santo	...	...	3AB	4	7	1	1	0	13	...	...
Detroit General	G. Dal Santo	8,647	275	...	...	...	...	...	...	...	6500-7400	P
Harper	A. B. Stearns	15,982	...	...	...	...	...	...	...	...	6600-6900	P
<b>Southfield</b>												
Providence	N. Bittrich	8,940	...	2	2	2	0	0	0	4	7500-7800	P
<b>MINNESOTA</b>												
<b>Minneapolis</b>												
University of Minnesota Affiliated Hospitals	F. H. Van Bergen	...	...	3ABC	8	8	8	2	0	26	5500-8000	O
University of Minnesota Hospitals	...	7,406	99	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	7,505	70	...	...	...	...	...	...	...	5000-13507	O
Gillette State Hospital for Crippled Children (St. Paul)	...	625	...	...	...	...	...	...	...	...	5524-5524	...
<b>Rochester</b>												
Mayo Graduate School of Medicine	A. Faulconer, Jr.	33,604	888	3ABC	5	5	5	0	0	15	5400-6800	P
Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Paul</b>												
Gillette State Hospital for Crippled Children - Univ. of Minnesota Affiliated Hospitals, Minneapolis	...	...	...	...	...	...	...	...	...	...	...	...
<b>MISSISSIPPI</b>												
<b>Jackson</b>												
University of Mississippi Medical Center <sup>58</sup>	L.W.Fabian	...	...	2	6	4	2	0	0	12	...	...
University	L. W. Fabian	6,000	50	...	...	...	...	...	...	...	5100-5400	O
Veterans Admin. Center	H.L.Gee	3,030	26	...	...	...	...	...	...	...	4830-5730	O
<b>MISSOURI</b>												
<b>Columbia</b>												
University of Missouri Medical Center	K.K. Keown	4,417	410	2	3	3	0	0	0	6	5000-5500	P
<b>Kansas City</b>												
Kansas City General Hospital and Medical Center	N. Beatty	3,777	74	2	1	1	0	0	0	2	5700-6300	FP
Children's Mercy	E. S. Brown	1,709	5	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

1. ANESTHESIOLOGY — Continued

	Chief of Service or Program Director	Total Anesthetics	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MISSOURI—Continued</b>												
<b>St. Louis</b>												
Barnes Hospital Group	R. Dodd	17,299	500	3ABC	4	4	4	0	0	12	6500-7500	O
Jewish Hospital of St. Louis	I.C. Susman	8,596	95	2	1	1	0	0	0	2	5700-6300	P
<b>Springfield</b>												
St. John's	O.B. Crawford	10,873	211	2	2	2	0	0	0	4	7200-7200	O
<b>NEBRASKA</b>												
<b>Omaha</b>												
University of Nebraska Affiliated Hospitals	J. R. Jones	...	...	3ABC	4	4	2	0	0	10	...	...
University of Nebraska	J. R. Jones	2,723	867	...	...	...	...	...	...	...	4900-5500	P
Douglas County	...	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	1,800	120	...	...	...	...	...	...	...	4830-5730	P
<b>NEW HAMPSHIRE</b>												
<b>Hanover</b>												
Mary Hitchcock Memorial	R. H. Barrett	6,831	10,000	2	3	3	0	0	0	6	5600-6200	O
<b>NEW JERSEY</b>												
<b>Hackensack</b>												
Hackensack	A. R. Wollack	10,126	200	2	2	2	0	0	0	4	3900-4200	F
<b>Livingston</b>												
St. Barnabas Medical Center	J. A. Cox	11,378	620	2	1	1	0	0	0	2	5400-6000	F
<b>Newark</b>												
Newark Beth Israel	A. Kortis	9,430	148	2	2	1	0	0	0	3	5300-5600	F
<b>Paterson</b>												
St. Joseph's	E.T. Lawless	9,315	85	2	3	3	0	0	0	6	7644-7944	O
<b>NEW YORK</b>												
<b>Albany</b>												
Albany Medical Center	K. Schmidt	11,444	20	2	5	5	0	0	0	10	6600-7900	P
<b>Buffalo</b>												
Buffalo General	R. Terry	13,177	81	2	4	4	0	0	0	8	5500-6000	O
Millard Fillmore	K. Kelly	12,272	427	2	3	3	0	0	0	6	5300-5700	P
S.U.N.Y. at Buffalo Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...
Edward J. Meyer Memorial	B. D. King	3,195	221	3ABC	2	3	2	0	0	7	5550-7260	P
<b>East Meadow</b>												
Meadowbrook	I. Weinberg	3,974	...	2	3	3	0	0	0	6	6316-6816	F
<b>New Hyde Park</b>												
Long Island Jewish Hospital Training Program	...	...	...	...	...	...	...	...	...	...	...	...
Long Island Jewish	S. N. Surks	7,165	302	3AC	3	3	2	0	0	8	6000-7750	O
Queens Hospital Center (New York City)	S. N. Surks	3,899	1,490	3AC	3	3	3	0	0	9	5750-6500	F
<b>New York City</b>												
Albert Einstein College of Medicine Affiliated Hospitals	...	...	...	3ABC	11	13	13	0	0	37	...	...
Bronx Municipal Hospital Center	L. R. Orkin	11,210	506	...	...	...	...	...	...	...	4980-5780	F
Hospital of the Albert Einstein College of Medicine	I. C. Andrews	5,110	145	...	...	...	...	...	...	...	4980-6000	F
Lincoln	E. Foster	4,939	1,265	...	...	...	...	...	...	...	4980-5780	P
Beth Israel	S. Joffe	6,014	200	2	5	4	0	0	0	9	6150-6650	P
Brookdale Hospital Center	A. C. Goldfeder	9,248	194	2	2	2	0	0	0	4	6000-7000	P
Cornell Cooperating Hospitals	J. Artusio	...	...	3ABC	7	10	4	0	0	21	...	P
New York Memorial Hospital for Cancer and Allied Diseases-James Ewing Hospital for Special Surgery	W. S. Howland	7,000	250	...	...	...	...	...	...	...	5950-8000	O
Flushing Hospital and Medical Center <sup>47</sup>	E. Apogi	5,979	29	2	1	1	0	0	0	2	5600-6500	P
Harlem Hospital Center	H. G. Cave	7,300	755	2	2	2	0	0	0	4	4980-5580	P
Jewish Hospital and Medical Center of Brooklyn	I. Pallin	11,840	114	2	6	5	0	0	0	11	5000-...	...
Lenox Hill	G. W. Rich	8,970	240	2	1	1	0	0	0	2	5600-6000	P
Maimonides Medical Center Training Program <sup>58</sup>	...	...	...	2	4	4	2	0	0	10	...	...
Maimonides Medical Center	P. Sechzer	10,787	450	...	...	...	...	...	...	...	6000-7750	P
Coney Island	...	...	...	...	...	...	...	...	...	...	4980-...	P
Methodist Hospital of Brooklyn	G. Wallace	11,242	226	3C	3	3	3	0	0	9	6000-7100	P
Misericordia - Fordham Training Program	A. L. Mauro	8,202	310	2	3	3	0	0	0	6	6600-8700	F
Misericordia	...	...	...	...	...	...	...	...	...	...	...	...
Fordham	...	...	...	...	...	...	...	...	...	...	...	...
Montefiore Hospital Training Program	F. Foldes	...	...	3AB	8	8	2	0	0	18	6120-7880	P
Montefiore Hospital and Medical Center	...	6,136	853	...	...	...	...	...	...	...	...	...
Morrisania City	...	3,669	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Training Program <sup>58</sup>	L. Rendell-Baker	...	...	2	9	9	2	0	0	20	...	...
Mount Sinai	L. Rendell-Baker	15,815	...	...	...	...	...	...	...	...	6000-7500	P
City Hospital Center at Elmhurst	A. Rosenthal	7,664	1,143	...	...	...	...	...	...	...	6300-7300	F
Hospital for Joint Diseases and Medical Center	A. M. Betcher	3,697	165	...	...	...	...	...	...	...	6000-7000	P
New York Polyclinic Medical School and Hospital <sup>58</sup>	J. Milowsky	5,504	450	2	2	2	1	0	0	5	5900-6200	P
New York University - Bellevue Medical Center	V. D. B. Mazzia	...	...	3ABC	10	13	4	1	0	28 <sup>†</sup>	7440-8680	...
Bellevue Hospital Center	...	8,629	365	...	...	...	...	...	...	...	...	P
University	...	7,945	1,019	...	...	...	...	...	...	...	...	P
Veterans Admin. (Manhattan)	...	2,995	97	...	...	...	...	...	...	...	...	O
Presbyterian	E. Papper	22,208	175	3ABC	16	17	5	0	0	38	6000-8500	O
Queens Hospital Center - See Long Island Jewish	Hosp. Training Prog., New Hyde Park	...	...	...	...	...	...	...	...	...	...	...
St. John's Episcopal	P. Sanchez	48	2	2	2	0	0	0	0	4	5500-6500	FP
St. Luke's Hospital Center	L. Blancato	10,250	186	3ABC	3	6	3	0	0	12	6000-7000	P
St. Vincent's Hospital and Medical Center of New York	R. Hicks	9,797	391	3ABC	3	3	2	0	0	8	6440-7640	P
State University-Kings County Medical Center	S. W. Weitzner	...	...	3ABC	8	8	9	0	0	25	...	...
Kings County Hospital Center	...	10,140	406	...	...	...	...	...	...	...	4980-5780	P
State University	...	1,203	...	...	...	...	...	...	...	...	6690-8110	...
Veterans Admin. (Bronx)	B. Ciliberti	3,855	450	2	3	3	0	0	0	6	7090-13507	O

Numerical and other references are listed on pages 279 through 282.

I. ANESTHESIOLOGY — Continued

	Chief of Service or Program Director	Total Anesthetists	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance O
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK — Continued</b>												
<b>Rochester</b>												
Genesee	T. W. Morgan	10,938	...	2	1	1	0	0	0	2	6600-7100	O
St. Mary's	V. J. Tofany	8,727	149	2	1	1	0	0	0	2	5750-6250	P
Strong Memorial Hospital of the University of Rochester	A. J. Gillies	11,344	450	3ABC	4	4	4	0	0	12	5500-8500	P
<b>Syracuse</b>												
St. Joseph's	C. Geiger	10,494	527	2	2	3	0	0	0	5	6700-7400	F
S.U.N.Y. Upstate Medical Center	A. B. Dobkin	11,993	138	3ABC	7	7	4	0	0	18	6050-6950	O
Crouse-Irving	J. Bertrand	6,889	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	A. B. Dobkin	2,504	51	...	...	...	...	...	...	...	5050-5730	O
<b>Valhalla</b>												
Grasslands	H. F. Bishop	2,276	557	2	2	2	1	0	0	5+	9256-10010	P
<b>NORTH CAROLINA</b>												
<b>Chapel Hill</b>												
North Carolina Memorial <sup>58</sup>	K. Sugioka	6,481	300	2	2	2	2	0	0	6	4500-6500	O
<b>Durham</b>												
Duke University Medical Center	S. J. Dent	12,783	13	3ABC	6	6	3	0	0	15	5500-7000	P
Veterans Admin.	R. E. Benway	4,742	192	...	...	...	...	...	...	...	4610-8230	O
<b>Winston-Salem</b>												
North Carolina Baptist Hospitals	T. Irving	8,156	380	2	2	2	0	0	0	4	5500-7000	P
<b>OHIO</b>												
<b>Cleveland</b>												
Cleveland Clinic	C. Wasmuth	11,200	359	2	3	3	0	0	0	6	5400-6600	P
Cleveland Metropolitan General <sup>58</sup>	H. E. Kretschmer	9,418	31	2	2	1	0	0	0	5+	3800-8260	P
Fairview General	R. Warren	9,305	730	2	2	1	0	0	0	5	3400-6600	F
Huron Road	J. K. Potter	7,481	24	2	2	4	0	0	0	8	4800-5100	FP
Marymount <sup>58,284</sup>	N. G. De Piero	5,950	425	2	2	3	2*	0	0	8+	6300-6900	F
Mount Sinai Hospital of Cleveland	S. Katz	12,273	312	2	3	2	0	0	0	5	6600-7300	O
St. Alex's	L. E. Campbell	5,552	133	2	2	2	0	0	0	4	6000-6600	FP
St. Luke's	B. E. Sankey	11,343	112	2	1	1	0	0	0	2	4600-7300	P
St. Vincent Charity	D. Mendelsohn	4,787	620	2	2	2	0	0	0	4	4920-5100	P
University Hospitals of Cleveland	J. G. Fraser	17,166	498	3AB	6	6	4	0	0	14	6000-7500	P
Veterans Admin.		2,714	258	...	...	...	...	...	...	...	6850-10250	P
<b>Columbus</b>												
Ohio State University Hospitals	W. Hamelberg	21,184	300	3ABC	5	5	5	0	0	15	6000-6600	P
<b>Toledo</b>												
Toledo	D. M. Katchka	10,987	560	2	1	2	0	0	0	3	6300-6600	F
<b>Youngstown</b>												
St. Elizabeth <sup>58</sup>	A. Bayuk	11,901	650	2	4	4	2	0	0	10	5400-8100	FP
Youngstown	W. Metcalf	15,182	87	2	4	4	0	0	0	8	5400-8100	F
<b>OKLAHOMA</b>												
<b>Oklahoma City</b>												
University of Oklahoma Medical Center	J. A. Cutter	...	...	3ABC	...	...	...	...	...	14+	...	...
University of Oklahoma Hospitals	J. A. Cutter	5,902	876	...	...	...	...	...	...	...	6000-13000	P
Veterans Admin.	C. A. Carmack	3,487	35	...	...	...	...	...	...	...	...	...
<b>OREGON</b>												
<b>Portland</b>												
University of Oregon Medical School Hospitals and Clinics	F. Haugen	8,017	565	2	4	4	0	0	0	8	4200-6000	FP
Veterans Admin.	E. L. Landers	2,734	24	...	...	...	...	...	...	...	4610-5460	P
<b>PENNSYLVANIA</b>												
<b>Johnstown</b>												
Conemaugh Valley Memorial	P. C. Lund	8,934	865	2	3	3	0	0	0	6	6000-6600	F
<b>Philadelphia</b>												
Albert Einstein Medical Center	B. Goldstein	15,468	76	2	6	5	0	0	0	11	6000-7200	P
Graduate Hospital of the University of Pennsylvania <sup>58</sup>	H. H. Stone	4,982	378	2	3	2	1	0	0	6	5400-6000	P
Hahnemann Medical College and Hospital	A. J. Catenacci	9,125	156	3ABC	3	3	2	0	0	8	5400-7800	P
Hospital of the University of Pennsylvania	R. Dripps	19,000	1,500	3ABC	15	15	15	5	0	50	6500-10000	P
Children's Hospital of Philadelphia	L. Bachman	3,481	610	...	...	...	...	...	...	...	...	...
Jefferson Medical College	J. Jacoby	9,397	465	2	6	6	0	0	0	12	5500-6000	O
Pennsylvania	M. V. Troncelliti	10,788	64	2	1	1	0	0	0	2	5300-5600	O
Philadelphia General	M. Van Deming	6,211	246	2	5	3	0	0	0	9+	7707-10973	O
Presbyterian-University of Pennsylvania Medical Center	S. Schotz	4,454	160	2	2	2	0	0	0	4	5450-5800	P
Temple University	L. W. Krumperman	8,685	65	3ABC	5	5	2	0	0	12	5000-6200	P
<b>Pittsburgh</b>												
Allegheny General	R. L. Patterson	10,604	295	3C	3	3	1	0	0	7	7500-8100	P
Health Center Hospitals of the University of Pittsburgh	P. Safar	33,464	2,000	3ABC	8	8	8	2	1	27	7500-12500	O
Presbyterian-University	P. Safar	...	...	...	...	...	...	...	...	...	...	...
Children's Hospital of Pittsburgh	J. Marcy	...	...	...	...	...	...	...	...	...	...	...
Eye and Ear Hospital of Pittsburgh	J. Quinn	...	...	...	...	...	...	...	...	...	...	...
Magee-Womens	R. A. Hingson	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	B. Kirimli	...	...	...	...	...	...	...	...	...	...	...
Mercy	E. S. Siker	10,728	175	2	4	4	0	0	0	8	6300-6600	P
St. Francis General	J. F. Zeedick	9,867	400	2	3	3	0	0	0	6	8400-8400	P
<b>Sayre</b>												
Robert Packer <sup>58</sup>	E. Kuzucu	5,473	23	2	1	1	1	0	0	3+	5000-7800	FP
<b>PUERTO RICO</b>												
<b>Ponce</b>												
Hospital De Damas <sup>58</sup>	E. Colon-Yordan	3,146	2,334	2	1	2	1	0	0	4	6000-6300	F
<b>San Juan</b>												
University of Puerto Rico Affiliated Hospitals <sup>58</sup>	N. De Jesus	12,891	...	2	10	10	4	0	0	24	...	...
Industrial	...	...	...	...	...	...	...	...	...	...	...	...
Municipal Hospital Dr. Rafael Lopez Nussa	...	...	...	...	...	...	...	...	...	...	...	...
University District	N. De Jesus	...	345	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

1. ANESTHESIOLOGY — Continued

	Chief of Service or Program Director	Total Anesthetics	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>RHODE ISLAND</b>												
<b>Providence</b>												
Rhode Island <sup>58</sup>	E. Saklad	14,259	150	2	3	3	3	0	0	9	7600-9100	P
<b>SOUTH CAROLINA</b>												
<b>Charleston</b>												
Medical Center Hospitals	J. Mahaffey	...	...	3ABC	4	4	2	0	0	10	...	...
Medical College	J. Mahaffey	3,757	2,489	...	...	...	...	...	...	...	6000-6000	P
Veterans Admin.	L. L. Brown	1,716	20	...	...	...	...	...	...	...	4830-6750	...
<b>TENNESSEE</b>												
<b>Chattanooga</b>												
Baroness Erlanger	R. F. Stappenbeck	11,705	0	2	3	3	0	0	0	6	7200-7500	F
<b>Knoxville</b>												
University of Tennessee Memorial Research Center and Hospital	W. F. Powell	3,798	68	2	...	...	...	...	...	3	6300-7500	F
<b>Memphis</b>												
City of Memphis Hospitals	W. C. North	7,897	460	3ABC	5	5	5	0	0	15	7200-8400	F
<b>Nashville</b>												
Vanderbilt University	C. B. Pittinger	5,488	30	3ABC	3	3	3	0	0	9	6600-7800	P
<b>TEXAS</b>												
<b>Dallas</b>												
Parkland Memorial	M. T. Jenkins	13,214	140	3ABC	...	...	...	...	...	21	5400-7200	P
<b>Fort Worth</b>												
Harris Hospital-Fort Worth Medical Center	A. N. Heinrichs	13,457	210	2	2	2	0	0	0	4	5400-6300	P
<b>Galveston</b>												
University of Texas Medical Branch Hospitals	C. R. Allen	7,581	142	3AB	6	6	3	0	0	15	7200-8400	P
<b>Houston</b>												
Baylor University Affiliated Hospitals	A. S. Keats	...	...	3ABC	5	5	5	0	0	15	5100-7200	P
Ben Taub General	...	5,999	40	...	...	...	...	...	...	...	...	...
Methodist	...	17,356	0	...	...	...	...	...	...	...	...	...
St. Luke's Episcopal	...	10,883	45	...	...	...	...	...	...	...	...	...
Texas Children's	...	2,649	30	...	...	...	...	...	...	...	...	...
Veterans Admin.	W. H. Mannheimer	6,067	12	...	...	...	...	...	...	...	...	...
Hermann	L. F. Schuhmacher, Jr.	17,190	4	2	2	2	0	0	0	4	6600-8100	P
St. Joseph	C. H. Williams	13,058	214	2	2	2	0	0	0	4	6300-6600	P
University of Texas M. D. Anderson Hospital and Tumor Institute <sup>59</sup>	W. S. Derrick	4,828	17	2	...	...	...	...	...	2†	5000-10000	O
<b>San Antonio</b>												
University of Texas Medical School at San Antonio Teaching Hospitals	R. J. Nichols	4,360	104	3BC	6	6	6	0	0	18	6900-8700	O
Robert B. Green Memorial	...	...	...	...	...	...	...	...	...	...	...	...
<b>UTAH</b>												
<b>Salt Lake City</b>												
University of Utah Affiliated Hospitals	C. Ballinger	...	...	3A	6	6	6	1	0	19	...	...
University	C. Ballinger	3,456	230	...	...	...	...	...	...	...	5700-14858	P
Holy Cross	G. Buchanan	7,999	100	...	...	...	...	...	...	...	6600-8400	...
Latter-Day Saints	...	...	...	...	...	...	...	...	...	...	...	...
Primary Children's	W. S. Jordan	5,000	89	...	...	...	...	...	...	...	6000-6300	O
St. Mark's	C. Jensen	7,889	70	...	...	...	...	...	...	...	5700-6600	O
Shriners Hospital for Crippled Children	C. Ballinger	214	18	...	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	N. A. Bergman	1,920	9	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>												
<b>Burlington</b>												
Medical Center Hospital of Vermont <sup>58</sup>	J. Abajian	9,466	1,500	2	4	4	2	0	0	10	6600-7800	P
<b>VIRGINIA</b>												
<b>Charlottesville</b>												
University of Virginia	D. W. Eastwood	6,411	772	3ABC	5	5	4	0	0	14	6500-12000	P
<b>Danville</b>												
Memorial <sup>58</sup>	K. O. Leonhardt	7,639	...	2	2	1	1	0	0	4†	7200-9000	FP
<b>Richmond</b>												
Medical College of Virginia-Hospital Division	W. E. Pembleton	11,170	200	2	5	5	0	0	0	10	6300-6600	P
Veterans Admin.	J. Temple	3,324	128	2	2	2	0	0	0	4	4830-13507	P
<b>WASHINGTON</b>												
<b>Seattle</b>												
Swedish Hospital Medical Center	L. Mousel	13,600	1,000	2	2	2	0	0	0	4	6000-6600	P
University of Washington Affiliated Hospitals	J. J. Bonica	...	...	3ABC	10	10	8	4	0	32	...	...
Children's Orthopedic Hospital and Medical Center	K. F. Eather	3,947	99	...	...	...	...	...	...	...	...	P
King County	J. Hansen	4,215	524	...	...	...	...	...	...	...	6000-9260	P
University	J. J. Bonica	3,529	698	...	...	...	...	...	...	...	6000-9260	P
Veterans Admin.	J. J. Bonica	1,316	25	...	...	...	...	...	...	...	5500-8460	P
Tacoma General (Tacoma)	P. H. Backup	6,922	64	...	...	...	...	...	...	...	6096-9600	P
Virginia Mason <sup>58</sup>	D. D. Moore	6,300	300	2	3	3	3	0	0	9	6500-9030	FP
<b>Tacoma</b>												
Tacoma General - See University of Washington Affiliated Hospitals, Seattle	...	...	...	...	...	...	...	...	...	...	...	...
<b>WEST VIRGINIA</b>												
<b>Morgantown</b>												
West Virginia University Medical Center <sup>58</sup>	N. W. B. Craythorne	2,827	500	2	4	4	4	0	0	12†	7650-9200	O
<b>Wheeling</b>												
Ohio Valley General	D. E. Greenelch	11,146	213	2	2	2	0	0	0	4	7200-7800	P
<b>WISCONSIN</b>												
<b>Madison</b>												
University of Wisconsin Affiliated Hospitals	K. Siebecker	...	...	3ABC	6	6	3	0	0	15	...	...
University Hospitals	...	5,905	524	...	...	...	...	...	...	...	4600-6400	P
Veterans Admin.	...	2,434	46	...	...	...	...	...	...	...	4830-6750	P

Numerical and other references are listed on pages 279 through 282.

1. ANESTHESIOLOGY — Continued

	Chief of Service or Program Director	Total Anesthetics	Consultation on Non-surgical Patients	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance O
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WISCONSIN—Continued</b>												
<b>Milwaukee</b>												
Marquette University Affiliated Hospitals	E. O. Henschel	...	...	3ABC	9	9	11	2	0	31	...	...
Milwaukee County General	...	6,496	426	...	...	...	...	...	...	...	5200-7000	P
Veterans Admin. Center (Wood)	...	2,358	652	...	...	...	...	...	...	...	7200-10600	P

2. AEROSPACE MEDICINE

The programs in Aerospace Medicine that have been approved by the Council on Medical Education and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine, are listed under Preventive Medicine, page 240.

3. CHILD PSYCHIATRY

The programs in Child Psychiatry that have been approved by the Council on Medical Education and the American Board of Psychiatry and Neurology and its Committee on Certification in Child Psychiatry, through the Residency Review Committee for Psychiatry and Neurology, are listed following the programs in Psychiatry, and begin on page 253.

4. COLON AND RECTAL SURGERY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Colon and Rectal Surgery, and the American College of Surgeons, through the Residency Review Committee for Colon and Rectal Surgery, as offering TWO years of acceptable training in the specialty. Programs, 13; Residencies, 26

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance O
				Number	Necropsy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>CALIFORNIA</b>															
<b>Los Angeles</b>															
Queen of Angels	G. Hugo	8	328	15	67	207	1	1	0	0	0	2	7800-8400	F	
<b>LOUISIANA</b>															
<b>New Orleans</b>															
Ochsner Foundation	P. H. Hanley	16	482	8	75	11,942	2	2	0	0	0	2	8000-8500	O	
<b>MASSACHUSETTS</b>															
<b>Boston</b>															
Lahey Clinic	N. W. Swinton	40	652	8	33	4,436	1	1	0	0	0	2	8100-9000	O	
<b>MICHIGAN</b>															
<b>Grand Rapids</b>															
Ferguson-Droste-Ferguson	J.P. Muldoon	85	3,316	68	62	12,880	2	2	0	0	0	2	5400-6000	F	
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
University of Minnesota Affiliated Hospitals	W. C. Bernstein	...	...	...	...	...	...	1	0	0	0	1	...	...	
University of Minnesota Hospitals	...	...	...	...	...	1,114	...	...	...	...	...	...	7500-8500	O	
Veterans Admin.	...	12	388	7	100	3,024	...	...	...	...	...	...	5000-8550	O	
<b>Rochester</b>															
Mayo Graduate School of Medicine	J. R. Hill	44	1,597	37	73	31,794	2	2	0	0	0	4	5400-6600	P	
Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>NEW YORK</b>															
<b>Buffalo</b>															
Buffalo General	J. E. Alford	11	438	7	28	380	0	0	0	2	0	2	6800-7500	O	
<b>OHIO</b>															
<b>Cleveland</b>															
Cleveland Clinic	F. Weakley	...	...	...	...	5,026	1	0	0	0	0	1	8000-...	P	
<b>PENNSYLVANIA</b>															
<b>Allentown</b>															
Allentown	G. L. Kratzer	21	810†	16	31	194	1	0	0	0	0	1	8000-8300	P	
<b>Philadelphia</b>															
Temple University	G. P. Rosemond	20	645	15	27	780	3	3	0	0	0	6	5000-6200	P	
<b>TEXAS</b>															
<b>Dallas</b>															
Baylor University Medical Center	A. Baldwin	15	620†	4	50	451	0	1	0	0	0	1	7200-7200	O	
Presbyterian Hospital of Dallas	R. Rowe	4	199	...	...	2,500	1	1	0	0	0	1	5340-7200	P	
<b>Houston</b>															
Hermann	J. W. Harris	16	669	10	30	852	0	0	0	0	1	1	...-7800	P	

5. DERMATOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Board of Dermatology, Inc., through the Residency Review Committee for Dermatology, as offering acceptable training in the specialty. Those hospitals showing TWO years of approval and marked with an asterisk (\*) offer an assured THIRD year of training at another hospital approved for such training. Programs, 78; Residencies, 564

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
			Number	Neeropsy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES ARMY</b>															
<b>CALIFORNIA</b>															
Letterman General, San Francisco	L.R. Mordecai	9	124	0	0	12,298	3	1	1	1	0	0	3	.....	..
<b>DISTRICT OF COLUMBIA</b>															
Walter Reed General, Washington	L.E.Harman	8	157	0	0	21,779	3	4	4	4	0	0	12	.....	..
<b>TEXAS</b>															
Brooke General, San Antonio	D. E. Vander Ploeg	4	85	0	0	24,675	3	3	3	3	0	0	9	.....	..
<b>UNITED STATES NAVY</b>															
<b>CALIFORNIA</b>															
U. S. Naval, San Diego	C. E. Kee	19	314	0	0	31,934	3	3	3	2	0	0	8	.....	..
<b>PENNSYLVANIA</b>															
U. S. Naval, Philadelphia <sup>293</sup>	R. G. Davis	12	199	0	0	8,846	2	3	0	2	0	0	5	.....	..
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>MARYLAND</b>															
National Institutes of Health - Clinical Center, Bethesda		...	...	...	...	...	1	...	...	...	...	...	...	.....	..
<b>NEW YORK</b>															
U. S. Public Health Service (Staten Island, New York City <sup>297</sup> )	J. P. Fields	35	388	1	100	8,220	2*	3	3	2	0	0	8	.....	..
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ALABAMA</b>															
<b>Birmingham</b>															
University of Alabama Medical Center	R.O. Noojin	...	...	...	...	...	3	3	3	3	0	0	9	.....	..
University of Alabama Hospitals and Clinics		55	806	0	0	27,673	...	...	...	...	...	...	...	6240-8435	P
Veterans Admin.		1	17	0	0	242	...	...	...	...	...	...	...	4830-8550	O
<b>Fairfield</b>															
Lloyd Noland <sup>98</sup>	P.G.Reque	1	26	0	0	6,310	1	2	0	0	0	0	2	6900-7500	FP
<b>ARKANSAS</b>															
<b>Little Rock</b>															
University of Arkansas Medical Center	C.A.Dillaha	...	...	...	...	...	3	2	2	2	0	0	6	4830-6750	...
University		1	59	1	100	3,525	...	...	...	...	...	...	...	.....	O
Veterans Admin. Consolidated		19	340	0	0	2,424	...	...	...	...	...	...	...	.....	P
<b>CALIFORNIA</b>															
<b>Long Beach</b>															
Veterans Admin.	J.W. Wilson	15	278	0	0	5,110	3	3	3	3	0	0	9	8032-10564	O
<b>Los Angeles</b>															
Los Angeles County-U.S.C. Medical Center	M. Bauer	17	616	1	100	16,977	3	2	2	2	0	0	6	7632-8892	P
U. C. L. A.	T. N. Sternberg	...	...	0	0	6,559	3	3	3	3	0	0	9	5400-8600	O
Veterans Admin.		43	1,261	...	...	5,549	3	3	3	3	0	0	9	8032-10564	P
<b>Palo Alto</b>															
Stanford Medical Center and Affiliated Hospitals	E.M. Farber	...	...	...	...	...	3	1	4	4	0	0	9	.....	..
Palo Alto-Stanford Hospital Center	E.M. Farber	8	179 <sup>†</sup>	2	100	8,487	...	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	W.H. Gould	15	156	1	100	1,609	...	...	...	...	...	...	...	.....	..
Pacific Medical Center-Presbyterian (San Francisco)	H. Schneidman	1	27	0	0	2,212	...	...	...	...	...	...	...	6600-8100	O
San Mateo County General (San Mateo)	E. L. Schmidt	1	14	...	...	1,672	...	...	...	...	...	...	...	5796-5796	F
<b>San Francisco</b>															
Pacific Medical Center-Presbyterian - See Stanford Med. Center and Affiliated Hosps., Palo Alto		...	...	...	...	...	3	2	3	5	2	0	12	.....	..
University of California Program	W. L. Epstein	...	...	...	...	...	3	2	3	5	2	0	12	.....	..
H. C. Moffitt-University of California Hospitals	W. L. Epstein	5	153	0	0	11,822	...	...	...	...	...	...	...	5200-6500	O
Veterans Admin.	D. L. Tuffanelli	20	240	0	0	1,490	...	...	...	...	...	...	...	4210-8230	O
<b>San Mateo</b>															
San Mateo County General - See Stanford Med. Center and Affiliated Hospitals, Palo Alto		...	...	...	...	...	...	...	...	...	...	...	...	.....	..
<b>COLORADO</b>															
<b>Denver</b>															
University of Colorado Affiliated Hospitals	R.W.Goltz	...	...	...	...	...	3	2	2	3	0	0	7	.....	..
University of Colorado Medical Center	R. W. Goltz	5	80	0	0	3,899	...	...	...	...	...	...	...	4555-5970	O
Denver General	J. A. Philpott, Jr.	2	25	0	0	1,798	...	...	...	...	...	...	...	4800-5738	P
Veterans Admin.	H. Ward	6	48	...	...	1,045	...	...	...	...	...	...	...	4610-8230	O
<b>CONNECTICUT</b>															
<b>New Haven</b>															
Yale-New Haven Medical Center		...	...	...	...	...	...	2	2	2	0	0	6	6600-8400	...
Yale-New Haven	A. B. Lerner	...	...	...	...	7,168	3	2	2	2	0	0	6	6600-8400	P

Numerical and other references are listed on pages 279 through 282.

5. DERMATOLOGY — Continued

District/State	City	Hospital/Program	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1968-1970						Salary per Year Min.-Max.	Maintenance
						Number	Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>DISTRICT OF COLUMBIA</b>																	
Washington		Freedmen's	J. A. Kenney	2	31	0	0	4,449	2	1	1	0	0	0	2	7300-10000	O
<b>FLORIDA</b>																	
Miami		Jackson Memorial	H. Blank	22	363	1	1	10,277	3	3	3	3	0	0	9	5693-6487	P
<b>GEORGIA</b>																	
Atlanta		Grady Memorial	S. Olansky	Inc. in Med.				3,694	3	1	1	1	0	0	3	5700-6900	P
Augusta		Medical College of Georgia Hospitals	J. G. Smith						3	2	2	2	0	0	6		
		Eugene Talmadge Memorial	J. G. Smith												4800-6000	P	
		University															
		Veterans Admin.	J. G. Smith	1	190	0	0	355							4830-8550	P	
<b>ILLINOIS</b>																	
Chicago		Cook County	S. Barsky	14	191	3	67	17,800	3	2	2	1	0	0	5	5400-6600	F
		Northwestern University Medical Center	S. M. Bluefarb					2,897	3	2	2	2	0	0	6		
		Veterans Admin. Research	S. M. Bluefarb	14	184	1	100								6400-8550	O	
		University of Chicago Hospitals and Clinics	A. L. Lorincz	7	120	5	100	4,881	3	3	3	3	0	0	9	6000-7000	O
		University of Illinois Research and Educational Hospitals	A. Rostenberg, Jr.	4	56	0	0	8,644	3	2	2	2	0	0	6	5400-6200	P
		Veterans Admin. (Hines)	A. Rostenberg, Jr.	7	137			1,862							6400-6700	O	
Hines		Veterans Admin. - See Univ. of Ill. Research and Educational Hosps., Chicago															
<b>INDIANA</b>																	
Indianapolis		Indiana University Medical Center <sup>179</sup>	V. C. Hackney						3	1	2	1	0	0	4		
		Indiana University Hospitals	V. C. Hackney					1,210							5100-6100	P	
		Marion County General	R. Jenkins	4	36	0	0	6,560							5764-6550	P	
<b>IOWA</b>																	
Iowa City		University of Iowa Hospitals	R. G. Carney	12	420	2	100	14,113	3	3	3	2	0	0	8	5000-6000	P
<b>LOUISIANA</b>																	
New Orleans		Charity Hospital of Louisiana	V. J. Derbes, S. E. O'Quinn	3	166	3	0	20,685	3						12	5400-6000	F
<b>MARYLAND</b>																	
Baltimore		Johns Hopkins <sup>192</sup>	G. W. Hambrick, Jr.	Inc. in Med.				4,999	3	3	2	2	0	0	7†	5000...	P
		University of Maryland	H. Robinson	1	25	0	0	8,186	3	1	2	1	0	0	4	5700-6600	P
<b>MASSACHUSETTS</b>																	
Boston		Lahay Clinic	J. Fromer	15		1	0		2	0	1	0	0	0	1	7300-7300	O
		Massachusetts General	T. Fitzpatrick	13	305‡	0	0	9,324	3	5	1	1	0	0	7	6600-10000	O
		Tufts University Affiliated Hospitals	W. Lever						3	4	3	2	0	0	9		
		Boston City	W. Lever	3	66			14,755								6600-9000	O
		New England Medical Center Hospitals	W. F. Lever	0	0	0	0	2,538								6600-10000	O
		University	H. Mescon	Inc. in Med.				4,579	3	3	3	3	0	0	9	6600-8100	O
<b>MICHIGAN</b>																	
Allen Park		Veterans Admin. - See Wayne State University Affiliated Hospitals, Detroit															
Ann Arbor		University of Michigan Affiliated Hospitals	E. R. Harrell						3	5	5	5	0	0	15		
		University	E. R. Harrell	16	366	4	75	7,762								5000-6000	O
		Veterans Admin.	R. C. Bishop	Inc. in Med.											4830-8550	O	
Detroit		Henry Ford	C. S. Livingood	20	511	2	0	44,222	3	5	5	5	0	0	15	6180-6780	P
		Wayne State University Affiliated Hospitals	H. Pinkus						3	4	4	4	1	1	14		
		Veterans Admin. (Allen Park)		23	268	7	43	1,864								4830-8550	O
		Detroit General			11			6,223								6500-7400	P
		Harper Hospital															
<b>MINNESOTA</b>																	
Minneapolis		University of Minnesota Affiliated Hospitals	F. W. Lynch						3	4	4	4	1	1	14		
		Hennepin County General	C. W. Laymon	2	73			3,028								5000-6000	P
		University of Minnesota Hospitals	F. W. Lynch	6	74	0	0	2,977								5500-6500	O
		Veterans Admin.	I. Fisher	12	275			1,256								5000-8550	O
		St. Paul-Ramsey (St. Paul)	H. Ravits	2	28	1	0	3,526								5000-6500	O
Rochester		Mayo Graduate School of Medicine	R. R. Kierland	32	900	4	100	28,925	3	7	7	7	0	0	21	5400-6800	P
		Rochester Methodist															
		St. Mary's															
St. Paul		St. Paul-Ramsey - See University of Minnesota Affiliated Hosps., Minneapolis															
<b>MISSOURI</b>																	
Columbia		University of Missouri Medical Center	N. D. Asel	4	106‡	0	0	7,086	3	3	2	2	0	0	7	5000-6000	P
St. Louis		Barnes Hospital Group	A. Eisen	Inc. in Med.				5,092	3	2	2	2	0	0	6	5400-6000	O

Numerical and other references are listed on pages 279 through 282.

5. DERMATOLOGY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance
				Number	Neeropy Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>NEW HAMPSHIRE</b>															
<b>Hanover</b>															
Mary Hitchcock Memorial	W. Clendenning	9	230	0	0	8,965	3	1	1	1	0	0	3	5600-7000	O
<b>NEW YORK</b>															
<b>Albany</b>															
Albany Medical Center Hospitals	D. Demis	Inc. in Med.	...	...	1,608	3	3	3	3	0	0	9	6600-8700	P	
<b>Buffalo</b>															
Edward J. Meyer Memorial	J. W. Jordan	2	27	2	0	4,391	3	1	1	1	0	0	3	5550-6290	P
Roswell Park Memorial Institute	H. Traenkle	12	33	1	100	4,101	1	0	0	1	0	0	1	5020-6214	O
<b>New York City</b>															
<b>Mount Sinai Hospital Training Program</b>															
Mount Sinai	S. M. Peck	9	42	0	0	8,000	...	...	...	...	...	...	...	6000-7000	P
City Hospital Center at Elmhurst	I. Kantor	1	28	0	0	5,743	...	...	...	...	...	...	...	6300-7800	F
New York	F. Daniels	Inc. in Med.	...	...	10,738	3	1	0	1	0	0	2	6000-7500	P	
<b>New York Medical College-Metropolitan Hospital</b>															
Center	E. H. Mandel	...	...	...	...	...	2	1	1	1	0	0	3	4980-5580	F
<b>Unit 1-Flower and Fifth Avenue Hospitals</b>															
Unit 2 - Metropolitan	Inc. in Med.	3	33	0	0	9,734	...	...	...	...	...	...	...	...	...
<b>New York University - Bellevue Medical Center</b>															
Bellevue Hospital Center	R. L. Baer	21	231	2	50	14,550	...	...	...	...	...	...	...	4980-5780	P
University	...	17	350	3	33	30,764	...	...	...	...	...	...	...	7440-8680	P
Veterans Admin. (Manhattan)	P. Michaelides	31	241	...	...	...	...	...	...	...	...	...	...	7090-7890	O
Presbyterian	C. Nelson	6	153	0	0	20,945	3	2	1	1	0	0	4	6000-7000	O
Roosevelt	R. M. Montgomery	...	6	0	0	2,513	1	0	1	0	0	0	1	6000-7500	P
St. Luke's Hospital Center	A. Young	1	4	0	0	6,960	2*	1	1	0	0	0	2	6000-7000	P
<b>State University - Kings County Medical Center</b>															
Kings County Hospital Center	L. Frank	15	257	2	100	12,651	...	...	...	...	...	...	...	4980-5780	P
State University	L. Frank	1	29†	...	...	750	...	...	...	...	...	...	...	6690-8110	O
Veterans Admin. (Brooklyn)	Y. Lynfield	40	413	3	100	300	...	...	...	...	...	...	...	7090-8310	O
Veterans Admin. (Bronx)	H. Shatin	31	382	1	100	2,236	2	2	2	0	0	0	4	7090-7690	O
<b>NORTH CAROLINA</b>															
<b>Chapel Hill</b>															
North Carolina Memorial	C. Wheeler	1	32	0	0	5,410	3	3	3	3	0	0	9	4500-8500	O
<b>Durham</b>															
Duke University Medical Center	J. L. Calloway	5	136	2	0	10,106	3	2	2	2	0	0	6	5500-7000	P
<b>OHIO</b>															
<b>Cincinnati</b>															
<b>University of Cincinnati Hospital Group</b>															
Cincinnati General	L. Goldman	12	220	...	...	23,000	3	3	4	3	0	0	10	5640-6240	P
<b>Cleveland</b>															
Cleveland Clinic	H. H. Roenigk, Jr.	12	466	3	33	16,122	3	2	2	2	0	0	6	5400-6200	P
Cleveland Metropolitan General	J. Pomeranz	3	105	1	100	7,422	3	2	2	2	0	0	6†	5800-8260	P
University Hospitals of Cleveland	J. R. Haserick	5	108†	0	0	4,612	3	2	2	2	0	0	6	6000-7500	P
St. Luke's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital of Cleveland	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	21	230	1	0	554	...	...	...	...	...	...	...	6850-7550	P
<b>Columbus</b>															
Ohio State University Hospitals	R. Carr	6	190	0	0	12,566	3	1	1	1	0	0	3	3624-4524	P
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
University of Oklahoma Medical Center	M. A. Everett	...	...	...	...	...	3	...	...	...	...	...	7†	...	...
University of Oklahoma Hospitals	...	2	89	...	...	3,710	...	...	...	...	...	...	...	5500-6750	P
Veterans Admin.	...	1	32	0	0	900	...	...	...	...	...	...	...	...	...
<b>OREGON</b>															
<b>Portland</b>															
<b>University of Oregon Medical School Hospitals and Clinics</b>															
Veterans Admin.	W. C. Lobitz, Jr.	6	128	1	0	6,471	3	4	4	4	0	0	12	4200-6000	FP
Veterans Admin.	W. C. Lobitz, Jr.	3	130	3	34	810	...	...	...	...	...	...	...	4610-6440	P
<b>PENNSYLVANIA</b>															
<b>Danville</b>															
Geisinger Medical Center	R. F. Dickey	1	21	0	0	18,671	3	2	2	2	0	0	6	5800-6300	P
<b>Philadelphia</b>															
<b>Hahnemann Medical College and Hospital</b>															
Jefferson Medical College	R. Fleischmajer	Inc. in Med.	...	...	...	...	3	1	1	1	0	0	3	4500-5700	P
Temple University	H. A. Luscombe	1	25	...	...	2,067	2	1	1	0	0	0	2	5500-6000	O
University of Pennsylvania Affiliated Hospitals	F. Urbach	19	386	1	100	29,622	3	5	5	5	1	0	16	5000-6200	P
Graduate Hospital of the University of Pennsylvania	W. Shelley	...	...	...	...	...	3	6	6	6	0	0	18	...	...
Hospital of the University of Pennsylvania	M. H. Samitz	1	44	0	0	1,836	...	...	...	...	...	...	...	5400-6000	P
Philadelphia General	H. Goldschmidt	12	297	3	67	7,819	...	...	...	...	...	...	...	5000-8500	O
Veterans Admin.	H. Hurley	16	220	1	...	5,990	...	...	...	...	...	...	...	6800-7250	O
Veterans Admin.	W. B. Shelley	6	250	0	0	...	...	...	...	...	...	...	...	6000-7100	O
<b>PUERTO RICO</b>															
<b>San Juan</b>															
University District	V. Torres	30	...	0	0	14,874	3	3	3	3	0	0	9	5700-6900	P
<b>TENNESSEE</b>															
<b>Memphis</b>															
<b>University of Tennessee Affiliated Hospitals</b>															
City of Memphis Hospitals	E. M. Rosenberg	4	80	0	...	4,500	...	...	...	...	...	...	...	5016-6138	F
Veterans Admin.	...	5	75	0	0	2,500	...	...	...	...	...	...	...	7160-9160	O

5. DERMATOLOGY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>TEXAS</b>															
<b>Galveston</b>															
University of Texas Medical Branch Hospitals	J. F. Mullins	8	150	1	100	10,400	3	2	2	2	0	0	6	6000-6000	P
<b>Houston</b>															
Baylor University Affiliated Hospitals	J. M. Knox	3	48	1	0	7,665	3	3	3	0	0	9	5100-6225	P	
Ben Taub General		21	300			1,855									
Veterans Admin.															
<b>VIRGINIA</b>															
<b>Charlottesville</b>															
University of Virginia	E. P. Cawley	4	136	0	0	7,457	3	2	2	2	0	0	6	4800-6000	O
<b>Richmond</b>															
Medical College of Virginia Affiliated Hospitals	K. W. Blaylock						3	3	3	3	1	1	11		
Medical College of Virginia-Hospital Division		3	104	1	100	4,292								4800-6000	P
Veterans Admin.		3	104	1	100	4,292								4800-6000	P
<b>WASHINGTON</b>															
<b>Seattle</b>															
University	G. F. Odland					1,820	3	1	1	1	0	0	3	6000-7000	P
<b>WEST VIRGINIA</b>															
<b>Morgantown</b>															
West Virginia University Medical Center	W. A. Welton					2,656	1	1	0	0	0	0	1	7000...	O
<b>WISCONSIN</b>															
<b>Madison</b>															
University of Wisconsin Affiliated Hospitals							3	3	2	2	0	0	7		
University Hospitals	S. A. Johnson	5	156			4,517								4600-6400	P
Veterans Admin.	S. A. Johnson	8	154			708								4830-6750	P
Marshfield Clinic (Marshfield)	W. F. Schorr	6	2354			9,176								6000-6000	F
<b>Marshfield</b>															
Marshfield Clinic - See University of Wisconsin Affiliated Hospitals, Madison															
<b>Milwaukee</b>															
Veterans Admin. Center (Wood)	D. W. Kersting	6	148	0	0	9,090	3	3	3	3	0	0	9	7200-10600	P

6. FORENSIC PATHOLOGY

Residency programs in Forensic Pathology that have been approved by the Council on Medical Education and the American Board of Pathology are listed following the programs in Pathology, and begin on page 220.

7. GENERAL PRACTICE

Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Academy of General Practice, through the Residency Review Committee for General Practice, as offering acceptable training in this field. Programs, 164; Residencies, 1,044

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>UNITED STATES AIR FORCE</b>															
<b>DISTRICT OF COLUMBIA</b>															
Malcolm Grow U.S.A.F., Andrews A.F.B., Washington	M.W. Steel, Jr.	243	8,251	123	82	...	2	2	2	0	0	0	4	...	...
<b>UNITED STATES ARMY</b>															
<b>NEW JERSEY</b>															
Walson Army, Fort Dix	L. Dixon	406	28,158	34	82	84,769	2	4	4	0	0	0	8	...	...
<b>UNITED STATES NAVY</b>															
<b>FLORIDA</b>															
U.S. Naval, Jacksonville	A.C. Hering	335	9,402	117	86	174,701	2	4	4	0	0	0	8	...	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>NEW MEXICO</b>															
U. S. Public Health Service Indian, Gallup	W. C. Larsen	173	4,209	...	...	...	2	4	4	0	0	0	8	8262-11406	O
<b>VIRGINIA</b>															
U. S. Public Health Service, Norfolk	C. R. Garfield	138	3,825	79	59	75,425	2	3	3	0	0	0	6	...	...

7. GENERAL PRACTICE — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
				Number	Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>																
<b>ALABAMA</b>																
<b>Birmingham</b>																
Carraway Methodist	C. Neville	282	11,163†	278	45	107,361	2	1	1	0	0	0	2	6600-7800	P	
<b>ARIZONA</b>																
<b>Phoenix</b>																
Good Samaritan	N. Smith	133	8,242	96	46	6,004	2	2	2	0	0	0	4	7800-8700	F	
<b>Tucson</b>																
Tucson Hospitals Medical Education Program	A.V. Dudley	193	8,047‡	271	42	3,484	2	2	2	0	0	0	4	7200-7800	P	
St. Mary's		82	2,814	192	50	50,127	...	...	...	...	...	...	...	...	...	...
Pima County General		406	20,391‡	546	57	5,391	...	...	...	...	...	...	...	...	...	...
Tucson Medical Center																
<b>CALIFORNIA</b>																
<b>Bakersfield</b>																
Kern County General	V.G. Lopez	230	6,313‡	384	70	...	2	2	2	0	0	0	4	7500-8100	P	
<b>Long Beach</b>																
Memorial Hospital of Long Beach	D.E. Timmons	456	23,065	656	43	1,716	2	1	1	0	0	0	2	6000-6600	P	
St. Mary's Long Beach	G. C. Caiescibetta	287	17,689	417	42	1,189	2	1	1	0	0	0	2	7800-9000	P	
<b>Los Angeles</b>																
Queen of Angels	M. Hollingsworth	224	12,660	363	40	12,268	3	2	2	2	0	0	6	6000-7200	F	
<b>Marinez</b>																
Contra Costa County Medical Services	G. Degnan	269	12,370	292	57	152,907	2	10	0	0	0	0	10	9852-9852	P	
<b>Modesto</b>																
Scenic General	W. A. Todd, Jr.	143	4,331	190	54	45,467	2	4	3	0	0	0	7	12000-12000	P	
<b>Riverside</b>																
Riverside General	D. John	270	8,078	317	53	63,864	2	2	2	0	0	0	4	6024-7488	F	
<b>Sacramento</b>																
Sacramento County	G. Snively	...	3,048	504	56	17,311	2	6	6	0	0	0	12	8520-9156	P	
<b>Sallinas</b>																
General Hospital of Monterey County	C. J. Leonard	211	4,895	168	68	39,548	2	5	5	0	0	0	10	7800-9000	FP	
<b>San Bernardino</b>																
San Bernardino County General	J. E. Cunningham	294	13,670	500	63	91,988	3	8	8	8	0	0	24	5700-7800	F	
<b>Santa Barbara</b>																
Santa Barbara General-Cottage Hospitals	D. M. Caldwell	...	...	...	...	...	2	3	3	0	0	0	6	5700-6000	F	
Santa Barbara Cottage		3	967	29	34	...	...	...	...	...	...	...	...	...	...	...
Santa Barbara General		25	897	47	77	4,951	...	...	...	...	...	...	...	...	...	...
<b>Santa Rosa</b>																
Community Hospital of Sonoma County	R. N. Hedges, Jr.	122	2,841	154	23	22,064	2	7	7	0	0	0	14	8400-9300	P	
<b>Ventura</b>																
General Hospital Ventura County	J. A. Daly	236	5,572	227	31	56,214	2	7	6	0	0	0	13	8400-10200	P	
<b>COLORADO</b>																
<b>Colorado Springs</b>																
St. Francis	D. Dawson	124	5,915	134	52	7,349	2	1	1	0	0	0	2	7200-7800	F	
<b>Denver</b>																
Denver General	B. E. Pollock	244	9,440	429	54	98,467	2	2	2	0	0	0	4	4800-5256	P	
Mercy <sup>49</sup>	J. H. Bechtold	314	14,700	291	54	20,975	2	...	...	...	...	...	4	7200-7800	P	
St. Anthony	F. O. Franco	363	20,713	307	...	...	2	8	8	0	0	0	16	...	...	
St. Joseph	M. E. Mc Dowell	476	22,276	386	60	13,118	2	1	1	0	0	0	2	5520-5820	P	
University of Colorado Medical Center	C. W. Eisele	...	...	...	...	...	2	4	4	0	0	0	8	4500-5000	O	
<b>CONNECTICUT</b>																
<b>Bridgeport</b>																
Bridgeport	F. F. Northman	441	21,736	704	44	20,089	2	2	2	2	0	0	4	5400-6900	FP	
<b>Danbury</b>																
Danbury	J. L. Belsky	226	5,823‡	211	82	2,480	2	3	3	0	0	0	6	6000-6600	F	
<b>DELAWARE</b>																
<b>Wilmington</b>																
Wilmington Medical Center		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wilmington General Division	E. Resnick	263	12,318	250	30	12,139	2	1	1	...	...	...	2	...	...	
<b>DISTRICT OF COLUMBIA</b>																
<b>Washington</b>																
Eastern Dispensary and Casualty	J. H. Choi	82	2,770	199	37	5,672	2	3	3	0	0	0	6	9000-9300	O	
<b>FLORIDA</b>																
<b>Daytona Beach</b>																
Halifax District	H. S. B. Treloar	377	15,180	608	30	3,766	2	1	2	0	0	0	3	7800-7800	P	
<b>Jacksonville</b>																
Duval Medical Center	A. M. Manson	227	9,873	459	42	204,025	2	1	1	0	0	0	2	7200-7800	P	
St. Vincent's	C. Burke	337	17,611	426	42	12,500	2	1	1	0	0	0	2	6000-6300	P	
<b>Miami</b>																
Jackson Memorial	L.P. Carmichael	1,176	37,134	1,715	37	203,504	2	2	1	0	0	0	3	5693-6096	P	
<b>St. Petersburg</b>																
Mound Park	G. E. Page	207	6,326	984	21	6,788	2	2	2	0	0	0	4	6300-6600	P	
<b>GEORGIA</b>																
<b>Columbus</b>																
Medical Center	Mc L. Patterson	450	17,500	564	43	26,727	2	4	4	0	0	0	4	7800-8400	F	
<b>Macon</b>																
Macon	C. T. Rumble	422	22,578	584	22	40,440	2	4	4	0	0	0	8	7200-7800	F	

Numerical and other references are listed on pages 279 through 282.

7. GENERAL PRACTICE — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
				Number	Necropsy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>ILLINOIS</b>															
<b>Berwyn</b>															
Mac Neal Memorial	J. M. Schless	363	14,811	627	37	7,905	2	4	4	0	0	0	8	6000-6600	FP
<b>Chicago</b>															
Grant	N. Koenig	151	5,674	97	46	9,504	2	4	4	0	0	0	8	6600-7200	P
Jackson Park	M.I. Shapiro	161	6,386	202	50	1,451	2	4	4	0	0	0	8	10800-10800	O
Louis A. Weiss Memorial	H. Bessinger	235	8,290	277	47	6,104	2	8	7	0	0	0	15	6900-7200	P
Norwegian-American	R. B. Robins	167	6,222	224	33	1,067	2	6	4	0	0	0	10	...-9000	O
Ravenswood	H. L. Browns	234	9,553	358	31	2,960	2	4	4	0	0	0	8	8100-8700	P
St. Elizabeth's	L.G. Khedroo	273	11,388	417	37	30,536	2	2	2	0	0	0	4	7000-7200	F
Swedish Covenant	J.H. Erickson	198	6,781	318	34	11,257	2	3	3	1	0	0	7	6180-6540	F
<b>Evanston</b>															
St. Francis	A. J. Durso	366	14,136	243	51	22,885	2	2	2	0	0	0	4	6000-...	P
<b>Oak Park</b>															
West Suburban	R.C. Muehrcke	343	15,483	455	51	2,282	2	6	6	0	0	0	12	6600-7200	O
<b>Peoria</b>															
Methodist Hospital of Central Illinois	J. Ort	312	12,083	432	38	3,373	2	4	4	0	0	0	8	5400-5700	F
St. Francis	P. E. Lawless	...	...	...	...	...	2	1	1	0	0	0	2	5400-5700	F
<b>INDIANA</b>															
<b>Indianapolis</b>															
Indiana University Medical Center	G.T. Lukemeyer	...	...	...	...	...	2	2	2	0	0	0	4	5100-6100	P
Methodist Hospital of Indiana	L. Kammen	565	23,565	820	41	13,910	2	2	2	0	0	0	4	5880-6180	P
<b>South Bend</b>															
Memorial Hospital of South Bend	D. T. Olson	338	13,489	534	36	3,124	2	2	2	0	0	0	4	6600-7200	F
St. Joseph's	R. L. Devetski	299	11,883	428	27	2,361	2	5	0	0	0	0	5	8400-8400	P
<b>IOWA</b>															
<b>Des Moines</b>															
Broadlawn Polk County	E.R. Posner, Jr.	121	6,320	167	38	56,760	2	4	4	0	0	0	8	5700-6000	F
<b>KANSAS</b>															
<b>Wichita</b>															
St. Francis	C. C. Schopf	451	20,861	718	35	2,506	2	3	3	0	0	0	6	6614-6905	FP
Wesley Medical Center	G. Stephens	502	24,896	480	35	4,525	2	4	4	0	0	0	8	6600-6900	F
<b>LOUISIANA</b>															
<b>Lafayette</b>															
Lafayette Charity	N. Gilbert	...	8,691	272	40	324	1	0	20	0	0	0	20	...-6600	F
<b>Monroe</b>															
E. A. Conway Memorial	H. T. Rogers, Jr.	88	3,315	220	20	47,768	2	6	6	0	0	0	12	7200-7800	P
<b>New Orleans</b>															
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisiana State University	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Division <sup>186</sup>	N. S. Gilbert	...	...	...	...	...	2	16	16	0	0	0	32	6000-...	...
<b>Pineville</b>															
Huey P. Long Charity	R. D. Sparks	113	5,431	156	35	72,419	2	6	6	0	0	0	12	6000-6600	P
<b>MAINE</b>															
<b>Portland</b>															
Maine Medical Center	R. H. Pawle	368	16,273	32	31	31,326	2	1	1	0	0	0	2	5850-7210	FP
<b>MARYLAND</b>															
<b>Bethesda</b>															
Suburban	W. S. Murphy	220	13,276	289	51	3,158	2	2	2	0	0	0	4	7600-8000	O
<b>MASSACHUSETTS</b>															
<b>Lowell</b>															
Lowell General	H. Black, V. Letseu	198	8,799	305	36	14,325	2	2	2	0	0	0	4	...-7000	F
<b>MICHIGAN</b>															
<b>Dearborn</b>															
Oakwood	E.W. Durham	416	19,482	492	50	1,076	2	3	3	0	0	0	6	6000-6300	F
<b>Detroit</b>															
Evangelical Deaconess	W.P. Curtiss	154	7,150	265	32	3,078	2	4	4	0	0	0	8	6540-7200	P
<b>Flint</b>															
Hurley	P. Thoms	634	24,075	697	47	8,114	2	2	2	0	0	0	4	6300-6600	P
Mc Laren General	J.W. Mac Kenzie	296	14,337	238	40	2,261	2	3	3	0	0	0	6	7500-7800	F
St. Joseph	F. D. Johnson	347	14,902	385	40	1,062	2	8	7	0	0	0	15	9000-9900	P
<b>River Rouge</b>															
Sidney A. Sumby Memorial	...	58	2,389	29	41	0	2	4	4	0	0	0	4	7500-7500	FP
<b>Saginaw</b>															
Saginaw Affiliated Hospitals	W. C. Averill	...	...	...	...	...	2	6	6	0	0	0	12	9000-10200	P
Saginaw General	A.C. Stander	147	4,727	124	41	3,412	...	...	...	...	...	...	...	...	...
St. Luke's	W. C. Averill	202	9,084	221	51	17,675	...	...	...	...	...	...	...	...	...
St. Mary's	J.L. Barry	122	6,942	136	40	2,050	...	...	...	...	...	...	...	...	...
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
Fairview	H. D. Miller	330	10,739	272	42	14,447	2	1	2	1	0	0	4	6000-6600	F
<b>St. Paul</b>															
St. Luke's	C. W. Hauser	245	9,713	258	32	34,320	2	4	4	0	0	0	8	4200-4800	F
<b>MISSOURI</b>															
<b>Columbia</b>															
University of Missouri Medical Center	A. S. Baker	...	...	...	...	...	2	3	3	0	0	0	6	5000-5500	P
<b>Kansas City</b>															
Menorah Medical Center	H. Cohen	...	...	...	...	...	2	1	1	0	0	0	2	6970-7620	P
Research Hospital and Medical Center	P. R. Young	3,771	105	227	41	17,900	2	4	4	0	0	0	8	...	...
Trinity Lutheran	J. H. Hill	186	6,912	259	37	14,049	2	2	2	0	0	0	4	6000-7200	P
<b>St. Louis</b>															
Lutheran	G. A. Koehler	365	14,813	500	43	56,426	3	3	3	3	0	0	9	5800-7680	F

Numerical and other references are listed on pages 279 through 282.

7. GENERAL PRACTICE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance	
			Number	Neurology Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years			
<b>NEW JERSEY</b>															
<b>Flemington</b>															
Hunterdon Medical Center	R. R. Henderson	100	5,369	199	46	60,884	2	2	2	0	0	0	4	3600-3900	F
<b>Hoboken</b>															
St. Mary	D.D. Dougherty	325	9,000	...	...	33,372	2	2	2	0	0	0	4	6000-7200	FP
<b>Montclair</b>															
Mountainside <sup>229</sup>	N. H. Ram	273	10,286†	...	...	12,154	2	2	2	0	0	0	4	5100-5400	F
<b>Morristown</b>															
Morristown Memorial	A. J. Zangara	322	14,136	400	59	14,956	2	2	2	0	0	0	4	6000-6250	F
<b>Perth Amboy</b>															
Perth Amboy General	L. Homer	479	17,705	752	27	10,800	2	1	1	0	0	0	2	4920-5640	F
<b>Phillipsburg</b>															
Warren	E.B. Lorentz	185	8,713	371	29	4,153	2	3	3	0	0	0	6	6000-7200	FP
<b>Princeton</b>															
Princeton	E.O. Hirsch	158	7,528	191	70	2,574	3	3	3	2	0	0	8	5260-6300	P
<b>Somers Point</b>															
Shore Memorial	G.H. Keates	171	7,777	286	28	16,678	2	4	4	0	0	0	8	7200-9000	FP
<b>Somerville</b>															
Somerset	L.D. Troum	249	11,900	359	41	...	2	2	2	0	0	0	4	5100-5400	F
<b>Summit</b>															
Overlook	W.B. Nestler	377	16,758	459	158	3,054	2	2	2	0	0	0	4	5700-6300	PO
<b>NEW MEXICO</b>															
<b>Los Alamos</b>															
Los Alamos Medical Center	H. Wadstrom	34	1,981	24	80	2,700	2	1	1	0	0	0	2	7200-7200	O
<b>NEW YORK</b>															
<b>Buffalo</b>															
Millard Fillmore	M. Cheplove	211	7,906†	352	44	10,690	2	1	1	0	0	0	2	5300-5700	P
<b>Glen Cove</b>															
Community Hospital at Glen Cove	F. X. Moore	58	1,764	156	36	8,364	2	1	1	0	0	0	2	6050-8250	P
<b>Rochester</b>															
Highland Hsp. of Rochester-Strong Mem. Hsp.-U. of Rochester	E. S. Farley, Jr.	...	...	...	...	...	2	4	4	0	0	0	8	...	...
Highland Hospital of Rochester	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strong Memorial Hospital of the University of Rochester	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's	R. J. Napodano	90	2,302†	269	34	2,680	2	1	1	0	0	0	2	5750-6250	P
<b>Syracuse</b>															
St. Joseph's Hospital-S.U.N.Y. Upstate Medical Center	F. S. Caliva	...	...	...	...	...	2	4	4	0	0	0	8	6700-7400	F
St. Joseph's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
S.U.N.Y. Upstate Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Yonkers</b>															
Yonkers General	M. J. Eisen	155	5,683	258	35	3,615	2	1	2	0	0	0	3	6000-7200	FP
<b>NORTH CAROLINA</b>															
<b>Charlotte</b>															
Charlotte Memorial	M. Mc Call	594	23,925	687	51	56,447	2	3	3	0	0	0	6	6000-6300	P
<b>Winston-Salem</b>															
Forsyth Memorial	W. A. Lambeth, Jr.	308	13,430	467	34	5,518	2	6	6	0	0	0	12	4800-6000	P
<b>OHIO</b>															
<b>Akron</b>															
Akron City <sup>274</sup>	J. A. Pollack	413	14,722	...	...	7,089	2	2	2	0	0	0	4	8420-8900	P
Akron General	D. W. Mc Coy	409	12,955	590	50	13,021	2	3	3	0	0	0	6	8400-8800	P
St. Thomas	C. A. East	346	14,537	455	50	6,348	2	2	2	2	0	0	6	8688-10128	FP
<b>Barberton</b>															
Barberton Citizens	M. E. Griffin	132	7,271	269	36	3,910	2	3	3	0	0	0	6	6000-6600	F
<b>Cincinnati</b>															
Christ	C. Warner	130	3,050†	389	35	1,657	2	2	2	2	0	0	6	6000-6600	F
Good Samaritan	D. Fischer	Inc. in Med.	...	...	...	...	2	2	2	0	0	0	4	6000-7200	P
<b>Cleveland</b>															
Fairview General	F. V. Geiss	303	17,046†	358	53	37,391	2	2	2	0	0	0	4	5400-6000	F
Polyclinic	R. V. Bachman	118	4,268	107	29	4,384	3	...	...	...	...	...	8†	5400-7200	FP
St. John's	R. J. Mc Caffery	295	10,523	283	35	4,911	3	6	6	6	0	0	18	6000-6900	F
<b>Cleveland Heights</b>															
Doctors	I. Lahorra	180	6,044	186	3	...	2	8	8	0	0	0	16	6900-7200	F
<b>Columbus</b>															
Mount Carmel	J. L. Henry	381	15,316	467	50	16,148	2	3	0	0	0	0	3	7800-8100	F
Riverside Methodist	F. W. Dierker	26	1,247	85	31	...	2	1	1	0	0	0	2	7800-8100	P
<b>Dayton</b>															
Good Samaritan	R. M. Kahn	219	8,284	431	51	2,595	2	2	2	0	0	0	4	6300-6600	F
Miami Valley	J. Worthman	615	21,915†	259	34	10,352	2	4	4	0	0	0	8	7800-8100	P
<b>Elyria</b>															
Elyria Memorial	A. L. Berman	138	8,062	203	38	2,512	2	3	3	0	0	0	6	6000-6300	F
<b>Euclid</b>															
Euclid General	E. S. Pano	281	11,660	355	41	1,692	3	4	4	4	0	0	12	7800-9000	P
<b>Lorain</b>															
St. Joseph	C. Butrey	239	11,613	363	39	2,609	2	4	4	0	0	0	8	6600-7200	F
<b>Ravenna</b>															
Robinson Memorial Portage County	R. E. Glasgow	185	11,223	256	39	2,015	3	6	6	3	0	0	15	5400-6600	F
<b>Toledo</b>															
Mercy	J. R. Jones	355	16,189	400	45	4,561	2	6	6	0	0	0	12	8280-9096	O
St. Charles	F. C. Clifford	178	7,592	175	31	37,330	2	2	2	0	0	0	4	6600-6900	F
Toledo	B. L. Huffman	249	10,138	329	52	8,371	2	1	1	0	0	0	2	6300-6600	F
<b>Warren</b>															
St. Joseph's Riverside	A. M. Ginzler	135	7,281	194	33	0	2	4	3	0	0	0	7	7200-7200	F
Trumbull Memorial	R. W. Juvancic	317	14,820	168	26	3,950	2	4	4	0	0	0	8	7800-7800	P
<b>Youngstown</b>															
St. Elizabeth	J. Hyland	521	22,331	641	32	11,246	2	1	1	0	0	0	2	5400-8100	FP

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 7. GENERAL PRACTICE — Continued

State	City	Institution	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance
						Number	Neeropy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>OKLAHOMA</b>																	
<b>Oklahoma City</b>																	
		University of Oklahoma Medical Center	I. H. Brown	...	...	...	...	2	4	4	0	0	0	8	7200-9000	P	
		University of Oklahoma Hospitals Veterans Admin.	R. I. Lienke	253	8,407	313	56	55,645	...	...	...	...	...	...	...	...	
<b>OREGON</b>																	
<b>Portland</b>																	
		St. Vincent	D. B. Miller	297	14,533†	432	43	10,390	2	2	2	0	0	6	6600-8400	P	
<b>PENNSYLVANIA</b>																	
<b>Abington</b>																	
		Abington Memorial	T.W.Plume	20	4,030	344	41	5,640	2	1	1	0	0	2	...	...	
<b>Altoona</b>																	
		Altoona	P. Hoovler	366	12,970	531	29	16,990	2	3	3	0	0	6	6420-6840	F	
<b>Bristol</b>																	
		Lower Bucks	S. Edden	3	1,150	89	34	4,880	2	3	3	0	0	6	9000-9000	O	
<b>Chester</b>																	
		Crozer-Chester Medical Center	J. H. Loucks	334	13,972	377	33	28,560	2	4	4	0	0	8	6000-7200	P	
<b>Drexel Hill</b>																	
		Delaware County Memorial	E.D.Arsht	265	8,848	414	33	23,700	2	2	2	0	0	4	7200-8400	FP	
<b>Lancaster</b>																	
		Lancaster General	R. H. Mann	167	5,696	449	34	6,079	2	2	2	0	0	4	5750-...	FP	
<b>Norristown</b>																	
		Montgomery	R. E. Carlson	218	10,836	329	34	28,951	2	4	4	0	0	8	6000-6600	F	
<b>Philadelphia</b>																	
		St. Agnes	J. P. Cossa	189	7,103	337	22	13,132	2	4	0	0	0	4	8100-8100	P	
<b>Pottsville</b>																	
		A. C. Milliken	N. M. Wall	210	8,071	303	29	30,011	2	3	3	0	0	6	7200-8400	FP	
		Pottsville Hospital and Warne Clinic	E. W. Cubler	303	9,304	352	32	22,203	2	2	2	0	0	4	7200-8400	F	
<b>Reading</b>																	
		Community General	R. Westcott	195	7,029	288	30	11,748	2	3	3	0	0	6	6900-7500	F	
		St. Joseph's	J. J. Williams	255	9,524	388	33	12,080	2	3	3	0	0	6	6000-6000	F	
<b>Sharon</b>																	
		Sharon General	T. Yarboro	259	11,276	379	26	4,171	2	4	0	0	0	4	7200-7200	F	
<b>York</b>																	
		York	R. L. Evans	480	19,670	441	52	49,682	2	2	2	0	0	4	7200-8400	P	
<b>RHODE ISLAND</b>																	
<b>Pawtucket</b>																	
		Memorial	H. H. Magendantz	210	10,088	587	30	8,804	2	2	2	0	0	4	6600-7200	F	
<b>SOUTH CAROLINA</b>																	
<b>Greenville</b>																	
		Greenville General	K. B. Young	148	5,297	394	27	7,119	2	3	1	0	0	4	5700-6000	P	
<b>TENNESSEE</b>																	
<b>Knoxville</b>																	
		University of Tennessee Memorial Research Center and Hospital	R. F. Lash	233	11,450	416	38	19,266	2	...	...	...	...	2	5100-5280	F	
<b>TEXAS</b>																	
<b>El Paso</b>																	
		R. E. Thomason General	M. I. Marks	170	5,300	300	44	32,224	2	4	4	0	0	8	9000-10000	P	
<b>Fort Worth</b>																	
		John Peter Smith	W. W. Goldman, Jr.	160	8,384	376	36	66,375	2	6	6	0	0	12	6300-7200	FP	
<b>Houston</b>																	
		Memorial Baptist	M. F. Strashun	717	42,491	741	26	129,174	2	3	3	0	0	6	10800-12000	FP	
<b>San Antonio</b>																	
		Baptist Memorial	R. B. Wait	447	22,934	661	37	6,209	2	2	2	0	0	4	5400-6000	FP	
<b>UTAH</b>																	
<b>Ogden</b>																	
		Thomas D. Dec Memorial	L. Rogers	291	17,549	301	46	48,030	2	3	0	0	0	3	5100-6000	FP	
<b>Salt Lake City</b>																	
		Latter-Day Saints	J. O. Brewerton	419	20,978	598	40	9,568	2	1	1	0	0	2	5700-6300	P	
<b>VIRGINIA</b>																	
<b>Newport News</b>																	
		Riverside	H. L. Kraus	123	5,080	233	39	3,816	2	2	2	0	0	4	7200-8400	FP	
<b>Norfolk</b>																	
		De Paul	R. Reed	253	11,930	271	45	19,856	2	1	1	0	0	2	6000-6300	F	
		Norfolk Community	...	...	...	...	...	...	2	1	1	0	0	2	6000-7200	FP	
		Norfolk General <sup>19</sup>	W. Taliaferro	455	20,206	732	30	3,321	2	3	3	0	0	6	6900-7200	P	
<b>Portsmouth</b>																	
		Maryview	R. Maret	182	7,529	200	41	...	2	6	4	0	0	10	8400-9600	P	
		Portsmouth General	E. M. Hanbury, Jr.	212	8,666	348	33	17,834	2	5	5	0	0	10	8760-9960	P	
<b>Roanoke</b>																	
		Roanoke Memorial Hospitals	C. L. Crockett, Jr.	528	20,929	411	30	17,154	2	2	2	0	0	4	6000-...	P	
<b>Suffolk</b>																	
		Louise Obici Memorial	L. A. Fulton	145	7,614	298	31	1,464	2	3	3	1	0	7	6000-8424	F	
<b>WASHINGTON</b>																	
<b>Seattle</b>																	
		Group Health	J. J. Quinn	...	...	...	...	...	2	2	2	0	0	4	4800-...	...	
		Providence	T. J. Lyons	224	12,621†	391	51	...	2	2	2	0	0	4	7100-8600	P	
<b>Spokane</b>																	
		Sacred Heart	C. F. Baxter	380	21,629	612	38	25,439	2	2	2	0	0	4	5400-6900	F	
<b>WEST VIRGINIA</b>																	
<b>Charleston</b>																	
		Charleston General	W. Pushkin	...	...	...	...	...	2	2	2	0	0	2	4500-5400	FP	
<b>South Charleston</b>																	
		Herbert J. Thomas Memorial	...	...	...	...	...	...	2	2	2	0	0	4	...	...	
<b>Wheeling</b>																	
		Wheeling	G. Kellas	180	6,943	223	75	2,970	2	2	2	0	0	4	6000-6000	F	

Numerical and other references are listed on pages 279 through 282.

7. GENERAL PRACTICE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance
			Number	Necropsy Per cent			1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WISCONSIN</b>														
<b>Milwaukee</b>														
Evangelical Deaconess .....	F. Stergiades .....	196	3,264†	204	40	14,794	3	2	2	0	0	6	6000-7200	F
St. Francis .....	J. F. Zimmer .....	198	8,473	292	28	7,788	2	4	4	0	0	8	5400-5700	FP
St. Luke's .....	F. S. Schuler .....	325	9,200	304	30	...	2	2	2	0	0	2	6600-7500	FP
St. Michael .....	N. Bauch .....	274	12,255	236	44	50,103	2	6	6	0	0	12	5100-5400	F

8. INTERNAL MEDICINE

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Internal Medicine, and the American College of Physicians through the Residency Review Committee for Internal Medicine, as offering THREE years of training in the specialty under any of the several programs leading to eligibility for examination by the American Board of Internal Medicine. Programs, 415; Residencies, 7,427

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance
			Number	Necropsy Per cent			1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>														
<b>ARIZONA</b>														
U. S. Air Force, Tucson - See Veterans Admin., Tucson														
<b>CALIFORNIA</b>														
David Grant U.S.A.F., Fairfield .....	J.H.Thorpe .....	88	2,099	31	87	9,862	2	2	2	0	0	6	.....	...
<b>MISSISSIPPI</b>														
U. S. Air Force, Biloxi .....	R. O. Amdall .....	90	1,922	28	93	31,374	2	2	2	0	0	6	.....	...
<b>TEXAS</b>														
Wilford Hall U.S.A.F., San Antonio .....	R. F. Fitch .....	273	4,254	123	91	125,462	7	7	7	0	0	21	.....	...
<b>UNITED STATES ARMY</b>														
<b>CALIFORNIA</b>														
Letterman General, San Francisco .....	H.F. Hurd .....	142	2,680	113	61	183,682	5	5	5	0	0	15	.....	...
<b>COLORADO</b>														
Fitzsimons General, Denver .....	E. L. Overholt .....	281	6,307	60	93	58,207	5	5	5	3	0	18	.....	...
<b>DISTRICT OF COLUMBIA</b>														
Walter Reed General, Washington .....	L.F.Parmley .....	362	3,854	171	77	128,178	8	8	8	0	0	24	.....	...
<b>HAWAII</b>														
Tripler General, Honolulu .....	J. A. Orbison .....	221	4,705	105	67	55,343	5	5	5	0	0	15	.....	...
<b>TEXAS</b>														
William Beaumont General, El Paso .....	A. Hawkins .....	157	5,137	96	90	45,596	5	5	5	0	0	15	.....	...
Brooke General, San Antonio .....	R. H. Moser .....	143	2,744	178	78	46,101	10	8	8	0	0	26	.....	...
<b>WASHINGTON</b>														
Madigan General, Tacoma .....	W. H. Hall .....	212	7,169	73	90	55,250	5	5	5	0	0	15	.....	...
<b>UNITED STATES NAVY</b>														
<b>CALIFORNIA</b>														
U. S. Naval, Oakland <sup>26</sup> .....	H.A.Sparks .....	131	2,391	54	85	42,809	4	3	2	0	0	9	.....	...
U. S. Naval, San Diego .....	A. J. Draper .....	588	5,847	289	65	51,908	4	5	4	0	0	13	.....	...
<b>ILLINOIS</b>														
U.S. Naval, Great Lakes .....	W. J. Jacoby .....	185	2,875	49	82	26,336	2	2	1	0	0	5	.....	...
<b>MARYLAND</b>														
U. S. Naval, Bethesda .....	L. M. Fox .....	173	3,391	98	77	85,357	4	5	3	0	0	12	.....	...
<b>MASSACHUSETTS</b>														
U. S. Naval, Chelsea <sup>207</sup> .....	H. A. Schlang .....	105	1,376	54	76	25,222	2	2	3	0	0	7	.....	...
<b>NEW YORK</b>														
U. S. Naval, St. Albans .....	W. S. Myers .....	305	3,862	75	56	20,685	2	2	3	1	0	8	.....	...
<b>PENNSYLVANIA</b>														
U. S. Naval, Philadelphia .....	J. W. Cox .....	166	2,895	184	55	26,646	4	4	4	0	0	12	.....	...
<b>VIRGINIA</b>														
U. S. Naval, Portsmouth .....	J. J. Dempsey .....	194	3,624	77	73	67,783	4	5	3	0	0	12	.....	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>														
<b>CALIFORNIA</b>														
U. S. Public Health Service, San Francisco .....	K. H. Hyatt .....	143	2,490	76	61	6,502	6*	5*	2	0	0	13	.....	...
<b>LOUISIANA</b>														
U. S. Public Health Service, New Orleans <sup>189</sup> .....	S. J. Herbert .....	124	2,213	80	73	13,679	5	3	3	0	0	11	.....	...

Numerical and other references are listed on pages 279 through 282.

## 8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES PUBLIC HEALTH SERVICE—Continued</b>														
<b>MARYLAND</b>														
U. S. Public Health Service, Baltimore <sup>197</sup>	J. H. Hammann	141	2,257	125	76	7,583	3	3	3	0	0	9	.....	...
<b>MASSACHUSETTS</b>														
U. S. Public Health Service, Boston	R. Thurm	52	1,651	35	57	10,013	1	1	1	0	0	3	.....	...
<b>NEW YORK</b>														
U. S. Public Health Service (Staten Island), New York City	N. J. Galluzzi	182	3,098	100	59	20,387	6	6	3	0	0	15	.....	...
<b>WASHINGTON</b>														
U. S. Public Health Service, Seattle	M. R. Davis	72	1,909	71	83	6,316	...	...	...	...	...	...	.....	...
<b>OTHER FEDERAL</b>														
<b>CANAL ZONE</b>														
Gorgas, Balboa Heights	A. A. Howard	93	2,351	105	73	18,851	2	2	2	0	0	6	8705-10364	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA</b>														
<b>Birmingham</b>														
Carraway Methodist	R. Tieszen	115	4,083 <sup>‡</sup>	218	44	16,107	2	2	2	0	0	6	6600-8400	P
University of Alabama Medical Center	W. B. Frommeyer	...	...	...	...	...	12	12	6	0	2	32	.....	...
University of Alabama Hospitals and Clinics	W.B. Frommeyer	90	2,809	258	55	13,507	...	...	...	...	...	...	6240-8435	P
Veterans Admin.	B.R. Boshell	195	2,666	224	79	23,071	...	...	...	...	...	...	4830-8550	O
<b>Mobile</b>														
Mobile General	W.J. Atkinson	48	1,753	191	86	10,530	2	2	2	0	0	6	6840-8040	P
<b>ARIZONA</b>														
<b>Phoenix</b>														
Maricopa County General	J. Marcarelli	200	3,743	440	43	16,197	5	5	5	5	0	20	8484-10700	P
St. Joseph's	R. Bullington	96	3,397	217	62	4,752	2	2	2	0	0	6	6000-7200	F
<b>Tucson</b>														
Tucson Hospitals Medical Education Program <sup>100</sup>	D.J. Crosby	...	...	...	...	...	6	4	4	0	0	14	7200-8400	P
Pima County General	D.J. Crosby	29	957 <sup>‡</sup>	126	38	26,736	...	...	...	...	...	...	.....	...
St. Mary's	D. Ben-Asher	107	4,157 <sup>‡</sup>	212	35	1,080	...	...	...	...	...	...	.....	...
Tucson Medical Center	S. Schneider	125	5,056 <sup>‡</sup>	340	54	2,700	...	...	...	...	...	...	.....	...
Veterans Admin.	W. F. Denny	201	2,077	143	64	31,250	6	6	3	...	...	15	4830-5730	P
U. S. Air Force	.....	50	1,268	42	75	5,362	...	...	...	...	...	...	.....	...
<b>ARKANSAS</b>														
<b>Little Rock</b>														
University of Arkansas Medical Center	R.S. Abernathy	...	...	...	...	...	6	6	6	0	0	18	.....	...
University	R.S. Abernathy	50	1,459	124	49	8,313	...	...	...	...	...	...	4900-6500	O
Veterans Admin. Consolidated	J.H. Bates	206	2,436	238	62	22,449	...	...	...	...	...	...	4830-6750	P
<b>CALIFORNIA</b>														
<b>Bakersfield</b>														
Kern County General	F.B. Armstrong	106	2,397 <sup>‡</sup>	253	67	36,700	4	2	2	0	0	8	7500-8700	P
<b>Fresno</b>														
Fresno General	R. Larson	225	2,125	328	58	15,371	4	4	4	0	0	12	8136-9564	P
<b>Loma Linda</b>														
Loma Linda University	V.J. Johns	74	2,180 <sup>‡</sup>	96	71	37,000	6	4	4	0	0	14	6198-7260	FP
<b>Long Beach</b>														
Memorial Hospital of Long Beach	R.E. Evans	214	7,737	487	40	894	4	4	2	0	0	10	6000-7200	P
St. Mary's Long Beach	W. P. Martin	80	3,702 <sup>‡</sup>	296	33	6,438	1	1	1	0	0	3	.....	P
Veterans Admin. <sup>68</sup>	D. W. Leik	613	5,762	504	49	49,142	14	...	...	...	...	40	8032-10564	O
<b>Los Angeles</b>														
Cedars-Sinai Medical Center	C. Kleeman	...	...	...	...	...	6	6	6	2	0	20	6000-8100	P
Cedars of Lebanon Hospital Division	.....	275	12,002	...	...	42,643	...	...	...	...	...	...	.....	...
Mount Sinai Hospital Division	.....	201	8,225	...	...	...	...	...	...	...	...	...	.....	...
Hospital of the Good Samaritan	.....	...	...	...	...	...	...	...	...	...	...	...	.....	...
Medical Center	E. J. Ellis	111	4,211	339	63	13,203	3	2	1	0	0	6	6000-7200	FP
Kaiser Foundation	M. Yettra	102	3,952	314	39	157,214	3	3	2	0	0	8	6300-7500	P
Los Angeles County-U.S.C. Medical Center	T. Brem	702	28,657	2,116	42	124,256	28	28	24	8	0	91	7632-9528	P
U. C. L. A.	W. N. Valentine	79	2,696	169	75	17,968	10	8	2	0	0	20	5400-8600	O
Veterans Admin. (Sepulveda)	R.W. Brawley	151	2,327	147	66	10,266	4	4	4	0	0	12	8032-9292	O
Veterans Admin.	.....	711	14,702	709	74	32,462	17	23	24	3	3	70	8032-10564	P
Center-Wadsworth <sup>114</sup>	L. Fred	62	2,057	160	53	18,172	2	2	2	0	0	7 <sup>†</sup>	6660-7860	P
White Memorial Medical Center	W.E. Macpherson	...	...	...	...	...	...	...	...	...	...	...	.....	...
<b>Martinez</b>														
Veterans Admin. <sup>120</sup>	E.R. Movitt	186	2,739	198	69	3,689	5	2	1	1	0	9	6672-8520	O
<b>Oakland</b>														
Highland General	W.B. Chew	97	3,310	210	70	49,187	4	4	4	0	0	12	7200-8400	P
Kaiser Foundation	L. Hollander	65	2,197	200	63	158,163	4	3	2	0	0	9	7500-8700	FP
<b>Orange</b>														
Orange County Medical Center	J.E. Berk	149	3,268	327	94	18,035	6	6	6	4	0	22	7296-9312	P
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals	H.R. Holman	...	...	...	...	...	12	6	8	3	0	29	.....	...
Palo Alto-Stanford Hospital Center	H.R. Holman	69	2,400 <sup>‡</sup>	118	86	14,686	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	F.L. Eldridge	69	1,113	125	85	2,078	...	...	...	...	...	...	.....	...
San Mateo County General (San Mateo)	E. Rubenstein	49	1,412	154	60	18,367	...	...	...	...	...	...	5196-8700	F
<b>Pasadena</b>														
Huntington Memorial	W. J. Mitchell	124	4,690	408	47	20,047	5	5	5	0	0	15	6900-8100	FP

8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance		
			Number	Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year					
<b>CALIFORNIA—Continued</b>															
<b>Riverside</b>															
Riverside General	D. John	157	2,665	225	59	26,823	2	2	2	0	0	6	6024-7488	F	
<b>Sacramento</b>															
Sacramento County	R. Bolt	123	2,897	504	56	21,317	3	3	3	0	0	9	8520-9852	P	
<b>San Diego</b>															
Mercy	D. Landale	100	4,362	289	48	9,400	1	1	1	0	0	3	4980-6780	F	
University Hospital of San Diego County	E. Braunwald	77	2,160	363	55	5,625	8	6	4	2	0	20	5200-7200	P	
<b>San Francisco</b>															
Children's Hospital and Adult Medical Center	C. Noble	63	2,134	126	53	9,184	3	3	2	0	0	8	7800-9000	P	
Kaiser Foundation	B. J. Sams	81	2,724	212	58	184,720	6	3	3	0	0	12	7200-8400	P	
Mount Zion Hospital and Medical Center	H. Fishon	193	5,281	384	53	13,202	7	4	1	0	0	12	7500-9300	P	
Pacific Medical Center - Presbyterian	J. Kelly	50	2,148	104	79	6,915	2	2	2	0	0	6	6600-8100	P	
French	D. L. Wilbur	62	2,168	149	46	8,551	...	...	...	...	...	...	7800-9000	O	
St. Luke's	D. Burnham	70	2,782	227	46	6,180	3	2	1	0	0	6	7800-9000	O	
St. Mary's	A. Cosentino	105	2,796	215	38	597	3	3	3	0	0	9	7200-8400	O	
University of California Program	L. H. Smith, Jr.	...	...	...	...	...	24	24	4	0	0	52	...	...	
H. C. Moffitt-University of California Hospitals	L. H. Smith, Jr.	103	2,854	158	75	30,831	...	...	...	...	...	...	5200-8652	O	
San Francisco General	L. H. Smith, Jr.	296	7,118	488	53	30,050	...	...	...	...	...	...	4692-8652	P	
Veterans Admin.	L. L. Brandborg	157	2,383	190	72	2,551	...	...	...	...	...	...	4210-8230	O	
<b>San Jose</b>															
Santa Clara Valley Medical Center	R. A. O'Reilly	127	3,272	235	77	23,768	5	3	2	1	0	11	7238-8361	F	
<b>San Mateo</b>															
San Mateo County General - See Stanford Med. Center and Affiliated Hospitals, Palo Alto															
<b>Stockton</b>															
San Joaquin General	L. Armanino	59	2,230	216	65	16,936	3	2	1	0	0	6	6288-10464	F	
<b>Torrance</b>															
Los Angeles County Harbor General	D. Solomon	131	6,295	521	57	18,751	12	10	7	0	0	29	7632-8892	P	
<b>COLORADO</b>															
<b>Denver</b>															
Presbyterian Medical Center	E. P. Sheridan	114	3,910	243	66	3,964	4	3	3	0	0	10	6000-6900	P	
St. Joseph	M. E. Mc Dowell	172	6,632	259	59	2,350	2	2	2	0	0	6	5520-6420	P	
University of Colorado Affiliated Hospitals	G. Meiklejohn	78	1,885	267	57	17,444	...	...	...	...	...	...	4800-5738	P	
Denver General	A. B. Organick	78	1,885	267	57	17,444	...	...	...	...	...	...	4800-5738	P	
University of Colorado Medical Center	G. Meiklejohn	70	2,710	132	84	38,311	...	...	...	...	...	...	5000-12000	O	
Veterans Admin.	H. Ward	118	2,770	141	83	16,804	...	...	...	...	...	...	4610-8230	O	
<b>CONNECTICUT</b>															
<b>Bridgeport</b>															
Bridgeport	M. Kaufman	159	6,553	497	43	11,085	3	3	2	1	0	9+	5400-7500	FP	
St. Vincent's	M. Garrell	120	4,279+	423	48	2,715	3	3	2	0	0	8	5700-6300	P	
<b>Greenwich</b>															
Greenwich	F. J. Christie	112	3,456	146	64	6,880	2	2	1	0	0	5	5300-5900	F	
<b>Hartford</b>															
Hartford	R. Reinfrank	220	5,638	724	57	10,843	12	8	8	0	0	28	7000-8500	P	
Veterans Admin. (Newington)	P. Lipton	109	1,526	147	64	1,261	...	...	...	...	...	...	4610-6440	P	
St. Francis	J. Moher	154	4,451	436	47	7,860	4	2	2	0	0	8	4500-5100	F	
University of Connecticut Health Center-Mc Cook	E. C. Walker	34	956	68	54	6,453	4	4	4	0	0	12	8000-10000	F	
Veterans Admin. (Newington)	P. Lipton	109	1,526	147	64	1,261	...	...	...	...	...	...	4610-6440	P	
<b>New Britain</b>															
New Britain General	H. Levine	150	4,943	345	52	4,756	3	2	1	0	0	6	6300-6900	P	
<b>New Haven</b>															
Hospital of St. Raphael	D. S. Dock	125	3,670	484	35	8,260	9	5	9	0	0	23	5400-8220	P	
Laurel Heights (Shelton)	F. C. Warring, Jr.	112	234	26	43	1,535	...	...	...	...	...	...	8370-10380	P	
Yale-New Haven Medical Center	P. K. Bondy	171	5,205	504	60	25,478	13	13	2	0	0	28	6600-9100	P	
Yale-New Haven	P. K. Bondy	171	5,205	504	60	25,478	...	...	...	...	...	...	...	...	
Veterans Admin. (West Haven)	T.T. Amatruda	113	2,109	185	76	7,124	...	...	...	...	...	...	...	...	
<b>Newington</b>															
Veterans Admin. - See Hartford Hsp., & U. Conn. Hlth. Ctr.-Mc Cook, Hartford															
<b>Norwalk</b>															
Norwalk Hospital <sup>141</sup>	G. Hebard	60	3,644	346	38	6,240	2	2	2	0	0	6	5400-7200	F	
<b>Shelton</b>															
Laurel Heights - See Hospital of St. Raphael, New Haven															
<b>Stamford</b>															
Stamford	M. Magida	134	3,931+	265	51	7,326	2	2	1	0	0	5	5800-6700	P	
<b>Waterbury</b>															
Waterbury <sup>141</sup>	A. J. Cappelletti	137	4,237	360	48	5,969	2	1	1	0	0	4	6000-7200	FP	
<b>West Haven</b>															
Veterans Admin. - See Yale-New Haven Medical Center, New Haven															
<b>DELAWARE</b>															
<b>Wilmington</b>															
Wilmington Medical Center	R. B. Flinn	273	7,782	902	45	18,900	4	4	2	0	0	10	6000-7200	P	
<b>DISTRICT OF COLUMBIA</b>															
<b>Washington</b>															
District of Columbia General		...	...	...	...	24,877	...	...	...	...	...	...	...	...	
Georgetown University Service	C. M. Martin	72	1,410	319	70	...	8	6	0	1	0	15	6500-8500	P	
George Washington University Service	M. Romansky	68	1,384	262	65	...	10	3	0	2	0	15	6500-8500	P	
Howard University Service	W. L. Henry	44	801	187	63	...	5	3	3	0	0	11	...	...	
Doctors	C.W. Jones	119	3,185	233	55	171	3	2	2	0	0	7	8100-9000	F	
Freedmen's	W. L. Henry	88	1,471	256	33	17,725	...	...	...	...	...	...	22	7300-10000	O
Georgetown University	L. H. Kyle	116	2,540	124	90	23,514	12	8	0	0	1	21	7000-9500	P	
George Washington University	J. M. Evans	150	3,750	32	54	23,404	8	5	5	1	0	19+	7016-10002	P	
Providence	J. F. Finnegan	116	3,280	303	42	3,170	4	4	2	0	0	10	7800-9600	FP	
Veterans Admin.	S. Katz	206	3,144	303	75	61,029	...	...	...	...	...	...	40	7000-10000	P
Washington Hospital Center	J. A. Curtin	197	5,667	463	62	12,971	8	8	4	0	0	20	8200-8400	P	

Numerical and other references are listed on pages 279 through 282.

8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>FLORIDA</b>														
<b>Gainesville</b>														
William A. Shands Teaching Hosp. and Clinics	L. E. Cluff	65	2,400	110	75	8,500	12	9	3	0	0	24	4800-6690	O
<b>Jacksonville</b>														
Jacksonville Hospitals Educational Program	J. J. Lowenthal	...	...	...	...	...	6	4	2	0	0	12	...	...
Baptist Memorial	N. Jones	91	3,848	245	47	113	...	...	...	...	...	...	5700-6900	P
Duval Medical Center	J. J. Lowenthal	46	1,443	300	36	57,483	...	...	...	...	...	...	7200-8400	P
St. Luke's	G. Ira, Jr.	89	2,900	170	33	...	...	...	...	...	...	...	6300-6800	...
St. Vincent's	J. H. St. John	86	3,441	249	41	2,340	...	...	...	...	...	...	6000-6300	P
<b>Miami</b>														
University of Miami Affiliated Hospitals	W. J. Harrington	...	...	...	...	...	24	24	16	8	0	72	...	...
Jackson Memorial	W. J. Harrington	229	6,872	1,057	38	60,640	...	...	...	...	...	...	5693-6890	P
Veterans Admin.	G. L. Baum	192	3,566	408	60	21,957	...	...	...	...	...	...	4610-8230	O
<b>Miami Beach</b>														
Mount Sinai Hospital of Greater Miami	D. Kushner	247	6,847	680	37	3,588	7	7	2	0	0	16	6800-7800	P
<b>Orlando</b>														
Orange Memorial	M. Levy	140	6,051	366	37	4,639	3	3	1	0	0	7	6300-6900	P
<b>Pensacola</b>														
Pensacola Educational Program	B. Beidleman	...	...	...	...	...	2	2	2	0	0	6	7320-8820	P
Baptist	...	94	4,466	168	40	10,302	...	...	...	...	...	...	...	...
Escambia General	...	25	2,545	75	60	15,000	...	...	...	...	...	...	...	...
Sacred Heart	...	51	3,354	191	54	0	...	...	...	...	...	...	...	...
<b>Tampa</b>														
Tampa General	L. Kahana	202	6,911	474	60	7,211	3	3	3	0	0	9	5400-6600	FP
<b>GEORGIA</b>														
<b>Atlanta</b>														
Crawford W. Long Memorial	H. S. Ramos	98	4,653	313	31	6,531	4	3	2	0	0	9	5880-6600	O
Emory University Affiliated Hospitals	J. W. Hurst	...	...	...	...	...	18*	12	8	0	0	38	...	...
Emory University	J. W. Hurst	111	3,616‡	227	64	...	...	...	...	...	...	...	5700-6300	P
Veterans Admin.	J. C. Crutcher	163	2,957	246	127	5,302	...	...	...	...	...	...	4830-8550	P
Georgia Baptist	L. Peacock	86	3,358	243	42	1,987	2	2	1	0	0	5	6000-6500	P
Grady Memorial	J. W. Hurst	120	3,675	499	78	160,487	12	12	1	0	0	25	5700-6900	P
Piedmont	C. F. Stone	73	2,691	218	40	687	1	1	1	0	0	3	6600-7800	P
St. Joseph's Infirmary	L. H. Felder	65	2,071‡	77	43	1,194	1	1	1	0	0	3†	6180-6540	P
<b>Augusta</b>														
Medical College of Georgia Hospitals	A. J. Bollet	...	...	...	...	...	16	8	6	1	0	32	...	...
Eugene Talmadge Memorial	A. J. Bollet	75	1,520	99	64	6,278	...	...	...	...	...	...	4800-6600	P
University	J. D. Gray	86	3,118	320	23	8,971	...	...	...	...	...	...	...	...
Veterans Admin.	L. G. Horan	256	1,528	168	50	980	...	...	...	...	...	...	4830-8550	P
<b>Savannah</b>														
Memorial Medical Center <sup>167</sup>	C. H. Carter	63	2,357‡	238	31	18,430	2	2	2	0	0	6	5100-6000	F
<b>HAWAII</b>														
<b>Honolulu</b>														
Queen's	F. Gilbert	89	3,864	264	54	26,312	4	3	1	0	0	8	7800-9000	O
St. Francis	H. H. Chun	77	2,626	197	45	19,039	2	2	1	0	0	5	7800-9000	O
<b>ILLINOIS</b>														
<b>Chicago</b>														
Chicago Medical School Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Medical Center of Chicago	P. Freedman	119	3,105	222	42	12,434	10	5	3	1	0	19	6000-7500	P
Cook County	S.S. Waldstein	496	16,954	2,497	44	50,560	18	18	18	0	0	69†	5400-7800	F
Illinois Masonic	L.L. Braun	199	4,987	430	45	10,480	4	4	4	0	0	12	7200-8400	FP
Louis A. Weiss Memorial	H. Bessinger	123	3,454	229	47	2,198	4	4	4	0	0	12	6900-7500	P
Mercy Hospital and Medical Center	G. F. O'Brien	108	2,429	146	49	22,409	4	3	2	0	0	9	5700-6300	P
Michael Reese Hospital and Medical Center	E. Reiss	341	7,453	659	53	30,470	15	10	8	0	0	33	5800-8400	P
Northwestern University Medical Center <sup>6</sup>	D. P. Earle	...	...	...	...	25,120	24	19	18	3	1	65	...	...
Chicago Wesley Memorial	G. Hollifield	198	4,712	318	58	...	...	...	...	...	...	...	6000-8000	P
Passavant Memorial	O. Paul	119	3,003	182	65	2,328	...	...	...	...	...	...	6000-7500	P
Veterans Admin. Research	C.W. Borden	192	3,057	333	72	36,318	...	...	...	...	...	...	6400-8550	O
Evanston (Evanston)	L. F. Jourdonais	170	5,321	343	70	4,522	...	...	...	...	...	...	6000-7000	P
Presbyterian-St. Luke's	J.S. Graettinger	276	7,170	543	60	40,746	12	12	6	0	0	30	6000-7000	P
St. Joseph	I. Steck	242	6,641	330	42	6,391	6	4	4	0	0	14	6300-7440	F
University of Chicago Hospitals and Clinics	H. H. Hecht	156	4,087	237	73	35,335	12	10	2	0	0	24	6000-7000	O
University of Illinois Affiliated Hospitals	H. F. Dowling	...	...	...	...	...	16	12	12	3	3	46	...	...
University of Illinois Research and Educational Hospitals	N. J. Cotsonas	79	1,451	117	71	32,189	...	...	...	...	...	...	5400-6600	P
Veterans Admin. (West Side)	P. Heller	203	2,554	303	72	9,003	...	...	...	...	...	...	6400-8550	O
<b>Evanston</b>														
Evanston - See Northwestern University Medical Center, Chicago	B.T. Heffernan	141	4,325	423	48	6,274	4	3	1	0	0	8	6780-7140	FP
<b>Hines</b>														
Veterans Admin. <sup>167</sup>	A. Littman	470	5,810	543	56	10,444	12	10	10	6	6	44	6400-8230	O
<b>Peoria</b>														
St. Francis	H.A. Warren	235	5,572	373	46	29,188	3	3	3	0	0	9	5400-6000	F
<b>INDIANA</b>														
<b>Indianapolis</b>														
Indiana University Medical Center	J.B. Hickam	...	...	...	...	...	16*	12	12	0	0	40	...	...
Indiana University Hospitals	J.B. Hickam	62	1,887	146	63	5,480	...	...	...	...	...	...	5100-6100	P
Marion County General	C. Test	125	2,249	492	48	48,759	...	...	...	...	...	...	5764-8000	P
Veterans Admin.	J. B. Hickam	330	3,959	331	78	4,212	...	...	...	...	...	...	4830-8550	O
Methodist Hospital of Indiana	W. D. Gambill	212	5,904	593	49	5,579	3	3	3	0	0	9	5880-6480	P

Numerical and other references are listed on pages 279 through 282.

8. INTERNAL MEDICINE — Continued

State	City	Institution	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance		
						Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year					
IOWA	Iowa City	State University of Iowa Affiliated Hospitals**	W.B.Bean	...	...	...	...	...	14	14	8	0	0	36	...	..		
		University of Iowa Hospitals	W. B. Bean	154	5,648	219	70	32,175	...	...	...	...	...	...	5000-6000	P		
		Veterans Admin.	R.D.Eckhardt	188	2,663	191	79	3,673	...	...	...	...	...	...	5400-8230	P		
KANSAS	Kansas City	University of Kansas Medical Center	M. Delp	123	4,072	170	75	32,434	14	9	8	0	0	31	4200-6750	P		
		Veterans Admin. (Kansas City, Mo.)	W. G. Calkins	197	2,962	358	54	2,513	...	...	...	...	...	...	4830-6750	O		
Wichita	Wichita	Veterans Admin. Center	D. Givner	104	1,325	126	64	1,392	4	4	4	0	0	12	6032-7430	F		
		St. Francis	T. J. Luellen	251	9,280	487	38	429	2	2	2	0	0	6	6614-7217	FP		
		Wesley Medical Center	E. W. Crow	156	7,249	241	41	2,143	...	...	...	...	...	...	6600-7200	F		
KENTUCKY	Lexington	University of Kentucky Medical Center	H. Isbell	79	2,231	154	47	11,990	8	6	5	5	0	24	...	..		
		University	H. Isbell	...	...	...	...	...	...	...	...	...	...	...	4560-6360	P		
		Veterans Admin.	W. H. Nickell	40	1,037	86	64	2,555	...	...	...	...	...	...	4610-8230	O		
Louisville	Louisville	St. Joseph Infirmary	R. D. Wolfe, H. Post	151	5,477	388	36	4,556	2	2	2	0	0	6	6180-7380	P		
		University of Louisville Affiliated Hospitals	B. T. Towery	98	...	...	...	...	8	8	6	4	0	26	...	..		
		Jewish	B. Towery	...	4,060†	225	37	...	...	...	...	...	...	...	...	..		
		Louisville General	B. T. Towery	77	2,465	436	46	18,322	...	...	...	...	...	...	5000-5300	P		
LOUISIANA	New Orleans	Veterans Admin.	J. J. Martin, Jr.	156	2,495	244	59	11,100	3	3	0	0	0	6	4610-6440	O		
		Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	..		
		Louisiana State University Division	J. Seabury	98	2,265	486	51	47,252	9*	...	...	...	...	...	26	5400-6000	F	
		Tulane University Division	G. E. Burch	97	2,435	509	45	57,542	12	...	...	...	...	...	26	5400-6000	F	
		Ochsner Foundation	W. D. Davis, Jr.	111	4,019	187	72	57,172	4	4	4	4	0	16†	6500-7500	F		
Shreveport	Shreveport	Touro Infirmary	S. Jacobs	126	5,079	324	130	...	2	2	2	1	0	7	6191-7039	P		
		Veterans Admin. <sup>189</sup>	H. A. Buechner	281	3,792	372	58	27,760	8	8	8	2	1	27	5800-8230	O		
		Confederate Memorial Medical Center	H. D. Tucker	87	5,441	361	44	14,321	3	3	3	0	0	9	5400-6000	F		
MAINE	Portland	Maine Medical Center	A. Aranson	124	5,224	292	40	9,590	3	3	3	0	0	9†	5850-7210	FP		
MARYLAND	Baltimore	Baltimore City Hospitals	J. Krevans	121	1,363	559	48	25,833	8	7	1	0	0	16	5000-7200	O		
		Church Home and Hospital <sup>194</sup>	S. Goldberg	114	4,149	199	36	4,626	4	2	0	2	0	8	6600-7200	P		
		Greater Baltimore Medical Center	T.E. Prout	84	1,828	113	60	4,124	3	3	2	0	1	9	7000-8500	P		
		Johns Hopkins <sup>192</sup>	A. Harvey, P. Tumulty	231	6,604†	579	61	108,690	23	9	0	0	0	32	5000-...	P		
		Maryland General	E.F. Cotter	139	2,805	307	32	1,891	2	2	2	0	0	6	6100-6300	P		
		Mercy	V.M. Smith	89	2,114	201	54	8,830	5	4	2	0	0	11	6300-6600	F		
		St. Agnes	E. A. Bianco	120	2,907	306	36	2,732	3	3	3	0	0	9	8000-9000	P		
		St. Joseph	L. M. Serra	107	3,073	218	54	6,367	5	3	2	1	0	11	6240-6720	P		
		Sinal Hospital of Baltimore	A. I. Mendeloff	133	2,972	375	41	19,094	10	6	2	0	0	18†	5500-6500	P		
		South Baltimore General	R. T. Parker	61	1,715	158	44	4,546	1	1	1	0	0	3	6300-7200	F		
		Union Memorial	J.E. Howard	145	3,387†	466	38	12,858	5	3	1	0	0	9	7000-8500	P		
		University of Maryland	T. Woodward	116	2,792	303	64	20,027	10	7	4	2	0	23	5700-6600	P		
		Cheverly	Cheverly	Prince George's General	N. D. Comeau	130	4,072	293	49	5,410	2	2	2	0	0	6	8400-9200	O
		MASSACHUSETTS	Boston	Beth Israel <sup>208</sup>	H. H. Hiatt	128	3,514	277	48	16,774	10	5	1	0	0	16	6000-10000	...
				Boston City	...	...	...	...	...	...	...	...	...	...	...	...	...	..
				1st and 3d Medical Service (Tufts)	F. Biguria	84	3,239	356	47	24,346	10	7	1	0	0	18	6600-9000	O
				2d and 4th Medical Service (Harvard)	M. Finland	100	3,452	340	51	23,896	17*	8*	1*	0	0	26†	6600-9000	O
5th and 6th Medical Service (Boston)	...			...	...	...	...	...	...	...	...	...	...	...	...	..		
University)	A. Relman			89	3,254	303	44	23,519	11	8	1	0	0	20	6600-9000	O		
Carney	F. L. Colpoys			123	4,397	306	47	8,190	5	3	2	0	0	10	6600-9000	P		
Lahey Clinic	E. Clerkin			244	7,498	170	43	87,575	9	6	12	0	0	27	6600-9000	O		
Lemuel Shattuck	T.C. Chalmers			153	1,216	262	53	6,797	9	9	2	0	0	20	6000-9000	P		
Faulkner	J. R. Graham			67	1,310	131	41	2,100	...	...	...	...	...	...	...	6000-9000	O	
Massachusetts General	A. Leaf			235	6,868†	769	60	...	16	8	1	0	0	25	6600-10000	O		
Middlesex County Sanatorium (Waltham)	K. T. Bird			163	498	24	54	26,932	...	...	...	...	...	...	10988-...	F		
New England Deaconess	J. L. Tullis			212	6,829	387	57	22,134	8	6	1	0	0	15	6600-8100	O		
New England Medical Center	...			...	...	...	...	...	...	...	...	...	...	...	...	..		
Hospitals	S. Proger			109	3,878	127	69	12,093	9	4	1	0	0	14	6600-8100	O		
Peter Bent Brigham	G.W. Thorn			132	3,719	265	72	28,447	15	0	6	1	0	22	6600-10000	P		
Veterans Admin. (West Roxbury)	T. A. Warthin			78	1,198	112	78	3,340	...	...	...	...	...	...	...	6600-10000	O	
St. Elizabeth's Hospital of Boston	F. Stohman	96	2,942	242	50	5,854	7	7*	2	0	0	16	6600-8100	P				
University	R. W. Wilkins	52	1,681	121	58	13,108	6	3	2	0	0	11	6600-8100	O				
Veterans Admin. (Jamaica Plain)	H. J. Zimmerman	255	5,770	78	50	31,196	18	11	11	0	0	40	6600-10000	O				
Chelsea	Chelsea	Lawrence F. Quigley Memorial Hospital-Malden	...	...	...	...	...	...	3	2	2	0	0	7	...	...		
		Lawrence F. Quigley Memorial	A. I. De Friez	63	1,133	51	57	22,964	...	...	...	...	...	...	6000-9000	P		
		Malden (Malden)	E. Thorp	80	2,348	199	47	760	...	...	...	...	...	...	6600-8100	P		
Malden	Malden	Malden - See Lawrence F. Quigley Memorial Hospital-Malden, Chelsea	...	...	...	...	...	...	...	...	...	...	...	...	...	...		

Numerical and other references are listed on pages 279 through 282.

## 8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1968-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P O	
			Number	Neerpsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MASSACHUSETTS — Continued</b>														
<b>Newton Lower Falls</b>														
Newton-Wellesley Hospital-Tufts Affiliated Residency <sup>207</sup>	L. B. Page	83	3,380	221	41	3,520	4	3	2	0	0	9	6600-8100	P
<b>Pittsfield</b>														
Berkshire Medical Center	E. M. Fribush	136	4,290	251	51	6,106	3	3	2	0	0	8	5180-7100	F
Pittsfield General														
St. Luke's														
<b>Springfield</b>														
Springfield	W. S. Frankl	138	3,785†	318	35	4,871	4	3	2	0	0	9	6600-8100	P
<b>Waltham</b>														
Middlesex County Sanatorium - See Massachusetts General, Boston														
<b>Worcester</b>														
Memorial	R.W. Robinson	140	5,123	252	60	4,666	3	3	2	0	0	8	5400-6300	F
St. Vincent	J. T. Brosnan	194	4,581	325	50	1,336	4	3	2	0	0	9†	6600-8100	P
<b>MICHIGAN</b>														
<b>Allen Park</b>														
Veterans Admin. - See Wayne State University Affiliated Hospitals, Detroit														
<b>Ann Arbor</b>														
St. Joseph Mercy	R.E. Reichert, Jr.	186	5,829†	360	49	59,608	5	5	5	0	0	15	7500-8100	O
University of Michigan Medical Center	W.D. Robinson						22	20	16	0	0	58		
University	W. D. Robinson	193	4,702	277	78	89,213							5000-6000	O
Veterans Admin.	R. C. Bishop	148	1,995	160	84	8,051							4830-8550	O
<b>Detroit</b>														
Detroit-Macomb Hospitals	J. Cahalan						5	2	1	0	0	8	6300-7200	P
Detroit Memorial		37	968	57	42	4,719								
South Macomb (Warren)		21	757	33	47									
Grace	D. W. Myers	282	7,902	710	45	13,016	6	5	3	0	0	20	6300-6900	P
Harper	G. T. Mc Kean	215	4,557	376	39	14,955	6	5	3	0	0	14	7500-8100	P
Henry Ford	R. W. Smith	421	11,839	911	53	252,265	16	18	20	16*	14*	84	6180-6780	P
Mount Carmel Mercy	I. D. Fagin	166	4,773	504	52	3,098	4	4	4	0	0	12	6300-6900	P
St. John	R. E. Birk	124	4,630	289	42	3,389	3	3	3	0	0	9	5610-7590	FP
Sinai Hospital of Detroit	H. A. Ravin	122	3,275	250	49	3,955	4*	4	2	0	0	10	6600-7800	P
Wayne State University Affiliated Hospitals	R.J. Bing						32	21	7	4	1	65		
Veterans Admin. (Allen Park)	G. W. Bissell	432	3,449	323	64	14,802							4830-8550	O
Detroit General	R. J. Bing	139	3,240	536	48	41,051							6500-7400	P
Hutzel	Y. Morita	110	3,434	237	35	2,327							6500-7100	P
<b>Eloise</b>														
Wayne County General	B. Bercu	163	4,777	532	31	18,024	8	8	6	0	0	22	6852-8500	F
<b>Flint</b>														
Hurley	R. E. Johnson	237	6,505	499	43	2,188	3	3	3	0	0	9	6300-7500	P
Mc Laren General <sup>218</sup>	H.V. Sparks	108	3,605	159	38	900	2	2	2	0	0	6	7500-8100	F
<b>Grand Rapids</b>														
Blodgett Memorial	N. Avery	102	3,337	285	65	624	2	2	2	0	0	6	7200-7800	P
Butterworth	C. Clawson	106	3,253†	348	50	2,621	2	2	2	0	0	6	6900-7200	P
<b>Highland Park</b>														
Highland Park General	L. Jaffe	115	3,211	245	44	3,718	2	3	2	0	0	7	6300-6900	P
<b>Pontiac</b>														
Pontiac General	M.B. Levin	106	3,711	260	54	1,896	2	2	2	0	0	6	7500-8100	FP
St. Joseph Mercy	J. R. Simpson	90	2,497	265	41	1,909	2	2	2	0	0	6	7560-8280	P
<b>Royal Oak</b>														
William Beaumont	I. J. Mader	164	6,098	469	50	1,996	8	7	7	6	0	28	8880-9900	P
<b>Saginaw</b>														
Saginaw General	J. Goodwin	83	2,816	114	38	1,702	1	1	1	0	0	3	6360-6960	F
<b>Southfield</b>														
Providence	G. Ritter	128	2,762†	175	49	867	2	2	2	0	0	6	7500-8100	P
<b>Warren</b>														
South Macomb - See Detroit-Macomb Hospitals, Detroit														
<b>MINNESOTA</b>														
<b>Minneapolis</b>														
Mount Sinai <sup>219</sup>	F. B. Lewis	100	3,500	202	57	12,000	4	3	2	0	0	12	4500-8500	F
Northwestern Hospital of Minneapolis	C. J. Watson	146	4,162	236	60	21,792	6	6	6	0	0	18	6000-8000	O
University of Minnesota Affiliated Hospitals	R. V. Ebert						36	31	31	14	9	121†		
University of Minnesota Hospitals	R. V. Ebert	117	2,875	241	81	12,513							5500-6500	O
Hennepin County General	A. L. Schultz	86	2,737	265	63	19,296							5000-7000	P
Veterans Admin.	W. H. Hall	343	4,405	292	76	16,888							5000-8550	O
St. Paul-Ramsey (St. Paul)	J. Frost	70	1,781	203	56	8,663							5000-6500	O
<b>Rochester</b>														
Mayo Graduate School of Medicine	R. J. Reitemeier	343	22,410	479	71	404,783	60	60	50	25	10	205	5400-6800	P
Rochester Methodist														
St. Mary's														
<b>St. Paul</b>														
Charles T. Miller	M. Janssen	70	2,835	142	49	11,941	1	1	1	0	0	3	6600-7800	P
St. Paul-Ramsey - See Univ. of Minnesota Affiliated Hospitals, Minneapolis														
<b>MISSISSIPPI</b>														
<b>Jackson</b>														
University of Mississippi Medical Center	H. K. Hellems						8	6	4	0	0	18		
University	B. B. Johnson	68	2,032	200	62	15,737							5100-6000	O
Veterans Admin. Center	J.F. Busey	249	2,140	204	59	1,879							4830-6750	O
<b>MISSOURI</b>														
<b>Columbia</b>														
University of Missouri Medical Center	D. Ginder	80	2,085†	128	60	9,728	6	5	4	0	0	15	5000-6000	P

8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MISSOURI—Continued</b>														
<b>Kansas City</b>														
Kansas City General Hospital and Medical Center	J. Arnold	80	2,132	334	38	32,322	5	5	5	0	0	15	5985-7245	FP
Menorah Medical Center <sup>74</sup>	A. Freedman	138	4,309 <sup>†</sup>	199	34	1,197	4	4	4	0	0	12	6970-8290	P
St. Luke's	P. Byers	148	5,466	372	47	13,999	4	4	4	1	0	13	5600-7700	P
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas														
<b>St. Louis</b>														
Barnes Hospital Group	C. Moore	251	6,916	406	64	27,695	21	10	2	0	0	33	5400-8000	O
Jewish Hospital of St. Louis	S. Wessler	166	6,003	337	59	7,902	8	5	1	0	0	14	5700-6900	P
Missouri Baptist	F. J. Catanzaro	79	2,617 <sup>‡</sup>	104	43	2,623	3	3	3	0	0	9	4800-6600	O
St. John's Mercy	R. Reider	142	4,571	342	47	3,479	4	4	2	0	0	10	5400-6600	F
St. Louis City	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Unit 1 - Washington University Medical Service	G. T. Perkoff	74	1,999	204	58	15,275	4*	2	1	1	0	8 <sup>†</sup>	5305-6448	O
Unit 2 - St. Louis University Medical Service	R. A. Kinsella, Jr.	75	1,998	204	58	15,276	6*	4	3	1	0	14 <sup>†</sup>	5305-6448	O
St. Louis County	R.O. Muether	113	2,055	297	50	27,556	3	3	3	0	0	9	5400-6600	F
St. Louis University Group of Hospitals	T.F. Frawley	256	7,331	344	67	13,713	12	12	2	0	0	26	6600-7800	O
St. Luke's	R. Paine	135	4,226	305	44	7,596	4	2	1	0	0	7	6000-7200	F
St. Mary's	W.Knight, Jr.	165	4,636	304	152	748	8	6	4	0	0	18	6000-7200	FP
<b>NEBRASKA</b>														
<b>Omaha</b>														
Creighton University Affiliated Hospitals	R. Heaney	...	...	...	...	...	8	8	4	0	0	20	...	...
Creighton Memorial St. Joseph's	R. Heaney	187	4,989	376	36	...	...	...	...	...	...	...	6300-7200	P
Douglas County	...	57	1,309	174	54	...	...	...	...	...	...	...	...	...
Veterans Admin.	J. F. Sullivan	216	3,207	189	68	3,121	...	...	...	...	...	...	4830-8550	P
University of Nebraska Affiliated Hospitals <sup>50</sup>	F. Paustian	...	...	...	...	...	8	8	6	2	0	24	...	...
University of Nebraska	F. Paustian	23	577	43	63	10,946	...	...	...	...	...	...	4900-5500	P
Bishop Clarkson Memorial	H. J. Lehnhoff	98	3,897	169	50	10,842	...	...	...	...	...	...	4980-4980	O
Douglas County	...	57	1,309	174	54	...	...	...	...	...	...	...	...	...
Veterans Admin.	R. B. Tobin	216	3,207	189	68	3,121	...	...	...	...	...	...	4830-8550	P
<b>NEW HAMPSHIRE</b>														
<b>Hanover</b>														
Dartmouth Medical School Affiliated Hospitals	...	...	...	...	...	...	8	6	4	0	0	18	...	...
Mary Hitchcock Memorial	T. P. Almy	70	2,760	150	78	32,451	...	...	...	...	...	...	5600-7000	O
Veterans Admin. Center (White River Junction, Vt.)	J. L. Grant	83	1,469	74	92	5,057	...	...	...	...	...	...	4610-6440	O
<b>NEW JERSEY</b>														
<b>Atlantic City</b>														
Atlantic City	J. F. Gleason	131	3,644	534	46	7,104	3	2	1	0	0	6	4800-5700	F
<b>Camden</b>														
Cooper	T. Kain, Jr.	147	4,900	509	40	11,467	2	1	1	0	0	4	5600-6200	F
<b>East Orange</b>														
New Jersey College of Medicine Affiliated Hospitals	F. P. Chinard	...	...	...	...	...	22	22	22	12	0	78	7300-9300	P
Veterans Admin.	C. M. Leevy	203	2,286	235	64	2,533	...	...	...	...	...	...	...	...
Newark City (Newark)	F.P. Chinard	218	6,404	708	19	11,414	...	...	...	...	...	...	...	...
<b>Elizabeth</b>														
St. Elizabeth <sup>227</sup>	C. R. Ream	131	3,344	275	40	3,823	4	3	2	0	0	9	6800-7800	P
<b>Englewood</b>														
Englewood	G. B. Barlow	128	3,181	330	40	6,030	2	2	1	0	0	5	5460-6060	FP
<b>Hackensack</b>														
Hackensack	G. O. Helden	115	3,306	376	35	4,458	3	1	1	0	0	5	3900-4500	F
<b>Jersey City</b>														
Jersey City Medical Center	A. Kahn	235	3,844	736	25	7,204	8	9	5	5*	0	27	6300-7700	O
<b>Livingston</b>														
St. Barnabas Medical Center	H. Nussbaum	194	5,514	343	29	226	1	1	1	0	0	3	5400-6600	F
<b>Long Branch</b>														
Monmouth Medical Center	J. Levin	189	5,116	416	52	11,497	2	2	2	0	0	6	5400-6000	P
<b>Montclair</b>														
Mountainside	M. Olinger	147	4,706 <sup>†</sup>	320	45	5,810	3	3	2	0	0	8	5100-5700	F
<b>Neptune</b>														
Jersey Shore Medical Center-Fitkin	E. Abraham	77	2,665	440	52	5,522	2	2	1	0	0	5	4800-6600	F
<b>Newark</b>														
Newark Beth Israel	E. Klosk	122	3,240	328	28	7,071	3	2	1	0	0	6	5300-5900	F
Newark City - See N. J. College of Med. Affiliated Hospitals, East Orange	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Michael	L.G. Smith	147	3,931	308	47	8,807	6	6	2	0	0	14	4500-6780	FP
<b>New Brunswick</b>														
Middlesex General	G. Pickar	73	2,440	223	41	5,456	4	2	1	0	0	7	5196-5880	P
St. Peter's General	C. Gurney, P. Jennings	111	3,241	353	46	5,650	4	2	2	0	0	8	4260-6360	F
<b>Paramus</b>														
Bergen Pines County	S.F. Alexander	507	4,060	586	36	14,775	6	6	4	0	0	16	5100-5700	P
<b>Plainfield</b>														
Muhlenberg	P.K. Johnson	157	4,743	458	45	10,460	2	2	2	0	0	6	4800-6300	FP
<b>NEW MEXICO</b>														
<b>Albuquerque</b>														
Bataan Memorial Methodist University of New Mexico Affiliated Hospitals	S. Papper	...	...	...	...	...	10	10	10	0	0	30	...	...
Bernalillo County Medical Center	S. Papper	44	1,233	155	60	8,829	...	...	...	...	...	...	6060-6500	P
Veterans Admin.	A. N. Longfield	327	3,787	179	80	2,325	...	...	...	...	...	...	5900-8550	O
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical College Affiliated Hospitals	S. Bondurant	...	...	...	...	...	14	10	6	2	0	32	...	...
Albany Medical Center	...	173	5,674	499	64	6,832	...	...	...	...	...	...	6600-8700	P
Veterans Admin.	...	386	3,809	365	70	3,790	...	...	...	...	...	...	4830-6750	O
St. Peter's	W. H. O'Brien	142	3,511	318	43	2,319	3	3	3	0	0	9	6480-7080	P

Numerical and other references are listed on pages 279 through 282.

8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK—Continued</b>														
<b>Buffalo</b>														
Deaconess Hospital of Buffalo	M. A. Sullivan	153	3,138	358	42	3,350	4	2	2	0	0	8	5300-6200	FP
Mercy <sup>48</sup>	J. O'Brien	108	4,310	310	41	3,629	3	3	3	0	0	9	5200-7300	FP
Millard Fillmore	J. F. Painton	164	4,496 <sup>†</sup>	352	44	8,309	3	3	3	0	0	9	5300-6200	P
Sisters of Charity <sup>237</sup>	J. O'Connell	131	3,647	349	37	2,234	4	4	2	0	0	10	6450-6950	P
S.U.N.Y. at Buffalo Affiliated Hospitals														
Buffalo General	E. Calkins	258	4,191	566	48	18,443	28	16	6	2	0	52	5300-6200	...
Edward J. Meyer Memorial		301	4,644	518	44	50,862	...	...	...	...	...	...	5550-7260	O
Veterans Admin. <sup>236</sup>	J. T. Aquilina	401	3,854	352	61	17,838	20	4	2	5	0	31	4610-7110	O
<b>Cooperstown</b>														
Mary Imogene Bassett	M. I. Page	28	930	72	64	12,189	3	1	1	0	0	5	5400-6400	P
<b>East Meadow</b>														
Meadowbrook	L. Meiselas	155	3,996	623	36	18,924	12	9	9	5	0	35	6316-7416	F
<b>Johnson City</b>														
Charles S. Wilson Memorial	E. Wyso	170	4,718	291	41	54,110	3	2	2	0	0	7	7500-8100	P
<b>Manhasset</b>														
North Shore - See Cornell Cooperating Hospitals, New York City														
<b>Mineola</b>														
Nassau	W. Hollis	159	4,427	541	54	3,484	3	3	3	0	0	9	7500-8100	P
<b>Mount Vernon</b>														
Mount Vernon	F. T. Rogliano	108	3,891	231	37	6,189	2	2	1	0	0	5	5400-6600	FP
<b>New Hyde Park</b>														
Long Island Jewish Hospital Training Program														
Long Island Jewish	E. Meilman	84	2,751	231	52	6,100	17	15	7	0	0	39	6000-7750	O
Queens Hospital Center (New York City)	H. Kolodny	609	6,151	1,296	33	46,880	...	...	...	...	...	...	5750-6500	F
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals														
Bronx Municipal Hospital Center	I. M. London	409	6,742	724	44	62,602	16	18	5	0	0	39	4980-5780	F
Hospital of the Albert Einstein College of Medicine														
Beekman-Downtown <sup>250</sup>	J. T. Flynn	99	1,991	214	53	9,301	7	4	3	0	0	14	6000-7500	F
Beth Israel	A. M. Fishberg	130	3,304	376	46	75,644	12	6	2	0	0	20	6150-7150	P
Booth Memorial	I. R. Cohen	103	2,475	253	52	7,127	6	3	3	0	0	12	6000-7500	P
Bronx-Lebanon Hospital Center	E. E. Fischel	239	4,826	474	27	40,373	8	8	8	0	0	24	6000-7400	P
Brookdale Hospital Center	F. Wroblewski	125	2,564	345	45	15,878	8	4	2	0	0	14	6000-7000	P
Brooklyn - Cumberland Medical Center														
Brooklyn	J. F. Mueller	217	6,560	640	43	67,979	8	6	6	2	0	22	5640-7500	P
Cumberland		...	...	...	...	...	...	...	...	...	...	...	...	...
Columbus	S. Wittenberg	104	2,055	227	40	13,130	3	3	3	0	0	9	6000-7500	F
Cornell Cooperating Hospitals														
New York	A. G. Bearn	132	2,420	215	71	45,087	28	28	10	3	0	69	6000-8500	P
Memorial Hospital for Cancer and Allied Diseases-James Ewing														
North Shore (Manhasset)	W. P. L. Myers	124	1,526	394	62	19,500	...	...	...	...	...	...	5950-10000	O
Flushing Hospital and Medical Center	L. Scherr	104	2,589	269	41	7,602	4	3	2	0	0	9	5600-6800	P
Harlem Hospital Center	W. Stumpe	315	5,956	995	15	24,412	12	6	4	0	0	22	4980-5780	P
Hospital for Joint Diseases and Medical Center														
Jamaica	J. Grossman	57	1,045	124	35	18,551	2	2	1	0	0	5	6000-7000	P
Jewish Hospital and Medical Center of Brooklyn	B. D. Gussoff	90	2,128	285	51	7,244	2	2	2	0	0	6	6000-7800	FP
Greenpoint	M. Goldner	190	3,742	559	24	19,936	13	6	5	0	0	24	5000-...	P
Jewish Memorial	L. Levine	44	882	142	30	67,598	...	...	...	...	...	...	7500-9000	P
Kingsbrook Jewish Medical Center-Unity		54	1,275	196	33	8,310	3	3	2	0	0	8	4800-6000	F
Kingsbrook Jewish Medical Center	E. E. Mandel	591	1,875	543	36	8,323	8	6	6	1	0	21	6500-8500	F
Unity	E. E. Mandel	67	1,744	128	40	9,389	...	...	...	...	...	...	6500-8500	F
Knickerbocker	V. Ginsberg	96	1,699	268	39	16,717	3	3	2	0	0	8	4280-6300	FP
Lenox Hill	B. Krentz	222	5,549	399	51	20,986	6	5	4	0	0	15	5600-6400	P
Lincoln	M. S. Bruno	61	1,333	235	42	66,617	8	6	3	0	0	17	4980-5780	P
Long Island College	S. Pollack	233	5,982	477	33	5,752	4	4	4	0	0	12	5500-8000	P
Lutheran Medical Center	J. N. Edson	87	2,687	243	32	7,762	3	3	2	0	0	8	6500-7500	P
Maimonides Medical Center Training Program														
Maimonides Medical Center	D. Grob	233	4,706	781	36	9,858	18	12	12	2	0	44	6000-7750	P
Coney Island	D. Grob	146	3,054	844	36	45,532	...	...	...	...	...	...	4980-6000	P
Methodist Hospital of Brooklyn	S. Glick	150	4,159	325	32	5,300	5	5	3	0	0	13	6000-7100	P
Misericordia - Fordham Training Program														
Misericordia	R. F. Gomprecht	233	4,096	676	48	42,325	14	12	8	4	0	38	6600-8700	F
Fordham														
<b>Montefiore Hospital Training Program</b>														
Montefiore Hospital and Medical Center	H. Rifkin	244	4,536	588	40	16,720	32	24	5	0	0	61	6120-7880	P
Morrisania City		103	1,749	272	45	18,498	...	...	...	...	...	...	...	...
<b>Mount Sinai Hospital Training Program</b>														
Mount Sinai	S. Berson	240	5,196	540	50	37,000	16	16	6	2	0	40	6000-7500	P
City Hospital Center at Elmhurst <sup>4</sup>	S. G. Seckler	318	4,398	862	46	39,860	10	10	10	5	0	35	6300-8300	F
New York Infirmary <sup>256</sup>	M. Gelfand	84	1,971	138	45	10,143	5	5	2	0	0	12	5650-6500	F
<b>New York Medical College-Metropolitan Hospital Center</b>														
Unit 1 - Flower and Fifth Avenue Hospitals	R. Levine	104	2,342	171	34	1,049	22	12	14	0	0	48	4980-6000	FP
Unit 2 - Metropolitan		212	3,262	528	44	394,230	...	...	...	...	...	...	...	...
Unit 3 - Bird S. Coler Memorial Hospital and Home		830	508	303	40	16,325	...	...	...	...	...	...	...	...
New York Polyclinic Medical School and Hospital	R. Wallach	82	1,889	184	45	14,797	4	3	2	0	0	9	5900-6500	P

Numerical and other references are listed on pages 279 through 282.

8. INTERNAL MEDICINE — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK, —Continued</b>															
New York University - Bellevue Medical Center	S. J. Farber	...	...	...	...	...	17	15	4	2	0	38	...	...	
Bellevue Hospital Center	...	225	8,000	450	44	80,000	...	...	...	...	...	...	4980-6000	P	
University	...	128	3,302	255	43	...	...	...	...	...	...	...	7440-8680	P	
Presbyterian	S. Bradley	215	6,238	303	49	57,307	13	8	3	0	0	24	6000-8500	O	
Queens Hospital Center - See L. I. Jewish Hospital Training Program, New Hyde Park															
Queens Hospital Center (Mary Immaculate Hospital Division)	W. D'Angelo	609	6,151	1,296	33	46,880	8	8	6	0	0	22	5750-6500	F	
Roosevelt	N. P. Christy	162	3,766	402	46	11,086	8	6	1	0	0	15	5500-7500	P	
St. Clare's	A. Lewis	105	2,255	224	44	3,793	8	4	3	0	0	15	6500-7500	FP	
St. John's Episcopal <sup>260</sup>	B. H. Perlman	88	1,856	141	40	13,762	3	3	2	0	0	8	5500-7000	FP	
St. Luke's Hospital Center	T. B. Van Itallie	189	3,854	333	59	38,340	8	6	6	0	0	20	6000-7000	P	
St. Vincent's Hospital and Medical Center of New York	W. J. Grace	217	4,133	586	45	30,013	10	6	3	0	0	19	5500-6500	P	
St. Vincent's Medical Center of Richmond	T. J. Quigley	98	2,388	283	48	6,808	4	4	2	0	0	10	5700-6600	F	
State University - Kings County Medical Center	L. W. Eichna	...	...	...	...	...	20	19	12	3	0	54	...	...	
Kings County Hospital Center	...	689	8,567	1,679	19	101,633	...	...	...	...	...	...	4980-6000	P	
State University	...	18	468†	28	43	3,500	...	...	...	...	...	...	6690-8110	O	
Veterans Admin. (Bronx) <sup>263</sup>	J. Wolf	311	3,742	383	44	8,928	16	16	1	5	4	42†	7090-8550	O	
Veterans Admin. (Brooklyn)	W. Dock	398	4,445	443	61	5,863	14	14	9	9	0	46	7090-8310	O	
Veterans Admin. (Manhattan) <sup>248</sup>	N. Spritz	389	2,703	378	42	...	20	10	10	2	2	44†	7090-8550	O	
Wyckoff Heights	V. J. Adams	185	5,226†	620	32	5,477	7	6	4	0	0	17	5000-6000	F	
<b>Rochester</b>															
Genesee	A. L. Ureles	105	3,033	364	65	6,609	6	4	2	0	0	12	6600-7600	O	
Highland Hospital of Rochester	J. W. Holler	72	2,030	268	42	1,010	4	3	1	0	0	8	6600-8100	P	
Rochester General	S. Troup	130	2,882	413	54	4,138	6	4	2	0	0	12	7000-8000	P	
St. Mary's	G. E. Eckert	90	2,302†	269	34	2,680	2	2	1	0	0	5	5750-6750	P	
Strong Memorial Hospital of the University of Rochester	L. E. Young	143	4,125	383	64	23,000	16	10	2	0	0	28	5500-8500	P	
<b>Syracuse</b>															
S.U.N.Y. Upstate Medical Center	P. Bunn	280	6,235	690	51	25,884	14	12	6	6	0	38	6600-7500	O	
Veterans Admin.	A. Ladd	146	2,534	238	61	2,228	...	...	...	...	...	...	6600-6750	O	
<b>Valhalla</b>															
Grasslands	F. A. Craig	160	1,769	295	58	19,231	5	5	5	0	0	15†	9256-10764	P	
<b>NORTH CAROLINA</b>															
<b>Chapel Hill</b>															
North Carolina Memorial	L. G. Welt	77	2,604	183	63	9,741	10	8	2	0	0	20	4500-9000	O	
<b>Charlotte</b>															
Charlotte Memorial	M. Mc Call	128	4,841*	346	39	14,739	2	2	1	0	0	5	6000-7200	P	
<b>Durham</b>															
Duke University Affiliated Hospitals	J. B. Wyngaarden	...	...	...	...	...	21	8	2	0	0	31	...	...	
Duke University Medical Center	J. B. Wyngaarden	154	4,451	273	55	35,591	...	...	...	...	...	...	5500-7000	P	
Veterans Admin.	W. D. Dobbins	21	2,999	228	67	...	...	...	...	...	...	...	4610-8230	O	
Watts	J. P. Mc Cracken	117	3,997	171	40	2,082	2	2	1	0	0	5	5400-6000	F	
<b>Winston-Salem</b>															
North Carolina Baptist Hospitals	E. Yount	143	5,894	284	56	10,193	5	5	3	0	0	13	5500-7500	P	
<b>OHIO</b>															
<b>Akron</b>															
Akron City	A. Kerr, Jr.	208	5,809	567	53	8,699	3	3	3	0	0	9	8420-9440	P	
Akron General	W. M. Bartholomae	160	3,984	422	47	8,259	4	4	3	0	0	11	8400-9200	P	
St. Thomas	J. J. Murphy	126	3,845	310	51	4,232	3	3	3	0	0	9	8688-10128	FP	
<b>Canton</b>															
Aultman	R. J. Bussan	218	6,990	409	42	3,611	4	4	2	0	0	10	6000-7200	P	
<b>Cincinnati</b>															
Daniel Drake Memorial <sup>64</sup>	S. Goodman	633	939	280	53	6,971	9	4	2	0	0	15	5400-6900	F	
Good Samaritan	D. Fischer	165	5,026	457	45	2,433	3	3	2	0	0	8	6000-7500	P	
Jewish	E. G. Margolin	176	3,743†	534	34	4,770	8*	4	1	0	0	13	6000-7500	P	
University of Cincinnati Hospital Group	R. W. Vilter	...	...	...	...	...	13	12	14	5	0	44	...	...	
Cincinnati General	...	110	2,695	450	47	23,447	...	...	...	...	...	...	5640-6540	P	
Veterans Admin.	...	111	1,516	202	68	...	...	...	...	...	...	...	4830-8550	O	
<b>Cleveland</b>															
Cleveland Clinic	H. Van Ordstrand	110	6,453	271	55	116,634	20	18	18	0	0	56	5400-6200	P	
Cleveland Metropolitan General	C. H. Rammelkamp	162	2,821	268	64	49,168	12*	8	8	4	0	32†	5800-8760	P	
Cleveland Metropolitan General Hospital-Lutheran	C. H. Rammelkamp, Jr.	...	...	...	...	...	8	8	4	2	0	22†	5400-7200	F	
Cleveland Metropolitan General Lutheran	...	162	2,821	268	64	49,168	...	...	...	...	...	...	...		
Fairview General	J. Pampush	113	2,444	227	50	...	...	...	...	...	...	...	...		
Huron Road	E. M. Goyette	95	3,057†	272	48	14,368	4	4	4	2	0	14	5400-7200	FP	
Mount Sinai Hospital of Cleveland	V. Vertes	136	3,994	314	43	6,852	5	2	2	0	0	9	4800-5700	FP	
St. Luke's	R. S. Bartunek	185	45,222	354	41	17,365	8	4	1	0	0	13	6600-8100	P	
St. Vincent Charity	R. R. Bartunek	136	3,559	304	46	13,907	4	3	3	0	0	10	6600-8100	P	
University Hospitals of Cleveland	A. S. Weisberger	167	3,384	266	43	15,979	8	6	4	0	0	18	4920-5220	P	
Veterans Admin. <sup>282</sup>	D. L. Horrigan	153	4,496†	446	60	48,213	12	15	13	2	1	43†	6000-7000	P	
Veterans Admin. <sup>282</sup>	D. L. Horrigan	253	2,977	321	70	2,437	15	15	8	4	0	42	6850-9250	P	
<b>Columbus</b>															
Mount Carmel	P. T. Knies	122	3,187	238	54	5,725	2	2	2	0	0	6	7800-9000	F	
Ohio State University Hospitals	J. V. Warren	211	6,449	444	64	34,678	...	...	...	...	...	...	25	5700-8100	P
Riverside Methodist	W. W. Smith	193	4,555	279	41	6,044	3	2	2	0	0	7	7800-8400	P	
<b>Dayton</b>															
Good Samaritan	M. Block	219	8,284	431	51	2,595	2	2	2	0	0	6	6300-6900	F	
Veterans Admin. Center <sup>287</sup>	J. T. Taguchi	255	2,657	269	72	3,782	8	6	4	2	0	20	6300-8230	O	
<b>Lakewood</b>															
Lakewood <sup>283</sup>	R. W. Reynolds	120	2,925	269	45	1,468	4	5	2	0	0	11	5670-6930	FP	
<b>Toledo</b>															
Maumee Valley	B. Wisinger	74	2,227	265	48	14,362	4	4	4	0	0	12	5400-6000	FP	
Toledo	B. K. Bradford	150	4,349	367	51	2,307	4	4	2	0	0	10	6300-6900	F	
<b>Youngstown</b>															
St. Elizabeth	E. Kessler	221	6,826	455	29	6,730	4	3	3	0	0	10	5400-8400	FP	
Youngstown	W. Bunn, Jr.	274	7,970	682	46	6,603	6	4	3	0	0	14†	5400-9300	F	

Numerical and other references are listed on pages 279 through 282.

8. INTERNAL MEDICINE — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>OKLAHOMA</b>														
<b>Oklahoma City</b>														
Baptist Memorial	H. T. Avey	76	3,078	173	33	714	2	2	2	0	0	6	9000-9600	P
University of Oklahoma Medical Center	J. F. Hammarsten	...	...	...	...	...	14	7	5	3	0	29+	...	...
University of Oklahoma Hospitals	J. F. Hammarsten	69	1,582	148	55	13,878	...	...	...	...	...	...	5500-8550	P
Veterans Admin.	W. O. Smith	187	3,156	285	76	32,219	...	...	...	...	...	...	...	...
<b>Tulsa</b>														
St. John's	R. A. Lawson	129	4,175	321	55	899	1	1	1	0	0	3	8700-9300	P
<b>OREGON</b>														
<b>Portland</b>														
Emanuel	L. M. Goldberg	110	3,548†	261	44	5,596	2	2	2	0	0	6	6600-7800	P
Good Samaritan Hospital and Medical Center	R. L. Hare	113	4,996	288	40	535	2	2	2	0	0	6	6600-7800	P
Providence	J. A. Blanchard	102	4,611†	302	42	1,416	2	2	2	0	0	6	6600-7800	P
University of Oregon Medical School Hospitals and Clinics	H. P. Lewis	104	2,917	327	52	21,905	15	12	12	0	0	39	4200-6000	FP
Veterans Admin.	J. R. Walsh	220	4,142	240	75	16,378	...	...	...	...	...	...	4610-6440	P
<b>PENNSYLVANIA</b>														
<b>Abington</b>														
Abington Memorial	J. R. Kitchell	154	4,030	344	41	5,640	4	3	3	0	0	10	5400-7200	P
<b>Bethlehem</b>														
St. Luke's	R. K. Shields	169	3,521	477	44	5,741	2	2	2	0	0	6	6000-7200	FP
<b>Bryn Mawr</b>														
Bryn Mawr	J. A. Wagner	136	3,642†	316	38	4,703	2	2	2	0	0	6	4750-6100	F
<b>Danville</b>														
Geisinger Medical Center	J. A. Collins	106	3,978	250	62	28,120	3	3	2	0	0	8	5800-6300	P
<b>Darby</b>														
Thomas M. Fitzgerald Mercy	D. J. Hilferty	98	2,280	256	43	4,845	1	1	1	0	0	3	6600-7800	P
<b>Harrisburg</b>														
Harrisburg	K. E. Quickel	227	5,146	553	42	22,881	4	4	4	0	0	12	7200-8700	F
Harrisburg Polyclinic	D. A. Smith	249	4,818	497	47	11,440	2	2	2	0	0	6	7980-9180	F
<b>Philadelphia</b>														
Albert Einstein Medical Center	T. Durant	412	8,910†	958	36	31,178	9	8	4	0	0	21	5100-5700	P
Moss Rehabilitation	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Episcopal	W. Gefter	119	2,244	269	35	4,077	3	3	3	2	0	11	4500-5120	FP
Germtown Dispensary and Hospital	R. W. Mays	125	2,974	397	51	19,079	2	1	1	0	0	4	6300-8100	FP
Graduate Hospital of the University of Pennsylvania	H. J. Tumen	43	3,702	263	50	6,210	6	5	5	0	0	16	5400-6000	P
Hahnemann Medical College and Hospital	W. W. Oaks	236	5,121	407	40	1,599	12	10	2	0	0	24	4800-5700	P
Jefferson Medical College <sup>295</sup>	R. I. Wise	223	4,846	418	54	24,657	11	5	2	0	1	19	5500-6500	O
Lankenau <sup>294</sup>	M. W. Miller	142	3,267	303	48	5,442	2	2	2	0	0	6	6600-8100	O
Mercy-Douglass	E. E. Holloway	87	2,383	146	52	4,806	3	2	1	0	0	6	5400-6000	F
Misericordia	N. N. Cohen	153	3,230	374	43	2,313	3	2	1	0	0	6	6600-7800	F
Nazareth	J. M. Waldron	109	2,570	302	25	19,032	3	3	2	0	0	8	6300-6900	F
Pennsylvania	E. D. Viner	145	3,090	256	44	12,383	4	4	4	0	0	12	5300-5900	F
Philadelphia General <sup>290</sup>	...	282	5,297	710	43	40,688	13	11	6	0	0	30	6800-7700	O
Presbyterian-University of Pennsylvania Medical Center	H. L. Conn	126	3,941†	284	60	12,394	5	5	5	0	0	15	5450-6150	P
Temple University	S. Sherry	155	5,660	453	40	26,391	12	12	0	0	0	24	5000-6200	P
University of Pennsylvania Affiliated Hospitals	W. J. Williams	...	...	...	...	...	21	10	1	0	0	32	...	...
Hospital of the University of Pennsylvania	W. J. Williams	229	5,053	307	71	27,745	...	...	...	...	...	...	5500-9000	P
Veterans Admin.	E. J. Stemmler	...	...	...	...	...	...	...	...	...	...	...	4830-7430	O
Woman's Medical College Affiliated Hospitals	H. P. Potter, Jr.	...	...	...	...	...	8	6	5	0	0	19	...	...
Hospital of the Woman's Medical College of Pennsylvania	H. P. Potter, Jr.	57	1,410	58	50	8,505	...	...	...	...	...	...	5400-7000	P
Veterans Admin.	E. J. Stemmler	...	...	...	...	...	...	...	...	...	...	...	4830-7430	O
<b>Pittsburgh</b>														
Allegheny General	J. G. Shively	131	3,479†	375	38	14,612	3	3	3	0	0	9	7500-8100	P
Health Center Hospitals of the University of Pittsburgh	J. D. Myers	109	2,608	172	42	...	14	14	6	2	0	36	...	...
Magee-Womens	D. Mintz	189	4,576	276	71	19,330	...	...	...	...	...	...	6000-8000	O
Presbyterian-University	J. D. Myers	172	2,761	301	67	14,020	...	...	...	...	...	...	5500-6750	O
Veterans Admin.	E. Lamdin	184	4,592	411	51	15,539	4	4	2	0	0	10	6300-6900	P
Mercy	F. J. Luperello	176	4,540	408	43	11,783	6	4	2	0	0	12	6000-7000	P
Montefiore	P. Troen	203	6,977	394	30	9,877	3	3	2	0	0	8	8400-8400	P
St. Francis General	S. A. Zubritzky	140	3,805	327	34	1,721	3	2	1	0	0	6	6300-6900	P
Shadyside	W. B. Tuttle	160	4,070†	328	40	7,212	2	2	2	0	0	9+	5700-6300	P
Western Pennsylvania	F. R. Franke	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Reading</b>														
Reading	R. C. Hoyt	175	3,220	416	51	2,448	2	2	2	0	0	6	6600-7800	F
<b>Sayre</b>														
Robert Packer	J. B. Cady	88	3,885	168	50	27,347	2	2	2	0	0	6	5000-5500	FP
<b>York</b>														
York	J. L. Atkins	207	9,971	391	56	7,143	2	1	2	0	0	5	6600-7800	F
<b>PUERTO RICO</b>														
<b>Ponce</b>														
Ponce District General	H. Rodriguez	83	2,190	288	32	20,600	4	4	4	0	0	12	6000-10800	F
<b>San Juan</b>														
Municipal Hospital Dr. Rafael Lopez Nussa	E. Marchand	89	2,226	365	12	3,494	6	6	6	0	0	18	5700-6900	P
University District	F. Ramos Morales	74	1,807	176	...	39,619	10	10	4	3	0	27	5700-6500	P
Veterans Admin. Center <sup>300</sup>	E. A. Ramirez	91	1,408	74	84	33,018	4	4	4	0	0	12	5985-7245	O
<b>RHODE ISLAND</b>														
<b>Providence</b>														
Miriam	R. P. Davis	78	140	132	38	1,095	4	4	1	0	0	9	8300-8300	F
Rhode Island	M. W. Hamolsky	196	4,910	617	41	18,991	10	8	2	0	0	20	6600-8100	P
Veterans Admin. <sup>301</sup>	J. D. Eyre	202	1,669	173	47	2,034	4	4	2	2	0	12†	4610-8230	P

Numerical and other references are listed on pages 279 through 282.

8. INTERNAL MEDICINE — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>SOUTH CAROLINA</b>														
<b>Charleston</b>														
Medical Center Hospitals	K. Mc Kee	...	...	...	...	15	8	8	2	0	32	...	...	
Medical College	K. Mc Kee	54	1,980†	142	42	16,085	...	...	...	...	...	4380-5400	P	
Charleston County	...	24	...	...	...	...	...	...	...	...	...	...	...	
<b>TENNESSEE</b>														
<b>Chattanooga</b>														
Baroness Erlanger	E. F. Buchner	124	6,866	556	36	13,189	2	2	2	0	6	6600-7200	F	
<b>Knoxville</b>														
University of Tennessee Memorial Research Center and Hospital	A. D. Beasley	84	2,826	264	39	4,444	1	1	0	0	2	5100-5460	F	
<b>Memphis</b>														
Baptist Memorial	P. Milnor	264	7,918	321	38	2,567	3	3	3	0	9	5700-6300	F	
University of Tennessee Affiliated Hospitals	G. H. Stollerman	...	...	...	...	...	12	12	7	0	0	31	...	
City of Memphis Hospitals	G. H. Stollerman	100	2,147	410	50	58,670	...	...	...	...	...	5016-6138	F	
West Tennessee Chest Disease	E. P. Bowerman	168	983	68	34	1,203	...	...	...	...	...	6720-7080	F	
Veterans Admin.	F. S. Dietrich	307	3,940	311	77	3,250	...	...	...	...	20†	7160-9160	O	
<b>Nashville</b>														
Baptist	W. Hall	85	3,061	217	39	250	5	5	2	0	12	6000-6900	O	
George W. Hubbard Hospital of the Meharry Medical College	R. S. Anderson	65	1,387	195	43	12,365	2	2	2	0	6	5100-5700	F	
St. Thomas	H. L. Page	86	3,000	234	48	1,690	3	3	1	0	7	7500-8400	P	
Vanderbilt University Affiliated Hospitals	D. E. Rogers	...	...	...	...	...	14	10	5	0	2	31	...	
Nashville Metropolitan General	T. F. Paine, Jr.	26	1,202	158	47	22,898	...	...	...	...	...	5100-6300	P	
Vanderbilt University	D. E. Rogers	370	8,852	626	56	68,739	...	...	...	...	...	5100-6300	P	
Veterans Admin.	R. M. Des Prez	208	3,423	185	62	...	...	...	...	...	...	4610-8230	P	
<b>TEXAS</b>														
<b>Dallas</b>														
Baylor University Medical Center	R. Tompsett	168	6,868†	467	43	5,602	3	2	1	0	6	6600-7200	O	
Methodist Hospital of Dallas	J. E. Goode	80	3,813	250	37	5,358	2	2	2	5	11†	6300-6900	P	
Parkland Memorial	D. W. Seldin	179	4,110	546	47	82,062	...	...	...	...	26†	5160-5820	P	
St. Paul	J. S. Krakusin	105	3,842	217	38	5,305	1	1	1	0	0	3	6300-6900	P
Veterans Admin.	S. Eisenberg	301	4,572	398	51	...	5	5	5	3	1	19	4830-8550	P
<b>Galveston</b>														
University of Texas Medical Branch Hospitals	W. P. Deiss	212	4,394	367	50	23,100	14	9	7	0	0	30	7000-8000	P
St. Joseph (Houston)	S. Schnur	153	6,678	184	39	1,192	...	...	...	...	...	...	6300-6900	P
University of Texas M. D. Anderson Hosp. and Tumor Institute (Houston)	C. D. Howe	76	1,721	262	69	19,441	...	...	...	...	...	...	5000-10000	O
<b>Houston</b>														
Baylor University Affiliated Hospitals	P. Davis	...	...	...	...	...	16	12	10	4	0	42†	5100-6050	P
Ben Taub General	...	80	2,222	379	55	63,026	...	...	...	...	...	...	...	
Methodist	...	202	6,570	252	56	190	...	...	...	...	...	...	...	
St. Luke's Episcopal	...	50	2,418	86	29	64	...	...	...	...	...	...	...	
Veterans Admin.	...	357	3,876	508	59	31,100	...	...	...	...	...	...	...	
Hermann	L. R. Rodgers	147	5,093	317	43	21,953	3	3	3	0	0	9	6300-7200	P
St. Joseph - See University of Texas Medical Branch Hospitals, Galveston	...	...	...	...	...	...	...	...	...	...	...	...	...	
University of Texas M. D. Anderson Hospital and Tumor Institute - See University of Texas Medical Branch Hospitals, Galveston	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>San Antonio</b>														
Univ. of Texas Medical School at San Antonio Teaching Hospitals	L. Cander	45	1,460	295	135	23,110	9	9	2	0	0	20	6900-8700	O
Robert B. Green Memorial	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Temple</b>														
Scott and White Memorial	J. G. Rodarte	113	4,878†	200	44	100,000	...	...	...	...	...	16	5200-6300	P
<b>UTAH</b>														
<b>Salt Lake City</b>														
Latter-Day Saints	D. H. Nelson	129	5,341	407	36	4,648	4	2	2	0	0	8	5700-6600	P
University of Utah Affiliated Hospitals	G. E. Cartwright	...	...	...	...	...	10	5	4	0	0	19	...	
University	G. E. Cartwright	53	1,519	167	60	21,409	...	...	...	...	...	...	5700-6500	P
Veterans Admin.	E. Englert, Jr.	107	1,399	138	30	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>														
<b>Burlington</b>														
Medical Center Hospital of Vermont	W. A. Tisdale	157	5,156	302	70	12,211	11	10	1	0	0	22	6600-7800	O
<b>White River Junction</b>														
Veterans Admin. Center - See Dartmouth Med. Sch. Affiliated Hospitals, Hanover, N.H.	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>VIRGINIA</b>														
<b>Charlottesville</b>														
University of Virginia	D. Mohler	112	3,376	293	49	13,082	6	6	2	0	0	14	4800-6000	O
<b>Norfolk</b>														
De Paul <sup>43</sup>	V. Cofer	109	4,512	207	42	9,225	2	2	2	0	0	6	6000-6600	F
Norfolk General	B. Miller	127	4,469	480	30	7,911	2	2	2	0	0	6	6900-7500	P
<b>Richmond</b>														
Medical College of Virginia Affiliated Hospitals	...	...	...	...	...	...	16	16	6	0	0	38	...	
Medical College of Virginia-Hospital Division	W. T. Thompson	156	4,939	651	47	39,138	...	...	...	...	...	...	4800-6000	P
Veterans Admin.	J. J. Kelly, 3d	339	4,563	308	63	9,034	0	0	10	0	0	10	6750-8550	P
<b>WASHINGTON</b>														
<b>Seattle</b>														
University of Washington Affiliated Hospitals <sup>318</sup>	R. G. Petersdorf	...	...	...	...	...	24	21	7	1	0	53	...	
King County	R. Conn	36	2,306	283	65	30,515	...	...	...	...	...	...	6000-8000	P
University	R. G. Petersdorf	28	1,332†	79	90	11,753	...	...	...	...	...	...	6000-8000	P
Veterans Admin.	R. S. Evans	111	2,368	182	86	2,942	...	...	...	...	...	...	5500-8460	P
Virginia Mason	C. C. Pearson	68	3,677	178	67	77,525	4	3	3	0	0	10	5950-7890	FP

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

8. INTERNAL MEDICINE — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WEST VIRGINIA</b>														
<b>Beckley</b>														
Beckley Appalachian Regional	D. C. Meek	69	2,414	190	45	25,164	3	2	2	0	0	7	6400-8000	P
<b>Charleston</b>														
Memorial	A. B. C. Ellison	92	2,697	191	37	3,727	1	1	1	0	0	3	5700-6600	F
<b>Morgantown</b>														
West Virginia University Medical Center	E. B. Flink	72	2,332	134	60	12,365	6	6	4	1	0	17†	7000-...	O
<b>WISCONSIN</b>														
<b>Madison</b>														
University of Wisconsin Affiliated Hospitals														
Madison General	R. F. Schilling	86	2,848	212	40	...	15	12	3	0	0	30	4677-6515	P
University Hospitals		134	4,266	181	80	10,021	...	...	...	...	...	...	4677-6515	P
Veterans Admin.		202	3,486	191	77	4,347	...	...	...	...	...	...	4830-6750	P
<b>Milwaukee</b>														
Marquette University Affiliated Hospitals <sup>26</sup>														
Milwaukee County General	W. W. Engstrom	145	6,658†	754	45	54,603	15	15	15	2	0	47	5200-7000	P
Veterans Admin. Center (Wood)	J. J. Levin	241	3,000	302	75	7,707	...	...	...	...	...	...	7200-10600	P
Columbia	D. G. Santer	120	3,262†	185	63	4,630	...	...	...	...	...	...	...	...
Lutheran Hospital of Milwaukee	C. L. Junkerman	105	3,298	196	43	2,251	...	...	...	...	...	...	5199-7009	P
Mount Sinai <sup>21</sup>	K. K. Kaufman	150	4,350†	289	41	4,910	2	2	2	0	0	6	7200-8400	O

9. NEUROLOGICAL SURGERY

Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Board of Neurological Surgery, through the Residency Review Committee for Neurological Surgery, as offering FOUR years of acceptable training in the specialty. Programs, 87; Residencies, 572

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>														
<b>TEXAS</b>														
<b>San Antonio</b>														
Wilford Hall U.S.A.F., San Antonio	P. W. Myers	70	999	36	94	1,166	1	1	1	1	1	5	...	...
<b>UNITED STATES ARMY</b>														
<b>DISTRICT OF COLUMBIA</b>														
Walter Reed General, Washington	L.E. Kempe	150	1,497	49	80	1,531	0	1	1	1	1	4	...	...
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA</b>														
<b>Birmingham</b>														
University of Alabama Medical Center														
Children's	J.G. Galbraith	...	...	...	...	...	1	1	1	1	0	4	...	...
University of Alabama Hospitals and Clinics	S. Graham	1	158	8	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	J.G. Galbraith	51	1,726	122	52	735	...	...	...	...	...	...	6240-7440	P
	J.C. Davie	16	303	11	64	740	...	...	...	...	...	...	4830-8550	O
<b>ARIZONA</b>														
<b>Phoenix</b>														
Barrow Neurological Institute of St. Joseph's Hospital	J.R. Green	35	747	33	45	181	1	1	1	1	1	5	6000-8400	F
<b>CALIFORNIA</b>														
<b>Downey</b>														
Rancho Los Amigos - See White Memorial Medical Center, Los Angeles														
<b>Glendale</b>														
Glendale Adventist - See White Memorial Medical Center, Los Angeles														
<b>Long Beach</b>														
Veterans Admin.	R. W. Porter	38	534	24	92	1,724	1	1	1	1	1	5	8032-10564	O
<b>Los Angeles</b>														
Los Angeles County-U.S.C. Medical Center														
U. C. L. A. Affiliated Hospitals <sup>194</sup>	T. Kurze	54	2,003	207	16	4,432	2	2	2	2	2	10	7632-10164	P
U. C. L. A.	W. E. Stern	21	...	23	48	...	1	2	1	1	1	6	...	...
Veterans Admin. Center-Wadsworth		24	588	23	48	1,189	...	...	...	...	...	...	5400-9500	O
White Memorial Medical Center	P. Vogel	22	532	39	54	1,109	...	...	...	...	...	...	8656-10564	P
Glendale Adventist (Glendale)	P. Vogel	22	596	22	56	202	1	1	1	1	1	5	6660-9060	P
Rancho Los Amigos (Downey)	C. Tyler	...	...	...	...	222	...	...	...	...	...	...	7080-8860	P
		...	...	...	...	439	...	...	...	...	...	...	7632-10080	P
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals														
Palo Alto-Stanford Hospital Center	J.W. Hanbery	23	658†	23	69	1,949	...	...	...	...	...	...	5700-7300	P
Veterans Admin.	A.W.H. Wong	29	222	16	94	726	...	...	...	...	...	...	...	...
<b>Pasadena</b>														
Huntington Memorial	C.H. Shelden	26	523	22	67	776	1	1	1	1	0	4	7500-9300	FP

9. NEUROLOGICAL SURGERY — Continued

State	City	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>CALIFORNIA—Continued</b>															
<b>San Francisco</b>															
	University of California Program	C. B. Wilson	...	...	...	...	...	0	2	2	2	2	8	...	...
	H. C. Moffitt-University of California Hospitals	C. B. Wilson	23	738	22	77	1,323	...	...	...	...	...	...	5200-8400	O
	Franklin	N. Chater	23	812	5	...	...	...	...	...	...	...	...	5196-7200	P
	San Francisco General	C. B. Wilson	10	297	48	13	...	...	...	...	...	...	...	4692-8652	P
	Veterans Admin.	E. S. Connally	16	337	9	56	567	...	...	...	...	...	...	4210-8230	O
<b>COLORADO</b>															
<b>Denver</b>															
	University of Colorado Affiliated Hospitals	K. Welch	...	...	...	...	...	1	1	1	1	0	4	...	...
	University of Colorado Medical Center	K. Welch	30	675	26	95	1,388	...	...	...	...	...	...	4500-5500	O
	Veterans Admin.	T.E.Starzl	12	144	12	83	315	...	...	...	...	...	...	4610-8230	O
<b>CONNECTICUT</b>															
<b>Hartford</b>															
Hartford - See Yale-New Haven, New Haven															
<b>New Haven</b>															
	Yale-New Haven	W.F.Collins,Jr.	27	720	42	43	1,557	0	3	3	3	0	9	6600-8400	P
	Hartford (Hartford)	B. B. Whitcomb	47	1,392	92	85	305	...	...	...	...	...	...	7000-9400	P
	Veterans Admin. (West Haven)	W. F. Collins, Jr.	11	197	15	53	260	...	...	...	...	...	...	...	...
<b>West Haven</b>															
Veterans Admin. - See Yale-New Haven, New Haven															
<b>DISTRICT OF COLUMBIA</b>															
<b>Washington</b>															
	Georgetown University Affiliated Hospitals	A. J. Luessenhop	...	...	...	...	...	1	2	1	1	1	6	7000-8500	P
	Children's Hospital of the District of Columbia	...	11	153+	5	60	611	...	...	...	...	...	...	...	...
	District of Columbia General	...	29	337	50	28	2,060	...	...	...	...	...	...	6500-8500	P
	Georgetown University	...	11	303	26	81	177	...	...	...	...	...	...	...	...
	Veterans Admin.	...	17	257	12	50	730	...	...	...	...	...	...	...	...
	George Washington University Affiliated Hospitals	J. W. Watts	...	...	...	...	...	2	1	1	1	1	6	...	...
	Children's Hospital of the District of Columbia	J. Williams	11	145	3	100	590	...	...	...	...	...	...	7000-7000	P
	George Washington University	J. W. Watts	32	719	51	54	442	...	...	...	...	...	...	7016-9020	P
	Veterans Admin.	...	14	168	12	75	300	...	...	...	...	...	...	7000-10000	P
	Washington Hospital Center	A.V. Rizzoli	41	1,032	36	64	733	...	...	...	...	...	...	8200-8500	P
<b>FLORIDA</b>															
<b>Gainesville</b>															
	William A. Shands Teaching Hosp. and Clinics	H. L. Roberts	20	579	46	93	1,777	2	2	2	2	2	10	5150-9000	O
<b>Miami</b>															
	University of Miami Affiliated Hospitals	D. H. Reynolds	...	...	...	...	...	1	2	2	1	0	6	...	...
	Jackson Memorial	D. H. Reynolds	44	985	92	12	904	...	...	...	...	...	...	6096-7679	P
	Veterans Admin.	W. P. Parker	22	...	...	...	...	...	...	...	...	...	...	7110-8230	O
<b>GEORGIA</b>															
<b>Atlanta</b>															
	Emory University Affiliated Hospitals	R. A. Sears	...	...	...	...	...	1	1	1	1	1	5	...	...
	Emory University	...	23	638+	27	59	...	...	...	...	...	...	...	5700-6600	P
	Grady Memorial	...	16	495	23	57	1,185	...	...	...	...	...	...	5700-6900	P
	Henrietta Egleston Hospital for Children	...	5	239	8	75	0	...	...	...	...	...	...	6000-7500	P
<b>Augusta</b>															
	Medical College of Georgia Hospitals	M. B. Allen	...	...	...	...	...	0	1	1	1	1	4	...	...
	Eugene Talmadge Memorial	M. B. Allen	21	359	28	77	1,386	...	...	...	...	...	...	4800-7600	P
	University	P. Nichols	35	1,291	56	23	268	...	...	...	...	...	...	...	...
	Veterans Admin.	R. A. Gindin	20	310	23	20	767	...	...	...	...	...	...	4830-8550	P
<b>ILLINOIS</b>															
<b>Chicago</b>															
	Cook County	A.J.Raimondi	59	1,558	70	79	2,697	2	2	2	2	0	10+	5400-7800	F
	Mercy Hospital and Medical Center	H. C. Voris	25	473	24	46	214	1	1	1	1	1	5	5700-6900	P
	Veterans Admin. (Hines)	...	32	330	42	52	656	...	...	...	...	...	...	6400-8230	O
	Northwestern University Medical Center	P. C. Bucy	...	...	...	...	114	3	3	3	3	3	15	...	...
	Chicago Wesley Memorial	P. C. Bucy	34	792	39	59	...	...	...	...	...	...	...	6000-8000	P
	Children's Memorial	L.V. Amador	18	212+	26	73	497	...	...	...	...	...	...	6000-8000	P
	Veterans Admin. Research	D. Ruge	17	242	19	63	...	...	...	...	...	...	...	6400-8550	O
	Evanston (Evanston)	J. A. Tarkington	8	241	21	62	28	...	...	...	...	...	...	6000-7000	P
	University of Chicago Hospitals and Clinics	J. F. Mullan	18	525	24	96	1,666	1	1	1	1	0	4+	6000-8000	O
	University of Illinois Affiliated Hospitals	E.Oldberg	...	...	...	...	...	2	2	2	2	0	8	...	...
	Presbyterian-St. Luke's	...	12	222	13	62	186	...	...	...	...	...	...	6000-7500	P
	University of Illinois Research and Educational Hospitals	...	28	421	20	80	9,632	...	...	...	...	...	...	5400-6600	P
	Veterans Admin. (Hines)	...	32	330	42	52	656	...	...	...	...	...	...	6400-8230	O
<b>Evanston</b>															
Evanston - See Northwestern University Medical Center, Chicago															
<b>Hines</b>															
Veterans Admin. - See Mercy Hsp. Med. Ctr.; U. of Ill. Aff. Hsps., Chgo															
<b>INDIANA</b>															
<b>Indianapolis</b>															
	Indiana University Medical Center	R.L. Campbell	...	...	...	...	...	2	2	2	2	0	8	...	...
	Indiana University Hospitals	R.L.Campbell	44	789	69	52	1,090	...	...	...	...	...	...	5100-6100	P
	Marion County General	R. Campbell	14	266	61	80	404	...	...	...	...	...	...	5764-6916	P
	Methodist Hospital of Indiana	J. Russell	53	1,399	95	47	81	...	...	...	...	...	...	6180-6180	P
	Veterans Admin.	R. L. Campbell	22	265	35	54	299	...	...	...	...	...	...	4830-8550	O

Numerical and other references are listed on pages 279 through 282.

9. NEUROLOGICAL SURGERY — Continued

State	City	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
					Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>IOWA</b>															
<b>Iowa City</b>															
	State University of Iowa Affiliated Hospitals	G.E.Perret	...	...	...	...	...	2	2	1	2	0	7	...	...
	University of Iowa Hospitals	G. E. Perret	52	887	65	80	1,928	...	...	...	...	...	...	5000-7000	P
	Veterans Admin.	H.Steelman	9	...	...	...	90	...	...	...	...	...	...	5400-8230	P
<b>KANSAS</b>															
<b>Kansas City</b>															
	University of Kansas Medical Center	C. Brackett	19	646	34	68	1,783	1	1	1	1	0	4	4200-4680	P
	Veterans Admin. (Kansas City, Mo.)	C. A. Clough	17	334	15	87	301	...	...	...	...	...	...	4830-8550	O
<b>KENTUCKY</b>															
<b>Lexington</b>															
	University	H. Norrell	20	681	35	58	2,165	1	1	1	1	0	4	5160-6960	P
<b>Louisville</b>															
	University of Louisville Affiliated Hospitals	E. G. Grantham	...	...	...	...	...	1	1	1	1	0	4	...	...
	Children's	L. Segerberg	16	170	8	25	198	...	...	...	...	...	...	...	...
	John N. Norton Memorial Infirmary	E. G. Grantham	11	369	16	44	0	...	...	...	...	...	...	...	...
	Louisville General	E. G. Grantham	8	317	36	53	325	...	...	...	...	...	...	5000-7430	P
<b>LOUISIANA</b>															
<b>New Orleans</b>															
	Tulane University Affiliated Hospitals	R. C. Llewellyn	...	...	...	...	...	2	1	1	2	1	7	...	...
	Charity Hospital of Louisiana	R. C. Llewellyn	12	266	60	22	1,424	...	...	...	...	...	...	6000-6000	F
	Ochsner Foundation	H. D. Kirgis	30	1,050	31	75	4,558	...	...	...	...	...	...	6500-7500	O
	Veterans Admin.	R. C. Llewellyn	18	351	18	55	310	...	...	...	...	...	...	6800-7110	O
<b>MARYLAND</b>															
<b>Baltimore</b>															
	Johns Hopkins	A. E. Walker	41	1,120+	45	36	1,252	1	1	2	1	1	6	5000-...	P
	Baltimore City Hospitals	Inc. in Surg.	...	...	...	...	...	...	...	...	...	...	...	6000-6000	O
	University of Maryland Affiliated Hospitals	J. Arnold	...	...	...	...	...	2	2	2	2	2	10	...	...
	University of Maryland	...	40	980	73	45	686	...	...	...	...	...	...	5700-7100	P
	Mercy	...	15	415	21	27	187	...	...	...	...	...	...	...	...
<b>MASSACHUSETTS</b>															
<b>Boston</b>															
	Children's Hospital Medical Center-Peter Bent Brigham	D.D.Matson	23	928	15	87	1,109	1	1	1	1	0	4	...	...
	Children's Hospital Medical Center Peter Bent Brigham	Inc. in Surg.	...	...	...	...	...	...	...	...	...	...	...	7300-10000	P
	Massachusetts General	W. Sweet	64	1,332+	97	71	5,587	2	2	2	2	1	9	6600-10000	O
	Boston City	V. H. Mark	21	438	34	44	999	...	...	...	...	...	...	6600-9000	O
	New England Medical Center Hospitals	B. Selverstone	17	331	7	71	1,402	3	1	1	1	0	4	6600-9000	O
	Veterans Admin. (Jamaica Plain)	J. H. Drew	26	432	23	70	813	...	...	...	...	...	...	7300-10000	O
	Rhode Island (Providence, R.I.)	J. Stoll, Jr.	31	871	64	64	542	...	...	...	...	...	...	8100-9000	P
<b>MICHIGAN</b>															
<b>Ann Arbor</b>															
	University of Michigan Affiliated Hospitals	E.A.Kahn	...	...	...	...	...	2	2	2	1	0	7	...	...
	University	E. A. Kahn	31	752	11	68	3,213	...	...	...	...	...	...	5300-6700	O
	Veterans Admin.	J. A. Taren	...	...	...	...	...	...	...	...	...	...	...	4830-8550	O
	Wayne County General Hospital and Infirmary (Eloise)	J. A. Taren	9	291	47	32	622	...	...	...	...	...	...	6852-8500	F
	Detroit	R. S. Knighton	29	664	35	67	4,238	2	2	2	2	0	8	6180-7380	P
	Wayne State University Affiliated Hospitals	E.S.Gurdjian	...	...	...	...	...	0	1	4	2	0	7	...	...
	Detroit General	...	22	436	64	63	845	...	...	...	...	...	...	6500-7400	P
	Grace	...	25	567	21	62	48	...	...	...	...	...	...	6900-7200	P
	Eloise	Wayne County General Hospital and Infirmary - See University of Michigan Affiliated Hospitals, Ann Arbor	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
	University of Minnesota Affiliated Hospitals	L. A. French	...	...	...	...	...	2	2	2	2	2	10	...	...
	University of Minnesota Hospitals	...	26	827	45	89	824	...	...	...	...	...	...	5500-6000	O
	Veterans Admin.	...	37	435	27	74	1,060	...	...	...	...	...	...	5000-8550	O
	Mayo Graduate School of Medicine	C. S. Mac Carty	56	3,278	62	81	13,310	8	8	8	8	0	32	5400-8000	P
	Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>MISSISSIPPI</b>															
<b>Jackson</b>															
	University of Mississippi Medical Center	O. J. Andy	...	...	...	...	...	1	1	1	1	1	5	...	...
	University	O. J. Andy	18	594	40	70	831	...	...	...	...	...	...	5100-6000	O
	Veterans Admin. Center	T.Sarafoglu	11	199	15	47	976	...	...	...	...	...	...	4830-8550	O
<b>MISSOURI</b>															
<b>Columbia</b>															
	University of Missouri Medical Center	S.P.W. Black	14	374+	20	85	1,484	1	1	1	1	0	4	5500-7500	P
	St. Luke's (St. Louis)	C. Lischer	23	798	35	20	2	...	...	...	...	...	...	...	...
<b>Kansas City</b>															
	Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas	...	...	...	...	...	...	...	...	...	...	...	...	...	...

9. NEUROLOGICAL SURGERY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance P O
				Number	Neecropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MISSOURI—Continued</b>														
<b>St. Louis</b>														
Barnes Hospital Group	H. Schwartz	28	639	65	63	953	0	1	2	2	2	7	5700-7000	O
St. Luke's - See University of Missouri Medical Center, Columbia														
<b>NEW HAMPSHIRE</b>														
<b>Hanover</b>														
Dartmouth Medical School Affiliated Hospitals	E. Sachs, Jr.	28	850	47	94	2,134	1	1	1	1	0	4	6200-9000	O
Mary Hitchcock Memorial Veterans Admin. Center (White River Junction, Vt.)		13	135	5	80	498							4610-7110	O
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical College Affiliated Hospitals	R. A. Lende	41	1,248	92	57	105	1	1	1	1	0	4	7300-10000	P
Albany Medical Center Veterans Admin.		9	195	24	75	335							4830-6750	O
<b>Buffalo</b>														
S.U.N.Y. at Buffalo Affiliated Hospitals	L. Bakay	18	461	41	46	66	1	1	1	1	0	4	5300-7500	O
Buffalo General		7	202	5	80	148							5300-7500	P
Children's Hospital of Buffalo		9	223	31	35	363							5550-7260	P
Edward J. Meyer Memorial														
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals	H. L. Rosomoff	11	368	18	72	729	3	3	2	2	2	14+	4980-6400	F
Bronx Municipal Hospital Center Hospital of the Albert Einstein College of Medicine			289+	21	57	603							6500-9500	F
Montefiore Hospital and Medical Center		20	447	40	45	332								
Mount Sinai Hospital Training Program	S. W. Gross	24	368	22	50	600	2	2	2	2	0	8	6000-9000	P
Mount Sinai City Hospital Center at Elmhurst		17	584	59	39	697							6300-8300	F
New York University - Bellevue Medical Center	B. Ray	19	327	30	83	3,489	0	0	1	1	1	4	6000-9000	P
Bellevue Hospital Center	J. Ransohoff	20	204	42	76	767	2	2	2	2	2	12+	4980-6400	P
Bellevue Hospital Center University		33	578	30	65								7440-8880	P
Veterans Admin. (Manhattan)		9	20	17	58								7690-8550	O
Presbyterian	J. L. Pool	38	1,225	56	30	16,484	2	2	2	3	0	9	6500-7500	O
St. Vincent's Hospital and Medical Center of New York	R. Rovit	28	533	44	50	429	1	1	1	1	0	4	5500-7000	P
Lenox Hill	F. A. Echlin												6400-6400	P
State University - Kings County Medical Center	A. W. Cook	77	1,118	232	27	1,807	0	0	1	2	2	6+	5780-6400	P
Kings County Hospital Center														
Long Island College														
State University			7+			30							6690-8110	O
Veterans Admin. (Bronx) <sup>267</sup>	E. Krueger	36	387	13	62	2,302	2	1	2	1	0	6	7690-8550	O
<b>Rochester</b>														
Strong Memorial Hospital of the University of Rochester	F. P. Smith	25	723	41	44	190	1	1	1	1	0	4	5500-8500	P
<b>Syracuse</b>														
S.U.N.Y. Upstate Medical Center	R.B. King	42	977	58	70	671	2	2	2	2	2	10	6600-8100	O
Veterans Admin.		8	148	12	92	306							5050-8550	O
<b>NORTH CAROLINA</b>														
<b>Chapel Hill</b>														
North Carolina Memorial	G. S. Dugger	18	504	44	37	1,011	1	1	1	1	0	4	4500-7500	O
<b>Durham</b>														
Duke University Affiliated Hospitals	G. L. Odom	47	1,208	71	56	1,628	2	2	2	2	2	10	5500-7000	P
Duke University Medical Center		26	420	40	65								4610-8230	P
Veterans Admin.														
<b>Winston-Salem</b>														
North Carolina Baptist Hospitals	E. Alexander, Jr.	24	790	48	63	1,279	1	1	1	1	0	4	6000-8000	P
<b>OHIO</b>														
<b>Cincinnati</b>														
University of Cincinnati Hospital Group	R. L. Mc Laurin						1	1	1	1	1	5		
Children's	R. L. Mc Laurin		222	17	47	177								
Christ	F. H. Mayfield	33	717+	39	59	171							6000-6300	F
Cincinnati General	R. Mc Laurin	16	500	80	83	696							5640-6840	P
Good Samaritan	F. H. Mayfield	34	337	13	52	503							6300-7200	P
Veterans Admin.	R. Mc Laurin	12	170	15	94								4830-8550	O
<b>Cleveland</b>														
Cleveland Clinic	D. Dohn	35	1,220	39	65	5,438	2	2	2	2	0	8	5800-8000	P
St. Vincent Charity	E. J. Bishop	22	330	22	52	224								
Western Reserve University Affiliated Hospitals	F. E. Nulsen						1	2	1	2	0	6	6300-9260	P
Cleveland Metropolitan General	R. J. White	15	321	22	68	873								
University Hospitals of Cleveland	F. E. Nulsen	18	546+	18	61									
Veterans Admin.	J. A. Jane	18	128	20	90	210							7550-8350	P
<b>Columbus</b>														
Ohio State University Affiliated Hospitals	W. E. Hunt						0	2	2	2	2	8	5700-8160	P
Ohio State University Hospitals	W. E. Hunt	25	650	50	69	1,100								
Children's	M. P. Sayers	26	756	33	25	782								
Riverside Methodist	J. N. Meagher	33	957	45	44								7800-9000	P

9. NEUROLOGICAL SURGERY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary Per Year (Min.-Max.)	Maintenance
			Number	Neurology Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>OKLAHOMA</b>														
<b>Oklahoma City</b>														
University of Oklahoma Medical Center	R. G. Fisher	...	...	...	...	...	1	1	1	1	0	4	8700-9600	P
St. Anthony	A. C. Lisle, Jr.	33	1,291	70	39	106	...	...	...	...	...	...	...	...
University of Oklahoma Hospitals	R. G. Fisher	8	207	21	62	570	...	...	...	...	...	...	5500-8000	P
<b>OREGON</b>														
<b>Portland</b>														
Good Samaritan Hospital and Medical Center	J. Raaf	19	424	33	75	...	1	1	1	1	1	5	6600-9000	P
University of Oregon Affiliated Hospitals	H. D. Paxton	...	...	...	...	...	1	1	1	1	1	5	...	...
University of Oregon Medical School Hospitals and Clinics	...	17	435	30	70	800	...	...	...	...	...	...	4200-6000	FP
Veterans Admin.	...	...	704	17	90	500	...	...	...	...	...	...	4610-8230	P
<b>PENNSYLVANIA</b>														
<b>Philadelphia</b>														
Episcopal	H. Shenkin	26	757	63	52	533	1	1	1	1	0	4	4500-5120	P
Hahnemann Medical College and Hospital	J. Osterholm	...	Inc. in Surg.	...	...	...	1	1	0	0	0	2	4500-5700	P
Hospital of the University of Pennsylvania	R. A. Groff	27	538	45	67	...	2	2	2	2	0	8	3600-3600	O
Children's Hospital of Philadelphia	L. Schut	10	250	17	70	357	...	...	...	...	...	...	...	...
Graduate Hospital of the University of Pennsylvania	R. A. Groff	4	94	9	60	124	...	...	...	...	...	...	...	...
Philadelphia General	T. W. Langfitt	16	357	51	50	622	...	...	...	...	...	...	5800-6700	O
Jefferson Medical College	P. D. Gordy	21	430	24	75	336	1	1	1	1	1	5	5500-7000	O
Temple University Medical Center	M. Scott	...	...	...	...	...	2	2	2	2	0	8	...	...
Temple University	M. Scott	24	879	52	65	588	2	2	2	2	0	8	5000-6200	P
Albert Einstein Medical Center (Northern Division)	P. Lin	10	169†	17	53	75	...	...	...	...	...	...	...	...
<b>Pittsburgh</b>														
Health Center Hospitals of the University of Pittsburgh	A. Susen	...	...	...	...	...	2	2	2	2	0	8	...	...
Children's Hospital of Pittsburgh	...	15	619	42	74	1,425	...	...	...	...	...	...	6000-7500	O
Presbyterian-University	...	35	738	50	36	1,153	...	...	...	...	...	...	6000-8000	O
Veterans Admin.	...	14	410	33	64	1,115	...	...	...	...	...	...	5500-7430	O
Mercy	G. H. Gray	26	666	59	72	526	1	1	1	1	0	4	6300-7200	P
<b>RHODE ISLAND</b>														
<b>Providence</b>														
Veterans Admin.	- See New England Medical Center Hospitals, Boston, Mass.													
<b>SOUTH CAROLINA</b>														
<b>Charleston</b>														
Medical Center Hospitals	P. L. Perot, Jr	21	460†	42	71	900	1	1	1	1	1	5	4380-5400	P
Medical College	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>TENNESSEE</b>														
<b>Memphis</b>														
Methodist	C. D. Hawkes	44	1,098	43	49	296	1	1	1	1	0	4	5700-7500	F
Veterans Admin.	...	24	286	18	67	996	...	...	...	...	...	...	7160-9160	O
University of Tennessee Affiliated Hospitals	F. Murphey	...	...	...	...	...	2	2	2	2	0	8	...	...
Baptist Memorial	...	160	4,830	140	47	437	...	...	...	...	...	...	5700-6000	F
City of Memphis Hospitals	...	35	706	105	35	853	...	...	...	...	...	...	5016-6468	F
<b>Nashville</b>														
Vanderbilt University Affiliated Hospitals	W. F. Meacham	...	...	...	...	...	2	2	2	2	0	8	...	...
Nashville Metropolitan General	...	...	196	20	20	288	...	...	...	...	...	...	5100-6300	P
Vanderbilt University	...	54	1,667	136	42	1,378	...	...	...	...	...	...	5100-6300	P
Veterans Admin.	...	12	237	11	76	...	...	...	...	...	...	...	4610-8230	P
<b>TEXAS</b>														
<b>Dallas</b>														
University of Texas Southwestern Medical School Affiliated Hospitals	W. K. Clark	...	...	...	...	...	1	1	1	1	1	5	...	...
Children's Medical Center	...	...	217	7	4	83	...	...	...	...	...	...	...	...
Parkland Memorial	...	21	550	70	31	1,822	...	...	...	...	...	...	5160-6120	P
St. Paul	...	25	464	27	52	...	...	...	...	...	...	...	6300-7200	P
<b>Galveston</b>														
University of Texas Medical Branch Hospitals	G. T. Tindall	33	577	39	56	1,480	1	1	1	1	0	4	6000-6000	P
<b>Houston</b>														
Baylor University Affiliated Hospitals	G. Ehni	...	...	...	...	...	2	2	2	2	0	8	5100-7425	P
Ben Taub General	...	11	313	83	27	1,027	...	...	...	...	...	...	...	...
Methodist	...	67	1,994	56	64	31	...	...	...	...	...	...	...	...
Veterans Admin.	...	30	4200	4	506	1,005	...	...	...	...	...	...	...	...
<b>VERMONT</b>														
<b>Burlington</b>														
Medical Center Hospital of Vermont	R. M. P. Donaghy	26	693	34	91	972	1	1	1	1	0	4	6600-8400	O
<b>White River Junction</b>														
Veterans Admin.	- See Dartmouth Med School Affiliated Hospitals, Hanover, N.H.													
<b>VIRGINIA</b>														
<b>Charlottesville</b>														
University of Virginia	W. G. Crutchfield	32	1,034	41	51	1,940	1	1	1	1	1	5	4800-6000	O
<b>Richmond</b>														
Medical College of Virginia Affiliated Hospitals	...	...	...	...	...	...	2	1	2	1	0	6	...	...
Medical College of Virginia-Hospital Division	J. Alksne	42	852	76	50	802	...	...	...	...	...	...	4800-6000	P
Veterans Admin.	J. L. Ulmer	13	227	17	71	289	...	...	...	...	...	...	4830-8550	P

Numerical and other references are listed on pages 279 through 282.

9. NEUROLOGICAL SURGERY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WASHINGTON</b>														
<b>Seattle</b>														
University of Washington Affiliated Hospitals <sup>218</sup>	A. A. Ward, Jr.	9	284	46	20	385	2	3	2	2	1	10	6000-9000	P
King County University		15	397†	25	68	1,005							6000-9000	P
Veterans Admin.	Inc. in Surg.			19	100	450							5500-8460	P
<b>WEST VIRGINIA</b>														
<b>Morgantown</b>														
West Virginia University Medical Center	B. M. Bloor	32	890	65	54	3,201	1	1	1	1	1	5	7000-...	...
<b>WISCONSIN</b>														
<b>Madison</b>														
University of Wisconsin Affiliated Hospitals	M. Javid	27	616	34	82	1,183	1	1	1	1	1	5	4600-8200	P
University Hospitals														
Veterans Admin.	Inc. in Surg.												4830-7430	P

10. NEUROLOGY

Residency programs in the following hospitals have been approved for THREE years of training by the Council on Medical Education and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level.) Programs, 83; Residencies, 819

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES ARMY</b>														
<b>CALIFORNIA</b>														
Letterman General, San Francisco <sup>128</sup>	D.S. Buchanan	31	355	11	91	9,490	2	2	2	0	0	6	...	...
<b>DISTRICT OF COLUMBIA</b>														
Walter Reed General, Washington	W.E.Porter	82	809	14	79	4,169	3	3	3	0	0	9	...	...
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA</b>														
<b>Birmingham</b>														
University of Alabama Medical Center	S.C.Little						3	2	1	1	0	7	...	...
Crippled Children's Clinic and Hospital	S. C. Little	1	25	0	0	432							6240-8040	P
University of Alabama Hospitals and Clinics	S. C. Little	9	468	73	52	2,059							6240-8040	P
Veterans Admin.	I.Lewis	7	123	5	100	789							4830-8550	O
<b>ARIZONA</b>														
<b>Phoenix</b>														
Barrow Neurological Institute of St. Joseph's Hospital	J. C. White	16	665	34	29	243	1	1	1	0	0	3	6000-7200	F
<b>CALIFORNIA</b>														
<b>Los Angeles</b>														
Los Angeles County-U.S.C. Medical Center	H. Barrows	63	3,072	332	29	7,186	2	2	2	0	0	6	7632-8892	P
U. C. L. A.	A. Rose	22	845	15	100	4,920	4	3	3	0	0	10	5400-8600	O
Los Angeles County Harbor General, (Torrance)	J. Nelson	5	184	7	100	1,009							7632-8256	P
Veterans Admin. Center-Wadsworth	R. N. Baker	26	570	11	82	1,956	3	3	3	1	0	10	8032-10564	P
<b>Martinez</b>														
Veterans Admin. - See Pacific Med. Ctr.-Affiliated Hospitals, San Francisco														
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals	F. Morrell						4	4	4	0	0	12	...	...
Palo Alto-Stanford Hospital Center	F. Morrell	8	294†	9	67	1,332							5700-6600	P
Veterans Admin.	W.W. Hofmann	64	394	20	85	484							...	...
<b>San Francisco</b>														
Pacific Medical Center and Affiliated Hospitals							2	2	2	0	0	6	...	...
Pacific Medical Center - Presbyterian	K. Finley	10	183	1	100	518							6600-8100	O
Children's Hospital and Adult Medical Center	J. Mednick		219	4	2	117							7800-9000	P
Veterans Admin. (Martinez)	W.M. Anderson	39	296	24	58	687							6672-14409	O
University of California Program													...	...
H. C. Moffitt-University of California Hospitals	R. A. Fishman	20	706	6	83	3,177	5	5	2	0	0	12	5200-7200	O
<b>Torrance</b>														
Los Angeles County Harbor General - See U.C.L.A., Los Angeles														

10. NEUROLOGY—Continued

State	City	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance
					Number	Neurology Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>COLORADO</b>															
<b>Denver</b>															
	University of Colorado Affiliated Hospitals	J.H. Austin	...	...	...	...	...	4	4	3	0	0	11	...	...
	University of Colorado Medical Center	J. H. Austin	50	839	53	79	3,534	...	...	...	...	...	...	7000-9000	O
	Veterans Admin.	E. Lewin	33	525	33	85	1,825	...	...	...	...	...	...	4610-8230	O
<b>CONNECTICUT</b>															
<b>New Haven</b>															
	Yale-New Haven Medical Center	G.H.Glaser	...	...	...	...	...	2	2	2	0	0	6	5000-7000	...
	Yale-New Haven Veterans Admin. (West Haven)	G. H. Glaser	28	...	...	...	1,312	...	...	...	...	...	...	...	P
		L. Levy	...	463	19	76	1,196	...	...	...	...	...	...	...	...
<b>West Haven</b>															
	Veterans Admin. - See Yale-New Haven Medical Center, New Haven														
<b>DISTRICT OF COLUMBIA</b>															
<b>Washington</b>															
	Georgetown University Affiliated Hospitals	D. S. O'Doherty	...	...	...	...	...	3	3	3	1	0	10	...	...
	Georgetown University	D. S. O'Doherty	7	255	2	100	1,693	...	...	...	...	...	...	6500-7500	P
	Veterans Admin.	J. Kurtzke	51	707	41	83	1,575	...	...	...	...	...	...	7000-14407	P
<b>FLORIDA</b>															
<b>Gainesville</b>															
	William A. Shands Teaching Hosp. and Clinics	M. Greer	20	588	13	65	2,927	3	3	5	0	0	11	6000-9000	O
<b>Miami</b>															
	University of Miami Affiliated Hospitals	P. Scheinberg	...	...	...	...	...	5	4	5	0	0	14	...	...
	Jackson Memorial	P. Scheinberg	21	1,057	122	59	5,199	...	...	...	...	...	...	5693-6487	P
	Veterans Admin.	N. J. David	26	240	10	95	798	...	...	...	...	...	...	4610-5460	O
<b>GEORGIA</b>															
<b>Atlanta</b>															
	Grady Memorial	H. Karp	4	119	5	100	2,516	2	2	2	0	0	6	5700-6900	P
<b>Augusta</b>															
	Medical College of Georgia Hospitals, Eugene Talmadge Memorial	H. Collings	13	264	4	25	1,470	2	2	2	0	0	6	4800-6000	P
<b>ILLINOIS</b>															
<b>Chicago</b>															
	Northwestern University Medical Center	B. Boshes	...	...	...	...	2,748	7	7	9	1	1	25	6400-17557	F
	Chicago Wesley Memorial	B. Boshes	27	660	12	75	...	...	...	...	...	...	...	...	...
	Veterans Admin. Research	H. Koenig	28	262	11	27	...	...	...	...	...	...	...	6400-8550	O
	Veterans Admin. (Hines)	K. D. Barron	170	1,046	142	51	1,647	...	...	...	...	...	...	6400-8230	O
	University of Chicago Hospitals and Clinics	S. Schulman	12	326	21	66	3,751	2	0	3	0	0	5	6000-7000	O
	University of Illinois Affiliated Hospitals	M.M.Cohen	...	...	...	...	...	2	2	2	0	0	6	...	...
	Presbyterian-St. Luke's		17	196	7	71	887	...	...	...	...	...	...	6000-8500	P
	University of Illinois Research and Educational Hospitals		...	...	...	...	...	...	...	...	...	...	...	5400-6200	P
<b>Hines</b>															
	Veterans Admin. - See Northwestern University Medical Center, Chicago														
<b>INDIANA</b>															
<b>Indianapolis</b>															
	Indiana University Medical Center	A.T.Ross	...	...	...	...	...	3	3	3	0	0	9	...	...
	Indiana University Hospitals		8	256	5	30	3,665	...	...	...	...	...	...	5100-6100	P
	Marion County General		17	305	9	605	1,449	...	...	...	...	...	...	5764-6550	P
	Veterans Admin.		31	496	37	49	550	...	...	...	...	...	...	4830-8550	O
<b>IOWA</b>															
<b>Iowa City</b>															
	State University of Iowa Affiliated Hospitals	A.L.Sahs	...	...	...	...	...	3	3	3	1	0	10	...	...
	University of Iowa Hospitals	A. L. Sahs	47	1,649	37	86	7,459	...	...	...	...	...	...	5000-6000	P
	Veterans Admin.	E.W.Sybil	19	267	9	100	264	...	...	...	...	...	...	5400-8230	P
<b>KANSAS</b>															
<b>Kansas City</b>															
	University of Kansas Medical Center	D. K. Ziegler	9	341	5	100	2,327	3	3	3	0	0	9	4200-9000	P
	Veterans Admin. (Kansas City, Mo.)	V. B. Matovich	18	249	7	57	340	...	...	...	...	...	...	4830-6750	O
<b>KENTUCKY</b>															
<b>Louisville</b>															
	University of Louisville Affiliated Hospitals	E. Roseman	...	...	...	...	...	2	2	2	0	0	6	...	...
	Louisville General	E. Roseman	37	760	190	60	2,416	...	...	...	...	...	...	5000-5500	P
	Veterans Admin.	I. O. Dein	41	284	23	74	312	...	...	...	...	...	...	4830-6750	O
<b>LOUISIANA</b>															
<b>New Orleans</b>															
	Charity Hospital of Louisiana		...	...	...	...	...	...	...	...	...	...	...	...	...
	Louisiana State University Division	R. Paddison	20	550	50	52	4,716	...	...	...	...	...	...	5400-6000	F
	Tulane University Division	R. G. Heath	24	601	63	57	4,831	...	...	...	...	...	...	5400-6000	F
<b>MARYLAND</b>															
<b>Baltimore</b>															
	Johns Hopkins Hospital-Baltimore		...	...	...	...	...	0	1	2	0	0	3	...	...
	City Hospitals	J.W.Magladery	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baltimore City Hospitals		105	553	204	55	655	...	...	...	...	...	...	5000-5500	O
	Johns Hopkins		...	...	...	...	3,325	...	...	...	...	...	...	5000-	P
	University of Maryland	E. Nelson	16	384	35	50	2,017	2	2	1	0	0	5	6100-9200	P

Numerical and other references are listed on pages 279 through 282.

10. NEUROLOGY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance
				Number	Neeropy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Boston City	F. C. A. Romanul	18	300	21	76	3,759	4	4	4	0	0	12	6600-8100	O
Boston University Affiliated Hospitals	N. Geschwind	8	120	5	20	619	6	6	6	1	1	20	6600-10000	O
Veterans Admin. (Jamaica Plain)		117	803	37	54	675							6600-12000	O
Children's Hospital Medical Center-Peter Bent Brigham	C.F. Barlow						4	4	3	0	0	11		
Children's Hospital Medical Center	C. F. Barlow	13	591	10	100	1,506							6000-7000	O
Peter Bent Brigham	H.R. Tyler	8	325	13	69	893							6000-7000	P
Massachusetts General	R. D. Adams	49	1,272+	78	64		6	6	4	0	0	16	6600-10000	O
New England Medical Center Hospitals	J. F. Sullivan	13	535	7	71	1,461	5	3	1	0	0	9	6600-9000	O
St. Elizabeth's Hospital of Boston	R. Flynn	5	180	15	40	360							6600-6600	P
<b>MICHIGAN</b>														
<b>Ann Arbor</b>														
University of Michigan Affiliated Hospitals	R.N. De Jong						4	4	4	1	0	13		
University	R. N. De Jong	26	613	17	88	7,053							5000-6000	O
Veterans Admin.	E. R. Feringa	21	329	29	93	496							4830-8550	O
<b>Allen Park</b>														
Veterans Admin. - See Wayne State University Affiliated Hospitals, Detroit														
<b>Detroit</b>														
Henry Ford	L. D. Proctor	10	289	5	0	6,159	1	1	1	0	0	3	6180-6780	P
Wayne State University Affiliated Hospitals	J.S. Meyer						6	6	4	1	1	18		
Veterans Admin. (Allen Park)	J. S. Meyer	32	404	34	59	617							4830-8550	O
Detroit General	J. S. Meyer	14	368	137	58	6,721							6500-12000	P
Detroit Memorial	J. T. Mc Henry	7	244	15	33	165							5420-6420	P
Harper	J. S. Meyer	18	396	27	56	990							5500-6500	P
Lafayette Clinic	E. A. Rodin	16	148	0	0	579								O
<b>MINNESOTA</b>														
<b>Minneapolis</b>														
University of Minnesota Affiliated Hospitals	A. B. Baker						8	8	8	2	0	26		
Hennepin County General	M.G. Ettinger	19	709	80	58	2,514							5000-7000	P
University of Minnesota Hospitals	A. B. Baker	28	746	17	59	1,836							5500-8000	O
Veterans Admin.	M. Alter	82	623	19	100	1,476							5000-13507	O
St. Paul-Ramsey, (St. Paul)	R. J. Gummit	17	576	59	59	3,159							5420-6420	O
Veterans Admin.	M. Alter	82	623	19	100	1,476	1	1	1	0	1	4	5000-13507	O
<b>Rochester</b>														
Mayo Graduate School of Medicine	D. W. Mulder	65	5,186	43	79	36,004	10	10	10	2	2	34	5400-7000	P
Rochester Methodist														
St. Mary's														
<b>St. Paul</b>														
St. Paul-Ramsey - See University of Minnesota Affiliated Hosps, Minneapolis														
<b>MISSISSIPPI</b>														
<b>Jackson</b>														
University of Mississippi Medical Center	R. D. Currier						2	1	1	0	0	4		
University		7	228	18	56	1,270							6000-7000	O
Veterans Admin. Center		16	209	32	69	120							4830-6750	O
<b>MISSOURI</b>														
<b>Kansas City</b>														
Kansas City General Hospital and Medical Center	C. Poser	13	270	57	40	2,862	3	3	2	2	0	9	5985-7875	FP
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas														
<b>St. Louis</b>														
Barnes Hospital Group	J. O'Leary	39	2,833	192	61	8,423	7	4	4	0	0	15	5400-6000	O
St. Louis University Group of Hospitals	R. M. Woolsey	12	463	6	100	3,909	2	2	2	0	0	6	6600-7800	O
<b>NEBRASKA</b>														
<b>Omaha</b>														
University of Nebraska Affiliated Hospitals	W. J. Friedlaner						3	3	3	0	0	9		
University of Nebraska														
Douglas County														
Veterans Admin.		30	407	38	61	379								
<b>NEW JERSEY</b>														
<b>East Orange</b>														
Veterans Admin.	W. O. Howard	164	1,560	133	69	424	6	6	6	0	0	18	6800-13507	P
<b>NEW MEXICO</b>														
<b>Albuquerque</b>														
University of New Mexico Affiliated Hospitals	A. H. Greenhouse						3	3	3	0	0	9		
Bernalillo County Medical Center	A. H. Greenhouse	60	750			1,500							6060-6500	P
Veterans Admin.	J. Bicknell	30	678	19	79	576							6310-6750	O
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical College Affiliated Hospitals	D. Green						3	3	2	0	0	8		
Albany Medical Center		19	698	21	52	588							6600-8700	P
Veterans Admin.		21	334	18	89	420							4830-6750	O
<b>Buffalo</b>														
Edward J. Meyer Memorial	B. H. Smith	25	660	36	58	2,966	2	2	2	1	0	7	5550-7260	P

## 10. NEUROLOGY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>New York City</b>													
Albert Einstein College of Medicine						10*	10	8	2	0	30†		
Affiliated Hospitals												4980-6000	F
Bronx Municipal Hospital Center	53	1,188	158	37	3,414								
Montefiore Hospital and Medical Center	32	498	63	25	3,603								
Hospital of the Albert Einstein College of Medicine		264‡	20	55	1,661							4980-8000	F
Cornell Cooperating Hospitals						5	5	1	1	0	12		
New York Memorial Hospital for Cancer and Allied Diseases-James Ewing	26	572	47	74								6000-8500	P
Mount Sinai Hospital Training Program						7	6	9	0	0	22		
Mount Sinai	110	1,726	127	33	2,500							6000-8000	P
City Hospital Center at Elmhurst	29	436	133	24	2,852							6300-7800	F
New York Medical College-Metropolitan Hospital Center						2	5	2	1	0	10		
Unit I - Flower and Fifth Avenue Hospitals	3	96	2		942							4980-6930	F
Unit 2 - Metropolitan	35	467	39	50	1,946							4980-6000	F
Unit 3 Bird S. Coler Memorial Hospital and Home	20	16	4	25	0							4980-6000	F
New York University - Bellevue Medical Center													
University	24	607	25	32								7440-8680	P
Bellevue Hospital Center	40	188	76	50	2,500							4980-5780	P
Veterans Admin. (Manhattan)	74	483	52	36								7090-7890	O
Presbyterian	152	3,565	116	41	16,484	5	5	4	0	0	14	6000-8500	O
State University-Kings County Medical Center						2	2	2	0	0	6		
State University		11‡			1,000							6690-8110	O
Kings County Hospital Center	22	236	27	20	1,882							4980-5780	P
Veterans Admin. (Bronx)	55	329	25	36	5,750	3	2	2	0	0	7	7090-13453	O
<b>Rochester</b>													
Strong Memorial Hospital of the University of Rochester	15	306	17	76	2,927	2	2	2	0	0	6	5500-8500	P
<b>Syracuse</b>													
S.U.N.Y. Upstate Medical Center	35	685	22	40	2,522	2	2	2	1	0	7	6600-7500	O
Veterans Admin.	27	408	8	38	1,217							5050-6750	O
<b>NORTH CAROLINA</b>													
<b>Chapel Hill</b>													
North Carolina Memorial	13	481	26	54	1,868	2	2	2	0	0	6	5000-8000	O
<b>Durham</b>													
Duke University Affiliated Hospitals						3	3	2	0	0	8		
Duke University Medical Center	15	465	19	37	1,396							5500-7000	P
Veterans Admin.	20	354	15	33								4610-8230	O
<b>Winston-Salem</b>													
North Carolina Baptist Hospitals	19	794	24	63	988	2	1	1	0	0	4	6000-8000	P
<b>OHIO</b>													
<b>Cincinnati</b>													
University of Cincinnati Hospital Group						2	2	2	0	0	6		
Cincinnati General	20	391	70	50	2,636							5640-6240	P
Veterans Admin.	20	364	23	65								4830-8550	O
<b>Cleveland</b>													
Cleveland Clinic	21	536	18	50	12,812	2	2	2	0	0	6	5400-6200	P
Cleveland Metropolitan General	16	384	26	62	2,411	4	3	3	0	0	10	5800-9200	P
University Hospitals of Cleveland	20	482‡	29	59	2,636	6	6	6	0	0	18	4500-5500	P
Highland View	36	290	21	72	59							5000-6000	P
Veterans Admin.	38	373	30	80	35							7550-8350	P
<b>Columbus</b>													
Ohio State University Hospitals	13	404	25	60	1,775	2	2	2	0	0	6	6000-9000	P
<b>OREGON</b>													
<b>Portland</b>													
Good Samaritan Hospital and Medical Center	12	564	22	77	86	2	2	2	0	0	6	6600-7800	P
University of Oregon Medical School Hospitals and Clinics	5	149	3	66	1,922	2	2	2	0	0	6	4200-6000	FP
Veterans Admin.	30	308	11	64	500							4610-8230	P
<b>PENNSYLVANIA</b>													
<b>Philadelphia</b>													
Hospital of the University of Pennsylvania	33	650	28	61	3,175	6	5	4	0	0	15	6000-8000	P
Jefferson Medical College <sup>296</sup>	28	532	14	64	2,038	3	3	4	0	0	10	6000-7000	O
Pennsylvania	16	474	33	51	1,325	2	2	2	0	0	6	5300-7500	O
Temple University Affiliated Hospitals						3	3	2	0	0	8		
Philadelphia General, Div. B	155	729	161	35	4,203							5800-6700	O
St. Christopher's Hospital for Children													
Temple University	10	217	32	56	1,272							5000-6200	P
<b>PUERTO RICO</b>													
<b>San Juan</b>													
University District	9	311	30	90	3,633	3	2	2	1	0	8	5700-6600	P
<b>SOUTH CAROLINA</b>													
<b>Charleston</b>													
Medical Center Hospitals													
Medical College	13	414‡	6	66	1,633	3	3	3	0	0	9	4380-8000	P

Numerical and other references are listed on pages 279 through 282.

10. NEUROLOGY — Continued

State	City	Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-Tenure
						Number	Neerpsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>TENNESSEE</b>																
<b>Memphis</b>																
		University of Tennessee Affiliated Hospitals	R. A. Utterback	...	...	...	...	...	3	3	3	0	0	9	...	...
		City of Memphis Hospitals		22	419	55	57	2,215	...	...	...	...	...	...	5016-6138	O
		Veterans Admin.		17	171	9	100	166	...	...	...	...	...	...	7160-14409	O
<b>TEXAS</b>																
<b>Dallas</b>																
		University of Texas Southwestern Medical School Affiliated Hospitals	D. D. Daly	...	...	...	...	...	3	3	3	0	0	9	5160-5820	P
		Parkland Memorial	D. D. Daly	4	140	7	14	1,196	...	...	...	...	...	...	...	...
		Children's Medical Center		...	...	...	...	...	...	...	...	...	...	...	...	...
		Veterans Admin.	L. M. Pence	31	282	6	83	405	...	...	...	...	...	...	4830-6750	P
<b>Houston</b>																
		Baylor University Affiliated Hospitals	J. W. Crawley	...	...	...	...	...	3	3	3	0	0	9	5100-5962	P
		Ben Taub General		8	135	42	38	3,640	...	...	...	...	...	...	...	...
		Methodist		10	339	4	75	3,520	...	...	...	...	...	...	...	...
		Veterans Admin.		61	4440	58	53	2,561	...	...	...	...	...	...	...	...
<b>UTAH</b>																
<b>Salt Lake City</b>																
		University of Utah Affiliated Hospitals	L. W. Jarcho	...	...	...	...	...	3	3	2	0	0	8	...	...
		University	L. W. Jarcho	12	475	18	72	2,301	...	...	...	...	...	...	5700-8500	P
		Veterans Admin.	E. T. Ajax	36	237	20	70	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>																
<b>Burlington</b>																
		Medical Center Hospital of Vermont	H. L. Martin	20	701	21	76	1,135	2	1	1	0	0	4	6600-7800	O
<b>VIRGINIA</b>																
<b>Charlottesville</b>																
		University of Virginia	T. R. Johns	22	718	25	60	3,929	4	4	4	2	0	14	6000-7500	O
<b>Richmond</b>																
		Medical College of Virginia Affiliated Hospitals	C. G. Suter	...	...	...	...	...	3	3	3	1	0	10	...	...
		Medical College of Virginia-Hospital Division		40	771	118	45	4,472	...	...	...	...	...	...	4800-6000	P
		Veterans Admin.		54	242	7	71	201	...	...	...	...	...	...	4830-13507	P
<b>WASHINGTON</b>																
<b>Seattle</b>																
		University of Washington Affiliated Hospitals <sup>315</sup>	P. D. Swanson	...	...	...	...	...	3	3	2	0	0	8	...	...
		King County	P. D. Swanson	12	422	33	61	1,221	...	...	...	...	...	...	6000-7500	P
		University	P. D. Swanson	6	342 <sup>†</sup>	13	69	2,078	...	...	...	...	...	...	6000-7500	P
		Veterans Admin.	H. Leffman	20	309	7	57	140	...	...	...	...	...	...	5500-8460	P
<b>WEST VIRGINIA</b>																
<b>Morgantown</b>																
		West Virginia University Medical Center	H. G. Thompson	18	481	9	55	1,999	3	3	3	0	0	9 <sup>†</sup>	7000-...	O
<b>WISCONSIN</b>																
<b>Madison</b>																
		University of Wisconsin Affiliated Hospitals	F. F. Forster	...	...	...	...	...	4	4	5	0	0	13 <sup>†</sup>	...	...
		University Hospitals	F. F. Forster	26	685	1	...	5,213	...	...	...	...	...	...	4600-7150	P
		Veterans Admin.	B. Messert	31	358	20	80	230	...	...	...	...	...	...	4830-6750	P
<b>Milwaukee</b>																
		Marquette University Affiliated Hospitals	P. T. White	...	...	...	...	...	2	2	2	0	0	6	...	...
		Milwaukee County General	P. T. White	16	342 <sup>†</sup>	23	48	1,448	...	...	...	...	...	...	5200-7000	P
		Milwaukee Children's	P. T. White	...	150	0	0	38	...	...	...	...	...	...	...	...
		Veterans Admin. Center (Wood)	E. W. Niles	76	429	8	75	679	...	...	...	...	...	...	7200-10600	P

Residency programs in the following hospitals have been approved for TWO years of training by the Council on Medical Education and the American Board of Psychiatry and Neurology through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level.) Programs, 3; Residencies, 12

NONFEDERAL AND VETERANS ADMINISTRATION

<b>ARKANSAS</b>																
<b>Little Rock</b>																
		University of Arkansas Medical Center	D. Lucy	...	...	...	...	...	2	2	0	0	0	4	...	...
		University		5	151	14	43	1,162	...	...	...	...	...	...	4900-5500	O
		Veterans Admin. Consolidated		12	192	2	50	1,735	...	...	...	...	...	...	4830-6750	P
<b>NEW YORK</b>																
<b>New York City</b>																
		St. Vincent's Hospital and Medical Center of New York	J. Chusid	29	409	79	35	1,609	2	2	0	0	0	4	5500-6000	P
<b>PENNSYLVANIA</b>																
<b>Coatesville</b>																
		Veterans Admin.	R. A. Farmer	72	339	24	83	197	...	...	...	...	...	6	4610-12873	O
<b>TEXAS</b>																
<b>Galveston</b>																
		University of Texas Medical Branch Hospitals	J. R. Calverley	22	427	14	57	2,091	1	1	0	0	0	2	6500-7000	P

APPROVED RESIDENCIES

10. NEUROLOGY — Continued

Residency programs in the following hospitals have been approved for ONE year of training by the Council on Medical Education and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level.) Programs, 5; Residencies, 11

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Neurosy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>														
<b>MARYLAND</b>														
National Institutes of Health-Clinical Center, Bethesda														
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Children's Hospital of the District of Columbia	R. Paine	8	603	4	75	2,568	2	0	0	0	0	2	6000-7000	P
<b>ILLINOIS</b>														
<b>Chicago</b>														
Northwestern University Medical Center		18	595†	8	62	1,751	2	2	2	0	0	6†	7500-10000	O
Children's Memorial	J.G. Millichap													
<b>PENNSYLVANIA</b>														
<b>Philadelphia</b>														
Children's Hospital of Philadelphia	C. Kennedy	8	140	4	100	395	1	1	1	0	0	3	8000-8600	O

11. OBSTETRICS—GYNECOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Obstetrics and Gynecology and the American College of Obstetricians and Gynecologists through the Residency Review Committee for Obstetrics—Gynecology, as offering full training in the specialty. Programs, 353; Residencies, 3,024

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of App- roved Pre- gram (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Neurosy Per cent			1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES AIR FORCE</b>															
<b>CALIFORNIA</b>															
David Grant U.S.A.F., Fairfield	J.Wesp	29	1,720	1	100	51,896	4	2	2	2	2	0	8		
<b>MISSISSIPPI</b>															
U. S. Air Force, Biloxi	E. H. Currie	24	1,818	1	100	26,610	4	2	2	2	2	0	8		
<b>TEXAS</b>															
Wilford Hall U.S.A.F., San Antonio	C. E. Gibbs	52	3,140	9	100	37,544	4	2	2	2	2	0	8		
<b>UNITED STATES ARMY</b>															
<b>CALIFORNIA</b>															
Letterman General, San Francisco	F.J. Shannon	26	1,621	5	80	35,187	4	0	2	2	2	0	6		
<b>COLORADO</b>															
Fitzsimons General, Denver <sup>137</sup>	G. P. Foley	38	2,789	1	0	31,117	4	0	2	2	2	0	6		
<b>DISTRICT OF COLUMBIA</b>															
Walter Reed General, Washington	E.A.Zimmermann	58	2,361	6	50	34,180	4	0	3	3	3	0	9		
<b>HAWAII</b>															
Tripler General, Honolulu	J. A. Austin	53	5,035	1	100	44,710	4	0	3	3	3	0	9		
<b>TEXAS</b>															
William Beaumont General, El Paso	J. W. Pearson	40	3,194	2	100	53,438	4	0	3	3	3	0	9		
R. E. Thomason General, El Paso	H. Jacobs	18	1,508	7	71	2,792									
Brooke General, San Antonio	J. P. Perrine	33	2,386	8	75	36,501	4	0	2	2	2	0	6		
<b>WASHINGTON</b>															
Madigan General, Tacoma	J. L. Gibson	39	3,360	3	67	49,209	4	0	3	3	3	0	9		
<b>UNITED STATES NAVY</b>															
<b>CALIFORNIA</b>															
U. S. Naval, Oakland	J.P.Semmens	34	2,685	5	60	29,160	3	2	2	2	0	0	6		
U. S. Naval, San Diego	T. B. Leberherz	66	5,912	20	95	67,732	3	3	3	3	0	0	9		
<b>ILLINOIS</b>															
U.S. Naval, Great Lakes	R.C.Drips	23	2,064	3	66	30,287	3	1	1	1	0	0	3		
<b>MARYLAND</b>															
U. S. Naval, Bethesda	W. Lonergan	46	2,701	4	100	36,728	3	2	2	3	0	0	7		
<b>MASSACHUSETTS</b>															
U. S. Naval, Chelsea	R. K. Barton	24	1,418	2	100	18,345	3	1	1	1	0	0	3		

Numerical and other references are listed on pages 279 through 282.

# APPROVED RESIDENCIES

## 11. OBSTETRICS — GYNECOLOGY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Main-tenance O-U-F
				Number	Neerpsy Per cent	Outpatient Visits	Length of Ap-proved Pro-gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>NEW YORK</b>															
U. S. Naval, St. Albans	P. E. Golden	22	1,509	4	75	17,413	3	1	1	1	0	0	3	.....	...
<b>PENNSYLVANIA</b>															
U. S. Naval, Philadelphia	D. P. Bernard	29	1,926	4	50	21,338	3	2	1	1	0	0	4	.....	...
<b>VIRGINIA</b>															
U. S. Naval, Portsmouth	F. Ostapowicz	75	6,405	8	88	45,842	3	3	2	3	0	0	8	.....	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>LOUISIANA</b>															
U. S. Public Health Service, New Orleans <sup>188</sup>	A. D. Landry	19	1,223	1	0	13,027	3	1	1	1	0	0	3	.....	...
<b>OTHER FEDERAL</b>															
<b>CANAL ZONE</b>															
Gorgas, Balboa Heights	A. Sholk	31	2,014	5	75	16,519	3	1	1	1	0	0	3	8705-10364	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ALABAMA</b>															
<b>Birmingham</b>															
Carraway Methodist	T.M. Boulware	32	2,130 <sup>†</sup>	1	100	14,788	3	1	1	1	0	0	3	6600-8400	P
University of Alabama Medical Center	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
University of Alabama Hospitals and Clinics	C. E. Flowers, Jr.	53	4,748	11	33	12,364	3	3	3	3	0	0	9	6240-7440	P
<b>Fairfield</b>															
Lloyd Noland	J.P. Hardy	19	1,334	2	0	16,193	3	1	1	1	0	0	3	6900-8100	FP
<b>Mobile</b>															
Mobile General	O.M. Otts	40	3,462	18	5	13,219	3	2	2	2	0	0	6	6840-8040	P
<b>ARIZONA</b>															
<b>Phoenix</b>															
Good Samaritan	E. Sattenspiel	69	4,843	9	58	4,954	3	2	2	2	0	0	6	7800-9000	F
Maricopa County General	W. Crisp	38	3,728	6	33	4,716	3	2	2	2	0	0	6	8484-9984	P
St. Joseph's	R.J. Jennett	61	5,176	0	0	3,583	3	2	2	2	0	0	6	6000-7200	F
<b>ARKANSAS</b>															
<b>Little Rock</b>															
University	W.E. Brown	50	3,672	10	20	15,157	3	3	3	3	0	0	12	4900-6500	O
<b>CALIFORNIA</b>															
<b>Bakersfield</b>															
Kern County General	R.L. Wilkening	23	1,831 <sup>†</sup>	9	77	14,267	3	2	2	2	0	0	6	7500-8700	P
<b>Fresno</b>															
Fresno General	H. Tieche	30	3,114	7	86	12,240	3	2	2	2	0	0	6	8136-9564	P
<b>Glendale</b>															
Glendale Adventist	J. B. Brown	31	2,664	2	50	6,426	3	1	1	1	0	0	3	7080-7740	P
<b>Loma Linda</b>															
Loma Linda University Affiliated Hospitals	E.E. Nichols	.....	.....	.....	.....	.....	3	2	2	2	0	0	6	.....	.....
Loma Linda University	E.E. Nichols	16	1,170 <sup>†</sup>	6	83	2,745	.....	.....	.....	.....	.....	.....	.....	6198-7260	FP
Riverside General (Riverside)	W. W. Brown	23	1,550	5	80	8,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Long Beach</b>															
Memorial Hospital of Long Beach	W.F. Zahn	75	5,849	12	8	5,841	3	1	1	1	0	0	3	6000-7200	P
<b>Los Angeles</b>															
California <sup>16</sup>	K. P. Russell	37	2,977	1	100	3,475	3	2	2	2	0	0	6	6900-8100	F
Cedars-Sinai Medical Center	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cedars of Lebanon Hospital	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Division <sup>17</sup>	A. Heldfond	21	3,274	.....	.....	.....	3	2	2	2	0	0	6	6000-7200	P
Hollywood Presbyterian	E. A. Pearson	24	2,253	1	100	3,380	3	2	2	2	0	0	6	7200-8400	P
Kaiser Foundation	T. H. Baker	51	4,375	6	33	77,734	3	4	4	4	0	0	12	6300-7500	P
Los Angeles County-U.S.C. Medical Center	G. Anderson	170	20,991	129	38	41,979	4	6	6	6	6	0	24	7632-9528	P
Queen of Angels	C. Von Der Ahe	40	4,090	7	57	5,544	3	2	2	2	0	0	6	6000-7200	F
U. C. L. A.	J. Moore	34	3,011	6	50	13,865	4	4	3	3	2	0	11	5400-8600	O
White Memorial Medical Center	S. Zerne	32	2,889	13	62	17,973	3	3	3	3	0	0	9	6660-7860	P
<b>Oakland</b>															
Highland General	W. Footer	25	2,719	4	100	12,320	3	3	3	3	0	0	9	7200-8400	P
Kaiser Foundation	S. Thomas	37	3,556	6	50	37,157	3	3	3	3	0	0	9	7500-8700	FP
<b>Orange</b>															
Orange County Medical Center	J. Mc Clure	31	3,244	5	80	18,366	3	3	3	3	0	0	9	7296-8580	P
<b>Palo Alto</b>															
Stanford Medical Center and Affiliated Hospitals	C.E. Mc Lennan	.....	.....	.....	.....	.....	3	5	5	5	0	0	15	.....	.....
Palo Alto-Stanford Hospital Center	C.E. Mc Lennan	46	4,153 <sup>†</sup>	4	50	11,035	.....	.....	.....	.....	.....	.....	.....	5700-6600	P
San Mateo County General (San Mateo)	J. C. Mc Dermott	13	1,033	1	0	7,054	.....	.....	.....	.....	.....	.....	.....	5796-7104	F
Kaiser Foundation (Santa Clara)	J. C. Portnuff	40	3,812	2	50	48,830	.....	.....	.....	.....	.....	.....	.....	7200-9360	O
<b>Riverside</b>															
Riverside General - See Loma Linda University Affiliated Hospitals, Loma Linda	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>San Bernardino</b>															
San Bernardino County General	R. W. Moyce	24	2,148	6	50	11,436	3	1	1	1	0	0	3	5700-7800	F
<b>San Diego</b>															
Mercy <sup>127</sup>	J. F. Wanless	48	4,618	7	43	22,610	3	2	2	2	0	0	6	4980-6780	F
University Hospital of San Diego	P. Martin	23	1,839	4	75	6,075	3	2	2	2	0	0	6	5200-6500	P
<b>San Francisco</b>															
Kaiser Foundation <sup>17</sup>	H. B. Nelson	42	4,358	3	66	46,904	3	3	3	3	0	0	9	7200-8400	P
Mount Zion Hospital and Medical Center	J. Kerner	.....	.....	0	0	4,447	3	1	1	1	0	0	3	7500-9300	P
St. Luke's	J. P. Shively	40	2,184	2	50	5,430	3	1	1	1	0	0	3	7800-9000	O

APPROVED RESIDENCIES

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>CALIFORNIA, San Francisco—Continued</b>															
University of California Program	E. W. Page	...	...	...	...	4	3	3	3	3	0	12	...	...	
Children's Hospital and Adult Medical Center	G. Webb	39	3,266	6	50	5,685	...	...	...	...	...	...	7800-9600	P	
H. C. Moffitt-University of California Hospitals	E. W. Page	47	3,121	6	67	22,217	...	...	...	...	...	...	5200-8652	O	
Pacific Medical Center-Presbyterian San Francisco General	G. Webb	22	1,717	0	0	3,559	...	...	...	...	...	...	6600-8100	O	
	E. Page, R. W. Smith	30	2,214	6	83	11,408	...	...	...	...	...	...	4692-8652	P	
<b>San Jose</b>															
Santa Clara Valley Medical Center	L. B. Magoon	24	2,437	7	57	15,179	3	3	3	0	0	9	7238-8361	F	
San Jose Hospital and Health Center	L. P. Fox	37	4,403	1	0	0	...	...	...	...	...	...	...	...	
<b>San Mateo</b>															
San Mateo County General - See Stanford Med. Center and Affiliated Hospitals, Palo Alto															
<b>Santa Clara</b>															
Kaiser Foundation - See Stanford Med Center and Affil. Hospitals, Palo Alto															
<b>Stockton</b>															
San Joaquin General	D. Harrington	21	2,173	3	33	16,509	3	2	2	2	0	0	6	6288-10464	F
<b>Torrance</b>															
Los Angeles County Harbor General	D. Mishell	50	4,926	17	79	12,527	4	4	4	3	3	0	14	7632-9528	P
<b>COLORADO</b>															
<b>Denver</b>															
General Rose Memorial	W.E. Cooper	...	3,257	1	100	2,898	3	1	1	1	0	0	3	6600-7140	P
Presbyterian Medical Center	M. C. Waddell	43	2,857	4	75	4,670	3	2	1	1	0	0	4	6000-6900	P
St. Joseph's	C. H. Alexander	64	4,898	2	...	5,802	3	1	1	1	0	0	3	5520-6420	P
University of Colorado Medical Center - Denver General	E. S. Taylor	...	...	...	...	...	3	6	6	6	0	0	18	...	...
University of Colorado Medical Center	E. S. Taylor	38	4,981	8	58	28,132	...	...	...	...	...	...	...	4500-5500	O
Denver General	H. E. Thompson	34	2,679	6	33	11,600	...	...	...	...	...	...	...	4800-5738	P
<b>CONNECTICUT</b>															
<b>Bridgeport</b>															
Bridgeport	J. R. Lyddy	41	3,982	2	100	3,944	3	1	1	1	0	0	3	5400-7500	FP
St. Vincent's	H. S. Eckels	41	3,910	...	...	1,664	4	1	1	1	1	0	4	5700-6600	P
<b>Hartford</b>															
Hartford	R.C. Burchell	110	7,877	10	60	7,749	3	3	3	3	0	0	9	7000-8500	P
St. Francis	F. Marino	86	1,970	8	38	7,620	3	2	2	2	0	0	6	4500-5100	F
<b>New Britain</b>															
New Britain General	R. C. Wright	38	3,940	0	0	1,477	3	1	1	1	0	0	3	6300-6900	P
<b>New Haven</b>															
Hospital of St. Raphael	D. F. Conway	42	3,631	1	100	1,710	3	2	2	2	0	0	6	5400-8220	P
Yale-New Haven Medical Center	E. J. Quilligan	87	2,269	11	27	18,352	3	4	4	4	2	0	14	6600-9100	P
Yale-New Haven	E. J. Quilligan	87	2,269	11	27	18,352	3	4	4	4	2	0	14	6600-9100	P
<b>New London</b>															
Lawrence and Memorial Hospitals	J.T. Murray	41	3,320	3	33	1,479	3	1	1	1	0	0	3	5400-6000	F
<b>Stamford</b>															
Stamford	J. Farrell	34	2,018	2	50	3,947	3	1	1	1	0	0	3	5800-6700	P
<b>DELAWARE</b>															
<b>Wilmington</b>															
Wilmington Medical Center	R. Hayden	121	10,689	3	100	7,903	...	...	...	...	...	...	...	...	
Delaware Division	...	39	3,531	1	100	3,599	3	...	...	...	...	...	...	6000-7200	P
Wilmington General Division	...	58	5,109	1	100	4,304	3	4	4	4	0	0	12	6000-7200	P
<b>DISTRICT OF COLUMBIA</b>															
<b>Washington</b>															
Freedmen's	J. F. Clark	64	4,826	18	33	5,551	4	...	...	...	...	...	14	7300-10000	O
District of Columbia General (Howard University Service)	P. D. Bruns	80	7,328	18	61	15,093	...	...	...	...	...	...	...	6500-8500	P
Georgetown University <sup>149</sup>	P. D. Bruns	50	3,722	4	75	5,329	3	3	3	3	0	0	9	7000-8500	P
George Washington University	J. G. Sites	...	...	...	...	...	3	7	7	7	0	0	21	...	...
Affiliated Hospitals	J. G. Sites	68	5,009	14	29	2,539	...	...	...	...	...	...	...	7016-8018	P
George Washington University	A. I. Robbins	120	9,710	8	75	10,992	...	...	...	...	...	...	...	7016-8018	P
Columbia Hospital for Women	P. Soyster	60	5,728	2	50	1,439	...	...	...	...	...	...	...	7016-8018	P
Fairfax (Falls Church, Va.)	J. S. Harrington	52	4,586	2	100	3,425	3	2	2	2	0	0	6	7800-9600	FP
Providence	C.K. Fraser	80	6,292	4	100	8,412	4	2	2	3	3	0	10	8200-8500	P
Washington Hospital Center	C.K. Fraser	80	6,292	4	100	8,412	4	2	2	3	3	0	10	8200-8500	P
<b>FLORIDA</b>															
<b>Fort Lauderdale</b>															
Broward General	J. L. Rinella	52	4,527	3	66	2,377	3	1	1	1	0	0	3	6000-7200	P
<b>Gainesville</b>															
William A. Shands Teaching Hosp. and Clinics	H. Prystowsky	43	3,640	8	100	15,740	4	3	3	3	3	0	12	6000-7000	P
<b>Jacksonville</b>															
Jacksonville Hospitals Educational Program	M. Suter	...	...	...	...	...	3	5	5	5	0	0	15	...	...
Baptist Memorial	R. M. Mein	50	4,261	7	43	1,853	...	...	...	...	...	...	...	5700-6900	P
Duval Medical Center	R. W. Mc Dowell	32	3,599	7	71	26,682	...	...	...	...	...	...	...	7200-8400	P
St. Luke's	R. Mc Dowell	30	2,400	3	100	2,360	...	...	...	...	...	...	...	6300-6800	P
St. Vincent's	W. J. Phelan	48	3,754	3	100	4,341	...	...	...	...	...	...	...	6000-6300	P
<b>Miami</b>															
Jackson Memorial	W. A. Little	130	7,339	16	60	16,635	4	5	5	5	5	0	20	5693-6890	P
<b>Miami Beach</b>															
Mount Sinai Hospital of Greater Miami	H. Kraff	33	2,668	4	100	5,033	3	1	1	1	0	0	3	6800-7800	P
<b>Orlando</b>															
Orange Memorial	R. M. Bleakney	69	5,912	3	0	5,225	3	2	2	2	0	0	6	6300-6900	P
<b>Pensacola</b>															
Pensacola Educational Program	J. W. Douglas	...	...	...	...	...	3	2	2	2	0	0	6	7320-8820	P
Baptist	...	43	3,009	9	55	738	...	...	...	...	...	...	...	...	
Escambia General	...	19	1,979	5	60	7,800	...	...	...	...	...	...	...	...	
Sacred Heart	...	26	983	0	0	0	...	...	...	...	...	...	...	...	

Numerical and other references are listed on pages 279 through 282.

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary Per Year Min.-Max.	Main-tenance O	
			Number	Neerpsy Per cent	Outpatient Visits	Length of Ap-proved Pro-gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years			
<b>FLORIDA—Continued</b>															
<b>St. Petersburg</b>															
Mound Park	E. Pollard	50	3,827	9	1	10,710	3	1	1	1	0	0	3	6300-6900	P
<b>Tampa</b>															
Tampa General	R. Withers	70	5,999	45	47	8,845	3	2	2	2	0	0	6	5400-6600	FP
<b>GEORGIA</b>															
<b>Atlanta</b>															
Crawford W. Long Memorial	E. G. Bowen	77	3,717	7	57	5,598	3	4	2	2	0	0	8	5880-6600	O
Georgia Baptist	R. M. Sealey	85	7,118	3	67	3,817	3	2	2	2	0	0	6	6000-6500	P
Grady Memorial	J. D. Thompson	146	9,058	9	100	41,204	3	10	8	8	0	0	26	5700-6900	P
St. Joseph's Infirmary	S. P. Weinberg	29	2,132½	3	33	4,061	3	1	1	1	0	0	3	6180-6540	P
<b>Augusta</b>															
Medical College of Georgia Hospitals	W. A. Scoggin	...	...	...	...	...	4	4	4	4	4	0	16	...	...
Eugene Talmadge Memorial	W. A. Scoggin	53	2,110	10	83	10,954	...	...	...	...	...	...	...	4800-6600	P
University	W. G. Watson	43	3,488	2	0	2,155	...	...	...	...	...	...	...	...	...
<b>Macon</b>															
Macon <sup>167</sup>	G. W. Jackson	67	5,067	14	35	10,086	3	2	2	2	0	0	6	7800-9000	F
<b>Savannah</b>															
Memorial Medical Center <sup>167</sup>	J. H. Angell	28	2,384½	8	25	8,119	3	1	1	1	0	0	3	5100-6000	F
<b>HAWAII</b>															
<b>Honolulu</b>															
Kapiolani Maternity and Gynecological Hospital-Queen's-St. Francis	J.A. Krieger	...	...	...	...	...	3	3	3	3	0	0	9	7800-9000	O
Kapiolani Maternity and Gynecological	...	67	6,593	3	0	5,170	...	...	...	...	...	...	...	...	...
Queen's	...	32	2,838	10	30	5,169	...	...	...	...	...	...	...	...	...
St. Francis	...	17	1,782	0	0	2,086	...	...	...	...	...	...	...	...	...
<b>ILLINOIS</b>															
<b>Berwyn</b>															
Mac Neal Memorial	D. M. Farley	52	3,656	4	50	1,752	3	1	1	1	0	0	3	6000-7200	FP
<b>Chicago</b>															
Chicago Medical School Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Medical Center of Chicago	M. Wacker	45	3,014	6	100	6,407	3	2	2	2	0	0	6	6000-7000	P
Cook County <sup>17</sup>	A. F. Lash	242	28,785	96	62	26,940	3	8	8	8	3	0	27	5400-7800	F
Illinois Masonic	J.G.Masterson	42	3,115	3	67	6,240	4	1	1	1	1	0	4	7200-8400	FP
Mercy Hospital and Medical Center	C. J. Smith	43	2,864	19	42	4,237	3	2	2	2	0	0	6	5700-6300	P
Michael Reese Hospital and Medical Center	E. Friedman	86	5,611	23	33	17,950	4	4	4	4	4	0	16	5800-8400	P
Northwestern University Medical Center	D. N. Danforth	...	...	...	...	5,495	...	...	...	...	...	...	...	...	...
Chicago Wesley Memorial	D. N. Danforth	58	3,525	9	66	1,731	4	2	2	2	2	0	8	6000-7500	P
Chicago Maternity Center	B.E.Tucker	...	...	...	...	11,861	...	...	...	...	...	...	...	5640-5640	...
Passavant Memorial	J. Brewer	48	2,494	9	66	635	3	2	2	2	0	0	6	6000-7500	P
Evanston (Evanston)	T. W. Mc Elin	46	3,286	3	66	3,090	4	1	1	1	1	0	4	6000-7500	P
Presbyterian-St. Luke's	H. Boysen	80	4,884	0	0	19,982	3	3	3	3	0	0	9	6000-7000	P
St. Joseph	D. M. Fahrenbach	54	3,650	9	67	4,701	3	2	2	2	0	0	6	6300-7440	F
University of Chicago Hospitals and Clinics	F. P. Zuspan	83	5,134	15	73	29,608	3	5	5	5	5	0	20	6000-7500	O
University of Illinois Research and Educational Hospitals	R. M. Wynn	58	3,674	15	70	24,453	3	3	3	3	0	0	9	5400-6200	P
<b>Evanston</b>															
Evanston - See Northwestern University Medical Center, Chicago	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Francis	J.H. Isaacs	44	3,009	13	54	3,184	3	1	1	1	0	0	3	6780-7140	FP
<b>Evergreen Park</b>															
Little Company of Mary	F. C. Lawler	66	5,734	2	50	745	3	3	3	3	0	0	9	7200-7800	P
<b>Oak Park</b>															
West Suburban <sup>181</sup>	R.C.Muehrcke	46	3,101½	0	0	478	4	2	2	2	2	0	8	5800-7600	O
<b>Peoria</b>															
St. Francis	P.Couri	58	4,123	6	100	2,335	3	1	1	1	0	0	3	5400-6000	F
<b>INDIANA</b>															
<b>Indianapolis</b>															
Indiana University Medical Center	C.P.Huber	...	...	...	...	...	4	4	4	4	4	0	16	...	...
Indiana University Hospitals	C.P.Huber	53	3,515	23	30	8,147	...	...	...	...	...	...	...	5100-6600	P
Marion County General	C. Gillespie	45	3,160	8	60	15,397	...	...	...	...	...	...	...	5764-8000	P
Methodist Hospital of Indiana	R. Rice	50	4,853	6	75	5,020	4	3	3	3	3	0	12	5880-6780	P
St. Vincent's	P.F.Muller	35	3,117	4	100	2,771	3	1	1	1	0	0	3	6100-7000	P
<b>IOWA</b>															
<b>Iowa City</b>															
University of Iowa Hospitals	W. C. Keettel	119	4,914	12	75	28,944	3	4	4	4	0	0	12	5000-6000	P
<b>KANSAS</b>															
<b>Kansas City</b>															
University of Kansas Medical Center	K. Krantz	32	3,074	10	80	26,359	3	4	4	4	0	0	12	6000-6400	P
<b>Wichita</b>															
St. Francis	L. B. Lueken	55	4,031	2	100	776	3	1	1	1	0	0	3	6614-7217	FP
Sedwick County Hospital and Clinic	L. B. Lueken	5	489	...	...	2,820	...	...	...	...	...	...	...	...	...
<b>KENTUCKY</b>															
<b>Lexington</b>															
University	J. Greene	42	2,023	6	33	9,764	3	4	4	4	4	0	16	4560-6360	P
<b>Louisville</b>															
St. Joseph Infirmary	J. Childers	51	3,637	5	40	4,090	3	1	1	1	0	0	3	6180-7380	P
University of Louisville Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisville General	D. M. Haynes	41	3,284	7	57	8,583	3	3	3	3	0	0	9	5000-5300	P

APPROVED RESIDENCIES

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
			Number	Neeropsy Per cent	Outpatient Visits	1st Year		2nd Year	3rd Year	4th Year	5th Year				
<b>LOUISIANA</b>															
<b>New Orleans</b>															
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisiana State University Division <sup>185</sup>	A. Mickal	149	6,416	23	52	27,539	3	...	...	...	...	...	25	5400-6000	F
Tulane University Division	C. G. Collins	144	6,020	10	40	25,636	3	...	...	...	...	...	18	5400-6000	F
Ochsner Foundation <sup>186</sup>	J. C. Weed	22	1,341	4	75	22,404	3	2	2	2	0	0	6	6500-7500	O
Southern Baptist	J. H. Collins	65	6,638	6	50	2,538	3	2	2	2	0	0	6	6000-7200	P
Touro Infirmary	C. H. Weinberg	84	2,704	...	...	...	4	1	1	1	1	0	4	6191-7712	P
<b>Shreveport</b>															
Confederate Memorial Medical Center	E. E. Dilworth	63	5,517	0	0	15,448	3	3	3	3	0	0	9	5400-6000	F
<b>MARYLAND</b>															
<b>Baltimore</b>															
Baltimore City Hospitals <sup>61</sup>	D. F. Kaltreider	58	4,199	...	...	13,589	3	4	4	4	2	0	14	5000-6500	O
Bon Secours	C.B. Marek	37	3,258	0	0	7,230	3	2	2	2	0	0	6	6600-8400	P
Church Home and Hospital	N.J. Kohlerman	46	4,361	26	54	6,329	3	2	2	2	0	0	6	6600-7200	P
Franklin Square	I. A. Siegel	19	1,430	2	50	4,470	3	1	1	1	0	0	3	5500-6200	F
Greater Baltimore Medical Center <sup>184</sup>	E. S. Diggs	80	5,456	13	39	6,214	4	2	2	2	2	0	8	7000-8500	P
Johns Hopkins <sup>61</sup>	A. C. Barnes	96	6,170 <sup>+</sup>	17	41	27,753	3	4	4	4	4	2	18	5000-...	P
Lutheran Hospital of Maryland	N.Levin J.Shell, Jr.	44	3,412 <sup>+</sup>	2	0	5,595	3	2	2	2	0	0	6	6300-6900	O
Maryland General	T. Kardash	49	3,415	1	100	2,746	3	2	2	2	0	0	6	6100-6300	P
Mercy	H. Beck	44	3,202	4	0	4,284	3	2	2	2	0	0	6	6300-6600	F
St. Agnes	J. Valderas	60	3,153	3	66	3,372	3	2	2	2	0	0	6	8000-9000	P
St. Joseph	S. Alessi	47	3,708	2	0	1,954	3	2	2	2	0	0	6	6240-6720	P
Sinai Hospital of Baltimore	89	7,564	1	100	17,774	3	3	3	3	0	0	9	5500-6500	P	
Union Memorial	J. M.Haws	36	2,683 <sup>+</sup>	3	33	9,358	4	2	2	2	2	0	8	7000-8500	P
University of Maryland	A. Haskins	44	3,627	11	60	24,051	3	4	4	4	4	0	16	5700-7100	P
<b>Cheverly</b>															
Prince George's General	J. Haught	38	4,503	1	100	5,112	3	1	1	1	1	0	4	8400-9600	O
<b>MASSACHUSETTS</b>															
<b>Boston</b>															
Beth Israel <sup>61</sup>	H. Rubin	56	3,482	0	0	7,499	3	1	1	2	0	0	4	6000-10000	...
Boston City	D. Charles	59	3,969	2	100	22,386	3	5	5	5	0	0	15	6600-9000	O
Boston Hospital for Women	D. E. Reid	196	13,141	127	60	41,922	3	6	6	6	0	0	18	7300-9000	F
Carney Hospital-St. Margaret's	E.L.Carey	...	...	...	...	...	3	3	3	3	0	0	9	...	...
Carney	12	775	3	33	868	...	...	...	...	...	...	...	...	6600-9000	P
St. Margaret's	99	7,859	1	0	7,672	...	...	...	...	...	...	...	...	6600-8100	O
<b>New England Medical Center Hospitals</b>															
St. Elizabeth's Hospital of Boston	G. W. Mitchell	11	466	7	86	1,765	3	1	1	1	0	0	3	6600-9000	O
St. Elizabeth's Hospital of Boston	J. Whelton	43	3,281	2	100	3,567	3	2	2	2	0	0	6	6600-8100	P
<b>Cambridge</b>															
Cambridge City	S. Grace	8	1,320	2	...	2,140	3	1	1	1	0	0	3	6600-9000	P
<b>Pittsfield</b>															
Berkshire Medical Center	B. E. Cole	43	2,517	1	100	2,042	4	2	1	1	1	0	5	5180-7100	F
Pittsfield General	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Luke's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Springfield</b>															
Springfield Hospital - Wesson	...	...	...	...	...	...	3	2	2	2	0	0	6	6600-8100	P
Maternity	R.J.Carpenter, Jr.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Springfield	25	1,339 <sup>+</sup>	3	41	1,012	...	...	...	...	...	...	...	...	...	...
Wesson Maternity	63	4,995	0	0	4,043	...	...	...	...	...	...	...	...	...	...
<b>MICHIGAN</b>															
<b>Ann Arbor</b>															
St. Joseph Mercy	C. W.Newton	53	4,008 <sup>+</sup>	3	0	4,661	3	1	1	1	0	0	3	8100-8700	O
University of Michigan Medical Center	J.R.Willson	...	...	...	...	...	4	5	5	5	5	0	20	...	...
University	J. R. Willson	70	3,683	32	66	16,585	...	...	...	...	...	...	...	5000-6700	O
Wayne County General Hospital and Infirmary (Eloise)	C. C. Bollinger	41	2,638	7	42	6,418	...	...	...	...	...	...	...	6852-8500	F
<b>Dearborn</b>															
Oakwood <sup>214</sup>	W.O.Nickel	87	5,868	3	33	1,716	4	2	2	2	2	0	8	6000-6900	F
<b>Detroit</b>															
Crittenton	W. K. Tregenza	30	2,431	0	0	11,947	4	2	2	2	2	0	8	6300-7200	FP
Detroit-Macomb Hospitals	R. Walkowiak	...	...	...	...	...	4	2	2	2	2	0	8	6300-7200	P
Detroit Memorial	34	2,725	3	100	14,459	...	...	...	...	...	...	...	...	6300-7200	P
South Macomb (Warren)	32	2,534	...	...	...	...	...	...	...	...	...	...	...	6300-7200	P
Grace	P. S. Peven	99	5,751	11	45	2,278	4	4	4	4	0	0	12	6300-6900	P
Henry Ford	C. P. Hodgkinson	78	3,646	24	50	37,561	4	3	3	3	0	0	12	6180-7380	P
Mount Carmel Mercy	J. W. Pichette	77	5,173	5	60	2,654	4	2	2	2	2	0	8	6300-7200	P
St. John <sup>214</sup>	P. C. Di Loreto	84	6,370	7	71	2,749	3	2	2	2	0	0	6	5610-7590	FP
St. Joseph Mercy	F.E. Check	30	1,853	0	0	3,223	4	1	1	1	1	0	4	5760-6660	FP
Sinai Hospital of Detroit	A. I. Sherman	66	5,129	8	88	3,261	3	2	2	2	0	0	6	6600-7800	P
Wayne State University Affiliated Hospitals	T.N.Evans	...	...	...	...	...	4	9	9	9	8	0	35	...	...
Bronson Methodist (Kalamazoo)	E. Carter	48	3,448	2	50	1,804	...	...	...	...	...	...	...	6300-6300	F
Detroit General	T. N. Evans	44	1,808	12	42	5,900	...	...	...	...	...	...	...	6500-7400	P
Harper	L. P. Heath	58	4,542	10	50	2,605	...	...	...	...	...	...	...	6600-7500	P
Hutzel	T.Evans	113	7,477	18	22	3,783	...	...	...	...	...	...	...	6500-7400	P
<b>Eloise</b>															
Wayne County General Hospital and Infirmary - See University of Michigan Medical Center, Ann Arbor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Flint</b>															
Hurley	J.W.Hallitt	68	4,380	11	36	1,965	3	2	2	2	0	0	6	6300-7500	P
<b>Grand Rapids</b>															
Butterworth	R. Lang	69	5,175 <sup>+</sup>	3	33	1,900	3	2	2	2	0	0	6	6900-7200	P
St. Mary's Hospital-Blodgett Memorial	H.C.Visscher	...	...	...	...	...	3	2	2	2	0	0	6	...	...
St. Mary's	44	3,296	2	100	2,427	...	...	...	...	...	...	...	...	7500-8100	P
Blodgett Memorial	49	3,165	3	67	847	...	...	...	...	...	...	...	...	7200-7800	P
<b>Highland Park</b>															
Highland Park General	W. Chavis	33	2,284	4	25	907	3	1	1	1	0	0	3	6300-6900	P
<b>Kalamazoo</b>															
Bronson Methodist - See Wayne State University Affiliated Hospitals, Detroit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

11. OBSTETRICS — GYNECOLOGY — Continued

Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary (per Year) Min.-Max.	Maintenance
				Number	Neonatal Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MICHIGAN—Continued</b>															
<b>Pontiac</b>															
Pontiac General	R.L. Segula	73	6,371	4	50	1,712	3	2	2	2	0	0	6	7500-8100	FP
St. Joseph Mercy	M. Krane	48	2,944	0	0	1,345	3	2	2	2	0	0	6	7560-8280	P
<b>Royal Oak</b>															
William Beaumont	R.R. Margulis	71	7,111	7	86	1,377	3	3	3	3	0	0	9	8880-9900	P
<b>Saginaw</b>															
Saginaw General	P. Prather	39	2,990	4	50	2,332	3	1	1	1	0	0	3	6360-6960	F
<b>Southfield</b>															
Providence	E. Otleski	55	3,213†	0	0	3,014	3	2	2	2	0	0	6	7500-8100	P
<b>Warran</b>															
South Macomb - See Detroit-Macomb Hospitals, Detroit															
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
University of Minnesota Affiliated Hospitals															
Hennepin County General	J. J. Sciarra	29	2,146	...	...	8,239	3	8	8	8	2	0	26	5000-7000	...
University of Minnesota Hospitals	J. J. Sciarra	37	1,425	17	82	6,356	...	...	...	...	...	...	...	5500-...	P
St. Joseph's (St. Paul)	J. Goldsmith	50	4,216	7	28	7,950	...	...	...	...	...	...	...	7320-7320	P
St. Luke's Hospitals (Fargo, N. D.)	J. S. Gillam	32	1,584	1	0	18,500	...	...	...	...	...	...	...	5014-6934	P
<b>Rochester</b>															
Mayo Graduate School of Medicine <sup>185</sup>															
Rochester Methodist	R. B. Wilson	63	4,133	10	70	41,618	4	4	4	4	0	0	16	5400-8000	P
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Paul</b>															
St. Joseph's - See University of Minnesota Affiliated Hosps., Minneapolis															
St. Paul-Ramsey	E. Y. Hakanson	16	1,067	0	0	2,758	4	2	0	2	1	0	5	5000-6500	O
<b>MISSISSIPPI</b>															
<b>Jackson</b>															
University of Mississippi Medical Center															
University	H. A. Thiede	42	3,427	11	55	12,222	3	4	4	4	0	0	12	5100-5700	O
<b>MISSOURI</b>															
<b>Columbia</b>															
University of Missouri Medical Center															
Center	D. G. Hall	33	1,789†	7	29	9,813	4	2	2	2	2	0	8	5000-6500	P
<b>Kansas City</b>															
Kansas City General Hospital and Medical Center															
Center	H. Gainey	48	3,897	12	75	18,997	3	3	3	3	0	0	9	5985-7245	FP
St. Luke's	R. Newman	56	3,620	7	43	5,000	3	2	2	2	0	0	6	5600-7740	P
<b>St. Louis</b>															
Barnes Hospital Group <sup>226</sup>															
Center	W. Allen	92	4,840	16	31	14,100	4	4	4	4	4	0	16	5400-6300	O
Deaconess	L. A. Hall	24	1,486	4	75	5,372	3	1	1	1	0	0	3	6000-7800	F
Homer G. Phillips	S. Monat	71	4,687	12	10	8,122	3	3	3	3	0	0	9	5305-6141	P
Jewish Hospital of St. Louis	D. Rothman	66	4,513	2	50	6,251	4	2	2	2	2	0	8	3700-7500	P
St. John's Mercy	R. Muckerman	92	6,506	4	50	2,851	3	2	2	2	0	0	6	5400-6600	F
St. Louis City <sup>70</sup>	D. Cavanagh	55	4,362	10	40	10,694	3	3	3	3	0	0	9	5305-6141	O
St. Louis County	J.R. Vaughan	13	1,103	3	33	6,071	3	1	1	1	0	0	3	5400-6600	F
St. Louis University Group of Hospitals															
Firmin Desloge General	D. Cavanagh	155	11,160	18	25	13,350	3	2	2	2	0	0	6	6600-7800	O
St. Louis City	D. Cavanagh	55	4,362	10	40	10,694	...	...	...	...	...	...	...	5305-6141	O
St. Mary's	E. Hamilton	75	5,367	6	17	...	...	...	...	...	...	...	...	6000-7200	FP
<b>NEBRASKA</b>															
<b>Omaha</b>															
Creighton University Medical Center															
Creighton Memorial St. Joseph's	E. Slowinski	24	1,745	1	100	...	3	2	2	2	0	0	6	6300-7200	P
University of Nebraska	W. Pearse	23	1,844	4	50	10,413	3	3	3	3	0	0	9	4900-5500	P
<b>NEW JERSEY</b>															
<b>Camden</b>															
Cooper															
Center	F. Lovett	88	4,862	7	43	7,510	3	2	2	2	0	0	6	5600-6200	F
<b>Jersey City</b>															
Margaret Hague Maternity <sup>17</sup>															
Center	J. P. Donnelly	142	10,636	125	54	33,243	3	4	4	4	4	0	16	5600-6200	F
<b>Mount Holly</b>															
Burlington County Memorial															
Center	R. H. Van Meter	32	2,106	2	0	2,647	3	1	1	1	0	0	3	6000-7200	F
<b>Neptune</b>															
Jersey Shore Medical Center - Fitkin															
Center	R. Jacobus	45	3,462	3	66	3,513	3	2	1	1	0	0	4	4800-6600	F
<b>Newark</b>															
Newark Beth Israel															
Center	I. Perlmutter	55	3,970	5	40	4,813	3	2	1	1	0	0	4	5300-5900	F
Newark City	J.L. Breen	140	7,613	16	75	32,000	3	4	5	5	0	0	14	6200-8600	P
St. Michael	H. Jesurun	45	3,151	3	33	5,293	3	2	2	2	0	0	6	4500-6780	FP
<b>Paterson</b>															
St. Joseph's															
Center	A.T. Lemay	49	3,891	8	75	3,395	3	1	1	1	0	0	3	7644-8244	O
<b>Trenton</b>															
St. Francis															
Center	S. Watov	51	3,879	0	0	4,133	3	1	1	1	0	0	3	4800-7200	F
<b>NEW MEXICO</b>															
<b>Albuquerque</b>															
University of New Mexico Affiliated Hospitals															
Bernalillo County Medical Center	R.A. Munsick	22	1,752	5	40	6,659	3	2	2	2	0	0	6	6060-6500	P
<b>NEW YORK</b>															
<b>Albany</b>															
Albany Medical Center															
Center	T. King	66	4,199	12	50	4,357	3	4	4	4	1	0	13	6600-8700	P
St. Peter's	J. Cassidy	34	2,702	5	0	1,600	...	...	...	...	...	...	...	6600-9000	O

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O	
			Number	Necropsy Per cent	Outpatient Visits	Length of Ap-proved Pro-gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK—Continued</b>															
<b>Buffalo</b>															
S.U.N.Y. at Buffalo Affiliated															
Hospitals															
Deaconess Hospital of Buffalo	N. G. Courey	653	370	6	66	3,664	4	1	1	1	1	0	4	5300-8000	F
Millard Fillmore	F. Paloucek	89	5,523	0	0	3,501	4	3	3	3	0	0	9	5300-6200	P
Sisters of Charity	C. J. Woeppel	72	4,706	10	40	2,923	4	2	2	2	2	0	8	5250-7200	FP
University Residency	C. L. Randall	...	...	...	...	4	4	6	6	6	6	0	24	...	...
Buffalo General	C. L. Randall	62	3,485	15	28	7,325	...	...	...	...	...	...	...	5300-7500	O
Children's Hospital of Buffalo	K. Niswander	55	4,952	...	...	193	...	...	...	...	...	...	...	5300-7500	P
Edward J. Meyer Memorial	R. J. Foote	27	1,444	9	0	9,618	...	...	...	...	...	...	...	5550-7260	P
Roswell Park Memorial Institute	J. B. Graham	33	746	31	100	6,706	...	...	...	...	...	...	...	5020-6214	O
<b>Cooperstown</b>															
Mary Imogene Bassett	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...
<b>East Meadow</b>															
Meadowbrook	R. Knapp	40	2,432	10	40	12,379	4	3	3	3	3	0	12	6316-8016	F
Mercy (Rockville Centre)	E. N. Cartnick	54	4,311	4	29	368	...	...	...	...	...	...	...	...	...
<b>Glen Cove</b>															
Community Hospital at Glen Cove	H. W. Mayberger	33	2,280	0	0	1,231	3	1	1	1	0	0	3	6050-8650	P
<b>Johnson City</b>															
Charles S. Wilson Memorial	W. Dixon	25	1,945	4	0	4,602	3	1	1	1	0	0	3	7500-8100	P
<b>Manhasset</b>															
North Shore <sup>254</sup>	A. Fenton	59	4,617	3	0	2,640	4	2	2	2	2	...	8	6300-7800	P
<b>Mineola</b>															
Nassau	J. Malfetano	50	3,851	3	100	2,129	3	1	1	1	0	0	3	7800-8400	P
<b>Mount Vernon</b>															
Mount Vernon	N. M. Weinrod	31	2,051	3	100	2,695	3	1	1	1	0	0	3	5400-6600	FP
<b>New Hyde Park</b>															
Long Island Jewish Hospital Training Program															
Long Island Jewish	A. H. Rosenthal	43	3,687	0	0	1,316	...	...	...	...	...	...	...	6000-7750	O
Queens Hospital Center (New York City)	D. J. Casper	54	3,908	10	20	21,425	...	...	...	...	...	...	...	5750-6500	F
<b>New York City</b>															
Albert Einstein College of Medicine															
Affiliated Hospitals															
Bronx Municipal Hosp															
Center-Hosp of Albert Einstein															
College of Med															
Bronx Municipal Hospital Center	S. L. Romney	80	4,296	17	47	26,107	...	...	...	...	...	...	...	4980-6000	F
Hospital of the Albert Einstein															
College of Medicine															
Lincoln	J. J. Smith	64	4,798	9	44	3,483	...	...	...	...	...	...	...	4980-6220	F
Beth Israel	G. G. Blinick	73	4,344	10	60	26,482	4	3	3	3	3	0	12	6150-7650	P
Booth Memorial	L. Shenker	47	3,894	2	0	3,960	3	1	1	1	1	0	4	6000-7500	P
Bronx-Lebanon Hospital Center	R. Neuwirth	88	5,610	8	88	19,371	3	4	4	4	0	0	12	6000-7400	P
Brookdale Hospital Center	S. Birnbaum	83	5,774	6	67	10,664	4	3	3	3	3	0	12	6000-7500	P
Brooklyn - Cumberland Medical															
Center															
Brooklyn	V. Tricomi	115	7,479	26	37	39,668	4	5	5	5	5	0	20	5640-7500	P
Cumberland															
Brooklyn Womens	M. Rosenfeld	45	3,240	21	76	8,631	3	2	2	2	0	0	6	5500-6500	F
Catholic Medical Center of Brooklyn and Queens															
St. Mary's Division															
Flushing Hospital and Medical Center	L. H. Tisdall	41	2,956	3	100	11,522	3	2	2	2	0	0	6	5500-6700	F
French	G. J. Lawrence	38	2,930	2	0	2,827	4	1	1	1	1	0	4	5600-7200	P
Harlem Hospital Center	M. L. Tancer	30	1,888	2	100	2,254	4	2	1	1	1	0	5	5500-6500	F
Jamaica	D. P. Swartz	119	5,461	16	39	41,839	4	6	6	6	6	0	24	4980-6000	P
Jewish Hospital and Medical Center of Brooklyn	M. M. Abitbol	60	3,180	9	33	4,237	3	1	1	1	0	0	3	6000-7800	FP
Greenpoint	M. Schiffer	92	6,459	9	33	10,311	4	5	5	5	5	0	20	...	...
Jewish Memorial	D. Meyer	42	3,039	3	67	28,362	...	...	...	...	...	...	...	7500-9000	P
Lenox Hill <sup>209</sup>	R. Landesman	36	2,684	3	66	3,181	3	2	1	1	0	0	4	4800-6000	F
Long Island College	H. R. K. Barber	66	3,703	16	44	8,684	4	2	2	2	2	0	8	5600-6800	P
Lutheran Medical Center	H. L. Freedman	57	3,751	1	0	7,885	4	2	2	2	2	0	8	5500-8000	P
Maimonides Medical Center Training Program	G. S. Zarou	39	2,692	5	20	4,659	3	2	2	2	0	0	6	6500-7500	P
Maimonides Medical Center	W. Pomerance	81	5,915	...	...	11,874	...	...	...	...	...	...	...	6000-7750	...
Coney Island	W. Pomerance	28	1,520	0	0	8,832	...	...	...	...	...	...	...	4980-6220	P
Methodist Hospital of Brooklyn	A. Vasicka	12	4,533	7	14	7,441	4	3	3	3	3	0	12	6000-7100	P
Misericordia - Fordham Training															
Program															
Misericordia	S. G. Burgess	107	7,478	18	66	29,560	3	4	4	4	0	0	12	6600-8700	F
Fordham															
Montefiore Hospital Training															
Program															
Montefiore Hospital and Medical Center	N. Herzig	41	3,627	2	50	25,072	4	3	3	3	3	0	12	6120-7880	P
Morrisania City															
Mount Sinai Hospital Training															
Program															
Mount Sinai	S. B. Gusberg	117	6,095	12	50	26,000	...	...	...	...	...	...	...	6000-7500	...
City Hospital Center at Elmhurst	J. J. Rovinsky	45	4,196	7	42	29,680	...	...	...	...	...	...	...	6300-7800	P
New York Infirmary	F. Fuchs	124	7,847	16	64	32,480	4	5	6	4	5	2	22	6000-9500	P
New York Medical College	E. C. Cline	45	2,696	7	0	6,559	3	2	2	2	0	0	6	5650-6500	FP
Metropolitan Hospital															
Center															
Unit 1 - Flower and Fifth Avenue Hospitals	M. L. Stone	...	...	...	...	4	...	6	6	6	6	0	24	4980-6000	F
Unit 2 - Metropolitan	...	68	4,099	4	...	3,321	...	...	...	...	...	...	...	...	...
New York Polyclinic Medical School and Hospital	L. J. Caruso	29	1,824	1	0	4,940	3	1	1	1	0	0	3	5900-6500	P

Numerical and other references are listed on pages 279 through 282.

11. OBSTETRICS — GYNECOLOGY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Total All Years	Salary Per Year Min.-Max.	Main-tenance F P O
				Number	Necropsy Per cent	Outpatient Visits	Length of Ap-proved Pro-gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK, New York City—Continued</b>																
New York University - Bellevue																
Medical Center	G. W. Douglas	...	...	...	...	...	4	6	6	6	6	0	24	...	...	...
Bellevue Hospital Center	G. W. Douglas	60	2,991	7	65	35,842	...	...	...	...	...	...	...	...	4980-6000	P
University	G. W. Douglas	47	2,830	8	62	...	...	...	...	...	...	...	...	...	7440-8680	P
Knickerbocker	W. Decker	10	280	1	100	1,885	...	...	...	...	...	...	...	...	6900-7830	FP
Presbyterian <sup>252</sup>	J. G. Moore	134	8,292	10	30	44,659	3	6	6	6	2	2	22	...	6000-8500	O
Queens Hospital Center - See Long Island Jewish Hosp. Training Prog., New Hyde Park																
Roosevelt	R. W. Gause	48	2,415	8	62	9,830	4	2	2	2	0	0	6	...	5500-7500	FP
St. Clare's <sup>230</sup>	M. Jordan	30	1,399	9	78	3,035	4	2	2	2	0	0	8	...	6500-8000	P
St. John's Episcopal	C. W. Mueller	62	3,110	15	26	11,512	4	2	2	2	2	0	8	...	5500-7000	FP
St. Luke's Hospital Center	H. M. M. Tovell	104	5,447	15	40	28,889	4	4	4	4	4	0	16	...	6000-7500	P
St. Vincent's Hospital and Medical Center of New York	B. Pisani	60	3,499	9	38	10,582	4	3	2	2	2	0	9	...	5500-7000	P
St. Vincent's Medical Center of Richmond	V. S. Svesko	35	2,625	5	80	2,635	3	1	1	1	0	0	3	...	5700-6600	F
State University - Kings County																
Medical Center	L. M. Hellman	...	...	...	...	...	4	11	6	6	6	0	29	...	...	...
Kings County Hospital Center	...	113	10,792	49	33	49,355	...	...	...	...	...	...	...	...	4980-6000	...
State University	...	16	898	3	67	3,873	...	...	...	...	...	...	...	...	6690-8110	P
Staten Island	M. S. Rapp	32	2,619	2	...	4,048	4	1	1	1	1	0	4	...	6500-8000	F
Sydenham	V. Mason	33	1,827	1	...	18,924	3	1	1	1	0	0	3	...	4980-5780	F
Unity	M. Berling	34	2,346	2	50	6,378	3	2	2	2	0	0	6	...	6000-6600	F
Wyckoff Heights	M. Friedman	65	4,488	1	100	5,193	3	2	2	2	0	0	6	...	5000-6000	F
<b>Rochester</b>																
Genesee	C. H. Lauterbach	28	2,844	3	100	5,179	3	2	2	2	0	0	6	...	6600-7600	O
Highland Hospital of Rochester	G. C. Trombetta	47	4,178	4	50	1,986	3	2	2	2	0	0	6	...	6600-8100	P
Rochester General	W. A. Lange	50	4,593	8	50	3,201	3	1	1	1	0	0	3	...	7000-8000	P
St. Mary's	E. Callahan	25	2,314	...	...	917	3	1	1	1	0	0	3	...	5750-6750	P
Strong Memorial Hospital of the University of Rochester	C. J. Lund	49	3,834	5	60	11,566	4	3	3	3	3	0	12	...	5500-8500	P
<b>Rockville Centre</b>																
Mercy - See Meadowbrook, East Meadow																
<b>Schenectady</b>																
Schenectady Affiliated Program	W. H. Brown	...	...	...	...	...	4	1	1	1	1	0	4	...	...	...
Ellis	...	35	2,963	12	82	1,592	...	...	...	...	...	...	...	...	6300-7500	FP
St. Clare's	...	1	540	1	...	326	...	...	...	...	...	...	...	...	6600...	P
<b>Syracuse</b>																
S.U.N.Y. Upstate Medical Center	R. Nesbitt	101	7,242	17	28	14,106	4	4	4	4	1	0	13	...	6050-6950	O
St. Joseph's	W. Redfield	45	3,591	5	40	4,359	...	...	...	...	...	...	...	...	6700-10000	P
<b>NORTH CAROLINA</b>																
<b>Chapel Hill</b>																
North Carolina Memorial	L. M. Tälbert	36	2,184	8	...	10,372	4	3	3	3	3	0	12	...	4500-7500	O
<b>Charlotte</b>																
Charlotte Memorial	O. H. Jones	81	5,965	12	50	12,228	3	2	2	2	0	0	6	...	6000-6600	P
<b>Durham</b>																
Duke University Medical Center <sup>57</sup>	R. T. Parker	58	3,490	20	35	17,912	4	4	4	4	4	0	16+	...	5500-7000	P
<b>Raleigh</b>																
Memorial Hospital of Wake County	C. Egerton	29	2,484	3	66	5,759	3	1	1	1	0	0	3	...	5000-7500	F
<b>Winston-Salem</b>																
North Carolina Baptist Hospitals	R. Burt	45	2,959	3	33	7,003	4	2	2	2	2	0	8	...	5500-8000	P
<b>NORTH DAKOTA</b>																
<b>Fargo</b>																
St. Luke's - See Univ. of Minn. Affiliated Hospitals, Minneapolis, Minn.																
<b>OHIO</b>																
<b>Akron</b>																
Akron City	L. M. Walker	72	4,729	4	75	3,931	4	2	2	2	2	0	8	...	8420-10040	P
Akron General	C. J. De Winter	58	3,750	3	67	2,106	3	2	2	2	0	0	6	...	8400-9200	P
St. Thomas	G. D. Solomon	64	4,324	2	50	1,046	4	3	2	2	0	0	7	...	8688-10128	FP
<b>Canton</b>																
Aullman	J. G. Tift	53	3,705	1	100	1,491	3	1	1	1	0	0	3	...	6000-7200	P
Mercy	S. P. Pascale	59	4,072	3	67	654	3	...	...	...	...	...	3	...	4500-5100	F
<b>Cincinnati</b>																
Bethesda	W. Graf, K. Zeisman	61	5,185	0	0	6,652	3	2	2	2	0	0	6	...	6240-6720	P
Good Samaritan <sup>277</sup>	R. T. F. Schmidt	94	7,424	5	60	3,002	3	2	2	2	0	0	6	...	6000-7500	P
University of Cincinnati Hospital Group	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cincinnati General	R. W. Stander	58	4,297	3	100	14,819	4	3	3	3	3	0	12	...	5640-6540	P
<b>Cleveland</b>																
Cleveland Metropolitan General	B. Little	55	3,485	10	40	27,803	4	4	4	4	4	0	16+	...	5800-9200	P
Fairview General	L. Stevens	73	4,931	3	100	5,844	4	1	1	1	2	0	5	...	5400-7200	F
Huron Road	A. E. Lenhart	35	2,094	4	50	1,918	3	2	2	2	0	0	6	...	4800-5700	FP
Mount Sinai Hospital of Cleveland	M. Linden	60	4,433	3	67	7,310	3	2	2	2	0	0	6	...	6600-8100	O
St. Ann	P. O. Funk	65	4,065	3	100	4,808	3	1	1	1	0	0	3	...	3900-5400	FP
St. Luke's	J. R. Boyd	59	3,853	7	71	5,453	3	2	2	2	0	0	6	...	6600-9000	P
University Hospitals of Cleveland	K. J. Ryan	92	6,730	12	50	30,620	4	4	4	4	4	0	16	...	6000-7500	P
<b>Columbus</b>																
Mount Carmel	J. G. Boutselis	52	4,573	4	50	8,042	4	1	1	1	1	0	4	...	7800-9000	F
Ohio State University Hospitals	J. C. Ullery	82	5,384	10	80	16,882	4	3	3	3	3	0	12	...	5500-7000	P
Riverside Methodist Hospital-St. Ann's Hospital for Women	L. W. Barnes	...	...	...	...	...	4	2	2	2	2	0	8	...	7800-9000	P
Riverside Methodist	L. W. Barnes	53	4,273	4	...	1,603	...	...	...	...	...	...	...	...	...	...
St. Ann's Hospital for Women	D. S. O'Leary	59	5,140	3	33	3,408	...	...	...	...	...	...	...	...	...	...
<b>Dayton</b>																
Good Samaritan	L. Kritzer	59	3,358	2	0	1,075	3	1	1	1	0	0	3	...	6300-6900	F
Miami Valley	N. J. Thompson	48	4,117	7	86	3,676	3	2	2	2	0	0	8+	...	7800-8700	P
<b>Toledo</b>																
Tri-Hospital Obstetrics and Gynecology Residency of Toledo	M. Ayres	...	...	...	...	...	3	4	4	4	0	0	12	...	...	...
Maumee Valley	M. Ayres	23	1,079	4	25	2,874	...	...	...	...	...	...	...	...	5400-6000	FP
St. Vincent Hospital and Medical Center	M. Ayres	51	3,008	9	33	3,293	...	...	...	...	...	...	...	...	6300-6900	P
Toledo	W. L. Woodward	74	5,022	2	50	3,755	...	...	...	...	...	...	...	...	6300-6900	F

Numerical and other references are listed on pages 279 through 282.

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Length of Approved Program (Years)	Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance
			Number	Neonatal Per cent	Outpatient Visits			1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>OHIO — Continued</b>															
<b>Warren</b>															
Trumbull Memorial	G. Mokris	45	3,301	3	67	1,851	3	1	1	1	0	0	3	7800-9000	P
<b>Youngstown</b>															
St. Elizabeth	R. Bruchs	69	4,276	3	0	2,421	3	2	2	2	0	0	6	5400-8400	FP
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
St. Anthony	F. Coggins	74	5,139	6	17	4,650	3	2	2	2	0	0	6	8700-9300	P
University of Oklahoma Medical Center															
University of Oklahoma Hospitals	J. A. Merrill	41	2,191	7	43	12,578	3	2	2	2	0	0	8	5500-7600	P
<b>Tulsa</b>															
Hillcrest Medical Center	A. Vammen	39	2,833	4	...	5,100	3	1	1	1	0	0	...	8400-9072	...
St. John's	W. F. Thomas	61	4,380	0	0	4,383	3	1	1	1	0	0	3	8700-9300	P
<b>OREGON</b>															
<b>Portland</b>															
Emanuel	C. L. Fearl	80	6,269	10	70	8,140	3	2	2	2	0	0	6	6600-7800	P
University of Oregon Medical School Hospitals and Clinics <sup>159</sup>	R. C. Benson	43	2,872	12	50	18,469	4	3	3	3	3	0	12	4200-6000	FP
<b>PENNSYLVANIA</b>															
<b>Abington</b>															
Abington Memorial	A. L. Brenner	68	4,849	0	0	2,353	3	1	1	1	0	0	3	5400-7200	P
<b>Allentown</b>															
Allentown	F. C. Schaeffer	97	4,115	12	17	2,035	3	2	2	2	0	0	6	7700-8300	P
<b>Altoona</b>															
Altoona	J. S. Taylor, Jr.	46	2,752	8	25	1,516	3	1	1	1	0	0	3	6420-7200	F
<b>Bethlehem</b>															
St. Luke's	F. S. Flor	39	480	7	29	1,967	3	1	1	1	0	0	3	6000-7200	FP
<b>Danville</b>															
Geisinger Medical Center	C. T. Beecham	26	1,383	8	25	16,569	3	1	1	1	0	0	3	5800-6300	P
<b>Darby</b>															
Thomas M. Fitzgerald Mercy	L. Mc Gowan	56	4,050	3	0	5,172	3	2	2	2	0	0	6	6600-7800	P
<b>Erie</b>															
Hamot Hospital-St. Vincent	E. S. Kremer	...	...	...	...	...	4	1	1	1	1	0	4	7800-9000	FP
Hamot	D. B. Mc Neill	30	2,364	1	100	1,883	...	...	...	...	...	...	...	...	...
St. Vincent	J. J. De Marco	50	3,847	8	25	1,620	...	...	...	...	...	...	...	...	...
<b>Harrisburg</b>															
Harrisburg	C. K. Fetterhoff	70	4,288	1	100	10,632	3	2	2	2	0	0	6	7200-8700	F
<b>Philadelphia</b>															
Albert Einstein Medical Center	W. Slate	108	6,737	9	44	10,311	3	3	3	3	0	0	9	5100-5700	P
Episcopal	R. Hyatt	34	2,469	4	50	19,942	3	1	1	1	0	0	3	4500-4980	P
Germantown Dispensary and Hospital	W. M. Heyl	24	1,851	2	50	4,853	3	1	1	1	0	0	3	6300-8100	FP
Graduate Hospital of the University of Pennsylvania-Pennsylvania	S. L. Israel	...	...	...	...	...	3	4	4	4	0	0	12	...	...
Graduate Hospital of the University of Pennsylvania		15	412	3	35	1,215	...	...	...	...	...	...	...	...	...
Pennsylvania		84	5,692	3	0	18,985	...	...	...	...	...	...	...	5300-5700	O
Hahnemann Medical College and Hospital	G. C. Lewis	103	5,261	13	46	4,958	3	4	4	4	0	0	12	4500-5700	P
Hospital of the Woman's Medical College of Pennsylvania	E. R. Carrington	54	3,366	7	29	7,899	3	3	3	3	0	0	9	5400-7000	P
Jefferson Medical College	R. G. Holly	86	5,307	5	20	19,942	3	3	3	3	0	0	9	5500-6500	O
Lankenau	J. D. Corbit, Jr.	49	3,152	3	67	2,859	3	2	2	2	0	0	6	6600-8100	O
Methodist	J. Montgomery	43	2,927	0	0	3,591	3	1	1	1	0	0	3	5400-5400	O
Misericordia	J. E. Lynch	32	2,294	3	33	3,637	4	1	1	1	1	0	4	6600-8400	F
Philadelphia General Hospital-Hahnemann Service	M. Klavan	87	5,103	18	47	21,597	3	2	2	2	0	0	6	6800-7700	O
Presbyterian-University of Pennsylvania Medical Center	W. D. Chamblin	28	1,783	1	100	5,975	3	1	1	1	0	0	3	5450-6150	P
Temple University	R. R. De Alvarez	115	4,308	13	46	20,296	3	5	5	5	0	0	15	5000-6200	P
University of Pennsylvania Affiliated Hospitals		...	...	...	...	...	4	6	6	6	6	...	24	...	...
Hospital of the University of Pennsylvania	L. Mastroianni	82	4,528	20	55	17,635	...	...	...	...	...	...	...	6000-7200	O
Philadelphia General Hospital (University of Pennsylvania Division)	J. P. Emich	87	5,103	18	47	21,597	...	...	...	...	...	...	...	6800-7700	O
<b>Pittsburgh</b>															
Allegheny General	J. Gilmore	65	3,366	4	75	5,395	3	1	1	1	0	0	3	7500-8100	P
Health Center Hospitals of the University of Pittsburgh															
Magee-Womens	D. Hutchinson	184	10,920	31	52	19,590	4	5	5	5	5	0	20	5500-7500	O
Mercy	G. J. Carlin	52	2,882	3	50	2,765	3	1	1	1	0	0	3	6300-6900	P
Pittsburgh	R. N. Mc Garvey	33	1,914	5	60	1,472	3	1	1	1	0	0	3	6900-7500	FP
Columbia (Wilksburg)	W. E. Gibson	45	1,708	8	37	1,218	...	...	...	...	...	...	...	6900-7500	FP
St. Francis General	M. A. Guthrie	47	3,113	12	18	2,002	3	1	1	1	0	0	3	8400-8400	P
Western Pennsylvania	L. E. Laufe	60	3,190	11	55	4,350	3	2	2	2	0	0	6	5700-6300	P
<b>Reading</b>															
Reading	F. B. Nugent	95	2,325	10	45	2,420	3	1	1	1	0	0	3	6600-7800	F
<b>Wilksburg</b>															
Columbia - See Pittsburgh Hospital, Pittsburgh															
<b>York</b>															
York	J. Monk	67	4,322	13	61	4,127	3	2	2	2	...	...	6	7200-8400	P
<b>PUERTO RICO</b>															
<b>Ponce</b>															
Ponce District General	A. Tamm	65	4,584	7	71	8,105	3	4	4	4	0	0	12	6000-10800	F
<b>San Juan</b>															
Municipal Hospital Dr. Rafael Lopez															
Nussa	D. Chafey	91	8,924	6	...	10,068	3	6	6	6	0	0	18	5700-6900	P
University District	I. Pelegrina	87	6,599	10	60	17,899	3	6	6	6	0	0	18	5700-6900	FP

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>RHODE ISLAND</b>															
<b>Providence</b>															
Providence Lying-in Hospital-Rhode Island	H. C. Mc Duff, Jr.	...	...	...	...	4	2	2	2	2	0	8	6600-9000	P	
Providence Lying-in Rhode Island	F. W. Ripley, Jr.	136	10,709	4	75	6,950	...	...	...	...	...	...	...	...	
	H. C. Mc Duff, Jr.	15	595	16	38	2,908	...	...	...	...	...	...	...	...	
<b>SOUTH CAROLINA</b>															
<b>Charleston</b>															
Medical Center Hospitals	L. L. Hester	...	...	...	...	4	3	3	2	2	0	10	4380-5400	P	
Medical College	...	40	3,236†	14	71	28,062	...	...	...	...	...	...	...	...	
<b>Columbia</b>															
Columbia Hospital of Richland County	J. A. Salley	42	4,812	14	51	5,919	3	1	1	1	0	3	6000-7800	P	
<b>Greenville</b>															
Greenville General	C. M. Easley	77	5,203	7	29	9,345	3	2	2	2	0	6	5700-6400	P	
<b>TENNESSEE</b>															
<b>Chattanooga</b>															
Baroness Erlanger	W. P. Hutcherson	74	4,921	22	31	9,145	3	2	2	2	0	6	6600-7200	F	
<b>Knoxville</b>															
University of Tennessee Memorial Research Center and Hospital	A. W. Diddle	28	1,950	6	33	4,259	3	2	2	2	...	6	5100-5460	F	
<b>Memphis</b>															
Baptist Memorial <sup>53</sup>	L. C. Henry	87	6,916	8	13	2,216	3	1	1	1	1	0	4	5700-6300	F
City of Memphis Hospitals	S. A. Fish	120	10,420	28	18	20,385	3	5	5	5	0	15	5016-6138	F	
Methodist <sup>30,2</sup>	H. James	79	5,370	7	43	1,185	3	1	1	1	0	3	5700-7500	F	
St. Joseph <sup>30,2</sup>	W. Mackey	23	2,155	1	0	1,960	3	1	1	1	0	3	5700-6900	F	
<b>Nashville</b>															
Baptist	G. Crafton	50	3,929	3	33	2,708	3	2	2	2	0	6	6000-6900	O	
George W. Hubbard Hospital of the Meharry Medical College <sup>56</sup>	W. F. B. James	28	1,934	7	29	5,914	3	2	2	2	0	6	5100-5500	F	
St. Thomas <sup>13</sup>	E. Clayton	46	3,200	7	14	1,664	3	1	1	1	0	3	7500-8400	P	
Vanderbilt University Affiliated Hospitals	D. A. Goss	...	...	...	...	...	3	4	4	4	0	12	5100-6300	P	
Vanderbilt University	D. A. Goss	105	4,810	14	56	25,324	...	...	...	...	...	...	...	...	
Nashville Metropolitan General	N. Griffin	21	1,624	4	0	3,919	...	...	...	...	...	...	...	...	
<b>TEXAS</b>															
<b>Dallas</b>															
Baylor University Medical Center	W. K. Strother	119	10,402†	9	33	4,463	3	3	3	3	0	9	6600-7200	O	
Methodist Hospital of Dallas	R. C. Moore	24	4,447	4	50	4,315	3	2	2	2	0	6	6300-6900	P	
Parkland Memorial	J. A. Pritchard	110	8,680	17	35	44,752	3	...	...	...	...	16	5160-5820	P	
St. Paul	G. C. Nabors	59	5,136	8	50	6,836	3	2	2	2	0	6	6300-6900	P	
<b>El Paso</b>															
R. E. Thomason General - See William Beaumont General, El Paso (United States Army)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Galveston</b>															
University of Texas Medical Branch Hospitals <sup>24</sup>	W. J. McGanity	53	2,946	9	33	12,247	3	6	3	3	2	0	14	6200-7200	P
<b>Houston</b>															
Baylor University Affiliated Hospitals	...	...	...	...	...	...	3	7	7	7	0	0	21	5100-5700	P
Ben Taub General	...	87	8,005	23	44	33,588	...	...	...	...	...	...	...	...	
Jefferson Davis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Methodist	...	70	4,625	4	25	788	...	...	...	...	...	...	...	...	
St. Luke's Episcopal	...	47	3,483	3	33	936	...	...	...	...	...	...	...	...	
Hermann	J. T. Armstrong	93	7,152	57	24	19,404	3	2	2	2	0	6	6300-7200	P	
Univ of Texas Post-Graduate Medical School Affiliated Hospitals <sup>24</sup>	...	...	...	...	...	...	3	3	3	3	0	0	9	...	
St. Joseph	J. Lucci, Jr.	67	5,200	1	100	9,390	...	...	...	...	...	...	...	6300-6900	P
University of Texas Medical Branch Hospitals (Galveston)	W. J. McGanity	53	2,946	9	33	12,247	...	...	...	...	...	...	...	...	
<b>San Antonio</b>															
Univ of Texas Medical School at San Antonio Teaching Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Robert B. Green Memorial <sup>129</sup>	J. Seitchik	65	6,570	16	10	14,499	3	5	5	3	0	13	6900-8700	O	
<b>Temple</b>															
Scott and White Memorial	W. F. Baden	18	1,438†	4	50	13,413	3	1	1	1	0	3	5200-6300	P	
<b>UTAH</b>															
<b>Ogden</b>															
Thomas D. Dee Memorial	B. J. Farr	33	3,362	3	66	1,162	3	3	...	...	...	3	5100-5700	FP	
<b>Salt Lake City</b>															
Latter-Day Saints	J. Z. Brown, Jr.	63	5,624	2	100	1,439	3	2	2	2	0	6	5700-6600	P	
University	I. H. Kaiser	24	1,614	5	60	10,065	3	2	2	2	0	6	5700-7500	P	
<b>VERMONT</b>															
<b>Burlington</b>															
Medical Center Hospital of Vermont	J. Van S. Maeck	44	3,534	3	67	4,821	4	2	2	2	2	0	8	6600-8400	O
<b>VIRGINIA</b>															
<b>Charlottesville</b>															
University of Virginia	W. N. Thornton	36	2,559	11	18	9,676	4	3	2	2	2	0	9	4800-6000	O
<b>Falls Church</b>															
Fairfax - See Geo. Washington Univ Affiliated Hosps., Washington, D.C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Newport News</b>															
Riverside	J. Q. Hatten	53	3,612	1	100	2,244	3	1	1	1	0	3	7200-9600	FP	
<b>Norfolk</b>															
De Paul	F. T. Given	42	2,961	1	0	3,620	3	1	1	1	0	3	6000-6600	F	
Norfolk General	A. R. Garnett	59	45,520	110	27	11,997	3	2	2	2	0	6	6900-7500	P	
<b>Richmond</b>															
Medical College of Virginia-Hospital Division	L. J. Dunn	69	6,361	...	...	14,341	3	6	6	6	2	0	20	4800-5400	P

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

11. OBSTETRICS — GYNECOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent	Outpatient Visits	Length of Ap-proved Pro-gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>WASHINGTON</b>															
<b>Seattle</b>															
Swedish Hospital Medical Center	P. R. Rollins	47	4,372‡	22	56	4,255	3	1	1	1	0	0	3	6000-7200	P
University of Washington Affiliated Hospitals	C. A. Hunter, Jr.	...	...	...	...	...	4	3	3	3	3	0	12	...	...
King County	D. Figge	10	1,705	7	92	7,732	...	...	...	...	...	...	...	6000-8000	P
University	C. A. Hunter, Jr.	20	1,969‡	3	100	15,526	...	...	...	...	...	...	...	6000-8000	P
<b>Spokane</b>															
Sacred Heart	H. W. Irwin	35	3,369	5	40	1,673	3	1	1	1	0	0	3	5400-7500	F
<b>WEST VIRGINIA</b>															
<b>Charleston</b>															
Memorial	D. Mairs	36	3,168	2	50	4,325	3	2	2	2	0	0	6	5700-6600	F
<b>Morgantown</b>															
West Virginia University Medical Center <sup>51</sup>	W. A. Bonney	21	1,106	4	25	11,226	3	1	1	1	1	0	4†	7000-...	O
<b>Wheeling</b>															
Ohio Valley General	R. T. Brandfass	38	2,775	6	50	2,332	3	1	1	1	0	0	3	7200-8400	P
<b>WISCONSIN</b>															
<b>Madison</b>															
University of Wisconsin Affiliated Hospitals <sup>51</sup>	B. M. Peckham	...	...	...	...	...	3	3	3	3	3	0	12	...	...
Madison General	...	44	2,922	1	100	...	...	...	...	...	...	...	...	4600-7150	P
St. Mary's	...	48	3,159	3	...	...	...	...	...	...	...	...	...	4600-7150	P
University Hospitals	...	26	1,432	...	...	10,443	...	...	...	...	...	...	...	4600-7150	P
<b>Milwaukee</b>															
Lutheran Hospital of Milwaukee <sup>32†</sup>	W. A. Kretschmar	53	3,223	8	38	3,503	3	2	2	2	0	0	6	5823-7051	P
Milwaukee County General	R. F. Mattingly	51	4,025‡	15	53	21,166	4	3	3	3	3	0	12	5200-7900	P
Mount Sinai	F. J. Jacobson	59	4,366‡	2	100	5,131	3	1	1	1	0	0	3	7200-8400	O
St. Joseph's	J. A. Klieger	65	6,137	6	67	1,655	3	2	2	2	0	0	6	6300-7200	P
St. Mary's	W. C. Fetherston	42	2,762	15	50	1,748	3	1	1	1	...	...	3	7200-9020	O

12. OCCUPATIONAL MEDICINE

The programs in Occupational Medicine which have been approved by the Council on Medical Education and the American Board of Preventive Medicine through the Residency Review Committee for Preventive Medicine, are listed under Preventive Medicine, p. 241.

13. OPHTHALMOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Board of Ophthalmology through the Residency Review Committee for Ophthalmology, for THREE OR MORE years of acceptable training in the specialty. Programs, 158; Residencies, 1,334.

<b>UNITED STATES AIR FORCE</b>															
<b>TEXAS</b>															
Wilford Hall U.S.A.F., San Antonio	V. J. Shepherd	15	579	0	0	23,166	3	2	2	2	0	0	6	...	...
<b>UNITED STATES ARMY</b>															
<b>CALIFORNIA</b>															
Letterman General, San Francisco	F.L. Wergeland	20	359	0	0	28,177	3	2	2	2	0	0	6	...	...
<b>COLORADO</b>															
Fitzsimons General, Denver	P. J. Zamora	18	582	0	0	24,424	3	1	1	1	0	0	3	...	...
<b>DISTRICT OF COLUMBIA</b>															
Walter Reed General, Washington	B.Appleton	100	900	1	100	59,000	3	3	3	3	0	0	9	...	...
<b>TEXAS</b>															
Brooke General, San Antonio	J. R. Simmons	29	416	0	0	34,798	3	3	3	3	0	0	9	...	...
<b>UNITED STATES ARMY, NAVY, AND AIR FORCE</b>															
<b>DISTRICT OF COLUMBIA</b>															
Armed Forces Institute of Pathology, Washington - See George Washington Univ. Affil. Hosps., Washington, D. C.															
<b>UNITED STATES NAVY</b>															
<b>CALIFORNIA</b>															
U. S. Naval, Oakland	J.Rosborough	15	290	1	0	20,051	3	1	2	1	0	0	4	...	...
U. S. Naval, San Diego	F. R. Preston	40	952	0	0	35,626	3	3	3	3	0	0	9	...	...
<b>MARYLAND</b>															
U. S. Naval, Bethesda	R. Stevenson	34	351	0	0	20,463	3	2	2	1	0	0	5	...	...
<b>PENNSYLVANIA</b>															
U. S. Naval, Philadelphia <sup>296</sup>	J. Sanderlin	13	258	0	0	17,124	3	3	2	2	0	0	7	...	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>CALIFORNIA</b>															
U. S. Public Health Service, San Francisco	W. W. Richards	7	161	0	0	6,695	3	1	1	1	0	0	3	...	...
<b>LOUISIANA</b>															
U. S. Public Health Service, New Orleans	H. S. Metz	10	205	0	0	7,600	3	1	1	1	0	0	3	...	...
<b>MARYLAND</b>															
U. S. Public Health Service, Baltimore	W. E.Newby	12	275	...	...	8,559	3	2	2	1	0	0	5	...	...
<b>NEW YORK</b>															
U.S. Public Health Service (Staten Island), New York City	F. B. Dykstra	23	360	...	...	9,715	3	2	2	2	0	0	6	...	...

Numerical and other references are listed on pages 279 through 282.

13. OPHTHALMOLOGY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
			Number	Necropsy Per cent	Outpatient Visits			1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WASHINGTON</b>															
U. S. Public Health Service, Seattle - See Univ. of Washington Affiliated Hospitals, Seattle, Wash.															
<b>DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE</b>															
<b>WASHINGTON</b>															
St. Elizabeths, Washington - See George Washington Univ. Affil. Hosps., Washington, D. C.															
<b>OTHER FEDERAL</b>															
<b>CANAL ZONE</b>															
Gorgas, Balboa Heights	R. H. Rupp	4	170	0	0	11,341	3	1	1	1	0	0	3	8705-10364	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ALABAMA</b>															
<b>Birmingham</b>															
Eye Foundation	A. Callahan	26	1,378	10	10	3,079	3	2	2	2	0	0	6	.....	P
University of Alabama Medical Center	S.J. Kelly, C.P. Grant	...	...	...	...	...	3	3	3	3	0	0	9	.....	...
University of Alabama Hospitals and Clinics	S.J. Kelly, C.P. Grant	16	1,322	0	0	8,304	...	...	...	...	...	...	...	6240-7440	P
Veterans Admin.	S.J. Kelly	6	184	1	0	672	...	...	...	...	...	...	...	4830-8550	O
<b>Tuskegee</b>															
Veterans Admin. <sup>56</sup>	C.A. Green	7	135	0	0	3,847	3	1	1	1	0	0	3	4610-6440	P
<b>ARKANSAS</b>															
<b>Little Rock</b>															
University of Arkansas Medical Center	F. Freundfelder	...	...	...	...	...	3	2	2	2	0	0	6	.....	...
Arkansas Baptist Medical Center	F. Freundfelder	15	938	0	0	979	...	...	...	...	...	...	...	6600-7200	P
University	F. Freundfelder	1	63	0	0	1,446	...	...	...	...	...	...	...	4900-6500	O
Veterans Admin. Consolidated	J. Fulmer	10	142	0	0	1,015	...	...	...	...	...	...	...	4830-5730	P
<b>CALIFORNIA</b>															
<b>Bakersfield</b>															
Kern County General	A.R. Johnson	...	764	0	0	2,449	3	0	1	1	0	0	2	7500-8700	P
<b>Fresno</b>															
Fresno General	R. Whitten	4	175	0	0	6,588	3	1	1	1	0	0	3	8136-9564	P
<b>Loma Linda</b>															
Loma Linda University	R. V. Shearer	...	...	...	...	...	3	2	2	2	0	0	6	.....	...
<b>Long Beach</b>															
Veterans Admin. <sup>112</sup>	J. E. Goldstein	19	285	1	100	5,390	3	1	1	2	0	0	4	8032-10564	O
<b>Los Angeles</b>															
Hollywood Presbyterian	S. Rome	12	717	1	100	5,607	3	1	2	1	0	0	4	7200-8400	P
Los Angeles County-U.S.C. Medical Center	W. Wilson	30	1,481	1	...	31,517	3	4	4	4	0	0	12	7632-8892	P
U. C. L. A.	B. R. Straatsma	18	1,066	0	0	18,702	3	4	4	4	2	0	14	5400-9500	O
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Center-Wadsworth <sup>112</sup>	R.E. Bartlett	19	746	...	...	5,178	3	1	2	1	0	0	4	8032-9928	P
White Memorial Medical Center <sup>102</sup>	G. Kambara	6	492	0	0	11,561	3	2	2	2	0	0	6	6660-7860	P
<b>Oakland</b>															
Highland General <sup>130</sup>	E. H. Brugge	2	128	1	100	7,005	3	1	1	1	0	0	3	7200-8400	P
<b>Orange</b>															
Orange County Medical Center	J.C. Tirico	3	305	...	...	3,555	3	2	2	2	0	0	6	7296-8580	P
<b>Palo Alto</b>															
Stanford Medical Center and Affiliated Hospitals	A. Dellaporta	...	...	...	...	...	3	3	3	3	0	0	9	.....	...
Palo Alto-Stanford Hospital Center	A. Dellaporta	11	4404	...	...	4,642	...	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	F.C. Winter	3	118	...	...	4,378	...	...	...	...	...	...	...	.....	...
San Mateo County General (San Mateo)	R. O. Sherwood	2	...	...	...	3,084	...	...	...	...	...	...	...	5796-5796	F
<b>San Francisco</b>															
Pacific Medical Center - Presbyterian <sup>121</sup>	A. Jampolsky	9	795	0	0	3,456	3	2	2	2	0	0	6	6600-8100	O
University of California Program	M. J. Hogan	...	...	...	...	...	4	7	7	8	3	0	25	.....	...
H. C. Moffitt-University of California Hospitals	M. J. Hogan	16	826	0	0	17,269	...	...	...	...	...	...	...	5200-7800	O
Veterans Admin.	D. O. Jesberg	10	325	1	100	1,899	...	...	...	...	...	...	...	4210-8230	O
<b>San Mateo</b>															
San Mateo County General - See Stanford Med. Center and Affiliated Hosps. Palo Alto															
<b>Torrance</b>															
Los Angeles County Harbor General	I. Pilger	5	290	0	0	9,140	3	2	2	1	0	0	5	7632-8892	P
<b>COLORADO</b>															
<b>Denver</b>															
Denver General	P. Kimball	3	146	0	0	12,841	3	1	1	1	0	0	3	4800-5738	P
University of Colorado Affiliated Hospitals <sup>135</sup>	P. Ellis	...	...	...	...	...	3	3	3	2	2	0	11	.....	...
University of Colorado Medical Center	P. Ellis	5	246	0	0	14,380	...	...	...	...	...	...	...	4500-5500	O
Veterans Admin.	C.W. Whistler	6	151	...	...	1,510	...	...	...	...	...	...	...	4610-8230	O
<b>CONNECTICUT</b>															
<b>New Haven</b>															
Yale-New Haven Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yale-New Haven	M. L. Sears	14	650	...	...	9,997	3	3	2	3	1	0	9	6600-8400	P
<b>DISTRICT OF COLUMBIA</b>															
<b>Washington</b>															
Freedmen's <sup>149</sup>	C. L. Cowan	4	112	0	0	5,146	3	2	2	1	0	0	5	7300-10000	O
Georgetown University Affiliated Hospitals	J. J. O'Rourke	...	...	...	...	...	4	4	4	4	4	0	16	.....	...
District of Columbia General	R. P. Kling	10	433	2	50	9,308	...	...	...	...	...	...	...	6500-8500	P
Georgetown University	J. J. O'Rourke	5	130	0	0	2,795	...	...	...	...	...	...	...	6500-8000	P
Sibley Memorial	A. M. Reynolds	9	462	0	0	2,023	...	...	...	...	...	...	...	.....	...
Veterans Admin.	A. Pilkerton	9	149	...	...	2,150	...	...	...	...	...	...	...	7000-10000	P

Numerical and other references are listed on pages 279 through 282.

## 13. OPHTHALMOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970					Salary Per Year Min.-Max.	Main-tenance		
			Number	Neerpsy Per cent	Outpatient Visits	Length of Ap- proved Pro- gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year			Total All Years	
George Washington University Affiliated Hospitals	J. W. Mc Tighe	...	...	...	...	3	3	3	1	1	11	7016-10002	P		
George Washington University	J. W. Mc Tighe	8	250	0	0	2,589	...	...	...	...	...	...	...		
Armed Forces Institute of Pathology	L. E. Zimmerman	...	...	...	...	...	...	...	...	...	...	...	...		
Children's Hospital of the District of Columbia	M. M. Parks	6	1,358	0	0	5,653	...	...	...	...	...	6000-7500	P		
St. Elizabeths Hospital	H. S. Wicker	4	150	0	0	3,500	...	...	...	...	...	7253-8985	O		
Washington Hospital Center	W. D. Foote	44	1,925	2	50	17,279	3	3	3	0	0	9	8200-8400	P	
<b>FLORIDA</b>															
<b>Gainesville</b>															
University of Florida Affiliated Hospitals	H. E. Kaufman	...	...	...	...	3	4	4	2	3	0	13	...	...	
William A. Shands Teaching Hosp. and Clinics	H. E. Kaufman	15	532	...	...	13,805	...	...	...	...	...	...	4700-6000	O	
Duval Medical Center (Jacksonville)	W. H. Houston	6	274	1	0	6,255	...	...	...	...	...	...	7800-7800	P	
Veterans Admin.	T. M. Little	16	105	0	0	808	...	...	...	...	...	...	6000-8000	O	
<b>Jacksonville</b>															
Duval Medical Center - See University of Florida Affiliated Hospitals, Gainesville															
<b>Miami</b>															
University of Miami Affiliated Hospitals	E. W. D. Norton	...	...	...	...	3	5	5	5	0	0	15	...	...	
Jackson Memorial	...	55	1,900	0	0	29,221	...	...	...	...	...	...	5693-6487	P	
Veterans Admin.	...	...	...	...	...	5,260	...	...	...	...	...	...	5730-6750	O	
<b>GEORGIA</b>															
<b>Atlanta</b>															
Grady Memorial <sup>186</sup>	F. P. Calhoun Jr	15	646	0	...	20,948	3	4	4	0	0	12	5700-6900	P	
<b>Augusta</b>															
Medical College of Georgia Hospitals	R. P. Thomas	...	...	...	...	3	2	2	2	0	0	6	...	...	
Eugene Talmadge Memorial	R. P. Thomas	14	442	1	...	3,102	...	...	...	...	...	...	4800-6000	P	
University	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Veterans Admin.	...	4	34	0	0	1,078	...	...	...	...	...	...	4830-8550	P	
<b>ILLINOIS</b>															
<b>Chicago</b>															
Cook County	T. Zekman	22	759	0	0	22,371	3	3	3	0	0	9	5400-7800	F	
Michael Reese Hospital and Medical Center	M. Stillerman	27	923	1	0	7,239	3	3	3	0	0	9	5800-8400	P	
Northwestern University Medical Center	D. E. Shoch	...	...	...	...	7,188	3	3	3	0	0	9	...	...	
Chicago Wesley Memorial	E. Merz	15	617	2	50	...	...	...	...	...	...	...	6000-7000	P	
Children's Memorial	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Passavant Memorial	D. E. Shoch	13	604	1	100	498	...	...	...	...	...	...	6000-7500	P	
Veterans Admin. Research	D. E. Shoch	15	264	0	0	...	...	...	...	...	...	...	6400-8550	P	
Presbyterian-St. Luke's	W. F. Hughes	18	492	0	0	3,514	3	2	2	1	0	5	6000-7000	O	
University of Chicago Hospitals and Clinics	F. W. Newell	11	578	0	0	8,255	3	1	1	1	0	3	6000-7000	O	
University of Illinois Affiliated Hospitals	P. C. Kronfeld	...	...	...	...	...	3	7	7	7	0	21	...	...	
Illinois Eye and Ear Infirmary	...	36	1,325	0	0	51,350	...	...	...	...	...	...	...	...	
University of Illinois Research and Educational Hospitals	...	6	338	0	0	7,392	...	...	...	...	...	...	5400-6200	P	
<b>Evanston</b>															
Evanston	C. V. Barrett	10	564	...	...	1,188	3	1	1	1	0	3	6000-7000	P	
<b>Hines</b>															
Veterans Admin.	W. A. Mann	23	514	4	25	3,933	3	2	2	2	0	6	6400-7000	O	
<b>INDIANA</b>															
<b>Indianapolis</b>															
Indiana University Medical Center	F. M. Wilson	...	...	...	...	...	3	6	6	6	0	0	18	...	...
Indiana University Hospitals	F. M. Wilson	11	671	3	67	11,598	...	...	...	...	...	...	5100-6100	P	
Marion County General	M. Mann	10	234	2	50	7,715	...	...	...	...	...	...	5764-6550	P	
Veterans Admin.	F. M. Wilson	7	190	0	0	1,595	...	...	...	...	...	...	4830-8550	O	
<b>IOWA</b>															
<b>Iowa City</b>															
University of Iowa Hospitals <sup>182</sup>	F. C. Blodi	37	2,364	0	...	25,871	3	...	...	...	...	...	5000-6000	P	
<b>KANSAS</b>															
<b>Kansas City</b>															
University of Kansas Medical Center	A. Lemoine	11	812	0	0	7,239	3	2	2	2	0	6	4800-5620	P	
Veterans Admin. (Kansas City, Mo.)	L. L. Hyde	7	181	0	0	876	...	...	...	...	...	...	4830-6750	O	
<b>KENTUCKY</b>															
<b>Lexington</b>															
University	J. D. Wirtschafter	2	65	0	...	1,217	3	2	1	0	0	3	5560-6760	P	
<b>Louisville</b>															
University of Louisville Affiliated Hospitals	R. Mc Donald	...	...	...	...	...	4	2	3	3	2	0	10	...	...
Louisville General	...	6	286	1	0	6,137	...	...	...	...	...	...	5000-5500	P	
Children's	...	3	189	...	...	2,325	...	...	...	...	...	...	...	...	
Veterans Admin.	...	7	214	...	...	1,236	...	...	...	...	...	...	4830-7430	O	
<b>LOUISIANA</b>															
<b>New Orleans</b>															
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Louisiana State University Division	G. M. Haik	16	488	1	0	16,317	4	...	...	...	...	...	8	5400-6000	F
Tulane University Division	M. G. Holland	17	484	2	50	19,134	3	...	...	...	...	...	8	5400-6000	F
Eye, Ear, Nose and Throat	M. Holland	7	367	0	0	21,385	3	4	3	7	0	14	5400-6000	F	
Ochsner Foundation <sup>188</sup>	R. A. Schimek	9	365	1	100	13,912	3	2	2	2	0	6	6500-7500	O	
Veterans Admin.	M. G. Holland	11	228	0	0	1,185	3	1	1	1	0	3	5800-6800	O	
<b>Shreveport</b>															
Confederate Memorial Medical Center	L. F. Gray	11	473	0	0	7,814	3	2	2	2	0	6	5400-6000	F	

Numerical and other references are listed on pages 279 through 282.

13. OPHTHALMOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-Tenance	
			Number	Neeropsy Per cent	Outpatient Visits	Length of Ab-proved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MARYLAND</b>															
<b>Baltimore</b>															
Baltimore Eye, Ear and Throat															
Charity	18	985	...	...	13,290	3	1	1	0	0	3	5800-6000	F		
Greater Baltimore Medical Center	29	1,687	1	...	17,580	3	2	2	0	0	6	7000-8500	P		
Johns Hopkins <sup>192</sup>	52	2,067†	3	33	23,724	3	5	5	1	0	16	5000-...	P		
Sinai Hospital of Baltimore	10	417	...	...	3,159	3	1	0	1	0	2	5500-6500	P		
University of Maryland	10	456	1	100	6,161	3	2	2	2	0	6	5700-6600	P		
<b>MASSACHUSETTS</b>															
<b>Boston</b>															
Boston University-Tufts University															
Affiliated Hospitals															
E. Friedman, B. Schwartz	...	...	...	...	...	3	5	5	5	0	0	15	...	...	
Boston City	16	424	...	...	18,936	...	...	...	...	...	...	7300-8100	O		
New England Medical Center	2	72	0	0	1,787	...	...	...	...	...	...	6600-10000	O		
University	4	284	...	...	4,942	...	...	...	...	...	...	...	...		
Veterans Admin. (Jamaica Plain)	10	273	...	...	2,504	...	...	...	...	...	...	6600-8100	O		
Massachusetts Eye and Ear Infirmary	101	6,120	3	33	53,340	3	8	6	8	0	22	6600-8100	P		
<b>MICHIGAN</b>															
<b>Allen Park</b>															
Veterans Admin. - See Wayne State University Affiliated Hospitals, Detroit															
<b>Ann Arbor</b>															
University of Michigan Affiliated															
Hospitals	...	...	...	...	...	3	6	6	6	0	0	18	...	...	
University	19	1,041	1	100	16,257	...	...	...	...	...	...	5000-6000	O		
Veterans Admin. Inc. in Surg.	...	...	0	0	...	...	...	...	...	...	...	4830-8550	O		
<b>Detroit</b>															
Grace	22	834	1	0	4,275	3	...	...	...	...	...	4	6300-6900	P	
Harper	26	1,136	1	0	6,949	3	2	2	2	0	6	7500-8100	P		
Henry Ford	25	979	1	100	24,802	3	4	4	4	4	16	6180-7380	P		
Sinai Hospital of Detroit	15	777	0	0	3,492	3	1	1	1	0	3	6600-7800	P		
Wayne State University Affiliated															
Hospitals	...	...	...	...	...	3	5	4	4	0	0	13	...	...	
Veterans Admin. (Allen Park)	8	170	1	100	1,665	...	...	...	...	...	...	4830-8550	O		
Detroit General	15	685	...	...	26,448	...	...	...	...	...	...	6500-7400	P		
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
University of Minnesota Affiliated															
Hospitals	...	...	...	...	...	3	5	5	5	3	0	18	...	...	
Hennepin County General	3	177	...	...	5,093	...	...	...	...	...	...	5000-7000	P		
University of Minnesota Hospitals	19	853	0	0	12,233	...	...	...	...	...	...	5500-6500	O		
Veterans Admin.	18	585	...	...	3,716	...	...	...	...	...	...	5000-8550	O		
Charles T. Miller (St. Paul)	12	707	1	0	1,790	...	...	...	...	...	...	7200-7200	P		
St. Paul-Ramsey (St. Paul)	4	196	0	0	5,087	...	...	...	...	...	...	5000-6500	O		
<b>Rochester</b>															
Mayo Graduate School of Medicine	16	993	0	0	69,619	3	8	8	8	0	24	5400-6800	P		
Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...		
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...		
<b>St. Paul</b>															
Charles T. Miller - See University of Minn Affiliated Hospitals, Minneapolis															
St. Paul-Ramsey - See University of Minn Affiliated Hospitals, Minneapolis															
<b>MISSISSIPPI</b>															
<b>Jackson</b>															
University of Mississippi Medical															
Center	...	...	...	...	...	3	0	2	2	0	0	4	...	...	
University	8	433	0	0	2,546	...	...	...	...	...	...	5400-6000	O		
Veterans Admin. Center	4	155	...	...	3,868	...	...	...	...	...	...	5730-7430	O		
<b>MISSOURI</b>															
<b>Columbia</b>															
University of Missouri Medical															
Center	7	342†	0	0	6,558	3	4	4	4	0	0	12	5000-6000	P	
Kansas City General Hospital and															
Medical Center (Kansas City)	5	193	0	0	6,387	...	...	...	...	...	...	5985-7245	FP		
<b>Kansas City</b>															
Kansas City General Hospital and Medical Center - See University of Missouri Medical Center, Columbia															
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kan.															
<b>St. Louis</b>															
Barnes Hospital Group	59	3,049	0	0	23,354	3	8	8	8	2	2	28†	6000-7000	O	
Veterans Admin.	6	302	1	0	3,085	...	...	...	...	...	...	4830-6750	O		
Homer G. Phillips	7	247	1	0	8,456	3	3	3	3	0	9	5305-6141	P		
St. Louis City <sup>24</sup>	9	256	1	0	8,445	3	3	3	2	0	8	5305-6141	O		
St. Louis University Group of															
Hospitals	23	1,087	0	0	13,865	3	4	4	4	4	0	16	6600-7800	O	
<b>NEBRASKA</b>															
<b>Omaha</b>															
University of Nebraska Affiliated															
Hospitals	...	...	...	...	...	3	2	1	1	0	0	4	...	...	
Douglas County	...	46	0	0	...	...	...	...	...	...	...	...	...		
University of Nebraska	2	65	...	...	4,058	...	...	...	...	...	...	4900-5500	P		
Veterans Admin.	4	156	0	0	...	...	...	...	...	...	...	4830-7430	P		
<b>NEW JERSEY</b>															
<b>East Orange</b>															
Veterans Admin. - See Associated Eye Residencies of New Jersey, Newark															
<b>Jersey City</b>															
Jersey City Medical Center - See Associated Eye Residencies of New Jersey, Newark															

APPROVED RESIDENCIES

13. OPHTHALMOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
			Number	Necropsy Per cent	Outpatient Visits			1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW JERSEY—Continued</b>															
<b>Newark</b>															
Associated Eye Residencies of New Jersey	J. E. Sullivan, Jr., A. A. Cinotti	...	...	...	...	3	5	5	4	0	0	14	...	...	
Jersey City Medical Center (Jersey City)	A. A. Cinotti	9	290	0	0	3,299	...	...	...	...	...	...	6500-7700	O	
Newark City	A. A. Cinotti	5	91	0	0	2,992	...	...	...	...	...	...	6200-8600	P	
United Hospitals of Newark Eye and Ear Infirmary	J.E. Sullivan, Jr.	18	1,395	3	0	8,917	...	...	...	...	...	...	6600-7800	F	
Veterans Admin. (East Orange)	J. Harris	8	175	0	0	2,535	...	...	...	...	...	...	6800-8630	P	
<b>NEW YORK</b>															
<b>Albany</b>															
Albany Medical College Affiliated Hospitals	J. E. Miller	7	376	1	100	4,422	3	4	4	4	0	0	12	6600-8700	P
Albany Medical Center	J. E. Miller	10	586	0	0	33	...	...	...	...	...	...	...	6600-8100	P
Child's	J. Cetner	12	175	1	100	652	...	...	...	...	...	...	...	4830-6750	O
Veterans Admin.	J. E. Miller	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Buffalo</b>															
Buffalo General <sup>18</sup>	M. Riwehchun	28	1,303	1	0	8,680	3	2	2	2	0	0	6	5300-6200	O
Deaconess Hospital of Buffalo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buffalo Eye and Ear Hospital and Wetlaufer Clinic	E. P. Olmsted	10	723	0	0	16,474	3	1	1	1	0	0	3	5300-6200	FP
Edward J. Meyer Memorial	W. Y. Jones	8	264	1	100	12,594	3	1	0	0	0	0	1	5550-6290	P
<b>East Meadow</b>															
Meadowbrook	E. Rahn	5	163	...	67	1,627	3	1	1	0	0	0	2	6316-7416	F
<b>New Hyde Park</b>															
Long Island Jewish Hospital Training Program	P. Ballen	4	285	0	0	1,244	3	2	2	2	0	0	6	6000-7750	O
Long Island Jewish	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Queens Hospital Center (New York City)	...	7	212	2	50	9,330	...	...	...	...	...	...	...	5750-6500	F
<b>New York City</b>															
Albert Einstein College of Medicine Affiliated Hospitals	M. Chamlin	10	400	1	0	19,295	3	3	3	3	0	0	9	4980-5780	F
Bronx Municipal Hospital Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital of the Albert Einstein College of Medicine	...	...	253†	0	0	1,309	...	...	...	...	...	...	...	4980-6000	...
Beth Israel	H. M. Haddad	1	56	0	0	12,166	3	2	2	2	0	0	6	6150-7650	P
Bronx Eye Infirmary	S. Epstein	25	1,490	0	0	23,951	3	3	3	3	0	0	9	4600-5800	F
Brooklyn Eye and Ear	M. A. Lasky	37	3,009	5	40	46,215	3	4	4	3	0	0	11	4800-6000	O
Jewish Hospital and Medical Center of Brooklyn	M. Lasky	9	272	1	...	4,594	3	2	1	1	0	0	4	5000-...	...
Lenox Hill	J. Sauer	15	537	2	50	6,617	3	1	1	1	0	0	3	5600-6400	P
Manhattan Eye, Ear and Throat	D. M. Shafer	69	4,036	1	0	53,152	3	6	6	6	0	0	18	5400-6600	P
Montefiore Hospital and Medical Center	S. Gartner	15	499	0	0	8,215	3	2	2	2	0	0	6	6120-7880	P
Mount Sinai Hospital Training Program	...	...	...	...	...	...	3	6	3	2	1	0	12	...	...
Mount Sinai	I. H. Leopold	42	756	0	0	15,000	...	...	...	...	...	...	...	6000-8000	P
City Hospital Center at Elmhurst	A. Safir	9	167	0	0	13,178	...	...	...	...	...	...	...	6300-7800	F
New York Eye and Ear Infirmary	H. H. Romaine	98	4,686	1	0	56,004	3	7	7	7	0	0	21	4200-5600	P
New York	E. A. Dunlap	24	1,155	1	...	15,769	4	2	2	1	1	0	6	6000-9000	P
<b>New York Medical College-Metropolitan Hospital</b>															
Center	M. A. Galin	...	...	...	...	...	4	3	3	3	3	0	12	6000-9000	F
Unit 1 - Flower and Fifth Avenue	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitals	...	17	869	...	...	3,481	...	...	...	...	...	...	...	...	...
Unit 2 - Metropolitan	...	12	338	0	0	13,511	...	...	...	...	...	...	...	4980-6000	F
Unit 3 - Bird S. Coler Memorial	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospital and Home	...	4	...	0	0	3,718	...	...	...	...	...	...	...	...	...
<b>New York Polyclinic Medical School and Hospital</b>															
Center	S. Schutz	8	326	1	0	3,824	3	1	1	1	0	0	3	5900-6500	P
<b>New York University - Bellevue</b>															
Medical Center	G. M. Breinin	...	...	...	...	...	4	5	5	5	5	0	20	...	...
Bellevue Hospital Center	G. M. Breinin	25	433	...	...	20,042	...	...	...	...	...	...	...	4980-6000	P
University	G. M. Breinin	14	799	1	100	...	...	...	...	...	...	...	...	7440-8680	P
Veterans Admin. (Manhattan)	H. B. Taterka	16	246	1	...	...	...	...	...	...	...	...	...	7090-8550	O
<b>Presbyterian (Institute of Ophthalmology)</b>															
Center	A. G. De Voe	72	3,803	0	0	26,062	3	3	3	3	0	0	9	6000-7000	O
Veterans Admin. (Bronx)	A. S. Haft	14	241	1	100	3,936	...	...	...	...	...	...	...	7090-7890	O
<b>Queens Hospital Center - See Long Island Jewish Hosp. Training Program, New Hyde Park</b>															
St. Luke's Hospital Center	G. Clark	17	686	0	0	10,969	3	1	1	1	0	0	3	6000-7000	P
<b>St. Vincent's Hospital and Medical Center of New York</b>															
Center	R. Castroviejo	16	494	0	0	7,251	3	1	1	1	0	0	3	5500-6500	P
<b>State University - Kings County</b>															
Medical Center <sup>242</sup>	R. C. Troutman	...	...	...	...	...	3	6	6	6	2	0	20	...	...
Kings County Hospital Center	R. C. Troutman	19	612	4	33	20,856	...	...	...	...	...	...	...	4980-6000	P
<b>Long Island College</b>															
Center	A. I. Fink	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maimonides Medical Center	B. Schwartz	9	445	0	0	4,062	...	...	...	...	...	...	...	6000-7750	P
State University	R. C. Troutman	...	10†	...	...	1,200	...	...	...	...	...	...	...	6690-8110	O
Veterans Admin. (Brooklyn)	A. A. Levine	11	247	1	...	1,620	...	...	...	...	...	...	...	7090-8310	O
<b>Rochester</b>															
St. Mary's	S. J. Ianacone	10	718†	...	...	1,352	3	1	1	1	0	0	3	5750-6750	P
Strong Memorial Hospital of the University of Rochester	A. C. Snell	9	518	1	...	4,875	3	1	1	1	1	0	4	5500-8500	P
<b>Syracuse</b>															
S.U.N.Y. Upstate Medical Center	J. L. Mc Graw	20	797	0	0	5,086	3	2	2	2	0	0	6	6600-7500	O
Veterans Admin.	...	7	138	...	...	463	...	...	...	...	...	...	...	5050-8550	O
<b>Valhalla</b>															
Grasslands	A. W. Forrest	3	130	...	...	4,852	3	1	1	1	0	0	3	9256-10764	P

Numerical and other references are listed on pages 279 through 282.

13. OPHTHALMOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Main-tenance O	
			Number	Necropsy Per cent	Outpatient Visits	Length of Ap-proved Pro-gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years			
<b>NORTH CAROLINA</b>															
<b>Chapel Hill</b>															
North Carolina Memorial Hospital - Mc Pherson	S. D. Mc Pherson, Jr.	4	361+	0	0	7,269	3	2	2	2	0	0	6	4500-6500	O
North Carolina Memorial - Mc Pherson (Durham)		15	872	1	0	25,313								6500	P
<b>Durham</b>															
Duke University Affiliated Hospitals - Duke	J. A. C. Wadsworth	13	709			6,979	3	3	3	3	0	0	9	5500-7000	P
Veterans Admin. - Mc Pherson Hospital - North Carolina Memorial	S. D. Mc Pherson, Jr.	14	260											4610-8230	O
Mc Pherson		15	872	1	0	25,313	3	2	2	2	0	0	6	6500	P
North Carolina Memorial (Chapel Hill)		4	361			7,269								4500-6500	O
<b>Winston-Salem</b>															
North Carolina Baptist Hospitals	W. Roberts	11	596			6,486	4	2	1	1	0	0	4	5500-7500	P
<b>OHIO</b>															
<b>Akron</b>															
Akron City	D. W. Mathias	5	210	2	100	309	3	1	1	1	0	0	3	8420-9440	P
<b>Cincinnati</b>															
University of Cincinnati Hospital Group - Cincinnati General	T. Asbury	9	318			10,147	3	3	3	3	0	0	9	5640-6240	P
<b>Cleveland</b>															
Cleveland Clinic	R. J. Kennedy	9	621			17,262	3	2	3	2	0	0	7	5400-6200	P
St. Vincent Charity	H. S. Siegel	8	304	3	0	3,771									
Cleveland Metropolitan General	R. J. Nicholl	5	195	1		11,002	3	2	2	2	0	0	6	5800-7260	P
St. Luke's		12	537	0	0	3,671								6600-8100	P
Fairview General	R. Kirk	3	216	0	0	398	3	1	1	1	0	0	3	5200-6400	FP
Mount Sinai Hospital of Cleveland	J. A. Gans	11	666	0	0	5,179	3	2	1	1	0	0	4	6600-8100	O
University Hospitals of Cleveland	C. I. Thomas	16	769	0	0	10,522	3	3	3	3	0	0	9	6000-7500	P
Veterans Admin.		17	359	1	100	1,656								6850-8350	P
<b>Columbus</b>															
Ohio State University Hospitals	T. Makley	30	1,481	0	0	15,000	3	5	5	5	0	0	15	3600-5200	P
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
University of Oklahoma Medical Center - University of Oklahoma Hospitals	T. O. Coston	9	379	1		4,527	3	2	3	2	0	0	7	6100-7100	P
Veterans Admin.	R. G. Small	14	365	2	100	2,223									
St. Anthony	T. O. Coston	23	1,382	4	50	749								8700-9600	P
<b>OREGON</b>															
<b>Portland</b>															
Good Samaritan Hospital and Medical Center	M. Reeh	27	1,517	2		5,999	3	1	1	1	0	0	3	6600-7800	
University of Oregon Affiliated Hospitals	K. C. Swan						3	3	3	3	0	0	9		
University of Oregon Medical School Hospitals and Clinics		13	480	1	0	10,723								4200-6000	FP
Veterans Admin.			344	1	100	950								5460-6440	P
<b>PENNSYLVANIA</b>															
<b>Danville</b>															
Geisinger Medical Center	J. L. Curtis	9	503	0	0	16,398	3	2	2	2	0	0	6	5800-6300	P
<b>Philadelphia</b>															
Graduate Hospital of the University of Pennsylvania	R. H. Trueman	15	410	0	0	3,128	3	1	1	1	0	0	3	5400-6000	P
Hospital of the University of Pennsylvania	H. G. Scheie	37	1,449	1	100	6,403	3	7	7	6	1	2	23	4500-6500	O
Children's Hospital of Philadelphia		3	108	0	0	2,035								4500-6500	
Philadelphia General		8	209	0	0	6,904	3	2	2	2	0	0	6	6800-7700	O
Veterans Admin.														4830-7430	O
Jefferson Medical College	W. C. Frayer	8	435			4,851	3	3	3	3	0	0	9	5500-6500	O
Philadelphia General	H. G. Scheie	8	209	0	0	6,904								6800-7700	O
University of Pennsylvania Service															
Wills Eye Hospital-Temple University	A. H. Keeney						3	14	14	13	0	0	41+		
Wills Eye Hospital and Research Institute	A. H. Keeney	136	6,740	3	1	62,484								3270-5070	P
Temple University	G. G. Gibson	10	369	2	50	4,264								5000-6200	P
<b>Pittsburgh</b>															
Health Center Hospitals of the University of Pittsburgh	M. F. Mc Caslin						3	5	5	5	0	0	15	7500	
Allegheny General														6000-7000	O
Children's Hospital of Pittsburgh	D. Hiles	4	199	0	0	1,960								5500-6250	P
Eye and Ear Hospital of Pittsburgh	M. F. Mc Caslin	63	3,460	2	100	8,862								6300	
Mercy														5500-6750	O
Veterans Admin.	R. Lehman	15	276	1	0	1,138								6000-7000	P
Montefiore	S. Goldberg	24	993	2	50	4,021	3	1	1	1	0	0	3		
<b>Sayre</b>															
Robert Packer	E. Kulczycki	6	263	0	0	10,448	3	1	1	1	0	0	3	5000-5500	FP
<b>PUERTO RICO</b>															
<b>San Juan</b>															
University of Puerto Rico Affiliated Hospitals	G. Pico						3	5	4	4	0	0	13		
Municipal Hospital Dr. Rafael Lopez Nussa			488			12,286								6300-7500	P
University District															
Veterans Admin. Center		5	109	0	0	2,917								6300-7200	P

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 13. OPHTHALMOLOGY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>RHODE ISLAND</b>															
<b>Providence</b>															
Rhode Island	H. F. Stephens	13	1,027	1	...	4,207	3	1	1	1	0	0	3	6600-8100	P
<b>SOUTH CAROLINA</b>															
<b>Charleston</b>															
Medical Center Hospitals	W. W. Vallotton	...	...	...	...	...	3	3	3	3	0	0	9	...	...
Medical College	...	11	562†	0	0	4,850	...	...	...	...	...	...	...	4380-5400	P
Charleston County	...	6	28	0	0	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	...	4830-6750	O
<b>TENNESSEE</b>															
<b>Chattanooga</b>															
Baroness Erlanger	L. H. Lassiter	17	951	1	0	3,483	3	1	1	1	0	0	3	6600-7200	F
<b>Memphis</b>															
University of Tennessee Affiliated															
Hospitals	P. M. Lewis	...	...	...	...	...	3	3	3	3	0	0	9	...	...
City of Memphis Hospitals	P. M. Lewis	9	460	0	0	9,066	...	...	...	...	...	...	...	5016-6138	F
Methodist	P. M. Lewis	35	1,855	1	0	4,868	...	...	...	...	...	...	...	5700-7500	F
Veterans Admin.	G. R. Woodbury	15	288	...	...	3,930	...	...	...	...	...	...	...	7160-9160	O
<b>Nashville</b>															
George W. Hubbard Hospital of the Meharry Medical College	A. C. Hansen	3	98	0	0	3,699	3	1	1	1	0	0	3	5100-5700	F
Vanderbilt University Affiliated	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitals	J. H. Elliott	...	...	...	...	...	3	3	3	3	0	0	9	...	...
Vanderbilt University	...	29	1,284	...	...	10,326	...	...	...	...	...	...	...	5100-6300	P
Nashville Metropolitan General	...	...	...	1	0	2,921	...	...	...	...	...	...	...	3300-4200	P
Veterans Admin.	...	6	118	6	76	...	...	...	...	...	...	...	...	4830-5730	O
<b>TEXAS</b>															
<b>Dallas</b>															
Parkland Memorial	J. P. Lynn	11	550	...	...	14,185	3	...	...	...	...	...	10	5160-5820	P
Veterans Admin.	S. B. Gostin	24	505	...	...	5,560	3	1	1	1	0	0	3	4830-6750	P
<b>Galveston</b>															
University of Texas Medical Branch															
Hospitals	E. C. Ferguson	13	436	2	0	4,878	3	3	3	3	0	0	9	6000-7400	P
<b>Houston</b>															
Baylor University Affiliated Hospitals															
Ben Taub General	L. J. Girard	8	353	0	0	12,734	...	5	5	5	0	0	15	5100-6205	P
Methodist	...	38	1,370	4	25	304	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	15	300	3	67	3,365	...	...	...	...	...	...	...	...	...
Hermann	R. S. Ruiz	30	1,763	1	0	5,968	3	2	2	2	0	0	6	6300-7200	P
<b>San Antonio</b>															
Univ of Texas Medical School at San Antonio Teaching Hospitals															
Robert B. Green Memorial <sup>129</sup>	J. B. Aust	9	372	0	0	8,153	3	2	2	1	0	0	5	6900-8700	O
<b>Temple</b>															
Scott and White Memorial <sup>312</sup>	E. R. Veirs	16	618†	...	...	19,145	3	2	2	2	0	0	6	5200-6300	P
<b>VIRGINIA</b>															
<b>Charlottesville</b>															
University of Virginia	M. K. Humphries	9	516	0	0	6,715	3	2	2	2	0	0	6	4800-6000	O
<b>Richmond</b>															
Medical College of Virginia-Hospital															
Division	D. Guerry, 3D	7	367	0	0	12,327	3	3	3	3	0	0	9	4800-5400	P
Veterans Admin.	E. W. Perkins	9	250	2	50	2,734	3	1	1	1	0	0	3	4830-8550	P
<b>WASHINGTON</b>															
<b>Seattle</b>															
University of Washington Affiliated															
Hospitals	C. Kupfer	...	...	...	...	...	3	3	3	3	0	0	9	...	...
University	C. Kupfer	1	31†	...	...	1,537	...	...	...	...	...	...	...	6000-7000	P
King County	R. Kalina	3	104	0	0	2,684	...	...	...	...	...	...	...	6000-7000	P
Children's Orthopedic Hospital and Medical Center	R. H. Johnson	2	215	0	0	1,516	...	...	...	...	...	...	...	6000-8000	P
U. S. Public Health Service	A. T. Milauskas	6	137	0	0	7,063	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	...	5500-8460	P
<b>WEST VIRGINIA</b>															
<b>Morgantown</b>															
West Virginia University Medical Center	R. R. Trotter	6	261	...	...	7,519	3	2	2	2	1	0	7†	7000-...	O
<b>WISCONSIN</b>															
<b>Madison</b>															
University of Wisconsin Affiliated															
Hospitals	P. A. Duehr	...	...	...	...	...	3	4	3	3	3	0	13	...	...
University Hospitals	...	24	852	...	...	6,819	...	...	...	...	...	...	...	4600-7150	P
Veterans Admin.	...	6	173	1	100	942	...	...	...	...	...	...	...	4830-6750	P
<b>Milwaukee</b>															
Marquette University Affiliated															
Hospitals	R. O. Schultz	...	...	...	...	...	3	6	6	6	1	0	19	...	...
Milwaukee County General	R. O. Schultz	20	237†	0	0	12,641	...	...	...	...	...	...	...	5200-7000	P
Lutheran Hospital of Milwaukee	J. B. Hitz	8	353	0	0	15	...	...	...	...	...	...	...	5199-7009	P
Milwaukee Children's	A. C. Kissling	2	398	0	0	2,206	...	...	...	...	...	...	...	...	...
Veterans Admin. Center (Wood)	R. H. Lehman	16	288	2	100	3,210	...	...	...	...	...	...	...	7200-10600	P

14. ORTHOPEDIC SURGERY

Type of training acceptable to Board: A—Adult Orthopedics; C—Children's Orthopedics; F—Fractures. Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Board of Orthopaedic Surgery, through the Residency Review Committee for Orthopedic Surgery, as offering acceptable training in adult orthopedics, children's orthopedics, and fractures. Training in the basic sciences is given either as an integral part of these services or as a separate course. Services collaborating in an integral plan of training are designated by a program number, a list of which is found on pages 193 and 194. Residents completing their training in these hospitals are eligible for full certification by the American Board of Orthopaedic Surgery, including children's orthopedic surgery. Programs, 261; Residencies, 1,934

	Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
						Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>																
<b>TEXAS</b>																
Wilford Hall U.S.A.F., San Antonio	J. L. Earle	ACF	120	162	2,797	2	100	30,600	4	4	4	4	0	16	.....	...
<b>UNITED STATES ARMY</b>																
<b>CALIFORNIA</b>																
Letterman General, San Francisco	A.O. Heldobler	AF	40	180	1,532	2	50	11,605	0	3	3	3	0	9	.....	...
<b>COLORADO</b>																
Fitzsimons General, Denver - See Univ. of Colorado Affiliated Hospitals, Denver, Colo.																
<b>DISTRICT OF COLUMBIA</b>																
Walter Reed General, Washington	C.W.Metz	ACF		435	1,577	7	85	22,830	0	4	4	4	0	12	.....	...
<b>HAWAII</b>																
Tripler General, Honolulu <sup>99</sup>	W.E. Burkhalter	ACF	86	195	2,002	3	67	37,872	0	3	3	3	0	9	.....	...
<b>TEXAS</b>																
William Beaumont General, El Paso <sup>233</sup>	W. F. Mac Donald	AF	96	124	1,798	7	100	33,555	0	2	2	2	0	6	.....	...
Brooke General, San Antonio	G. E. Omer, Jr.	ACF	117	277	2,008	4	75	33,204	0	3	3	3	0	9	.....	...
<b>UNITED STATES NAVY</b>																
<b>CALIFORNIA</b>																
U. S. Naval, Oakland	H.W.S.Huseby	AF	20	206	1,588	5	100	19,561	2	3	3	0	0	8	.....	...
U. S. Naval, San Diego	W. S. Stryker	ACF		195	2,351	4	100	18,223	2	2	2	0	0	6	.....	...
<b>MARYLAND</b>																
U. S. Naval, Bethesda	R. H. Brown	AF	20	181	1,346	4	75	24,134	2	2	2	0	0	6	.....	...
<b>MASSACHUSETTS</b>																
U. S. Naval, Chelsea	J. W. Howard	AF	20	140	815	2	100	6,420	2	2	1	0	0	5	.....	...
<b>PENNSYLVANIA</b>																
U. S. Naval, Philadelphia	M. C. Wilbur	AF	20	332	1,885	12	25	12,626	2	2	2	0	0	6	.....	...
<b>SOUTH CAROLINA</b>																
U.S. Naval, Charleston - See Medical Center Hospitals, Charleston, S. C.																
<b>VIRGINIA</b>																
U. S. Naval, Portsmouth	C. S. Lambdin	AF	20	303	2,149	5	20	42,195	1	3	2	0	0	6	.....	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>																
<b>ALASKA</b>																
U. S. Public Health Service Alaska Native Medical Center, Anchorage	G. L. Momberger	C	110	40	435	...	...	840	...	...	...	...	...	...	.....	...
<b>CALIFORNIA</b>																
U. S. Public Health Service, San Francisco	R. E. Burky	AF	110	51	1,249	0	0	8,293	2	2	2	2	0	8	.....	...
<b>LOUISIANA</b>																
U. S. Public Health Service, New Orleans	J. Wickstrom	AF	10	41	661	0	0	5,628	1	1	1	1	0	4	.....	...
<b>NEW YORK</b>																
U.S. Public Health Service (Staten Island), New York City <sup>271</sup>	A. A. Michele	AF	127	83	1,293	3	66	16,498	2	2	2	2	0	8	.....	...
<b>WASHINGTON</b>																
U. S. Public Health Service, Seattle - See Univ. of Washington Affiliated Hospitals, Seattle, Wash.																
<b>OTHER FEDERAL</b>																
<b>CANAL ZONE</b>																
Gorgas, Balboa Heights	S. Walton	ACF		36	883	9	67	13,014	1	2	2	2	0	7	8705-11361	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>																
<b>ALABAMA</b>																
<b>Birmingham</b>																
University of Alabama Medical Center	C.L.Yelton	...	...	...	...	...	...	...	3	2	3	1	0	9	.....	...
Crippled Children's Clinic and Hospital		C	44, 68, 75	57	1,302	4	25	5,001	0	0	2	2	0	4	4200-4560	P
University of Alabama Hospitals and Clinics		ACF	44	41	862	8	50	3,944	...	...	...	...	...	...	6240-8040	P
Veterans Admin.		AF	44	35	511	11	43	2,767	...	...	...	...	...	...	4830-8550	O
<b>Fairfield</b>																
Lloyd Noland	W.T.Tarpley	AF	68	23	954	6	67	17,841	1	1	1	1	0	4	6900-10800	FP
<b>Mobile</b>																
Mobile General	R.T.King	ACF		23	717	7	42	3,680	2	1	1	1	0	5	6840-8640	P

14. ORTHOPEDIC SURGERY — Continued

	Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
						Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>ARIZONA</b>																
<b>Phoenix</b>																
Crippled Children's	W.A.Colton,Jr	C	40,96	40	472	0	0	5,967	0	0	0	3	0	3	.....	P
<b>ARKANSAS</b>																
<b>Little Rock</b>																
University of Arkansas Medical Center	G.S.Campbell	..	94	..	..	..	..	..	3	3	3	2	0	11	.....	..
Arkansas Children's	J.H.Bowker	C	94	21	436	0	0	2,086	..	..	..	..	..	..	5000-6000	P
University	G.S.Campbell	AF	94	24	727	6	50	3,469	..	..	..	..	..	..	4900-6500	O
Veterans Admin. Consolidated	G.S.Campbell	AF	94	35	588	9	56	1,673	..	..	..	..	..	..	5730-8550	P
<b>CALIFORNIA</b>																
<b>Costa Mesa</b>																
Fairview State - See Orange County Medical Center Orthopedic Program, Orange																
<b>Daly City</b>																
Mary's Help - See San Francisco Combined Prog. for Ortho. Residency Trng.																
<b>Downey</b>																
Rancho Los Amigos	V. L. Nickel	AC	10, 111	..	..	..	..	5,241	..	..	..	..	..	..	7632-10080	P
<b>Eldridge</b>																
Sonoma State - See University of California Program, San Francisco																
<b>Imola</b>																
Napa State - See San Francisco Combined Prog. for Ortho. Residency Trng.																
<b>Long Beach</b>																
Long Beach Community	C. O. Bechtol	ACF	90,118	50	2,181‡	25	0	1,481	1	1	0	0	0	2	6900-8200	O
Veterans Admin. <sup>102</sup>	R.H. Hutchison	AF	64	43	575	6	100	3,430	2	2	2	2	0	8	8032-10564	O
<b>Los Angeles</b>																
Childrens Hospital of Los Angeles	J. C. Wilson,Jr	C	111	16	5880	..	..	11,094	0	0	3	0	0	3	8256-8892	P
Los Angeles County-U.S.C. Medical Center	P. Harvey	ACF	111	158	4,430	89	10	45,849	8	8	8	8	0	32	7632-9528	P
Orthopaedic	J. V. Luck	ACF	20,119	133	5,110	17	12	55,215	1	4	5	6	1	17	5400-8800	P
<b>Shriners Hospital for Crippled</b>																
Children	G. W. Westin	C	1,340,90	53	286	0	0	2,396	0	0	0	3	0	3	.....	..
U. C. L. A.	C. O. Bechtol	AF	90, 118	19	743	2	0	5,936	2	2	2	0	0	6	5400-6700	O
Veterans Admin. Center-Wadsworth	R. E. Richter	AF	119	64	1,175	18	67	15,438	3	3	3	0	0	9	8656-10564	P
White Memorial Medical Center <sup>104</sup>	A.J. Neufeld	ACF	111	18	626	2	50	5,975	2	2	2	3	0	9	6660-8460	P
<b>Oakland</b>																
Children's Hospital Medical Center of Northern California	See University of California Program, San Francisco															
Highland General	R.M. Jameson	AF	1,2,3	66	1,349	10	40	11,890	..	..	..	..	..	..	.....	..
Samuel Merritt	See University of California Program, San Francisco															
<b>Orange</b>																
Orange County Medical Center																
Orthopedic Program <sup>102</sup>	S. A. Anzel	..	64	..	..	..	..	..	2	2	2	0	0	6	.....	..
Orange County Medical Center	S.A. Anzel	ACF	64	32	902	8	100	5,192	..	..	..	..	..	..	7296-9312	P
Childrens Hospital of Orange County	S.A. Anzel	C	64	6	315	0	0	177	..	..	..	..	..	..	.....	..
Fairview State (Costa Mesa)	H.K.Sachs	C	64	10	130	0	..	119	..	..	..	..	..	..	7301-10109	P
<b>Palo Alto</b>																
Palo Alto-Stanford Hospital Center <sup>128</sup>	C.H. Hatcher	ACF	..	46	1,519‡	9	56	3,377	1	2	0	2	0	5	5700-7300	P
<b>San Diego</b>																
San Diego Orthopedic Residency Training Program																
University Hospital of San Diego County	F. B. Kimball	..	109	..	..	..	..	..	2	2	2	2	0	8	.....	..
Childrens	F. B. Kimball	AF	109	45	853	21	40	4,641	..	..	..	..	..	..	5200-7200	P
Donald N. Sharp Memorial Community	C. K. Barta	C	109	10	463	..	..	2,034	..	..	..	..	..	..	5200-8400	P
Mercy	F. B. Kimball	AF	109	36	1,061	1	33	0	..	..	..	..	..	..	5200-7200	O
Mercy	H. Wiggins	AF	109	42	1,608	8	13	1,209	..	..	..	..	..	..	4980-6780	F
<b>San Francisco</b>																
Pacific Medical Center - Presbyterian																
San Francisco Combined Program for Orthopedic Residency Training	D. King	AF	1	35	1,321	9	0	1,296	1	1	1	0	0	3	6600-8100	O
Mary's Help (Daly City)	L. W. Taylor	..	108	..	..	..	..	..	5	5	5	0	0	15	.....	..
St. Joseph's	M.C.Mensor	ACF	108	43	1,145	8	25	406	..	..	..	..	..	..	6000-8400	O
St. Mary's	R. Soto-Hall	ACF	108	31	931	..	..	1,566	..	..	..	..	..	..	.....	..
Napa State (Imola)	L. W. Taylor	AF	108	43	1,348	16	62	531	..	..	..	..	..	..	7800-9000	O
University of California Program <sup>102</sup>	J. Ward, Jr.	AF	108	..	..	..	..	..	..	..	..	..	..	..	.....	..
H. C. Moffitt-University of California Hospitals	D. B. Lucas	..	2	..	..	..	..	..	7	10	9	9	0	35	.....	..
Children's Hospital and Adult Medical Center	V. T. Inman	ACF	2	38	922	2	50	5,878	..	..	..	..	..	..	5200-8400	O
Franklin	L. Larsen	C	2	37	932	4	0	1,603	..	..	..	..	..	..	7800-9600	P
San Francisco General	F. Cox	A	2	38	1,119	5	40	..	..	..	..	..	..	..	5196-7200	P
Shriners Hospital for Crippled Children	D. B. Lueas	AF	2	68	1,360	22	9	4,763	..	..	..	..	..	..	4692-8652	P
Veterans Admin.	E. R. Schottstaedt	C	2,40	59	264	0	0	2,641	..	..	..	..	..	..	.....	P
Sonoma State (Eldridge)	F. H. Jergesen	AF	2, 3	38	285	3	67	909	..	..	..	..	..	..	4210-8230	O
Children's Hospital Medical Center of Northern California (Oakland)	R.L.Samilson	C	2	76	237	2	100	3,317	..	..	..	..	..	..	3800-5000	O
Highland General (Oakland) - See also Highland General, Oakland	C. Rowe	C	2	10	498	0	0	1,394	..	..	..	..	..	..	5572-7718	FP
Samuel Merritt (Oakland)	R. Jameson	AF	1,2,3	..	..	..	..	..	..	..	..	..	..	..	.....	..
Shriners Hospital for Crippled Children (Honolulu, Hawaii)	D.F. Bellamy	AF	2	59	2,313	20	15	..	..	..	..	..	..	..	5772-7728	P
Torrance	I.J. Larsen	C	2,86	..	..	..	..	..	..	..	..	..	..	..	.....	..
<b>Los Angeles County Harbor General</b>																
Los Angeles County Harbor General	D. Street	AF	90, 119	44	974	21	43	19,315	2	2	2	2	0	8	7632-9528	P

14. ORTHOPEDIC SURGERY — Continued

Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P P O	
					Number	Neurosy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>COLORADO</b>																
<b>Denver</b>																
University of Colorado Affiliated Hospitals	J.S.Miles	...	...	...	...	...	...	5	4	5	4	0	18	...	...	
University of Colorado Medical Center	J. S. Miles	AF	4	22	737	4	50	6,628	...	...	...	...	...	4500-5500	O	
Veterans Admin.	M.E.Gibbens	AF	4	26	456	6	83	4,650	...	...	...	...	...	4610-8230	O	
Children's	E. Franz	C	4	16	8,582	...	...	4,039	...	...	...	...	...	4500-5000	P	
Denver General	L. Hawkins	AF	4	27	611	16	50	6,843	...	...	...	...	...	5256-6300	P	
Fitzsimons General	P. W. Brown	AF	4	171	3,348	9	67	34,399	...	...	...	...	...	...	...	
<b>CONNECTICUT</b>																
<b>Hartford</b>																
Hartford - See Yale-New Haven Medical Center, New Haven																
<b>New Haven</b>																
Hospital of St. Raphael	W. S. Perham	AF	79	42	1,138	19	47	4,443	1	1	1	1	0	4	5400-8220	P
Yale-New Haven Medical Center	W.O.Southwick	...	5	...	...	...	...	...	0	7	2	3	0	12	...	O
Yale-New Haven	W. O. Southwick	AF	5	43	1,279	15	33	7,025	...	...	...	...	...	...	6600-8400	P
Hartford	H. R. Gossling	AF	5	66	1,726	23	26	47	...	...	...	...	...	...	7000-8500	P
Newington Children's (Newington)	B.H.Curtis	C	5,82	95	740	0	0	6,696	...	...	...	...	...	...	8400-8400	O
Veterans Admin. (West Haven)	W.O.Southwick	AF	5	19	303	2	50	2,928	...	...	...	...	...	...	...	
<b>Newington</b>																
Newington Hospital for Crippled Children - See Yale-New Haven Medical Center, New Haven																
<b>West Haven</b>																
Veterans Admin. - See Yale-New Haven Medical Center, New Haven																
<b>DELAWARE</b>																
<b>Wilmington</b>																
Alfred I. Dupont Institute of the Nemours Foundation	A. R. Shands, Jr.	C	20	40	465	1	100	8,591	0	0	2	2	0	4	4800-...	F
Veterans Admin. <sup>20</sup>	G. D. Mac Ewan	A	77	30	256	1	100	3,741	...	...	...	...	...	...	4830-8550	P
<b>DISTRICT OF COLUMBIA</b>																
<b>Washington</b>																
Children's Hospital of the District of Columbia	T. Foley	C	...	10	309	0	0	2,360	...	...	...	...	...	...	...	
District of Columbia General (Howard University Service)	C. H. Epps	ACF	115	57	689	14	43	15,306	2	2	2	2	0	8	...	
District of Columbia General (Crippled Children's Unit)	C. Keck	C	14,83,115	...	...	...	...	...	...	...	...	...	...	...	6500-8500	P
Georgetown University	G. Hyatt	AF	14	22	584	4	75	6,814	2	4	4	2	0	12+	7000-8500	P
George Washington University	J. P. Adams	AF	83	36	1,159	9	78	927	2	3	2	1	0	8	7016-9020	P
Sibley Memorial	G. W. Hyatt	ACF	14	25	693	6	50	2,198	...	...	...	...	...	...	...	
Veterans Admin.	A	A	14,83,115	32	161	2	50	1,487	...	...	...	...	...	...	...	
Washington Hospital Center	W. J. Tobin	AF	54	51	1,312	6	83	2,805	2	2	2	0	0	6	8200-8500	P
<b>FLORIDA</b>																
<b>Gainesville</b>																
William A. Shands Teaching Hosp. and Clinics	W. F. Enneking	ACF	123	25	612	5	40	5,567	2	2	2	2	2	10	4500-8000	O
Veterans Admin.	T. K. Greenlee, Jr.	AF	123	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Jacksonville</b>																
Jacksonville Hospitals Educational Program	J. T. Hocker	...	62	...	...	...	...	...	2	2	2	0	0	6	...	
Baptist Memorial	G. I. Raybin	AF	62	39	1,332	12	25	23	...	...	...	...	...	...	5700-6900	P
Duval Medical Center	J. Q. U. Thompson	AF	62	20	544	3	0	7,410	...	...	...	...	...	...	7800-9000	P
Hope Haven Children's	C. Mead	C	62	17	331	1	100	3,664	...	...	...	...	...	...	5700-6600	P
<b>Miami</b>																
Jackson Memorial	W. E. Miller	AF	76	110	2,090	38	4	9,978	1	5	5	5	0	16	5693-6890	P
Variety Children's	R. P. Keiser	C	76	16	551	...	...	5,809	0	0	5	0	0	5	6384-6384	P
<b>Miami Beach</b>																
Mount Sinai Hospital of Greater Miami	L. Russin	AF	118	37	826	21	24	1,441	1	1	1	0	0	3	7300-8300	P
<b>Orlando</b>																
Orange Memorial	W. R. Willis	ACF	20	99	4,028	16	6	6,302	2	2	2	2	0	8	6300-7200	P
<b>GEORGIA</b>																
<b>Atlanta</b>																
Emory University Affiliated Hospitals	R. P. Kelly	...	39	...	...	...	...	...	3	3	3	0	0	9	...	
Emory University	R. P. Kelly	AF	39	19	583+	2	50	...	...	...	...	...	...	...	...	
Grady Memorial	R. P. Kelly	ACF	39	50	1,304	19	26	14,029	...	...	...	...	...	...	6000-6900	P
Henrietta Egleston Hospital for Children	R. P. Kelly	C	39	3	235	0	0	5,976	...	...	...	...	...	...	5000-7000	P
Veterans Admin.	J. C. Thoroughman	A	39	...	...	...	...	...	...	...	...	...	...	...	4830-8550	P
Georgia Baptist	W. Lovell	AF	113	53	1,808	13	38	179	1	1	1	1	0	4	6000-6500	P
<b>Augusta</b>																
Medical College of Georgia Hospitals	F. E. Bliven	...	114	...	...	...	...	...	3	3	2	2	0	10	...	
Eugene Talmadge Memorial	F. E. Bliven	ACF	114	26	591	6	90	3,265	...	...	...	...	...	...	4800-7600	P
University	J. L. Chandler	A	114	35	1,080	23	13	861	...	...	...	...	...	...	...	
Veterans Admin.	P. Sabatelle	A	114	16	135	1	0	1,051	...	...	...	...	...	...	4830-8550	P
<b>Columbus</b>																
Medical Center	J. C. Hughston	AF	15	33	1,282	7	...	847	0	0	2	0	0	2	10000-10000	F
<b>Decatur</b>																
Scottish Rite Hospital for Crippled Children	W. W. Lovell	C	10,113	46	750	1	0	3,500	0	2	1	0	0	3	4200-4200	P
<b>HAWAII</b>																
<b>Honolulu</b>																
Shriners Hospital for Crippled Children	I. J. Larsen	C	2, 86	38	176	0	0	3,457	...	...	...	...	...	...	...	

14. ORTHOPEDIC SURGERY — Continued

Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Salary per Year Min.-Max.	Main-tenance O	
					Number	Neurosy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years			
<b>ILLINOIS</b>																
<b>Chicago</b>																
Michael Reese Hospital and Medical Center	J. Finder	ACF	65	1,398	14	28	7,171	2	2	2	2	0	8	5800-8400	P	
Northwestern University Medical Center	M. Tachdjian	C	121	25	1,078	3	60	5,797	0	0	2	2	0	4	6000-8000	P
Northwestern University Medical Center-Cook County	J. K. Stack	...	7	...	...	...	1,937	0	10	14	15	6	45	...	...	
Chicago Wesley Memorial	E. L. Compere	ACF	7	75	1,893	13	46	...	...	...	...	...	...	6000-7500	F	
Cook County	J.T.Hartman	ACF	7	165	6,481	85	100	28,645	...	...	...	...	...	5400-7800	F	
Passavant Memorial	J.K.Stack	A	7	31	926	7	28	3,570	...	...	...	...	...	6000-7500	P	
St. Anne's	J. J. Callahan	A	7	46	1,070	34	28	3,009	...	...	...	...	...	6600-6600	O	
Veterans Admin. Research	E.L. Compere	AF	7	29	533	7	29	...	...	...	...	...	...	6400-8550	O	
Evanston (Evanston)	N. N. Mead	AF	7	52	1,731	11	55	570	...	...	...	...	...	6000-7500	P	
St. Francis (Evanston)	J.J.Fahey	AF	7	81	1,321	...	...	8,253	...	...	...	...	...	6780-6900	FP	
Shriners Hospital for Crippled Children	E. A. Millar	C	50	64	397	0	0	4,748	...	...	...	...	...	...	P	
University of Chicago Hospitals and Clinics	J. Stevens	ACF	21	697	1	0	6,000	1	2	0	3	0	6	6000-7500	O	
University of Illinois Affiliated Hospitals	R. D. Ray	...	47	...	...	...	...	3	4	3	3	0	13	...	...	
Presbyterian-St. Luke's	...	AF	47	65	759	4	25	2,678	...	...	...	...	...	6000-7500	P	
University of Illinois Research and Educational Hospitals	...	ACF	47	66	1,025	7	43	13,690	...	...	...	...	...	5400-6600	P	
Veterans Admin. (West Side)	C.J. O'Neill	AF	50	40	554	7	75	2,080	1	1	0	0	2	6400-8550	O	
<b>Evanston</b>																
Evanston - See Northwestern Univ. Medical Center-Cook County, Chicago	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Francis - See Northwestern Univ. Medical Center-Cook County, Chicago	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Hines</b>																
Veterans Admin.	B. W. Carr	AF	50	72	894	18	67	3,511	3	3	3	3	0	12	6400-7600	O
<b>Oak Park</b>																
West Suburban	H. A. Sofield	AF	50	43	1,262	4	75	5,554	...	...	...	...	...	2	6000-6500	O
<b>Park Ridge</b>																
Lutheran General	R. Lidge	AF	50	35	1,460	...	...	3,188	...	...	...	...	...	...	5100-5100	P
<b>Peoria</b>																
St. Francis	J.J.Flaherty	ACF	69	69	2,183	2	50	4,727	1	1	1	1	0	4	5400-6300	F
<b>INDIANA</b>																
<b>Fort Wayne</b>																
Lutheran Hospital of Fort Wayne	F.W.Brown	ACF	76	76	2,328	30	33	6,915	0	1	1	1	0	3	5400-6300	FP
<b>Indianapolis</b>																
Indiana University Medical Center and Affiliated Hospitals	J.B.Wray	...	8,101	...	...	...	...	...	5	5	5	5	0	20	...	...
Indiana University Hospitals	J.B.Wray	...	8	18	558	3	33	6,721	...	...	...	...	...	...	5100-6600	P
James Whitcomb Riley	...	C	8,101	...	...	...	...	...	...	...	...	...	...	...	...	
Robert W. Long	...	AF	8,101	...	...	...	...	...	...	...	...	...	...	...	...	
Marion County General	R. Brueckmann	ACF	8	47	570	28	90	7,146	...	...	...	...	...	...	5764-8000	P
Methodist Hospital of Indiana	F. R. Brueckmann	AF	8	71	1,599	41	25	1,014	...	...	...	...	...	...	5880-6480	P
St. Vincent's	G.J. Garceau	AF	8	37	997	20	25	173	...	...	...	...	...	...	6100-6400	P
Veterans Admin.	J. B. Wray	AF	8	35	611	15	27	944	...	...	...	...	...	...	4830-8550	O
<b>IOWA</b>																
<b>Iowa City</b>																
University of Iowa Hospitals	C. B. Larson	ACF	77	77	2,549	11	73	13,288	2	4	4	4	3	17	5000-7000	P
<b>KANSAS</b>																
<b>Kansas City</b>																
University of Kansas Medical Center	L. Peltier	ACF	18	18	701	3	100	8,056	2	2	2	2	0	8	4200-5640	P
<b>Wichita</b>																
St. Francis	H. O. Marsh	ACF	106	73	2,057	16	44	2,995	2	2	2	0	0	6	6905-7540	FP
Veterans Admin. Center	F. W. Robinson	AF	106	22	246	3	67	693	...	...	...	...	...	...	6032-7430	F
Wesley Medical Center	H. O. Marsh	AC	106	37	3,249	6	0	1,049	...	...	...	...	...	...	6600-7500	F
<b>KENTUCKY</b>																
<b>Lexington</b>																
Univ. of Ky.-Lexington Orthopedic Society Residency Program	T.D.Brower	...	59	...	...	...	...	...	...	...	...	...	...	...	...	
University	T. Brower	AF	59	8	258	1	100	1,760	1	1	1	0	3	5160-6960	P	
Veterans Admin.	W. G. Malette	AF	59	6	77	...	...	460	...	...	...	...	...	...	4610-8230	O
Shriners Hospital for Crippled Children	T. D. Yocum	C	7,59	48	306	0	0	2,419	0	0	0	2	0	2	...	FP
Good Samaritan	K. R. Thompson	ACF	59	30	1,350	16	19	1,100	...	...	...	...	...	...	4260-6060	P
St. Joseph	W. K. Massie	ACF	59	27	1,193	13	23	36	2	2	2	0	0	6	4510-6360	P
<b>Louisville</b>																
University of Louisville Affiliated Hospitals	J. W. Harkess	...	9	...	...	...	...	...	4	4	4	4	0	16	...	...
Kosair Crippled Children	J. W. Harkess	C	9	66	602	1	100	12,132	...	...	...	...	...	...	4800-4800	F
Louisville General	J. W. Harkess	AF	9	18	581	14	50	4,646	...	...	...	...	...	...	5000-7430	P
Veterans Admin.	O. J. Hurt	AF	9	37	454	6	50	3,240	...	...	...	...	...	...	4830-7430	O
<b>LOUISIANA</b>																
<b>Monroe</b>																
E. A. Conway Memorial	A. W. Dunn	A	56	12	334	9	11	3,549	0	2	0	0	0	2	7800-7800	P
<b>New Orleans</b>																
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Louisiana State University Division	J. Cahen	ACF	10, 110	76	1,047	30	17	16,870	...	...	...	...	...	13	5400-6000	F
Tulane University Division	J. Wickstrom	ACF	10, 110	70	1,145	34	24	16,205	...	...	...	...	...	14	5400-6000	F
Ochsner Foundation <sup>102</sup>	A. W. Dunn	ACF	56	34	1,033	8	28	14,755	2	2	2	1	0	7	6500-8000	O
Touro Infirmary	H. Soboloff	ACF	10, 56	84	3,870	37	6	150	2	2	2	2	0	8	6191-7712	P
Veterans Admin.	R. H. Alldredge	AF	10	47	864	17	35	4,030	...	...	...	...	...	...	6400-7100	O
<b>Pinetop</b>																
Huey P. Long Charity	J. Wickstrom	AF	10	16	351	5	20	2,552	0	0	1	1	0	2	7200-7800	P
<b>Shreveport</b>																
Shriners Hospital for Crippled Children	D. W. Mc Kay	C	10	56	272	1	100	1,698	0	0	3	3	0	3	...	O

Numerical and other references are listed on pages 279 through 282.

14. ORTHOPEDIC SURGERY — Continued

Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
					Number	Necepsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MARYLAND</b>																
<b>Baltimore</b>																
Children's	G.O.Eaton	C	57	74	1,268	1	100	2,295	...	...	...	...	...	...	...	...
James Lawrence Kernan	A. F. Voshel	C	20, 88	77	1,091	1	0	8,677	0	0	0	4	0	4	6600-7100	FP
Johns Hopkins	R. A. Robinson	ACF	57	45	1,086†	3	33	9,831	0	4	4	4	0	12	5000...	FP
Baltimore City Hospitals	R. A. Robinson	AF	57	Inc. in Surg.	...	...	...	...	...	...	...	...	...	...	6000-6000	FP
University of Maryland	G. Austin	AF	88	13	638	10	50	5,431	2	2	2	2	0	8	5700-7100	FP
<b>MASSACHUSETTS</b>																
<b>Boston</b>																
Boston City	P. O'Brien	AF	13,45,66	60	1,448	18	22	40,958	4	2	4	0	0	10	7300-9000	O
Carney	R. M. Kilfoyle	AF	45	35	1,128	12	16	5,924	2	2	2	0	0	6	6600-9000	FP
Children's Hospital Medical Center	W. T. Green	C	11	68	1,794	0	0	14,080	12	0	6	4	0	22	7300-10000	FP
Joseph P. Kennedy Jr. Memorial	D.W.Wilson	C	78,79	48	192	0	0	2,125	0	0	2	1	0	3	6323-7051	FP
Lahey Clinic	G. Hammond	A	66	47	791	3	66	6,685	4	0	0	0	0	4	7300-8100	O
Massachusetts General	M. J. Glimcher	ACF	11	172	2,649†	24	63	15,059	0	12	4	2	0	18	7200-10000	O
Peter Bent Brigham	W.T. Green	AF	11	Inc. in Surg.	...	...	...	...	0	0	2	0	0	2	9000-9000	FP
Veterans Admin. (Jamaica Plain) <sup>207</sup>	A. Thibodeau	AF	13	46	975	6	33	3,022	2	2	2	1	0	7	7300-10000	FP
Veterans Admin. (West Roxbury)	J. B. Mc Ginty	A	11	17	194	1	0	1,232	...	...	...	...	...	...	6600-10000	O
<b>Canton</b>																
Massachusetts Hospital School	P.L.Norton	C	13, 45, 66	114	84	0	0	175	0	0	0	2	1	3	10168-10168	O
<b>Lakeville</b>																
Lakeville	P. Norton	C	13,45,66	183	343	32	50	451	...	...	...	...	...	...	7594-12214	P
<b>Springfield</b>																
Shriners Hospital for Crippled Children	J.D.Fisher	C	66	59	299	0	100	3,655	0	0	2	0	0	2	...	FP
<b>Worcester</b>																
Worcester City	W. Eddy	ACF	78	55	1,213	14	14	10,414	2	2	2	0	0	6	7388-8932	FP
Memorial	V. Johnson	AF	78	35	1,268	9	11	237	...	...	...	...	...	...	5700-5700	FP
St. Vincent	P. V. Shannon	AF	78	40	832	16	31	200	...	...	...	...	...	...	7300-7300	FP
<b>MICHIGAN</b>																
<b>Allen Park</b>																
Veterans Admin. - See Wayne State	University Affiliated Hospitals, Detroit															
<b>Ann Arbor</b>																
University of Michigan Affiliated Hospitals	W. S. Smith	...	...	...	...	...	...	...	5	5	5	0	0	15	...	...
University	W. S. Smith	ACF	74	45	1,132	4	75	10,456	...	...	...	...	...	...	5300-6700	O
St. Joseph Mercy	G. Bauer	A	74	58	1,725†	16	31	14,600	...	...	...	...	...	...	8100-8100	O
Wayne County General Hospital and Infirmary (Eloise)	H. Kaufner	F	74	42	871	36	22	5,061	...	...	...	...	...	...	6852-8500	F
<b>Detroit</b>																
Henry Ford	H. M. Frost	ACF	...	44	1,393	9	33	20,950	4	4	4	4	0	16	6180-7380	P
Wayne State University Affiliated Hospitals	H.E.Pedersen	...	12	...	...	...	...	...	0	5	4	4	0	13	...	...
Veterans Admin. (Allen Park)	R. H. Ramsey	A	12	27	355	5	60	1,495	...	...	...	...	...	...	4830-8550	O
Children's Hospital of Michigan	A. J. Day	C	12	10	452	0	0	4,327	...	...	...	...	...	...	6600-7200	FP
Detroit General	H. E. Pedersen	AF	12	25	943	18	50	9,910	...	...	...	...	...	...	6500-7400	FP
Grace	W. H. Blodgett	A	12	33	1,759	4	75	524	...	...	...	...	...	...	6600-6600	FP
Harper	A. J. Day	A	12	30	913	5	0	1,016	...	...	...	...	...	...	6900-6900	FP
<b>Eloise</b>																
Wayne County General Hospital and Infirmary - See University of Michigan Affiliated Hospitals, Ann Arbor																
<b>Grand Rapids</b>																
Blodgett Memorial	A. Swanson	ACF	20	86	2,003	23	65	3,077	1	1	1	2	0	5	7200-7800	P
St. Mary's	G.T. Aitken	ACF	...	45	1,547	38	30	2,763	1	1	1	0	0	3	7800-8400	P
<b>Kalamazoo</b>																
Borgess-Bronson Hospitals	...	...	126	...	...	...	...	...	2	2	2	2	0	8	...	...
Orthopedic Residency	C. M. Hanson	...	126	40	1,524	16	43	2,179	...	...	...	...	...	...	6600-8400	FP
Borgess	...	ACF	126	26	664	8	38	522	...	...	...	...	...	...	6300-7200	FP
Bronson Methodist	...	ACF	126	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>MINNESOTA</b>																
<b>Minneapolis</b>																
Hennepin County General	M.J.Nydahl	AF	89	5	189	1	100	2,427	...	...	...	...	...	...	5000-8000	P
Shriners Hospital for Crippled Children	D. R. Lannin	C	16	53	302	1	100	1,896	...	...	...	...	...	...	...	...
University of Minnesota Hospitals	J. H. Moe	ACF	80,89	25	571	5	20	2,335	3	6	5	2	0	16	5500...	O
Veterans Admin.	R. Premer	AF	16,80	64	1,245	9	56	2,792	3	3	3	3	0	12	5000-8550	O
<b>Rochester</b>																
Mayo Graduate School of Medicine <sup>28</sup>	M. B. Coventry	...	121	164	7,368	34	82	77,659	16	16	16	16	0	64	5400-8000	P
Rochester Methodist	...	ACF	121	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's	...	ACF	121	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St.Paul</b>																
Gillette State Hospital for Crippled Children	J. H. Moe	C	16, 89	102	943	6	83	20,204	...	...	...	...	...	...	4944-5940	...
St. Paul-Ramsey	T. Comfort	F	80	30	693	18	66	4,773	...	...	...	...	...	...	5000-6500	O
<b>MISSISSIPPI</b>																
<b>Jackson</b>																
University of Mississippi Medical Center	P. S. Derian	...	6	...	...	...	...	...	3	2	2	2	0	9	...	...
University	P. S. Derian	ACF	6	22	694	8	63	4,581	...	...	...	...	...	...	5100-7110	O
Veterans Admin. Center	B. E. Spell	AF	6	28	318	2	50	1,604	...	...	...	...	...	...	4830-6750	O
<b>MISSOURI</b>																
<b>Columbia</b>																
University of Missouri Medical Center	L. Litton	ACF	...	20	663†	8	25	4,534	0	1	1	1	0	3	5500-6500	P
<b>Kansas City</b>																
Children's Mercy	P. W. Meyer	C	18	10	269	2	100	4,218	...	...	...	...	...	...	3600-4500	FP
Kansas City General Hospital and Medical Center	R. Kiene	AF	18	34	527	30	10	5,196	3	2	3	2	0	10	...	...
St. Luke's	R. H. Kiene	ACF	18	59	1,502	24	29	7,464	3	3	2	2	0	12	5600-7740	P
Veterans Admin.	J. L. Barnard	AF	18	23	422	8	25	835	...	...	...	...	...	...	4830-7430	O

Numerical and other references are listed on pages 279 through 282.

14. ORTHOPEDIC SURGERY — Continued

	Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Maintenance
						Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MISSOURI—Continued</b>																	
<b>St. Louis</b>																	
Barnes Hospital Group	F. Reynolds	ACF	60	58	1,785	10	20	4,245	4	4	4	4	0	16	5700-7000	O	
St. Louis City		F	46,60														
St. Louis University Group of Hospitals	D.E. O'Reilly	ACF	46	68	1,957	35	40	8,418	2	2	2	2	0	8	6600-7800	O	
Shriners Hospital for Crippled Children	G. E. Scheer	C	60	93	825	0	0	7,481	0	0	5	0	0	5		F	
Veterans Admin.	O.P.Hampton, Jr.	A	60	25	512	6	50	1,110							4830-7430	O	
<b>NEBRASKA</b>																	
<b>Lincoln</b>																	
Nebraska Orthopedic	F. Teal	C	4	56	858	0	0	2,846	0	0	0	2	0	2	4200-4200	P	
<b>NEW HAMPSHIRE</b>																	
<b>Hanover</b>																	
Dartmouth Medical School Affiliated Hospitals	O. S. Staples	AF	82	29	720	9	67	5,591	1	1	1	0	0	3	6200-7800	O	
Mary Hitchcock Memorial Veterans Admin. Center (White River Junction, Vt.)		AF	82	20	197	1	100	889							5460-7110	O	
<b>NEW JERSEY</b>																	
<b>Camden</b>																	
Cooper	H. Sherk	ACF		30	872	13	50	755	1	1	1	0	0	3	5600-6500	F	
<b>East Orange</b>																	
New Jersey College of Medicine Affiliated Hospitals	V. Scudese		102						1	1	1	1	0	4			
Veterans Admin.		A	102	42	415	12	41	626							8000-8630	P	
Newark City (Newark)		ACF	102	56	732	32	48	3,872							6200-8900	P	
<b>Jersey City</b>																	
Jersey City Medical Center	A. Francis	ACF		46	522	32	0	3,327	1	1	1	1	0	4	6300-7700	O	
<b>Long Branch</b>																	
Monmouth Medical Center	B. Halbstain	ACF		50	1,325	15	67	1,648	1	2	1	0	0	4	5400-6000	P	
<b>Newark</b>																	
Newark City - See New Jersey Coll. of Med. Affil. Hospitals, East Orange																	
United Hospitals of Newark-Hospital for Crippled Children	P. Willner	AC	69	84	2,165	5	0	5,059	0	2	2	2	0	6	8292-9492	P	
<b>Orange</b>																	
Hospital Center at Orange	R.R. Ciccone	ACF	122						2	2	2	0	0	6	4900-6000	FP	
New Jersey Orthopaedic			122	55	1,363	7	71	16,788									
Orange Memorial			122	13	345	16	0										
<b>Paterson</b>																	
St. Joseph's	R.R. Goldenberg	ACF		56	1,560	21	48	2,166	2	2	1	0	0	5	7644-8244	O	
<b>NEW MEXICO</b>																	
<b>Albuquerque</b>																	
University of New Mexico Affiliated Hospitals	J.K. Weaver		93						0	2	2	2	0	6			
Bernalillo County Medical Center	J.K. Weaver	AF	93	14	496	5	20	3,344							6060-6720	P	
Veterans Admin.	J. C. F. Simpson	AF	93	28	465	5	80	1,716							5900-8550	O	
<b>Truth Or Consequences</b>																	
Carrie Tingley Crippled Children's	R.M. Jameson	C	4,75,93	73	445	1	0	5,222	0	0	4	0	0	4	5400-5400	P	
<b>NEW YORK</b>																	
<b>Albany</b>																	
Albany Medical Center	C. Campbell	ACF	55	67	1,647	7	51	1,429	3	2	4	2	0	11	6600-9600	P	
Veterans Admin.	C. Campbell	A	55	10	275	2	50	490							4830-6750	O	
<b>Buffalo</b>																	
Buffalo General	B. Oblatz	AF	24	58	1,034	24	20	862	2	2	2	2	0	8	5300-6800	O	
Children's Hospital of Buffalo	J. D. Godfrey	C	24,107	18	571			1,192	0	0	4	0	0	4	5300-7500	P	
Edward J. Meyer Memorial	E. R. Mindell	AF	24,107	31	471	16	44	3,570	3	3	3	3	0	12	5550-6660	P	
Veterans Admin.	R. B. Erickson	AF	24,107	62	588	6	33	3,746	0	0	0	2	0	2	7110-8230	O	
<b>East Meadow</b>																	
Meadowbrook	A. Potenza	F	38	52	1,029	3	67	4,932	0	0	2	2	0	4	6816-8016	F	
<b>Mineola</b>																	
Nassau	J. Dunn	AF	38	37	1,410	26	12	9,793	2	2	2	0	0	6	7500-8100	P	
<b>New York City</b>																	
Albert Einstein College of Medicine Affiliated Hospitals	A. J. Helfet		112						3	7	4	5	0	19			
Bronx Municipal Hospital Center		ACF	112	44	860	5	40	10,774							4980-6000	F	
Hospital of the Albert Einstein College of Medicine		AF	112		393†	2		3,141							4980-6220	F	
Lincoln		ACF	112			3	0	6,587							4980-6000	P	
Brookdale Hospital Center	A. Kenin	ACF		30	1,337	5	40	3,249	2	2	2	2	0	2	6500-6500	P	
Catholic Medical Center of Brooklyn and Queens																	
St. Charles Division	D. J. Magilligan	C	20,103	22	489	0	0	7,247						4	5500-7300	P	
Columbus	M. Stella	F	51	59	858	24	36	2,992	0	0	1	0	0	1	7000-7000	F	
Harlem Hospital Center	M. L. Shelton	ACF		65	538	36	14	9,858	0	1	1	1	0	3	4980-6000	P	
Hospital for Joint Diseases and Medical Center	H. Mankin	ACF	125	168	3,357	24	21	30,828	6	6	6	6	0	24	6000-7500	P	
Hospital for Special Surgery	R. L. Patterson	ACF	22	169	3,128	16	63	53,901	6	6	6	6	0	24	7000-8500	P	
House of St. Giles the Cripple	D. M. Bosworth	C	26, 41	20	139	0	0	9,007	0	2	1	0	0	3	3600-4500	F	
Jewish Hospital and Medical Center of Brooklyn	L. Koven	AF	84	30	651	23	9	3,512	2	2	2	0	0	6			
Kingsbrook Jewish Medical Center	M. Schneider	C	84	39	248	10	10	3,186						3	6500-8500	F	
Kings County Hospital Center <sup>243</sup>	R. W. Warren	ACF	73	59	856	23	0	22,946	0	4	3	3	0	10	5580-6000	P	
Lenox Hill	S. S. Gaynor	AF	103	50	1,136	7	86	3,282	1	1	1	0	0	3	6000-6800	P	
<b>Maimonides - Coney Island</b>																	
Affiliated Hospitals	H. Pearlman		73						1	1	1	0	0	3			
Maimonides Medical Center	H. Pearlman	AF	73	22	480	12	50	3,676							6000-7750	P	
Coney Island	D. Wilson	AF	73	16	328	6	0	3,025							5580-6220	P	

14. ORTHOPEDIC SURGERY — Continued

Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
					Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK, New York City — Continued</b>																
Montefiore Hospital Training Program	B. B. Greenberg	125	...	...	...	...	...	3	3	3	0	0	9	6620-7880	P	
Montefiore Hospital and Medical Center	ACF	125	45	676	15	40	2,988	...	...	...	...	...	...	...	...	
Morrisania City	ACF	125	40	549	20	40	8,650	...	...	...	...	...	...	...	...	
Mount Sinai Hospital Training Program	...	...	...	...	...	...	...	0	4	4	1	0	8	...	...	
Mount Sinai	R. S. Siffert	ACF	65	520	2	0	7,000	...	...	...	...	...	...	6000-8000	P	
City Hospital Center at Elmhurst	A. Schein	AF	65	758	34	0	8,960	...	...	...	...	...	...	6300-7800	F	
New York Medical College-Metropolitan Hospital Center	A. A. Michele	...	...	...	...	...	...	5	5	5	5	2	22	4980-6500	FP	
Unit 1 - Flower and Fifth Avenue Hospitals	AF	67	25	477	6	17	19	...	...	...	...	...	...	...	...	
Unit 2 - Metropolitan	ACF	67	60	682	37	0	13,218	...	...	...	...	...	...	...	...	
New York Polyclinic Medical School and Hospital	J. W. Fielding	AF	26	441	5	20	1,374	0	2	0	0	0	2	6200-6500	P	
New York University - Bellevue Medical Center <sup>239</sup>	W. A. L. Thompson	...	51	...	...	...	...	5	5	5	0	0	15	...	...	
Bellevue Hospital Center	W. A. L. Thompson	ACF	51	31	190	0	2,946	...	...	...	...	...	...	4980-5780	P	
University	W. A. L. Thompson	...	51	41	856	12	13	...	...	...	...	...	...	7440-8680	P	
Veterans Admin. (Manhattan)	G. Truchly	AF	51	43	592	4	25	...	...	...	...	...	...	7090-8550	O	
Presbyterian	F. Stinchfield	ACF	128	138	3,491	11	55	35,232	8	6	8	2	0	24	6500-8500	O
Queens Hospital Center	J. B. Manly	AF	69	84	1,114	67	51	8,145	2	2	2	0	0	6	5750-6500	F
St. Luke's Hospital Center	F. Thompson	ACF	41	68	1,229	17	36	9,052	3	2	2	0	0	7	6500-7500	P
St. Vincent's Medical Center of Richmond	J. W. Fielding	AF	26	30	627	12	17	1,112	2	0	0	0	0	2	5700-6600	F
Veterans Admin. (Bronx)	B. Jacobs	AF	22	47	761	8	75	1,250	0	2	1	0	0	3	7690-8550	O
<b>Port Jefferson</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
St. Charles	J. S. Consoi	C	38,127	18	715	...	...	25,813	0	0	3	0	0	3	5200-5200	FP
<b>Rochester</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Rochester General	L. Callin	A	31	32	880	6	50	470	...	...	...	...	...	...	8500-8500	P
Strong Memorial Hospital of the University of Rochester <sup>272</sup>	F. N. Zuck	ACF	31	41	1,137	14	36	3,303	0	3	3	3	0	9	5500-8500	P
<b>Schenectady</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Ellis Hospital-Sunnyview Rehabilitation Center	ACF	104	...	...	...	...	...	...	1	2	1	0	0	4	...	
Ellis	W. A. Dunham	...	104	56	1,741	16	50	493	...	...	...	...	...	...	6300-7500	FP
Sunnyview Rehabilitation Center	W. E. Gazeley	...	104	57	508	1	0	7,601	...	...	...	...	...	...	6000-7200	FP
<b>Syracuse</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
S. U. N. Y. Upstate Medical Center	D. Murray	...	48	84	1,643	18	43	6,160	0	3	3	3	0	9	6600-7800	O
State University Hospital, Upstate Medical Center	...	...	48	...	...	...	...	...	...	...	...	...	...	...	...	
Syracuse Memorial	D. Murray	ACF	48	27	734	8	38	1,628	...	...	...	...	...	...	...	
Veterans Admin.	R. O. Becker	A	48	33	353	6	67	896	...	...	...	...	...	...	5050-8550	O
<b>Utica</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Children's Hospital and Rehabilitation Center of Utica	D. Murray	C	48	14	1,231	5	40	1,169	...	...	...	...	...	...	5500-5500	P
<b>West Haverstraw</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
New York State Rehabilitation	J. N. Worcester, Jr.	C	128	61	228	...	...	2,697	...	...	...	...	...	...	6500-7500	P
<b>NORTH CAROLINA</b>																
<b>Chapel Hill</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
North Carolina Memorial	F. C. Wilson	ACF	81	21	640	4	75	7,213	2	3	1	1	1	8	4500-9000	O
<b>Charlotte</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Charlotte Memorial	C. Carr	ACF	...	112	3,269	30	34	3,348	2	2	2	0	8	6000-7200	P	
<b>Durham</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Duke University Affiliated Hospitals	J. L. Goldner	...	...	...	...	...	...	...	8	7	6	6	1	28	...	
Duke University Medical Center <sup>67</sup>	J. L. Goldner	ACF	19, 20	35	1,556	6	33	6,397	...	...	...	...	...	...	5500-7000	P
Veterans Admin.	D. E. Mc Collum	AF	19	26	483	2	...	...	...	...	...	...	...	...	4610-8230	O
<b>Gastonia</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
North Carolina Orthopedic	G. R. Miller	C	19,81	127	249	2	50	6,680	0	0	1	1	0	2	5000-5000	P
<b>Winston-Salem</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
North Carolina Baptist Hospitals	J. Hayes	ACF	77	25	910	8	50	4,091	4	4	4	0	0	12	6000-8000	P
<b>OHIO</b>																
<b>Akron</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Akron City	W. A. Hoyt, Jr.	AF	15	73	1,887	23	48	749	2	2	2	0	8	8900-10040	P	
Akron General	H. W. O'Dell	AF	58	59	1,196	19	79	754	2	2	2	0	8	8400-9600	P	
Children's Hospital of Akron	W. A. Hoyt	C	15,58	37	1,401	1	100	3,278	0	2	2	2	0	6	7780-9340	P
<b>Cincinnati</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Good Samaritan	N. Giannestras	C	118	95	2,349	36	39	520	...	...	...	...	...	...	6000-7500	P
University of Cincinnati Hospital Group	J. Freiberg	...	17	...	...	...	...	...	2	3	2	1	0	8	...	
Children's	J. Freiberg	C	17	6	263	...	...	949	...	...	...	...	...	...	...	
Cincinnati General	J. Freiberg	AF	17	10	195	...	...	4,410	...	...	...	...	...	...	5640-6540	P
Jewish	I. M. Zeligs	AF	17	36	932 <sup>4</sup>	13	31	274	...	...	...	...	...	...	6000-7200	P
Veterans Admin.	J. Freiberg	AF	17	24	254	3	67	...	...	...	...	...	...	...	4830-8550	O
<b>Cleveland</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cleveland Clinic	C. M. Everts	ACF	42	40	1,197	10	60	16,488	2	2	2	0	0	6	5800-7400	P
Cleveland Metropolitan General <sup>279</sup>	F. Rhineland	ACF	21	436	...	3	...	4,670	2	1	1	0	0	4 <sup>+</sup>	6300-8760	P
Mount Sinai Hospital of Cleveland	A. W. Tramer	ACF	101	45	1,198	4	50	2,848	2	2	1	0	0	5	7300-9000	O
St. Luke's	J. E. Brown	ACF	37	985	...	10	20	2,021	2	2	2	2	0	8	6600-9000	P
St. Vincent Charity	K. S. Alfred	F	42	23	671	3	33	1,407	1	1	0	0	0	2	4200-5400	P
University Hospitals of Cleveland	C. W. Herndon	ACF	27	70	1,373 <sup>4</sup>	14	50	7,472	4	4	4	1	0	13	6500-7500	P
Veterans Admin.	V. H. Frankel	A	27,105	53	518	6	33	2,285	...	...	...	...	...	...	6850-8350	P
<b>Columbus</b>	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Children's	P. H. Curtiss	C	25,98,99	19	817	0	0	5,036	0	0	2	2	0	4	6300-6900	P
Mount Carmel	H. B. Lacey	AF	25	53	1,482	13	54	899	1	1	1	0	0	3	7800-9000	F

14. ORTHOPEDIC SURGERY — Continued

	Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Salary per Year Min.-Max.	Main-tenance P F O
						Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>OHIO, Columbus—Continued</b>																
Ohio State University Hospitals	P. Curtiss	AF	99	24	695	5	0	1,566	2	2	2	2	0	8	5700-8160	P
Riverside Methodist <sup>286</sup>	J. T. Leach	AF	98	51	1,836	10	70	2,129	1	1	1	0	0	3	7800-9000	P
<b>Elyria</b>																
Elyria Memorial	W. L. Hassler	ACF		24	1,480	7	29	11,717	1	1	1	1	0	4	6000-6900	F
<b>Youngstown</b>																
Youngstown	G. Cook	AF	71	56	1,595	24	42	675	1	1	1	0	0	3	5400-8100	F
<b>OKLAHOMA</b>																
<b>Oklahoma City</b>																
University of Oklahoma Medical Center	D. H. O'Donoghue		53						4	4	4	4	0	16		
Bone and Joint	J. P. Bell	AF	53	62	2,307	18	33	10,699							4800-6000	P
St. Anthony	D. H. O'Donoghue	AF	53	50	2,356	28	32	1,557							8700-9600	P
University of Oklahoma Hospitals	D. H. O'Donoghue	ACF	53	34	796	3		6,995							5500-9600	P
Veterans Admin.	G. R. Frank	AF	53	28	538	3	33	8,553								
<b>OREGON</b>																
<b>Portland</b>																
Emanuel	R. J. Hopkins	AF	28	95	2,645 <sup>†</sup>	12	42	3,814	0	2	1	0	0	3	6600-8400	P
Shriners Hospital for Crippled Children	E. G. Chuinard	C	28	69	421	1	100	3,169								
University of Oregon Medical School Hospitals and Clinics	W. E. Snell	AF	28	38	823	27	48	7,797	3	3	3	3	0	12	4200-6000	FP
Veterans Admin.	R. C. Merrifield	AF	91	50	711	9	67	1,450	1	1	1	2	0	5	4610-7110	P
<b>PENNSYLVANIA</b>																
<b>Danville</b>																
Geisinger Medical Center	R. D. Heath	ACF		30	909	15	67	17,091	2	2	1	1	0	6	5800-7000	P
<b>Ellzabethtown</b>																
State Hospital for Crippled Children	J. M. Hunter	C	21, 92	142	250	0	0	4,376	0	0	5	0	0	5	8580-8580	P
<b>Erie</b>																
Hamot	J. J. Euliano	ACF		81	2,501	24	38	2,600	1	1	1	1	0	4	7800-9000	P
<b>Philadelphia</b>																
Albert Einstein Medical Center <sup>193</sup>	I. Stein	ACF		65	1,504 <sup>†</sup>	21	81	5,286	2	2	2	2	0	8	5100-6000	P
Children's Hospital of Philadelphia	J. L. T. Nicholson	C	23,72,87	9	344	0	0	2,376								
Graduate Hospital of the University of Pennsylvania	J. T. Nicholson	A	23	17	448	1	0	1,693	3	2	3	0	0	8	5400-6300	P
Hahnemann Medical College and Hospital	D. Nagel	AF	92	24	571	10	20	3,495	2	2	2	0	0	6	4500-5700	P
Hospital of the University of Pennsylvania	E. L. Ralston	ACF		62	1,250	8	100	5,503	6	5	4	3	0	18	4000-4800	P
Jefferson Medical College <sup>146</sup>	A. F. De Palma	ACF	21	79	1,333	7	28	4,202	4	3	3	4	1	15	5500-7000	O
Lankenau	J. T. Nicholson	AF	23	30	734	7	15	2,725							5400-6300	P
Pennsylvania	J. T. Nicholson	F	23, 87	15	387	6	33	1,773							5300-6200	O
Philadelphia General <sup>294</sup>	A. De Palma	ACF		52	804	48	53	8,010	1	1	1	1	0	4	6800-7700	O
St. Christopher's Hospital for Children	J. W. Lachman	C	29													
Shriners Hospital for Crippled Children	H. H. Steel	C	29, 105	97	383	0	0	3,008	0	0	3	2	0	5		FP
Temple University	J. Lachman	AF	29	56	1,016	9	44	6,336	3	3	3	3	0	12	5000-6200	P
Veterans Admin.	J. E. Nixon	A	87	36	357	10	10	2,000							5730-7430	O
<b>Pittsburgh</b>																
Allegheny General	R. F. Botkin	ACF	71	85	1,944 <sup>†</sup>	20	40	17,148	3	3	3	3	0	12	7500-8400	P
Health Center Hospitals of the University of Pittsburgh	A. B. Ferguson, Jr.								0	7	7	7	0	21		
Children's Hospital of Pittsburgh	A. B. Ferguson, Jr.	C	30	25	1,310	0	0	7,502							7500-9000	O
Presbyterian-University	A. B. Ferguson, Jr.	AF	30	65	1,766	14	57	2,029							6000-8000	O
St. Francis General	A. B. Ferguson, Jr.	A	30	30	824	7	14	411							8400-8400	P
Veterans Admin.	P. G. Laing	AF	30	69	1,011	9	33	1,948							5500-7430	O
<b>Reading</b>																
Reading	E. J. Morrissey	AF	72	54	990	12	58	495	1	1	1	0	0	3	6600-7800	F
<b>PUERTO RICO</b>																
<b>San Juan</b>																
University of Puerto Rico Affiliated Hospitals	A. Lugo	ACF							2	2	2	0	0	6		
University District																
I. Gonzalez Martinez Oncologic Municipal Hospital Dr. Rafael Lopez Nussa				48	16	0	0	150								
Veterans Admin.																
<b>RHODE ISLAND</b>																
<b>Providence</b>																
Rhode Island	A. A. Savastano	ACF		85	1,672	20	20	6,816	2	2	2	2	0	8	6600-9000	P
<b>SOUTH CAROLINA</b>																
<b>Charleston</b>																
Medical Center Hospitals	J. Siegling	ACF	52						2	2	2	2	0	8		
Medical College	J. Siegling	ACF	52	16	442 <sup>†</sup>	4	50	6,002							4380-5400	P
Charleston County	J. Siegling	ACF	52	5	135	7	14									
U.S. Naval	N. L. Sims, W. J. Mullins	ACF	52	125		0	0	19,836								
Veterans Admin.	J. J. Price	AF	52		Inc. in Surg.										4830-7430	O
<b>Columbia</b>																
Columbia Hospital of Richland County	E. Luncford	ACF		72	1,529	41	26	7,317	1	1	1	1	0	4	6000-8400	P
<b>Greenville</b>																
Greenville General	F. H. Stelling	AF	33	97	2,952	38	15	3,363	2	2	2	1	0	7	5700-6700	P
Shriners Hospital for Crippled Children	F. H. Stelling	C	19,33,77	59	504	0	0	4,793	0	0	0	3	0	3		O

14. ORTHOPEDIC SURGERY — Continued

Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
					Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>TENNESSEE</b>																
<b>Chattanooga</b>																
Baroness Erlanger	G. W. Shelton	ACF	72	2,499	33	25	2,115	2	2	2	0	0	6	6900-7500	F	
<b>Knoxville</b>																
St. Mary's Memorial	R. G. Brashear	AF	85	2,607	32	31	9	1	0	0	0	0	1	4980-5680	F	
University of Tennessee Memorial Research Center and Hospital	R. G. Brashear	AF	85	30	1,060	11	27	1,651	2	2	2	0	0	6	5280-5640	F
<b>Memphis</b>																
Campbell Foundation and University of Tennessee	H. B. Boyd	ACF	61	62	2,336	8	13	32,122	10	8	6	0	0	24	1800-2400	O
City of Memphis Hospitals	H. B. Boyd	AF	61	60	1,145	13	31	8,829	...	...	...	...	...	...	4560-5580	F
Baptist Memorial	H. B. Boyd	AF	61	47	1,243 <sup>+</sup>	5	20	604	...	...	...	...	...	...	5700-6600	...
Methodist	M. Moore, Jr.	AF	61	29	1,162	1	100	1,975	...	...	...	...	...	...	6000-7500	F
Le Bonheur Children's	A. J. Ingram	C	61	...	...	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	E. Dehne	A	61	29	428	0	0	2,153	...	...	...	...	...	...	...	...
Crippled Children's	F. P. Sage	C	61	39	181	...	...	3,745	...	...	...	...	...	...	...	...
<b>Nashville</b>																
Vanderbilt University <sup>304</sup>	J. W. Hillman	ACF	127	1,188	23	47	14,057	0	5	5	5	0	15	5100-6300	P	
<b>TEXAS</b>																
<b>Dallas</b>																
University of Texas Southwestern Medical School Affiliated Hospitals	C. F. Gregory	...	32	...	...	...	...	...	...	...	...	...	...	...	...	...
Baylor University Medical Center	M. Knight	AF	32	102	3,310 <sup>+</sup>	15	13	794	1	1	1	1	0	4	6600-7500	O
Parkland Memorial	C. F. Gregory	AF	32	45	1,048	8	25	8,906	...	...	...	...	...	8	5160-6120	P
Texas Scottish Rite Hospital for Crippled Children	B. Carrell	C	32	57	807	2	100	5,698	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	V. M. Bryant	AF	75	56	840	5	20	3,065	2	2	2	2	0	8	4830-7430	P
<b>Fort Worth</b>																
Fort Worth Children's Hospital-Fort Worth Medical Center	J. J. Innis	C	49	15	879	1	100	1,110	0	0	0	2	0	2	4800-5400	P
<b>Galveston</b>																
University of Texas Medical Branch Hospitals	E. B. Evans	ACF	51	989	18	39	5,535	3	2	2	2	0	9	6000-7500	P	
<b>Houston</b>																
Baylor University Affiliated Hospitals	J. W. King	...	49	...	...	...	...	...	0	5	5	5	0	15	5100-6357	P
Ben Taub General	...	ACF	49	32	749	8	50	8,833	...	...	...	...	...	...	...	...
Methodist	...	AF	49	83	2,256	5	40	2,374	...	...	...	...	...	...	...	...
Veterans Admin.	...	A	49	44	608	2	50	5,335	...	...	...	...	...	...	...	...
Hermann <sup>308</sup>	F. F. Parrish	ACF	71	71	1,909	9	66	6,586	2	2	2	2	0	8	6300-7500	P
<b>San Antonio</b>																
Univ of Texas Medical School at San Antonio Teaching Hospitals	C. A. Rockwood, Jr.	...	95	...	...	...	...	...	4	4	4	4	0	16	...	...
Robert B. Green Memorial	C. A. Rockwood, Jr.	AF	95	29	1,095	7	5	4,452	...	...	...	...	...	...	6900-8700	O
Santa Rosa Medical Center	J. J. Hinchey	AC	95, 117, 120	66	2,436 <sup>+</sup>	15	33	6,517	...	...	...	...	...	...	...	P
<b>Temple</b>																
Scott and White Memorial <sup>159</sup>	R. A. Murray	ACF	79	79	2,303 <sup>+</sup>	12	50	15,783	2	2	2	2	0	8	5200-6500	P
<b>UTAH</b>																
<b>Salt Lake City</b>																
Latter-Day Saints	E. A. Evans	AF	63	75	2,807	12	33	2,031	2	2	2	0	0	6	5700-6600	P
Primary Children's	S. W. Allred	C	63	17	618	0	0	1,367	...	...	...	...	...	...	6000-6000	O
University of Utah Affiliated Hospitals	S. S. Coleman	...	...	...	...	...	...	...	2	2	2	2	0	8	...	...
University	S. S. Coleman	AF	34	13	426	6	50	5,932	...	...	...	...	...	...	5700-8230	P
Holy Cross	J. Henrie	AF	34	36	1,415	8	50	27	...	...	...	...	...	...	5700-8400	P
St. Mark's	A. Martin	AF	34	38	1,881	4	25	769	...	...	...	...	...	...	4610-4610	P
Shriners Hospital for Crippled Children	S. S. Coleman	C	34	35	232	0	0	1,586	...	...	...	...	...	...	...	P
Veterans Admin.	A. C. Ruoff	AF	34	...	...	...	...	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>																
<b>Burlington</b>																
Medical Center Hospital of Vermont	C. B. Rust	ACF	124	48	1,531	6	67	7,154	1	1	1	2	0	5	6600-8400	O
<b>White River Junction</b>																
Veterans Admin. - See Dartmouth Med. Sch. Affiliated Hospitals, Hanover, N. H.																
<b>VIRGINIA</b>																
<b>Arlington</b>																
Arlington	A. E. Jackson	AF	14	28	916 <sup>+</sup>	12	1	266	...	...	...	...	...	...	...	...
National Orthopaedic and Rehabilitation	F. W. Rook	ACF	83	83	2,394	11	45	23,236	1	1	1	1	0	4	4200-6000	F
<b>Charlottesville</b>																
University of Virginia	W. G. Stamp	ACF	36	36	1,035	5	60	4,546	2	4	5	0	0	11	4800-6000	O
<b>Richmond</b>																
Crippled Children's	J. T. Tucker	C	35	87	710	1	0	...	0	1	0	0	0	1	5400-5400	P
Medical College of Virginia Affiliated Hospitals	S. M. Elmore	...	35	...	...	...	...	...	0	4	4	4	0	12	...	...
Medical College of Virginia-Hospital Division	...	AF	35	52	1,294	21	52	7,301	...	...	...	...	...	...	4800-6000	P
Veterans Admin.	...	A	35	35	460	2	0	1,635	...	...	...	...	...	...	4830-8550	P

Numerical and other references are listed on pages 279 through 282.

14. ORTHOPEDIC SURGERY — Continued

Chief of Service or Program Director	Type of Training	Program Identification	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year		Main-tenance
					Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year		Min.	Max.	
<b>WASHINGTON</b>																
<b>Seattle</b>																
University of Washington Affiliated Hospitals	D. K. Clawson	...	36	...	...	...	...	4	4	4	4	4	20	...	...	...
Children's Orthopedic Hospital and Medical Center	F. L. Flashman	C	36	12	727	0	0	4,152	...	...	...	...	...	...	6000-9000	P
King County	D. Gunn	AF	36	34	996	19	84	5,410	...	...	...	...	...	...	6000-9000	P
Swedish Hospital Medical Center	J. Stewart	AF	36	74	3,049+	28	25	0	...	...	...	...	...	...	7200-8400	P
U. S. Public Health Service	D. K. Clawson	AF	36	35	761	3	67	4,886	...	...	...	...	...	...	...	P
University	D. K. Clawson	AF	36	21	597+	...	...	4,948	...	...	...	...	...	...	6000-9000	P
Veterans Admin.	L. R. Fry	A	36	...	...	5	60	949	...	...	...	...	...	...	5500-8460	P
Shriners Hospital for Crippled Children (Spokane)	R. Brown	C	36, 91	39	240	...	...	2,505	...	...	...	...	...	...	...	...
<b>Spokane</b>																
Shriners Hospital for Crippled Children - See University of Washington Affiliated Hospitals, Seattle																
<b>WEST VIRGINIA</b>																
<b>Morgantown</b>																
West Virginia University Medical Center	J. C. Pickett	ACF	56	1,377	9	55	8,090	2	2	2	2	0	8+	7000-...	...	O
<b>WISCONSIN</b>																
<b>Madison</b>																
University of Wisconsin Affiliated Hospitals	H. W. Wirka	...	97	...	...	...	...	3	5	4	3	0	15	...	...	...
Madison General	...	AF	97	25	812	3	33	...	...	...	...	...	...	...	4600-7150	P
St. Mary's	...	AF	97	17	586	12	33	...	...	...	...	...	...	...	4600-7150	P
University Hospitals	...	ACF	97	57	1,124	7	...	7,576	...	...	...	...	...	...	4600-7150	P
Veterans Admin.	...	A	97	35	474	3	100	1,212	...	...	...	...	...	...	4830-7430	P
<b>Milwaukee</b>																
Marquette University Affiliated Hospitals	W. P. Blount	...	37	...	...	...	...	4	4	4	4	0	16	...	...	...
Columbia	A. C. Schmidt	AF	37	32	691+	8	75	1,810	...	...	...	...	...	...	...	...
Milwaukee Children's	R. C. Waisman	C	37	18	634	0	0	2,097	...	...	...	...	...	...	7200-9020	P
Milwaukee County General	W. P. Blount	AF	37	37	1,052+	26	56	10,191	...	...	...	...	...	...	5200-7900	P
Veterans Admin. Center (Wood)	P. L. Carnesale	AF	37	32	650	6	50	3,589	...	...	...	...	...	...	7200-10600	P

ORTHOPEDIC SURGERY PROGRAM IDENTIFICATION

Program Number	Hospital	Location	Program Number	Hospital	Location
1.	Shriners Hospital for Crippled Children	Los Angeles	10.	Rancho Los Amigos	Downey, Calif.
	Highland General Hospital	Oakland, Calif.		Scottish Rite Hospital for Crippled Children	Decatur, Ga.
	Pacific Medical Center-Presbyterian Hospital	San Francisco		Charity Hospital of Louisiana	...
2.	Sonoma State Hospital	Eldridge, Calif.		Tulane University Division	New Orleans, La.
	Children's Hospital Medical Center of Northern California	Oakland, Calif.		Touro Infirmary	New Orleans, La.
	Highland General Hospital	Oakland, Calif.		U.S. Public Health Service Hospital	New Orleans, La.
	Samuel Merritt Hospital	Oakland, Calif.		Veterans Admin. Hospital	New Orleans, La.
	Children's Hospital and Adult Medical Center	San Francisco		Huey P. Long Charity Hospital	Pineville, La.
	Franklin Hospital	San Francisco	11.	Shriners Hospital for Crippled Children	Shreveport, La.
	San Francisco General Hospital	San Francisco		Children's Hospital Medical Center	Boston
	Shriners Hospital for Crippled Children	San Francisco		Massachusetts General Hospital	Boston
	H. C. Moffitt-University of California Hospitals	San Francisco		Peter Bent Brigham Hospital	Boston
	Veterans Admin. Hospital	San Francisco		Veterans Admin. Hospital (West Roxbury)	Boston
	Shriners Hospital for Crippled Children	Honolulu, Hawaii	12.	Veterans Admin. Hospital	Allen Park, Mich.
	Shriners Hospital for Crippled Children	Los Angeles		Children's Hospital	Detroit
	Highland General Hospital	Oakland, Calif.		Detroit General Hospital	Detroit
	Veterans Admin. Hospital	San Francisco		Grace Hospital	Detroit
4.	Children's Hospital	Denver		Harper Hospital	Detroit
	Denver General Hospital	Denver	13.	Boston City Hospital	Boston
	Fitzsimons General Hospital	Denver		Veterans Admin. Hospital (Jamaica Plain)	Boston
	University of Colorado Medical Center	Denver		Massachusetts Hospital School	Canton, Mass.
	Veterans Admin. Hospital	Denver		Lakeville Hospital	Lakeville, Mass.
	Nebraska Orthopedic Hospital	Lincoln, Neb.	14.	District of Columbia General Hospital	Washington, D.C.
	Carrie Tingley Crippled Children's Hospital	Truth or Consequences, N. M.		(Crippled Children's Unit)	Washington, D.C.
5.	Hartford Hospital	Hartford, Conn.		Georgetown University Hospital	Washington, D.C.
	Yale-New Haven Hospital	New Haven, Conn.		Sibley Memorial Hospital	Washington, D.C.
	Newington Children's Hospital	Newington, Conn.		Veterans Admin. Hospital	Washington, D.C.
	Veterans Admin. Hospital	New Haven, Conn.	15.	Arlington Hospital	Arlington, Va.
6.	University Hospital	Jackson, Miss.		Medical Center	Columbus, Ga.
	Veterans Admin. Center	Jackson, Miss.		Akron City Hospital	Akron, Ohio
7.	Chicago Wesley Memorial Hospital	Chicago		Children's Hospital of Akron	Akron, Ohio
	Cook County Hospital	Chicago	16.	Shriners Hospital for Crippled Children	Minneapolis
	Passavant Memorial Hospital	Chicago		Veterans Admin. Hospital	Minneapolis
	St. Anne's Hospital	Chicago	17.	Gillette State Hospital for Crippled Children	St. Paul, Minn.
	Veterans Admin. Research Hospital	Chicago		Children's Hospital	Cincinnati
	Evanston Hospital	Evanston, Ill.		Cincinnati General Hospital	Cincinnati
	St. Francis Hospital	Evanston, Ill.		Jewish Hospital	Cincinnati
	Shriners Hospital for Crippled Children	Lexington, Ky.	18.	Veterans Admin. Hospital	Cincinnati
	James Whitcomb Riley Hospital	Indianapolis		Children's Mercy Hospital	Kansas City, Mo.
	Marion County General Hospital	Indianapolis		Kansas City General Hospital and Medical Center	Kansas City, Mo.
	Methodist Hospital of Indiana	Indianapolis		St. Luke's Hospital	Kansas City, Mo.
	Robert W. Long Hospital	Indianapolis	19.	Veterans Admin. Hospital	Kansas City, Mo.
	St. Vincent's Hospital	Indianapolis		Duke University Medical Center	Durham, N. C.
	Veterans Admin. Hospital	Indianapolis		Veterans Admin. Hospital	Durham, N. C.
9.	Kosair Crippled Children Hospital	Louisville, Ky.		North Carolina Orthopedic Hospital	Gastonia, N. C.
	Louisville General Hospital	Louisville, Ky.		Shriners Hospital for Crippled Children	Greenville, S. C.
	Veterans Admin. Hospital	Louisville, Ky.			

Numerical and other references are listed on pages 279 through 282.

## ORTHOPEDIC SURGERY PROGRAM IDENTIFICATION

Program Number	Hospital	Location	Program Number	Hospital	Location
20.	Orthopaedic Hospital.	Los Angeles	49.	Fort Worth Children's Hospital-Fort Worth Medical Center.	Fort Worth, Texas
	U.S. Naval Hospital.	Oakland, Calif.		Ben Taub General Hospital.	Houston, Texas
	Alfred I. DuPont Institute of the Nemours Foundation.	Wilmington, Del.		Methodist Hospital.	Houston, Texas
	Orange Memorial Hospital.	Orlando, Fla.		Veterans Admin. Hospital.	Houston, Texas
	James Lawrence Kernan Hospital.	Baltimore	50.	Shriners Hospital for Crippled Children.	Chicago
	U.S. Naval Hospital.	Bethesda, Md.		Veterans Admin. Hospital (West Side).	Chicago
	U.S. Naval Hospital.	Chelsea, Mass.		Veterans Admin. Hospital.	Hines, Ill.
	Blodgett Memorial Hospital.	Grand Rapids, Mich.		West Suburban Hospital.	Oak Park, Ill.
	St. Charles Hospital (Brooklyn).	New York City		Lutheran General Hospital.	Park Ridge, Ill.
	Duke University Medical Center.	Durham, N. C.	51.	Bellevue Hospital Center.	New York City
	U.S. Naval Hospital.	Philadelphia		Columbus Hospital.	New York City
	U.S. Naval Hospital.	Portsmouth, Va.		University.	New York City
21.	State Hospital for Crippled Children.	Elizabethtown, Pa.		Veterans Admin. Hospital (Manhattan).	New York City
	Jefferson Medical College Hospital.	Philadelphia	52.	Charleston County Hospital.	Charleston, S.C.
22.	Hospital for Special Surgery.	New York City		Medical College Hospital.	Charleston, S.C.
	Veterans Admin. Hospital (Bronx).	New York City		U.S. Naval Hospital.	Charleston, S.C.
23.	Children's Hospital of Philadelphia.	Philadelphia		Veterans Admin. Hospital.	Charleston, S.C.
	Graduate Hospital of the University of Pennsylvania.	Philadelphia	53.	Bone and Joint Hospital.	Oklahoma City
	Lankenau Hospital.	Philadelphia		St. Anthony Hospital.	Oklahoma City
	Pennsylvania Hospital.	Philadelphia		University of Oklahoma Hospital.	Oklahoma City
24.	Buffalo General Hospital.	Buffalo		Veterans Admin. Hospital.	Oklahoma City
	Children's Hospital of Buffalo.	Buffalo	54.	Children's Hospital of the District of Columbia.	Washington, D.C.
	Edward J. Meyer Memorial Hospital.	Buffalo		Washington Hospital Center.	Washington, D.C.
	Veterans Admin. Hospital.	Buffalo	55.	Albany Medical Center Hospital.	Albany, N. Y.
25.	Children's Hospital.	Columbus, Ohio		Veterans Admin. Hospital.	Albany, N. Y.
	Mount Carmel Hospital.	Columbus, Ohio	56.	E. A. Conway Memorial Hospital.	Monroe, La.
26.	House of St. Giles the Cripple (Brooklyn).	New York City		Ochsner Foundation Hospital.	New Orleans
	New York Polyclinic Medical School and Hospital.	New York City		Touro Infirmary.	New Orleans
	St. Vincent's Medical Center of Richmond (Staten Island).	New York City	57.	Baltimore City Hospitals.	Baltimore
27.	University Hospitals of Cleveland.	Cleveland		Children's Hospital.	Baltimore
	Veterans Admin. Hospital.	Cleveland		Johns Hopkins Hospital.	Baltimore
28.	Emanuel Hospital.	Portland, Ore.	58.	Akron General Hospital.	Akron, Ohio
	Shriners Hospital for Crippled Children.	Portland, Ore.		Children's Hospital of Akron.	Akron, Ohio
	University of Oregon Medical School Hospitals and Clinics.	Portland, Ore.	59.	Good Samaritan Hospital.	Lexington, Ky.
29.	St. Christopher's Hospital for Children.	Philadelphia		St. Joseph Hospital.	Lexington, Ky.
	Shriners Hospital for Crippled Children.	Philadelphia		Shriners Hospital for Crippled Children.	Lexington, Ky.
	Temple University Hospital.	Philadelphia		University Hospital.	Lexington, Ky.
30.	Children's Hospital of Pittsburgh.	Pittsburgh	60.	Veterans Admin. Hospital.	St. Louis
	Presbyterian-University Hospital.	Pittsburgh		Barnes Hospital Group.	St. Louis
	St. Francis General Hospital.	Pittsburgh		St. Louis City Hospital.	St. Louis
	Veterans Admin. Hospital.	Pittsburgh		Shriners Hospital for Crippled Children.	St. Louis
31.	Rochester General Hospital.	Rochester, N. Y.		Veterans Admin. Hospital.	St. Louis
	Strong Memorial Hospital of the University of Rochester.	Rochester, N. Y.	61.	Baptist Memorial Hospital.	Memphis, Tenn.
32.	Baylor University Medical Center.	Dallas, Texas		City of Memphis Hospitals.	Memphis, Tenn.
	Parkland Memorial Hospital.	Dallas, Texas		Crippled Children's Hospital.	Memphis, Tenn.
	Texas Scottish Rite Hospital for Crippled Children.	Dallas, Texas		LeBonheur Children's Hospital.	Memphis, Tenn.
33.	Greenville General Hospital.	Greenville, S.C.		Methodist Hospital.	Memphis, Tenn.
	Shriners Hospital for Crippled Children.	Greenville, S.C.	62.	Veterans Admin. Hospital.	Memphis, Tenn.
34.	Holy Cross Hospital.	Salt Lake City		Baptist Memorial Hospital.	Jacksonville, Fla.
	St. Mark's Hospital.	Salt Lake City		Duval Medical Center.	Jacksonville, Fla.
	Shriners Hospital for Crippled Children.	Salt Lake City	63.	Hope Haven Children's Hospital.	Jacksonville, Fla.
	University Hospital.	Salt Lake City		Latter-day Saints Hospital.	Salt Lake City
	Veterans Admin. Hospital.	Salt Lake City		Primary Children's Hospital.	Salt Lake City
35.	Crippled Children's Hospital.	Richmond, Va.	64.	Veterans Admin. Hospital.	Long Beach, Calif.
	Medical College of Virginia-Hospital Division.	Richmond, Va.		Orange County Pediatric Orthopedic Program.	Orange, Calif.
	Veterans Admin. Hospital.	Richmond, Va.		Orange County Medical Center.	Orange, Calif.
36.	Children's Orthopedic Hospital and Medical Center.	Seattle		Children's Hospital of Orange County.	Orange, Calif.
	King County Hospital.	Seattle		Fairview State Hospital.	Costa Mesa, Calif.
	Swedish Hospital Medical Center.	Seattle	65.	City Hospital Center at Elmhurst.	New York City
	U.S. Public Health Service Hospital.	Seattle		Mount Sinai Hospital.	New York City
	University Hospital.	Seattle	66.	Boston City Hospital.	Boston
	Veterans Admin. Hospital.	Seattle		Lahey Clinic.	Boston
	Shriners Hospital for Crippled Children.	Spokane, Wash.		Massachusetts Hospital School.	Canton, Mass.
37.	Columbia Hospital.	Milwaukee		Lakeville Hospital.	Lakeville, Mass.
	Milwaukee Children's Hospital.	Milwaukee		Shriners Hospital for Crippled Children.	Springfield, Mass.
	Milwaukee County General Hospital.	Milwaukee	67.	New York Medical College—Metropolitan Hospital Center.	New York City
	Veterans Admin. Center (Wood).	Milwaukee		Unit 1—Flower and Fifth Avenue Hospitals.	New York City
38.	Meadowbrook Hospital.	East Meadow, N. Y.		Unit 2—Metropolitan Hospital.	New York City
	Nassau Hospital.	Mineola, N. Y.	68.	Crippled Children's Clinic and Hospital.	Birmingham, Ala.
	St. Charles Hospital.	Port Jefferson, N. Y.		Lloyd Noland Hospital.	Fairfield, Ala.
39.	Emory University Hospital.	Atlanta, Ga.	69.	United Hospitals of Newark-Hospital for Crippled Children.	Newark, N. J.
	Grady Memorial Hospital.	Atlanta, Ga.		Queens Hospital Center.	New York City
	Henrietta Eggleston Hospital for Children.	Atlanta, Ga.	71.	Youngstown Hospital.	Youngstown, Ohio
	Veterans Admin. Hospital.	Atlanta, Ga.		Allegheny General Hospital.	Pittsburgh
40.	Crippled Children's Hospital.	Phoenix, Ariz.	72.	Children's Hospital of Philadelphia.	Philadelphia
	Shriners Hospital for Crippled Children.	Los Angeles		Reading Hospital.	Reading, Pa.
	Letterman General Hospital.	San Francisco	73.	Coney Island Hospital (Brooklyn).	New York City
	Shriners Hospital for Crippled Children.	San Francisco		Kings County Hospital Center (Brooklyn).	New York City
41.	House of St. Giles the Cripple (Brooklyn).	New York City		Maimonides Medical Center.	New York City
	St. Luke's Hospital Center.	New York City	74.	St. Joseph Mercy Hospital.	Ann Arbor, Mich.
42.	Cleveland Clinic Hospital.	Cleveland		University Hospital.	Ann Arbor, Mich.
	St. Vincent Charity Hospital.	Cleveland	75.	Wayne County General Hospital and Infirmary.	Eloise, Mich.
44.	Crippled Children's Clinic and Hospital.	Birmingham, Ala.		Crippled Children's Clinic and Hospital.	Birmingham, Ala.
	University of Alabama Hospitals and Clinics.	Birmingham, Ala.		Veterans Admin. Hospital.	Dallas, Texas
45.	Veterans Admin. Hospital.	Birmingham, Ala.		Carrie Tingley Crippled Children's Hospital.	Truth or Consequences, N. M.
	Boston City Hospital.	Boston	76.	Jackson Memorial Hospital.	Miami, Fla.
	Carney Hospital.	Boston		Variety Children's Hospital.	Miami, Fla.
	Massachusetts Hospital School.	Canton, Mass.	77.	Veterans Admin. Hospital.	Wilmington, Del.
	Lakeville Hospital.	Lakeville, Mass.		North Carolina Baptist Hospitals.	Winston-Salem, N. C.
46.	St. Louis City Hospital.	St. Louis		Shriners Hospital for Crippled Children.	Greenville, S. C.
	St. Louis University Group of Hospitals.	St. Louis	78.	Joseph P. Kennedy Jr. Memorial Hospital.	Boston
47.	Presbyterian-St. Luke's Hospital.	Chicago		Memorial Hospital.	Worcester, Mass.
	University of Illinois Research and Educational Hospitals.	Chicago		St. Vincent Hospital.	Worcester, Mass.
48.	State University Hospital, Upstate Medical Center.	Syracuse, N. Y.		Worcester City Hospital.	Worcester, Mass.
	Syracuse Memorial Hospital.	Syracuse, N. Y.	79.	Hospital of St. Raphael.	New Haven, Conn.
	Veterans Admin. Hospital.	Syracuse, N. Y.		Joseph P. Kennedy Jr. Memorial Hospital.	Boston
	Children's Hospital and Rehabilitation Center of Utica.	Utica, N. Y.			

## ORTHOPEDIC SURGERY PROGRAM IDENTIFICATION

Program Number	Hospital	Location	Program Number	Hospital	Location
80.	University of Minnesota Hospitals	Minneapolis	106.	St. Francis Hospital	Wichita, Kans.
	Veterans Admin. Hospital	Minneapolis		Veterans Admin. Center	Wichita, Kans.
	St. Paul-Ramsey Hospital	St. Paul, Minn.		Wesley Medical Center	Wichita, Kans.
81.	North Carolina Memorial Hospital	Chapel Hill, N. C.	107.	Children's Hospital of Buffalo	Buffalo
	North Carolina Orthopedic Hospital	Gastonia, N. C.		Edward J. Meyer Memorial Hospital	Buffalo
82.	Newington Children's Hospital	Newington, Conn.		Veterans Admin. Hospital	Buffalo
	Mary Hitchcock Memorial Hospital	Hanover, N. H.	108.	Napa State Hospital	Imola, Calif.
	Veterans Admin. Center	White River Jct., Vt.		Mary's Help Hospital	San Francisco
83.	District of Columbia General Hospital	Washington, D. C.		St. Joseph's Hospital	San Francisco
	(Crippled Children's Unit)	Washington, D. C.		St. Mary's Hospital	San Francisco
	George Washington University Hospital	Washington, D. C.	109.	Childrens Hospital	San Diego, Calif.
	Veterans Admin. Hospital	Washington, D. C.		Donald N. Sharp Memorial Community Hospital	San Diego, Calif.
84.	Jewish Hospital and Medical Center of Brooklyn	New York City		Mercy Hospital	San Diego, Calif.
	Kingsbrook Jewish Medical Center	New York City		University Hospital of San Diego County	San Diego, Calif.
85.	St. Mary's Memorial Hospital	Knoxville, Tenn.	110.	U.S. Public Health Service Alaska Native Medical Center	Anchorage, Alaska
	University of Tennessee Memorial Research Center and Hospital	Knoxville, Tenn.		U.S. Public Health Service Hospital	San Francisco
86.	Shriners Hospital for Crippled Children	Honolulu, Hawaii		Charity Hospital of Louisiana	New Orleans
	Tripler General Hospital	Honolulu, Hawaii	111.	Tulane University Division	New Orleans
87.	Children's Hospital of Philadelphia	Philadelphia		Rancho Los Amigos Hospital	Downey, Calif.
	Pennsylvania Hospital	Philadelphia		Childrens Hospital of Los Angeles	Los Angeles
	Veterans Admin. Hospital	Philadelphia		Los Angeles County-U.S.C. Medical Center	Los Angeles
88.	James Lawrence Kernan Hospital	Baltimore		White Memorial Medical Center	Los Angeles
	University Hospital	Baltimore	112.	Bronx Municipal Hospital Center	New York City
89.	Hennepin County General Hospital	Minneapolis		Hospital of the Albert Einstein College of Medicine	New York City
	University of Minnesota Hospitals	Minneapolis		Lincoln Hospital	New York City
	Gillette State Hospital for Crippled Children	St. Paul, Minn.	113.	Georgia Baptist Hospital	Atlanta, Ga.
90.	Long Beach Community Hospital	Long Beach, Calif.		Scottish Rite Hospital for Crippled Children	Decatur, Ga.
	Shriners Hospital for Crippled Children	Los Angeles	114.	Eugene Talmadge Memorial Hospital	Augusta, Ga.
	U. C. L. A. Hospital	Los Angeles		University Hospital	Augusta, Ga.
	Los Angeles County Harbor General Hospital	Torrance, Calif.		Veterans Admin. Hospital	Augusta, Ga.
91.	Veterans Admin. Hospital	Portland, Ore.	115.	District of Columbia General Hospital	Washington, D.C.
	Shriners Hospital for Crippled Children	Spokane, Wash.		District of Columbia General Hospital (Crippled Children's Unit)	Washington, D.C.
92.	State Hospital for Crippled Children	Elizabethtown, Pa.		Veterans Admin. Hospital	Washington, D.C.
	Hahnemann Medical College and Hospital	Philadelphia	117.	Brooke General Hospital	San Antonio, Texas
93.	Bernalillo County Medical Center	Albuquerque, N. M.		Santa Rosa Medical Center	San Antonio, Texas
	Veterans Admin. Hospital	Albuquerque, N. M.	118.	Long Beach Community Hospital	Long Beach, Calif.
	Carrie Tingley Crippled Children's Hospital	Truth or Consequences, N. M.		U. C. L. A. Hospital	Los Angeles
94.	Arkansas Children's Hospital	Little Rock, Ark.		Mount Sinai Hospital of Greater Miami	Miami Beach, Fla.
	University Hospital	Little Rock, Ark.	119.	Good Samaritan Hospital	Cincinnati
	Veterans Admin. Consolidated Hospital	Little Rock, Ark.		Orthopaedic Hospital	Los Angeles
95.	Robert B. Green Memorial Hospital	San Antonio, Texas		Veterans Admin. Center—Wadsworth Hospital	Los Angeles
	Santa Rosa Medical Center	San Antonio, Texas	120.	Los Angeles County Harbor General Hospital	Torrance, Calif.
96.	Crippled Children's Hospital	Phoenix, Ariz.		Santa Rosa Medical Center	San Antonio, Texas
	William Beaumont General Hospital	El Paso, Texas		Wilford Hall U.S.A.F. Hospital	San Antonio, Texas
97.	Madison General Hospital	Madison, Wis.	121.	Children's Memorial Hospital	Chicago
	St. Mary's Hospital	Madison, Wis.		Mayo Graduate School of Medicine	Rochester, Minn.
	University Hospitals	Madison, Wis.		Rochester Methodist Hospital	Rochester, Minn.
	Veterans Admin. Hospital	Madison, Wis.		St. Mary's Hospital	Rochester, Minn.
98.	Children's Hospital	Columbus, Ohio	122.	New Jersey Orthopaedic Hospital	Orange, N. J.
	Riverside Methodist Hospital	Columbus, Ohio		Orange Memorial Hospital	Orange, N. J.
99.	Children's Hospital	Columbus, Ohio	123.	William A. Shands Teaching Hospital and Clinics	Gainesville, Fla.
	Ohio State University Hospitals	Columbus, Ohio		Veterans Admin. Hospital	Gainesville, Fla.
101.	James Whitcomb Riley Hospital	Indianapolis	124.	DeGoesbriand Unit	Burlington, Vt.
	Robert W. Long Hospital	Indianapolis		Mary Fletcher Unit	Burlington, Vt.
	Mount Sinai Hospital of Cleveland	Cleveland	125.	Hospital for Joint Diseases and Medical Center	New York City
102.	Veterans Admin. Hospital	East Orange, N. J.		Montefiore Hospital and Medical Center	New York City
	Newark City Hospital	Newark, N. J.		Morrisania City Hospital	New York City
103.	Lenox Hill Hospital	New York City	126.	Borgess Hospital	Kalamazoo, Mich.
	St. Charles Hospital (Brooklyn)	New York City		Bronson Methodist Hospital	Kalamazoo, Mich.
104.	Ellis Hospital	Schenectady, N. Y.	127.	St. Charles Hospital	Port Jefferson, N. Y.
	Sunnyview Rehabilitation Center	Schenectady, N. Y.		U. S. Public Health Service Hospital	New York City
105.	Veterans Admin. Hospital	Cleveland	128.	Presbyterian Hospital	New York City
	Shriners Hospital for Crippled Children	Philadelphia		New York State Rehabilitation Hospital	West Haverstraw, N. Y.

15. OTOLARYNGOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Otolaryngology and the American College of Surgeons, through the Residency Review Committee for Otolaryngology, as offering full training in the specialty. Programs, 104; Residencies, 990

State	Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>															
TEXAS	Wilford Hall U.S.A.F., San Antonio	F. Portelli	37	1,561	2	100	17,893	2	2	2	2	0	8		
<b>UNITED STATES ARMY</b>															
COLORADO	Fitzsimons General, Denver	R. C. Newell	23	837	2	100	19,303	0	1	1	1	0	3		
DISTRICT OF COLUMBIA	Walter Reed General, Washington	E.A.Krekorian	56	1,282	9	77	19,536	0	3	3	3	0	9		
TEXAS	Brooke General, San Antonio	R. N. Rupp	27	989	6	100	11,670	0	2	2	2	0	6		
<b>UNITED STATES NAVY</b>															
CALIFORNIA	U. S. Naval, Oakland	R.K.Middlekauff	21	1,151	0	0	14,508	2	2	2	1	0	7		
	U. S. Naval, San Diego	M. Magi	45	1,627	11	64	18,723	3	3	4	2	0	12		
MARYLAND	U. S. Naval, Bethesda	G. W. Taylor	32	1,430	6	100	15,231	2	2	2	1	0	7		
MASSACHUSETTS	U. S. Naval, Chelsea - See Boston University Affiliated Hospitals, Boston														
PENNSYLVANIA	U. S. Naval, Philadelphia	G. R. Hart	38	1,054	10	40	17,071	1	1	1	2	0	5		
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
WASHINGTON	U. S. Public Health Service, Seattle - See University of Washington Affiliated Hospitals, Seattle														
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
ALABAMA	<b>Birmingham</b>														
	University of Alabama Medical Center	J.J.Hicks						4	4	4	4	0	16		
	University of Alabama Hospitals and Clinics		12	835	5	40	2,540							6240-7600	P
	Children's		5	1,859	0	0									
	Veterans Admin.		10	257	3	33	1,328							4830-8550	O
CALIFORNIA	<b>Long Beach</b>														
	Veterans Admin. <sup>66</sup>	A. Swirsky	41	509	25	52	3,194	2	2	2	2	0	8	8032-10564	O
LOS ANGELES	<b>Los Angeles County-U.S.C. Medical Center</b>														
	U. C. L. A.	C. Whitaker	24	1,965	13	23	23,011	5	5	5	5	0	20	7632-9528	P
	U. C. L. A.	P. H. Ward	9	811	3	67	9,044	2	2	2	2	0	8	5400-8600	O
	Los Angeles County Harbor General (Torrance)		5	469	5	60	6,331							8892-8892	P
	Veterans Admin. Center - Wadsworth <sup>68</sup>	M. Acquarelli	38	1,166	12	67	5,383	3	3	3	0	0	9	8656-10564	P
	White Memorial Medical Center <sup>115</sup>	L. House	9	899	7	29	5,869	1	2	2	1	0	6	6660-8460	P
PALO ALTO	<b>Stanford Medical Center and Affiliated Hospitals</b>														
	Palo Alto-Stanford Hospital Center	F.B. Simmons	29	1,263 <sup>1</sup>	15	80	16,749							5700-6800	P
	Veterans Admin.	R.L. Goode	15	184	7	100	5,490								
	Santa Clara Valley Medical Center (San Jose)	F. B. Simmons	8	519	5	60	5,841								
SAN FRANCISCO	<b>University of California Program</b>														
	H. C. Moffitt-University of California Hospitals	F. A. Sooy						4	4	4	0	0	12		
	San Francisco General		12	1,038	3	67	8,529							5200-7200	O
	Veterans Admin. <sup>131</sup>	J. A. T. Ross	9	381	6	83								4692-8652	P
	Veterans Admin. <sup>131</sup>	J. A. T. Ross	18	449	6	100	1,681	0	1	1	1	0	3	4210-8230	O
SAN JOSE	Santa Clara Valley Medical Center - See Stanford Med. Center and Affiliated Hospitals, Palo Alto														
TORRANCE	Los Angeles County Harbor General - See U.C.L.A., Los Angeles														
<b>COLORADO</b>															
DENVER	<b>University of Colorado Affiliated Hospitals</b>														
	University of Colorado Medical Center	W.G.Hemenway						3	3	3	0	0	9		
	Veterans Admin.	W. G. Hemenway	7	600	2	50	14,128							4500-6000	O
	Veterans Admin.	C.W.Whistler	14	300	2	50	2,485							4610-8230	O
<b>CONNECTICUT</b>															
NEW HAVEN	<b>Yale-New Haven Medical Center</b>														
	Yale-New Haven	J.A.Kirchner	10	829	0	0	10,275	3	3	3	0	0	9	7200-8400	P

## 15. OTOLARYNGOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Georgetown University Affiliated Hospitals	A. G. Di Biasio	2	462	0	0	3,344	0	3	3	3	1	10	7000-8500	P
Georgetown University District of Columbia General	A. G. Di Biasio	14	553	5	100	3,794								
Veterans Admin.	G. F. Miller													
Washington Hospital Center <sup>150</sup>	J. Louzan	32	4,231	14	57	6,223	3	3	3	0	0	9	8200-8500	P
<b>FLORIDA</b>														
<b>Gainesville</b>														
University of Florida Affiliated Hospitals	G. T. Singleton						2	2	2	2	0	8		
William A. Shands Teaching Hosp. and Clinics		8	569	0	0	8,194							3600-8000	O
Veterans Admin.														
<b>Miami</b>														
University of Miami Affiliated Hospitals	J. R. Chandler						2	2	3	2	0	9		
Jackson Memorial	J. R. Chandler	24	752	13	6	5,481							6096-7683	P
Veterans Admin.	F. W. Pullen, 2d	8				3,780							6260-6440	O
<b>Tampa</b>														
Tampa General <sup>152</sup>	W. I. Dunn	20	1,925	9	44	5,084	2	2	2	0	0	6	6000-7200	FP
<b>GEORGIA</b>														
<b>Atlanta</b>														
Emory University Affiliated Hospitals	J. S. Turner, Jr						3	3	3	0	0	9		
Emory University		19	863+	19	58								6000	P
Grady Memorial		10	614	0	0	6,708							6000-6900	P
Henrietta Egleston Hospital for Children		6	1,035	1	100	0							5000-7000	P
<b>ILLINOIS</b>														
<b>Chicago</b>														
Northwestern University Medical Center	G. A. Sisson	17	1,845	4	50	2,650	5	5	6	3	0	18		
Chicago Wesley Memorial	G. A. Sisson												6000-7500	P
Children's Memorial	G. A. Sisson													
Cook County	J.D.Kerth	37	1,541	31	36	16,808							5400-7800	F
Michael Reese Hospital and Medical Center	N. Leshin	11	1,195	1	0	1,477							5800-8400	P
Passavant Memorial	G. A. Sisson	3	260	2	50	62							6000-7500	P
Veterans Admin. Research	G. A. Sisson	6	197	2	50								6400-8550	O
University of Chicago Hospitals and Clinics	R. F. Naunton	15	904	9	88	12,617	1	3	3	2	0	9	6000-8000	O
University of Illinois Affiliated Hospitals	A.H.Andrews						6	5	5	0	0	16		
Illinois Eye and Ear Infirmary	A. H. Andrews	24	1,635	18	77	25,102								
Presbyterian-St. Luke's	S.A.Friedberg	20	1,069	10	90	4,912							6000-7000	P
University of Illinois Research and Educational Hospitals	A. H. Andrews	10	656	7	86	6,404							5700-6600	P
<b>Mines</b>														
Veterans Admin. <sup>170</sup>	B. J. Soboroff	22	667	14	36	4,005	2	0	2	2	0	6	6400-7600	O
<b>INDIANA</b>														
<b>Indianapolis</b>														
Indiana University Medical Center	D.E.Brown						3	3	3	0	0	9		
Indiana University Hospitals	D.E.Brown	8	512	1	100	7,519							5100-6600	P
Marion County General	R. Lingeman	14	301	4	50	4,205							5764-6550	P
Methodist Hospital of Indiana	D. E. Brown	16	2,288	8	12	569							6480-6480	P
Veterans Admin.	D. E. Brown	9	193	7	29	796							4830-8550	O
<b>IOWA</b>														
<b>Iowa City</b>														
State University of Iowa Affiliated Hospitals	B.F. McCabe						5	5	5	5	5	25		
University of Iowa Hospital's		70	3,175	11	82	29,006							5000-7000	P
Veterans Admin.		12				1,670							5400-8230	P
<b>KANSAS</b>														
<b>Kansas City</b>														
University of Kansas Medical Center	G. O. Proud	10	652	3	66	11,138	2	2	2	2	0	8	4800-5400	P
Veterans Admin. (Kansas City, Mo.)	H. A. Knauff	12	363	14	64	969							4830-6750	O
<b>KENTUCKY</b>														
<b>Louisville</b>														
University of Louisville Affiliated Hospitals	G. I. Uhde						4	4	2	1	0	11		
Louisville General	G. I. Uhde	4	343	5	0	3,505							5000-7430	P
Children's	G. I. Uhde	8	603	0	0	2,649								
Veterans Admin.	H. Oppenheim	6	227			1,862							4830-6750	O
<b>LOUISIANA</b>														
<b>New Orleans</b>														
Charity Hospital of Louisiana														
Louisiana State University Division <sup>923</sup>	I. M. Blatt	21	587	6	33	10,598							5400-6000	F
Tulane University Division	H. G. Tabb	29	712	16	75	9,989							5400-6000	F
Eye, Ear, Nose and Throat <sup>188</sup>	H. G. Tabb	6	622	2	0	7,281	2	2	2	2	0	8	6000-6000	F
<b>Shreveport</b>														
Confederate Memorial Medical Center	J. W. Pou	15	1,089	4	50	5,689	1	1	1	1	0	4	5400-6000	F

15. OTOLARYNGOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Neeropy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MARYLAND</b>														
<b>Baltimore</b>														
Johns Hopkins Affiliated Hospitals	J.E. Bordley	20	1,552†	1	100	8,009	3	3	3	3	3	15	5000-7000	P
Johns Hopkins	J. E. Bordley	...	...	...	...	...	...	...	...	...	...	...	5500-5500	O
Baltimore City Hospitals	J. E. Bordley	...	...	...	...	...	...	...	...	...	...	...	7000-8500	P
Greater Baltimore Medical Center	A. P. Wenger	35	4,010	15	...	11,304	...	...	...	...	...	...	...	...
University of Maryland Affiliated Hospitals	C. L. Blanchard	...	...	...	...	...	3	3	4	3	0	13	5700-7100	P
University of Maryland	...	24	729	5	40	7,454	...	...	...	...	...	...	...	...
Baltimore Eye, Ear and Throat Charity	...	14	2,150	1	...	7,812	...	...	...	...	...	...	...	...
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Boston City	A. Gorney	25	1,130	6	17	17,679	0	2	2	2	0	6	7300-9000	O
Boston University Affiliated Hospitals	M. S. Strong	...	...	...	...	...	0	2	2	2	0	6	6600-8100	O
University	M. S. Strong	7	500	2	100	1,082	...	...	...	...	...	...	8100-9000	O
Lahey Clinic	G. D. King	15	1,095	6	33	18,250	...	...	...	...	...	...	7300-9000	O
Veterans Admin. (Jamaica Plain)	M. S. Strong	12	323	5	60	2,248	...	...	...	...	...	...	...	...
U. S. Naval, Chelsea	E. F. Edwards	22	286	1	100	4,855	...	...	...	...	...	...	...	...
Massachusetts Eye and Ear Infirmary	H. F. Schuknecht	54	4,892	7	56	21,233	0	6	6	6	0	18	7300-9000	P
<b>MICHIGAN</b>														
<b>Allen Park</b>														
Veterans Admin. - See Wayne State University Affiliated Hospitals, Detroit														
<b>Ann Arbor</b>														
University <sup>323</sup>	W. P. Work	24	1,106	6	83	11,790	4	4	4	4	0	16	5300-7400	O
<b>Detroit</b>														
Henry Ford	G. H. Conner	9	1,083	3	33	24,752	3	3	3	3	2*	14	6180-7380	P
Wayne State University Affiliated Hospitals	G. J. Beekhuis	...	...	...	...	...	4	4	4	0	0	12	...	...
Children's Hospital of Michigan	L. G. Waggoner	5	827	0	0	1,670	...	...	...	...	...	...	...	...
Detroit General	G. J. Beekhuis	15	685	5	40	5,761	...	...	...	...	...	...	6500-7400	P
Harper	L. G. Waggoner	19	2,677	10	30	964	...	...	...	...	...	...	6900-7500	P
Veterans Admin. (Allen Park)	G. J. Beekhuis	7	150	1	100	950	...	...	...	...	...	...	4830-8550	O
<b>MINNESOTA</b>														
<b>Minneapolis</b>														
University of Minnesota Affiliated Hospitals	M. M. Paparella	...	...	...	...	...	6	6	5	5	0	22	...	...
Hennepin County General	M.E. Sigel	7	543	2	100	3,131	...	...	...	...	...	...	5000-7000	P
University of Minnesota Hospitals	M. M. Paparella	8	461	1	100	3,600	...	...	...	...	...	...	5500-6500	O
Veterans Admin.	H. Williams	18	525	6	67	2,468	...	...	...	...	...	...	5000-8550	O
St. Paul-Ramsey (St. Paul)	B. Cram	6	410	3	66	3,553	...	...	...	...	...	...	5000-6500	O
<b>Rochester</b>														
Mayo Graduate School of Medicine	D. T. R. Cody	11	1,370	2	50	55,851	4	4	4	4	0	16	5400-8000	P
Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Paul</b>														
St. Paul-Ramsey - See Univ. of Minnesota Affiliated Hospitals, Minneapolis														
<b>MISSISSIPPI</b>														
<b>Jackson</b>														
University of Mississippi Medical Center	G. E. Arnold	...	...	...	...	...	2	2	2	2	0	8	...	...
University	...	7	482	2	0	2,320	...	...	...	...	...	...	5100-6000	O
Veterans Admin. Center	...	8	148	6	50	2,338	...	...	...	...	...	...	4830-6750	O
<b>MISSOURI</b>														
<b>Columbia</b>														
University of Missouri Medical Center	D. J. Joseph	...	...	...	...	...	1	1	1	1	0	4	5000-6500	...
<b>Kansas City</b>														
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kan.														
<b>St. Louis</b>														
Homer G. Phillips	J. West	10	291	16	13	932	2	2	3	0	0	7†	5305-6448	P
St. Louis University Group of Hospitals	W. Harkins	21	1,619	3	0	3,648	0	1	1	1	0	3	6600-7800	O
Washington University Affiliated Hospitals <sup>226</sup>	J. H. Ogura	...	...	...	...	...	5	5	5	5	5	25	...	...
Barnes Hospital Group	...	40	3,284	13	31	7,639	...	...	...	...	...	...	5700-9000	O
Veterans Admin.	...	12	264	17	53	2,645	...	...	...	...	...	...	4830-7430	O
<b>NEBRASKA</b>														
<b>Omaha</b>														
University of Nebraska Affiliated Hospitals	C. T. Yarrington	33	1,517	4	100	3,268	3	3	3	3	0	12	6200-8000	P
University of Nebraska	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bishop Clarkson Memorial	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Douglas County	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>NEW JERSEY</b>														
<b>Newark</b>														
United Hospitals of Newark, Eye and Ear Infirmary - Newark City	W.F. Keim	...	...	...	...	...	2	2	2	0	0	6	...	...
United Hospitals of Newark Eye and Ear Infirmary	...	11	1,724	1	0	2,911	...	...	...	...	...	...	6600-7800	P
Newark City	...	11	537	14	43	3,406	...	...	...	...	...	...	7400-8900	P
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical College Affiliated Hospitals	F. Goffin	...	...	...	...	...	2	2	1	0	0	5	...	...
Albany Medical Center	...	13	859	8	75	2,022	...	...	...	...	...	...	6600-8700	P
Veterans Admin.	...	9	187	5	60	652	...	...	...	...	...	...	4830-5730	O

Numerical and other references are listed on pages 279 through 282.

## 15. OTOLARYNGOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O P F	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK—Continued</b>														
<b>Buffalo</b>														
S.U.N.Y. at Buffalo Affiliated Hospitals	J. M. Lore, Jr.	...	...	...	...	4	4	4	0	0	12	...	...	
Buffalo General	...	18	1,578	11	20	1,540	...	...	...	...	...	5300-6200	O	
Children's Hospital of Buffalo	...	14	4,362	...	...	1,923	...	...	...	...	...	...	...	
Edward J. Meyer Memorial	...	...	71	...	...	880	...	...	...	...	...	5550-6290	P	
Veterans Admin.	...	...	113	10	40	1,695	...	...	...	...	...	4830-8550	O	
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals	E. Rock	...	...	...	...	3	3	3	0	0	9	...	...	
Bronx Municipal Hospital Center	...	9	508	0	0	4,550	...	...	...	...	...	4980-5780	F	
Hospital of the Albert Einstein College of Medicine	...	...	98†	0	0	1,702	...	...	...	...	...	5580-6220	F	
Lincoln	...	...	Inc. in Surg.	0	0	2,861	...	...	...	...	...	4980-5780	P	
Brooklyn Eye and Ear	L. Mazzarella	45	6,883	3	33	31,052	3	3	3	0	0	9	4800-6000	O
Long Island College	I. A. Polisar	7	673	3	0	2,693	1	1	1	0	0	3	5500-8000	P
Manhattan Eye, Ear and Throat	R. J. Bellucci	38	4,011	1	100	43,316	5	5	5	0	0	15	5400-6600	P
Mount Sinai Hospital Training Program	...	...	...	...	...	...	0	3	3	3	0	9	...	...
Mount Sinai	J. L. Goldman	27	1,741	2	50	6,300	...	...	...	...	...	6000-8000	P	
City Hospital Center at Elmhurst	K. Morgenstein	7	332	9	11	14,445	...	...	...	...	...	6300-7800	F	
New York Eye and Ear Infirmary	E. A. Weymuller	26	2,897	1	0	24,695	5	5	5	0	0	15	4200-5600	P
New York	J. Moore	19	1,613	...	...	10,336	1	1	1	1	1	5	6000-9500	P
New York University - Bellevue Medical Center	J. F. Daly	...	...	...	...	...	4	4	4	4	0	16	...	...
Bellevue Hospital Center	...	41	1,122	12	33	17,756	...	...	...	...	...	5580-6420	P	
University	J. F. Daly	17	1,079	1	0	...	...	...	...	...	...	7440-8680	P	
Veterans Admin. (Manhattan)	F. Kwok	17	376	10	30	2,574	...	...	...	...	...	7090-8550	O	
Presbyterian	D. Baker	25	1,887	1	0	18,636	3	3	2	0	0	8	6500-7500	O
St. Luke's Hospital Center	S. Whitfield	12	901	3	67	9,770	1	1	1	0	0	3	6500-7500	P
State University - Kings County Medical Center <sup>248</sup>	L. A. Mazzarella	...	...	...	...	...	0	3	3	3	0	9	...	...
Kings County Hospital Center	...	36	1,117	4	33	15,945	...	...	...	...	...	5580-6000	P	
State University	...	...	8†	...	...	500	...	...	...	...	...	6690-8110	O	
Veterans Admin. (Bronx)	H. Kolson	25	437	16	56	2,736	1	1	1	0	0	3	7690-8110	O
<b>Rochester</b>														
Strong Memorial Hospital of the University of Rochester	J. P. Frazer	11	890	2	100	3,627	2	2	2	0	0	6	5500-8500	P
<b>Syracuse</b>														
S.U.N.Y. Upstate Medical Center	G. Reed	27	1,540	18	56	4,869	0	3	3	3	0	9	6500-7900	O
Veterans Admin.	D. L. Poushter	12	156	13	85	970	...	...	...	...	...	...	5050-6750	O
<b>NORTH CAROLINA</b>														
<b>Chapel Hill</b>														
North Carolina Memorial	N. D. Fischer	8	569	3	33	4,958	2	2	2	0	0	6	4500-6500	O
<b>Durham</b>														
Duke University Affiliated Hospitals	W. R. Hudson	...	...	...	...	...	2	2	2	2	0	8	...	...
Duke University Medical Center	...	12	800	5	80	4,769	...	...	...	...	...	5500-7000	P	
Veterans Admin.	...	18	276	4	100	...	...	...	...	...	...	4610-8230	O	
<b>Winston-Salem</b>														
North Carolina Baptist Hospitals	J. Harrill	9	613	1	100	6,958	1	1	1	1	0	4	6000-8000	P
<b>OHIO</b>														
<b>Cincinnati</b>														
University of Cincinnati Hospital Group	D. Shumrick	...	...	...	...	...	5	5	5	5	0	20	...	...
Cincinnati General	...	23	902	6	67	6,600	...	...	...	...	...	5640-6540	P	
Veterans Admin.	...	7	80	4	25	...	...	...	...	...	...	4830-8550	O	
<b>Cleveland</b>														
Cleveland Clinic	H. E. Harris	10	853	10	70	15,381	2	3	2	0	0	7	5800-7400	P
St. Vincent Charity	S. C. Missal	12	351	2	...	1,436	...	...	...	...	...	...	...	
St. Luke's	R. L. Ruggles	15	1,926	8	75	2,086	1	1	1	1	0	4	6600-9000	P
University Hospitals of Cleveland	W. H. Maloney	12	1,164†	6	50	3,574	2	2	2	0	0	6	6500-7500	P
Veterans Admin.	...	16	258	7	86	769	...	...	...	...	...	7550-8350	P	
<b>Columbus</b>														
Ohio State University Affiliated Hospitals	W. H. Saunders	...	...	...	...	...	4	4	3	3	0	14	...	...
Ohio State University Hospitals	...	15	1,044	4	75	5,500	...	...	...	...	...	4000-5500	P	
Children's	...	20	3,644	1	0	3,108	...	...	...	...	...	...	...	
<b>OKLAHOMA</b>														
<b>Oklahoma City</b>														
University of Oklahoma Medical Center	J. B. Snow, Jr.	...	...	...	...	...	3	3	2	2	0	10†	...	...
University of Oklahoma Hospitals	...	11	569	6	17	4,746	...	...	...	...	...	5500-7110	P	
Veterans Admin.	...	17	360	7	100	4,245	...	...	...	...	...	...	...	
<b>OREGON</b>														
<b>Portland</b>														
University of Oregon Medical School Hospitals and Clinics	D. D. DeWeese	14	953	4	25	7,622	3	3	3	3	0	12	4200-6000	FP
Veterans Admin.	T. G. Ten Eyck	...	211	0	0	120	...	...	...	...	...	4610-7110	P	
<b>PENNSYLVANIA</b>														
<b>Danville</b>														
Geisinger Medical Center	J. M. Cole	18	1,767	7	57	19,890	2	2	2	2	0	8	5800-7000	P
<b>Philadelphia</b>														
Hospital of the University of Pennsylvania	P. A. Marden	20	1,041	9	55	3,614	3	3	3	0	0	9	5000-7000	O
Jefferson Medical College <sup>144</sup>	F. Harbert	17	1,003	8	63	3,214	4	4	4	4	0	16	6000-7000	O
Temple University	B. J. Ronis	39	1,444	11	30	8,343	3	3	3	0	0	9	5000-6200	P

15. OTOLARYNGOLOGY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P O
			Number	Neeropy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>PENNSYLVANIA—Continued</b>													
<b>Pittsburgh</b>													
Health Center Hospitals of the University of Pittsburgh <sup>289</sup>	...	...	...	...	...	3	3	3	3	0	12	...	...
Eye and Ear Hospital of Pittsburgh Veterans Admin.	64	6,234	4	75	3,389	...	...	...	...	...	...	5500-6250	P
Mercy	15	469	14	50	1,361	...	...	...	...	...	...	5500-7430	O
	28	1,960	15	33	1,976	1	1	0	2	0	4	6300-7200	P
<b>PUERTO RICO</b>													
<b>San Juan</b>													
Municipal Hospital Dr. Rafael Lopez Nussa	...	491	...	...	5,375	3	3	3	0	0	9	5700-6900	P
<b>RHODE ISLAND</b>													
<b>Providence</b>													
Rhode Island	18	3,122	13	38	2,890	2	2	2	2	0	8	6600-9000	P
<b>SOUTH CAROLINA</b>													
<b>Charleston</b>													
Medical Center Hospitals Medical College	7	452†	4	50	2,915	3	3	3	3	0	12	4380-5400	P
<b>TENNESSEE</b>													
<b>Memphis</b>													
University of Tennessee Affiliated Hospitals	...	...	...	...	...	3	2	2	2	0	9	...	...
City of Memphis Hospitals	21	841	5	2	8,682	...	...	...	...	...	...	5016-6468	F
Methodist	11	1,108	...	...	1,228	...	...	...	...	...	...	6000-7500	F
Veterans Admin.	20	467	11	82	4,392	1	1	1	0	0	3	7160-9160	O
<b>Nashville</b>													
Vanderbilt University Affiliated Hospitals	...	...	...	...	...	0	2	2	2	0	6	...	...
Vanderbilt University	28	1,248	3	33	6,493	...	...	...	...	...	...	5100-6300	P
Nashville Metropolitan General	...	171	1	0	2,189	...	...	...	...	...	...	5100-6300	P
Veterans Admin.	6	118	6	76	...	...	...	...	...	...	...	4610-8230	P
<b>TEXAS</b>													
<b>Dallas</b>													
Parkland Memorial	6	460	1	100	6,571	2	...	...	...	...	6	5160-6120	P
Veterans Admin. <sup>306</sup>	32	665	25	44	7,512	0	3	3	3	3	12	4830-7430	P
<b>Galveston</b>													
University of Texas Medical Branch Hospitals	8	333	4	75	3,232	1	1	1	1	0	4	6500-8500	P
<b>Houston</b>													
Baylor University Affiliated Hospitals	...	...	...	...	...	0	4	4	4	0	12	5482-6777	P
Ben Taub General	8	449	1	0	6,501	...	...	...	...	...	...	...	...
Methodist	11	1,351	3	100	296	...	...	...	...	...	...	...	...
Veterans Admin.	14	340	17	53	4,305	...	...	...	...	...	...	...	...
<b>UTAH</b>													
<b>Salt Lake City</b>													
University of Utah Affiliated Hospitals	...	...	...	...	...	1	1	1	1	0	4	...	...
University	8	477	5	60	4,782	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>													
<b>Burlington</b>													
Medical Center Hospital of Vermont	6	1,351	5	100	3,196	1	2	1	1	1	6	6600-9000	O
<b>VIRGINIA</b>													
<b>Charlottesville</b>													
University of Virginia	23	1,129	13	54	10,419	0	2	2	2	0	6	4800-6000	O
<b>Richmond</b>													
Medical College of Virginia Affiliated Hospitals	...	...	...	...	...	4	4	4	4	2	18	...	...
Medical College of Virginia-Hospital Division	14	1,216	2	50	14,512	...	...	...	...	...	...	4800-6000	P
Veterans Admin.	9	233	2	50	4,026	...	...	...	...	...	...	4830-8550	P
<b>WASHINGTON</b>													
<b>Seattle</b>													
University of Washington Affiliated Hospitals	...	...	...	...	...	3	3	3	3	0	12	...	...
University	2	218†	1	100	1,888	...	...	...	...	...	...	6000-8000	P
Children's Orthopedic Hospital and Medical Center	6	984	0	0	977	...	...	...	...	...	...	6000-8000	P
U. S. Public Health Service	8	493	2	50	6,330	...	...	...	...	...	...	...	...
<b>WEST VIRGINIA</b>													
<b>Morgantown</b>													
West Virginia University Medical Center	15	1,320	4	75	8,604	2	2	2	2	0	8	7000-...	O
<b>WISCONSIN</b>													
<b>Madison</b>													
University of Wisconsin Affiliated Hospitals	...	...	...	...	...	2	2	2	2	0	8	...	...
University Hospitals	12	816	4	25	6,033	...	...	...	...	...	...	4600-7150	P
Madison General	10	1,101	4	25	...	...	...	...	...	...	...	4600-7150	P
Veterans Admin.	9	218	7	71	701	...	...	...	...	...	...	4830-7430	P
<b>Milwaukee</b>													
Veterans Admin. Center (Wood)	17	373	19	16	3,435	3	3	3	3	0	12	7200-10600	P

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 16. PATHOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education, and the American Board of Pathology as offering acceptable training in the specialty. Services which have been evaluated on the basis of training in the two categories, pathologic anatomy and clinical pathology, are designated as follows: A—atomic pathology only; C—clinical pathology only; P—atomic pathology and clinical pathology. SP—special pathology is a separate category. Programs, 655; Residencies, 3,763.

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P P P O	
							1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES AIR FORCE</b>															
<b>TEXAS</b>															
Wilford Hall U.S.A.F., San Antonio	R. W. Morrissey	315	1,559,730	14,402	14,366	4P	2	2	2	2	0	8	.....	..	
<b>UNITED STATES ARMY</b>															
<b>CALIFORNIA</b>															
Letterman General, San Francisco	R. E. Kellenberger	219	681,679	5,513	5,505	4P	2	2	2	2	0	8	.....	..	
<b>COLORADO</b>															
Fitzsimons General, Denver <sup>137</sup>	W. R. Dwyer	200	640,378	4,731	4,539	4P	2	2	2	2	0	8	.....	..	
<b>DISTRICT OF COLUMBIA</b>															
Walter Reed General, Washington	M.H.Sulak	330	2,249,311	10,055	9,872	4P	3	3	3	3	0	12	.....	..	
<b>HAWAII</b>															
Tripler General, Honolulu	W. C. Butz	230	1,157,237	9,102	9,102	4P	2	2	2	2	0	8	.....	..	
<b>TEXAS</b>															
William Beaumont General, El Paso	E. W. Ylitalo	252	1,097,696	5,977	5,917	4P	2	2	1	1	0	6	.....	..	
Brooke General, San Antonio	S. A. Chamblin, Jr.	405	1,545,857	6,805	6,768	4P	2	2	2	2	0	8	.....	..	
<b>WASHINGTON</b>															
Madigan General, Tacoma	W. Meriwether	220	1,226,253	6,452	6,434	4P	2	2	2	2	0	8	.....	..	
<b>UNITED STATES ARMY, NAVY, AND AIR FORCE</b>															
<b>DISTRICT OF COLUMBIA</b>															
Armed Forces Institute of Pathology, Washington	E. B. Helwig	14,639	...	31,602	31,602	1A	0	0	10	10	0	20	.....	..	
<b>UNITED STATES NAVY</b>															
<b>CALIFORNIA</b>															
U. S. Naval, Oakland	M. Borowsky	137	482,418	7,942	7,230	4P	1	1	1	1	0	4	.....	..	
U. S. Naval, San Diego	R. M. Dimmette	424	2,194,241	15,509	11,632	4P	2	3	2	3	0	10	.....	..	
<b>MARYLAND</b>															
U. S. Naval, Bethesda	F. J. Steen	307	829,914	8,466	8,427	4P	2	2	2	2	0	8	.....	..	
<b>NEW YORK</b>															
U. S. Naval, St. Albans	C. F. Bishop	148	661,908	4,746	4,726	4P	1	1	1	2	0	5	.....	..	
<b>PENNSYLVANIA</b>															
U. S. Naval, Philadelphia	W. E. Schrader	185	358,642	5,540	4,542	4P	1	1	1	1	0	4	.....	..	
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>LOUISIANA</b>															
U. S. Public Health Service, New Orleans	R. N. Padgett	116	340,992	5,237	5,200	4P	2	2	1	1	0	6	.....	..	
<b>MARYLAND</b>															
U. S. Public Health Service, Baltimore <sup>196</sup>	R. Y. Katase	110	425,434	3,801	3,769	4P	2	1	2	1	0	6	.....	..	
National Institutes of Health - Clinical Center, Bethesda	G. Williams	306	850,000	5,221	5,221	4P	...	...	...	...	...	15	.....	..	
<b>NEW YORK</b>															
U.S. Public Health Service (Staten Island), New York City	L. J. Karlin	135	366,600	4,957	4,957	4P	2	2	2	2	0	8	.....	..	
<b>WASHINGTON</b>															
U.S. Public Health Service, Seattle - See Univ. of Washington Affiliated Hospitals, Seattle, Wash.															
<b>DEPARTMENT OF HEALTH, EDUCATION AND WELFARE</b>															
<b>DISTRICT OF COLUMBIA</b>															
St. Elizabeths, Washington	P. A. Athanasiadou	191	295,749	747	747	1A	1	1	0	0	0	2	7253-8985	O	
<b>OTHER FEDERAL</b>															
<b>CANAL ZONE</b>															
Gorgas, Balboa Heights	L. Hieger	290	459,060	4,465	3,964	4P	1	1	1	1	0	4	8705-11361	O	
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ALABAMA</b>															
<b>Birmingham</b>															
Birmingham Baptist Hospitals	A. E. Casey	346	1,430,710	15,225	15,225	4P	4	2	2	2	0	10	6660-...	O	
Baptist Medical Center		...	...	...	...	...	...	...	...	...	...	...	...	...	
Birmingham Baptist		...	...	...	...	...	...	...	...	...	...	...	...	...	
Caraway Methodist	J. Beaird	163	297,414	5,134	5,134	4P	1	1	1	1	0	4	6600-9600	P	
University of Alabama Medical Center	C. H. Lupton, Jr., J. Straumfjord	...	...	...	...	4P	10	10	7	3	1	31	.....	..	
University of Alabama Hospitals and Clinics	C.H. Lupton, Jr.	477	886,664	7,087	6,724	...	...	...	...	...	...	...	6240-9240	P	
Veterans Admin.	B. Hathaway, J. Straumfjord	255	392,823	2,248	2,248	...	...	...	...	...	...	...	4830-8550	O	

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Maintenance
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>ALABAMA—Continued</b>														
<b>Fairfield</b>														
Lloyd Noland	H.G.Davis,Jr.	142	172,629	4,809	3,920	4P	1	0	1	0	0	2	6900-10800	FP
<b>Mobile</b>														
Mobile General	E.L.Brown	192	342,753	3,019	2,717	1A	1	1	1	0	0	3	6840-8040	P
<b>Tuscaloosa</b>														
Druid City	L. Brahen	...	...	...	...	1A	...	...	...	...	...	1	4800-7200	O
<b>ARIZONA</b>														
<b>Phoenix</b>														
Good Samaritan	M.Richter	352	322,758	13,006	10,766	4P	2	2	1	1	0	6	7800-9300	F
Maricopa County General	F.Vigil	370	415,217	3,000	2,855	4P	3	2	2	1	0	8	8484-10700	P
St. Joseph's	R. A. Brooks	319	344,943	9,181	7,736	4P	1	1	1	1	0	4	6000-7800	F
<b>ARKANSAS</b>														
<b>Little Rock</b>														
Arkansas Baptist Medical Center	R.A.Burger	193	392,754	8,959	7,017	4P	1	1	1	1	0	4	6600-7200	P
University of Arkansas Medical Center	W. E. Jaques	...	...	...	...	4P	2	2	2	2	1	9	...	...
University	W. E. Jaques	344	308,352	4,897	4,897	...	...	...	...	...	...	...	4900-10000	O
Veterans Admin. Consolidated	H.J.White,R.Pope	330	550,814	3,693	3,648	...	...	...	...	...	...	...	4830-14407	P
<b>CALIFORNIA</b>														
<b>Bakersfield</b>														
Kern County General	R.W.Huntington	756	380,443	12,743	5,455	4P	1	1	1	1	0	4	7500-9300	P
<b>Burbank</b>														
St. Joseph	R.Straus	219	197,640	8,727	6,894	4P	2	2	2	2	0	8	6000-12000	O
<b>Duarte</b>														
City of Hope Medical Center	G.D.Amromin	208	271,724	4,772	4,772	2P	0	1	1	0	1	3	6000-9600	F
<b>Glendale</b>														
Glendale Adventist	A. F. Brown	428	212,774	4,760	3,409	4P	1	1	1	1	0	4	7080-8860	P
<b>La Jolla</b>														
Scripps Memorial	P.L. Gausewitz	120	114,159	3,800	3,193	2P	1	0	0	0	0	1	4800-5400	O
<b>Loma Linda</b>														
Loma Linda University Hospital - Riverside General	W.P. Thompson	...	...	...	...	4P	2	1	1	1	1	6	...	...
Loma Linda University	W.P. Thompson	200	300,000	5,100	4,500	...	...	...	...	...	...	...	6198-7260	FP
Riverside General (Riverside)	C. Small	188	265,954	2,023	1,967	...	...	...	...	...	...	...	...	...
<b>Long Beach</b>														
Memorial Hospital of Long Beach	E.R. Jennings	300	425,324	9,898	8,319	4P	1	1	3	1	0	6	6000-7200	P
St. Mary's Long Beach	T. Kiddie	191	279,264	7,321	5,074	4P	1	1	1	1	0	4	8400-10200	P
Veterans Admin. <sup>194</sup>	I. M. Reingold	554	819,167	4,780	4,630	4P	3	2	2	3	0	10	8032-10564	O
<b>Los Angeles</b>														
California	P. H. Jernstrom	222	155,018	7,075	4,355	4P	1	1	1	1	0	4	6900-8700	F
Cedars-Sinai Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cedars of Lebanon Hospital Division	N. Friedman	310	437,465	9,298	9,175	4P	2	2	2	2	1	9	6000-8100	P
Mount Sinai Hospital Division	L. Kaplan	131	294,651	4,218	3,753	4P	1	1	1	0	0	3	6000-8100	P
Childrens Hospital of Los Angeles	B. H. Landing	236	233,966	3,438	1,418	1A	...	...	...	...	...	5	5160-8000	P
Hospital of the Good Samaritan Medical Center	W. H. Kern	269	244,055	7,138	5,822	4P	1	0	0	1	0	2	6000-7600	FP
Kaiser Foundation	J. Gordon	252	2,256,011	16,836	168	4P	1	1	1	1	0	4	6300-8100	P
Los Angeles County-U.S.C. Medical Center	P. Beamer	1,786	3,313,189	19,779	15,402	4P	6	6	6	6	0	24	7632-9528	P
Queen of Angels	J.H. Cremin	193	153,299	5,109	3,975	4P	1	1	1	1	0	4	6000-7800	F
U. C. L. A.	S. C. Madden	361	375,744	7,579	6,700	4P	...	...	...	...	...	15	5400-8600	O
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Center-Wadsworth <sup>115</sup>	B. G. Fishkin	817	887,017	9,850	9,850	4P	5	4	4	4	1	18	8032-10564	P
White Memorial Medical Center	O. B. Pratt	280	593,332	6,787	5,068	4P	1	1	1	1	0	4	6660-8460	P
<b>Los Gatos</b>														
Community Hospital-Los Gatos-Saratoga	D. Krag, A. Heupel	84	...	...	...	2P	...	...	...	...	...	2	7200-...	P
<b>Martinez</b>														
Veterans Admin.	P.J. Melnick	204	216,209	3,650	3,501	4P	...	...	...	...	...	6	6672-14409	O
<b>Mountain View</b>														
El Camino	S. L. Eversole	153	364,316	7,776	5,586	4P	2	2	2	2	0	8	4800-8400	O
<b>Oakland</b>														
Children's Hospital Medical Center of Northern California	B. Von Schmidt	92	132,163	2,402	537	1A	1	0	0	0	0	1	5100-5100	FP
Highland General	R.J. Parsons	381	186,282	5,264	4,867	4P	2	2	2	0	0	6	7200-8400	P
Kaiser Foundation	N. L. Morgenstern	292	1,000,000	8,693	7,200	4P	1	1	1	1	0	4	7500-9600	FP
Samuel Merritt	C.P. Baker	182	325,100	6,402	5,245	4P	1	1	1	1	0	4	5772-7728	P
<b>Orange</b>														
Orange County Medical Center	D.M. Katsuyama	437	659,883	3,569	3,212	4P	1	1	1	1	0	4	7296-9312	P
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals	D. Korn	...	...	...	...	4P	4	3	3	3	0	13	...	...
Palo Alto-Stanford Hospital Center	D. Korn	421	741,626	8,504	8,213	...	...	...	...	...	...	...	5700-8400	P
Veterans Admin.	B. Gerstl	216	464,041	3,991	3,991	...	...	...	...	...	...	...	...	...
<b>Pasadena</b>														
Huntington Memorial	D. Shillam	350	445,981	10,254	7,893	4P	1	1	1	1	0	4	6900-8700	FP
<b>Riverside</b>														
Riverside General - See Loma Linda Univ. Hosp.-Riverside General, Loma Linda	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Sacramento</b>														
Mercy	S. Friedlander	108	398,889	8,750	5,419	4P	1	1	0	0	0	2	7200-...	O
Sacramento County	R. Hardre	387	413,715	2,118	1,914	4P	1	1	1	1	0	4	8520-10344	P
Sutter Community Hospitals of Sacramento	C. M. Blumenfeld	228	359,462	8,840	8,769	4P	1	1	1	1	0	4	6000-7800	...
<b>San Diego</b>														
Donald N. Sharp Memorial Community	H. R. Irwin	263	295,386	15,007	10,917	4P	1	1	1	1	0	4	6000-9800	O
Mercy	D. De Santo	223	380,446	19,617	16,112	4P	1	1	1	1	0	4	4980-6780	F
University Hospital of San Diego County	A. A. Liebow	306	400,000	3,057	2,800	4P	2	2	2	2	0	8	5200-7200	P

18. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>CALIFORNIA—Continued</b>														
<b>San Francisco</b>														
Children's Hospital and Adult Medical Center	S. T. Nerenberg	160	310,380	4,913	3,882	4P	1	1	1	1	0	4	7800-9600	P
French	G. A. Watson	115	121,434	3,374	3,290	2P	1	1	1	0	0	3	7800-9000	P
Harkness Community Hospital and Medical Center	A. G. Scottolini	144	323,173	4,940	4,791	4P	1	1	0	0	0	2	7080-9900	F
Kaiser Foundation	M. L. Bassis	286	625,719	11,598	10,206	4P	1	1	1	1	0	4	7200-9360	P
Mount Zion Hospital and Medical Center	N. Rudo	355	495,973	10,105	9,306	4P	1	1	1	1	0	4	7500-9300	P
Pacific Medical Center - Presbyterian	J. Kleinhenz	159	214,299	4,045	3,545	4P	1	1	1	1	0	4	6600-8100	P
St. Francis Memorial	J. L. Zundell	...	...	...	...	4P	...	...	...	...	...	...	4800-6000	P
St. Joseph's	C. M. Mc Candless, Jr.	134	103,077	3,255	2,659	2P	1	1	0	0	0	2	6000-9600	FP
St. Luke's	M. B. Black	173	176,773	4,585	3,732	4P	1	1	1	1	0	4	7800-9600	O
St. Mary's	R. A. Jeffrey	142	315,835	6,813	6,122	4P	1	1	1	1	0	4	7200-9000	O
University of California Program	H. D. Moon	...	...	...	...	4P	4	10	5	6	2	27	...	...
H. C. Moffitt-University of California Hospitals	O. Rambo, G. Brecher	326	441,078	6,545	6,545	...	...	...	...	...	...	...	5200-8400	O
San Francisco General	O. Rambo, G. Brecher	397	319,000	3,012	3,000	...	...	...	...	...	...	...	4692-8652	P
Veterans Admin.	S. H. Choy	206	432,287	2,230	2,055	...	...	...	...	...	...	...	4210-8230	O
<b>San Jose</b>														
O'Connor	L. R. Grams	167	244,054	7,094	4,137	4P	1	1	1	1	0	4	5400-10200	P
Santa Clara Valley Medical Center	R. S. Cox	365	421,370	3,397	3,221	4P	2	2	2	2	0	8	7238-9006	F
<b>San Pablo</b>														
Brookside	C. Rolle, G. Norton	116	275,697	4,191	3,729	4P	0	1	1	1	1	4	6000-...	O
<b>Santa Barbara</b>														
Santa Barbara Cottage	D. R. Dickson	170	174,000	6,725	5,645	4P	1	1	1	0	0	3	5100-6900	F
<b>Santa Monica</b>														
St. John's	G. J. Hummer	139	570,752	6,415	4,222	2A	1	1	0	0	0	2	...	...
<b>Stockton</b>														
San Joaquin General	H. Schneider	288	196,189	2,772	2,378	4P	1	1	1	1	0	4	6288-11808	F
<b>Torrance</b>														
Los Angeles County Harbor General	D. Moyer	503	769,851	5,984	5,738	4P	3	3	3	3	0	12	7632-9528	P
<b>COLORADO</b>														
<b>Colorado Springs</b>														
Penrose	M. Berthrong	255	273,594	...	...	4P	1	1	1	1	0	4	4800-6000	FP
<b>Danver</b>														
Children's	E.C.Beatty	124	520,326	2,775	934	2P	3	2	0	0	0	5	5000-5500	P
Denver General	G. Ogura	338	559,967	3,574	3,448	4P	1	1	1	1	0	4	4800-6300	P
General Rose Memorial	J.Minckler	245	500,000	6,404	6,250	4P	1	1	1	1	0	4	7560-8160	P
Mercy	R. L. Hawley	163	257,915	8,916	8,666	4P	...	...	...	...	...	4	7200-8400	P
Porter Memorial	J. Denst	115	148,097	4,786	4,664	4P	1	1	1	1	0	4	3600-7200	O
Presbyterian Medical Center	A. E. Lubchenko	254	342,940	7,947	6,554	4P	2	2	1	1	0	6	6000-7200	P
St. Anthony	S.Kurland,R.Herrmann	162	309,777	10,778	7,225	4P	1	1	1	1	0	4	7500-8400	P
St. Joseph	J. B. Holyoke	290	500,431	12,671	9,774	4P	1	1	1	1	0	4	5520-6720	P
St. Luke's	W. C. Black	254	287,534	7,955	6,442	4P	1	1	1	1	0	4	6600-7800	P
University of Colorado Affiliated Hospitals	R. B. Hill	...	...	...	...	4P	5	5	5	5	2	22	...	...
University of Colorado Medical Center	R. B. Hill	436	...	5,076	5,065	...	...	...	...	...	...	...	4500-6500	O
Veterans Admin.	C.W.Anthony	313	431,715	2,026	2,016	...	...	...	...	...	...	...	4610-13321	O
<b>Pueblo</b>														
St. Mary-Corwin	G. E. Mc Kinnon	117	320,981	5,729	4,311	4P	1	1	1	1	0	4	8400-8400	P
<b>CONNECTICUT</b>														
<b>Bridgeport</b>														
Bridgeport	R. H. Pope	341	443,061	7,913	5,846	4P	1	1	1	1	0	4	5400-8100	FP
St. Vincent's	D. H. Lobdell	303	341,000	6,249	5,112	4P	1	1	1	1	0	4	5700-6600	P
<b>Danbury</b>														
Danbury	N. Herrera	146	262,793	4,397	3,421	4P	1	1	1	1	0	4	6000-7800	F
<b>Derby</b>														
Griffin	D. F. Miller	99	155,440	3,123	2,231	4P	1	1	1	1	0	4	5000-6500	F
<b>Greenwich</b>														
Greenwich	D. W. Benninghoff	220	214,474	5,950	4,885	4P	1	1	0	0	0	2	5300-6200	F
<b>Hartford</b>														
Hartford	R. Tennant	778	768,930	16,635	13,127	4P	2	2	2	2	0	8	7000-9400	P
St. Francis	J.E.Thayer	344	517,403	12,670	11,539	4P	1	1	1	1	0	4	4500-5700	F
<b>Manchester</b>														
Manchester Memorial	F. P. Becker	179	154,711	6,037	4,032	2P	1	1	0	0	0	2	5100-5100	F
<b>Middletown</b>														
Middlesex Memorial	C. McLeod	187	168,458	4,303	3,312	4P	1	1	1	1	0	4	5500-7000	P
<b>New Britain</b>														
New Britain General	P.D. Rosahn	281	276,891	7,277	6,099	4P	1	1	1	1	0	4	7080-7960	P
<b>New Haven</b>														
Hospital of St. Raphael	R. Nesbit	300	422,630	7,246	6,566	4P	1	1	1	1	0	4	5400-8220	P
Yale-New Haven Medical Center	A.Liebow,D.Seligson	717	861,771	14,552	8,175	4P	6	8	4	0	0	18	6600-8400	P
Yale-New Haven	E.R.Yesner	264	650,633	3,836	3,550	4P	1	1	1	1	1	5	4830-8550	O
Veterans Admin. (West Haven)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Newington</b>														
Veterans Admin.	R. Olivetti	107	176,923	1,328	1,247	1A	1	1	0	0	0	2	4610-6440	P
<b>Norwalk</b>														
Norwalk Hospital	R. Barnett	240	280,859	6,288	4,317	4P	1	1	1	1	0	4	5400-7200	F
<b>Stamford</b>														
Stamford	E.S.Breakell	222	409,969	4,436	3,417	4P	1	1	1	1	0	4	5800-6700	P
<b>Waterbury</b>														
St. Mary's	M. E. Cox	211	260,779	4,759	3,620	4P	1	1	1	1	0	4	6000-7800	FP
Waterbury	J. O. Collins	273	233,926	5,408	3,777	4P	1	1	1	1	0	4	6000-7800	FP
<b>West Haven</b>														
Veterans Admin. - See Yale-New Haven Medical Center, New Haven	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>DELAWARE</b>														
<b>Wilmington</b>														
Wilmington Medical Center	J. Casella	699	1,315,874	17,604	...	...	4	4	4	4	...	16	...	...
Delaware Division	...	332	602,867	9,636	8,442	4P	...	...	...	...	...	...	6000-7200	P
Memorial Division	...	234	325,118	6,559	4,500	4P	...	...	...	...	...	...	6000-7200	P
Wilmington General Division	...	133	387,889	5,818	4,662	4P	...	...	...	...	...	...	6000-7200	P

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
						1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Children's Hospital of the District of Columbia	J. Patrick	145	287,358	4,659	1,154	1A	2	0	0	0	0	2	7000-7000	P
District of Columbia General	S. Perry	907	1,488,744	4,733	4,733	4P	2	1	1	1	0	5	6500-8500	P
Doctors Hospital-Sibley Memorial	O. B. Hunter, Jr.	203	301,290	5,946	4,685	4P	1	1	1	1	0	4	7200-9600	F
Doctors Sibley Memorial	C. C. Sampson	248	277,160	7,443	5,798	4P	2	2	2	2	0	8	6000-8000	F
Freedmen's	A. Golden	262	39,480	4,559	4,559	4P	2	2	1	1	0	6	7300-10000	O
Georgetown University	T. M. Peery	400	550,496	5,500	5,400	4P	2	2	2	2	0	8	7000-9000	P
George Washington University	K. L. Mc Coy	320	505,238	10,100	9,950	4P	2	2	1	1	0	6	7016-9020	P
Providence	M. Matthews	214	435,726	6,421	6,210	4P	1	1	1	1	0	4	7800-9600	FP
Veterans Admin.	V. E. Martens	316	660,000	4,826	4,826	4P	1	1	1	1	0	4	8000-14857	P
Washington Hospital Center		540	632,225	14,979	13,852	4P	4	2	2	2	0	10	8200-8500	P
<b>FLORIDA</b>														
<b>Fort Lauderdale</b>														
Broward General	R. Poppiti	363	483,069	7,427	5,537	4P	1	1	1	1	0	4	6000-7800	P
<b>Gainesville</b>														
William A. Shands Teaching Hosp. and Clinics <sup>110</sup>	R. L. Hackett	345	438,495	12,932	12,932	4P	4	4	4	2	1	15	4500-6000	O
<b>Hollywood</b>														
Memorial	J. Mickley	241	473,325	5,568	5,007	4P	0	0	1	1	0	2	6000-10000	P
<b>Jacksonville</b>														
Baptist Memorial	A. G. Foraker	275	361,902	10,165	8,683	4P	1	1	1	1	0	4	5700-7200	P
Duval Medical Center	C. I. Owen	209	354,009	3,785	3,773	4P	2	2	0	0	0	4	7200-9000	P
St. Vincent's	C. M. Whorton	195	313,749	8,945	6,479	4P	1	1	1	1	0	4	5700-7200	P
<b>Miami</b>														
Baptist Hospital of Miami	W. E. Riemer	118	473,354	5,637	5,074	2P	1	1	0	0	0	2	8340-8340	O
University of Miami Affiliated Hospitals	W. A. D. Anderson	863	1,623,638	11,506	8,658	4P	2	3	3	4	1	13	5693-6890	P
Jackson Memorial	R. M. Clark	61	116,611	1,309	484	2P	1	1	0	0	0	2	4610-7110	O
Variety Children's		313	497,000	4,881	4,820	4P	3	2	0	0	0	5		
Veterans Admin.														
<b>Miami Beach</b>														
Mount Sinai Hospital of Greater Miami	A. Rywlin	384	747,270	6,653	5,858	4P	2	2	2	1	1	8	6800-8800	P
<b>Orlando</b>														
Florida Sanitarium and Hospital	J. G. Jones	155	299,957	3,870	3,126	2P	1	1	1	1	0	4	6600-7500	F
Orange Memorial	C. G. Butt	318	616,627	6,686	6,215	4P	2	2	1	1	0	6	6900-7800	P
<b>Pensacola</b>														
Pensacola Educational Program	G. Squires	246	168,306	5,268	3,612	4P	1	1	1	1	0	4	7320-8820	P
Baptist	G. Squires	137	70,472	2,701	1,803	4P	1	1	1	1	0	4		
Escambia General	G. H. Hilbert	140	140,000	6,816	4,500	4P	1	1	1	1	0	4		
Sacred Heart														
<b>St. Petersburg</b>														
Mound Park	I. C. Evans	563	466,608	7,245	5,722	4P	1	1	1	1	0	4	6300-7200	P
<b>Tampa</b>														
Tampa General	G. S. Hooper	579	534,679	14,208	12,477	4P	2	2	2	2	0	8	5400-7200	FP
<b>GEORGIA</b>														
<b>Atlanta</b>														
Crawford W. Long Memorial	J. F. Olley	199	319,699	7,634	7,346	4P	3	2	2	1	0	8	5880-6900	O
Emory University Affiliated Hospitals	C. A. Santos-Buch	415	475,558	8,466	8,466	4P	5	5	4	4	1	19	5700-6600	P
Emory University	J. Mendeloff	189	353,013	2,029	1,909	4P	1	1	1	1	0	4	4830-8550	P
Veterans Admin.	N. Ende	615	1,099,020	9,705	9,705	4P	3	3	3	1	0	10	5700-6900	P
Grady Memorial	R. Vincenzi	127	429,172	14,981	14,795	4P	1	1	0	0	0	2	6600-8400	P
Piedmont	J. T. Godwin	172	335,379	7,795	7,384	4P	1	1	1	1	0	4	6180-7140	P
St. Joseph's Infirmary														
<b>Augusta</b>														
Medical College of Georgia Hospitals	A. B. Chandler	266	825,652	4,330	4,150	4P	2	2	2	2	1	9	4800-7600	P
Eugene Talmadge Memorial	W. Murphy	147	300,356	6,271	4,703	4P	1	1	1	1	0	4		
University														
<b>Savannah</b>														
Memorial Medical Center	W. S. Medart	211	218,605	3,463	3,319	4P	1	1	1	1	0	4	5100-6600	F
<b>HAWAII</b>														
<b>Honolulu</b>														
Kuakini Hospital and Home	G. Stemmermann	154	138,653	4,139	3,670	4P	1	1	1	1	0	4	7800-9600	P
Queen's	D. Will	298	369,155	6,471	6,269	4P	1	1	2	1	0	5	7800-9600	O
St. Francis	M. H. Haber	133	202,259	4,499	3,732	4P	1	1	1	1	0	4	7800-9600	O
<b>ILLINOIS</b>														
<b>Berwyn</b>														
MacNeal Memorial	B. H. Neiman	231	329,731	10,503	9,122	4P	1	1	1	1	0	4	6000-7800	FP
<b>Chicago</b>														
American Hospital of Chicago	W. Eisenstaedt, B. Khan	74	98,670	1,411	1,292	2P	0	1	0	0	0	1	4800-4800	F
Augustana	G. Milles	148	230,402	3,602	3,275	4P	1	1	1	0	0	3	7500-7620	P
Chicago Medical School Affiliated Hospitals														
Mount Sinai Hospital Medical Center of Chicago	A. Rubenstone	235	586,302	4,140	3,765	4P	3	3	3	3	0	12	6000-7500	P
Columbus	C. Maso	173	339,467	4,143	3,884	4P	1	1	1	1	0	4	6900-7500	P
Frank Cuneo	C. Maso	65	90,163	1,691	1,357	4P	1	1	1	1	0	4	6900-7500	P
St. Frances Xavier Cabrini	C. Maso, F. Veenbaas	70	102,257	1,853	1,792	4P	1	1	1	1	0	4	6900-7500	P
Cook County	P. B. Szanto	1,910	2,365,472	17,456	17,436	4P	6	4	3	3	0	16	5400-7800	F
Edgewater	L. Gamboa	186	220,669	5,023	4,896	4P	2	1	0	1	0	4	6600-7800	F
Englewood	C. A. Torres	80	89,051	1,905	1,519	2P	2	0	0	0	0	2	7200-7800	O
Grant	S. Barron	125	164,033	5,441	4,925	4P	1	1	1	1	0	4	6600-7200	P
Illinois Central	W. P. Mavrelis	83	117,346	3,671	3,163	1A	1	0	0	0	0	1	7546-7546	FP
Illinois Masonic	G. Gyori	291	169,266	7,948	7,732	4P	1	1	1	1	0	4	7200-8400	FP
Jackson Park	L. S. Medgyesy, A. Sion	101	131,940	2,251	1,937	2P	1	1	0	0	0	2	7800-10800	P
Louis A. Weiss Memorial	W. Drwiga	130	329,005	4,838	4,615	4P	1	1	1	1	0	4	6900-7800	P
Mercy Hospital and Medical Center	G. W. Changus	166	410,576	4,543	4,543	4P	2	2	1	1	0	6	5700-6600	P
Michael Reese Hospital and Medical Center	C. Pirani	527	1,684,495	11,064	10,100	4P	4	3	3	2	0	12	5800-8400	P

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P F O
						1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>ILLINOIS, Chicago — Continued</b>													
<b>Northwestern University Medical Center</b>													
W. B. Wartman	365	557,417	12,915	11,931	4P	2	2	2	2	0	8	6000-7500	P
K.A. Schneider	177	260,658	1,684	1,684	2P	2	0	2	0	0	2	6000-8000	P
J. Boggs	159	309,783	4,280	4,280	4P	1	1	1	0	0	3	6000-7500	P
W. Wartman, J. Shernick	365	756,684	2,482	2,110	4P	2	2	1	1	0	6	6400-8550	O
H. Yokoo	332	500,029	6,768	5,936	4P	3	0	1	1	0	5	6000-7000	P
C. B. Taylor	620	986,309	10,391	9,562	4P	2	2	1	3	2	10	6000-8500	P
G.M. Hass	111	220,000	3,722	3,200	1A	1	0	0	0	0	1	8100-8100	P
H. Hetz	196	305,925	4,718	3,194	4P	1	1	1	1	0	4	6600-6600	O
J.B. Hartney	231	375,040	5,499	5,147	4P	1	1	1	1	0	4	6300-7440	F
J. Kraft	120	127,992	3,909	2,745	1A	2	0	0	0	0	2	8100-8100	F
M.C. Godwin	111	156,829	2,641	1,904	4P	1	1	1	1	0	4	6180-6720	F
J. B. Mc Cormick	University of Chicago Hospitals and Clinics												
R. W. Wissler	442	953,472	6,654	6,624	4P	2	2	8	4	2	18	6000-8000	O
University of Illinois Research and Educational Hospitals <sup>170</sup>													
C. A. Krakower	346	1,358,522	14,269	14,269	4P	3	3	3	3	0	12	5700-6600	P
B. Chomet	302	593,000	2,200	2,200	4P	2	1	1	0	0	4	6400-13957	O
Veterans Admin. (West Side) <sup>172</sup>													
O. C. Brosius	153	214,640	4,592	3,400	4P	1	1	1	1	0	4	6900-8700	F
<b>Decatur</b>													
O. C. Brosius	153	214,640	4,592	3,400	4P	1	1	1	1	0	4	6900-8700	F
<b>Evanson</b>													
Evanson - See Northwestern University Medical Center, Chicago													
G.A. Nedzel	289	351,968	5,967	4,713	4P	1	1	1	1	0	4	6780-7260	FP
<b>Evergreen Park</b>													
L. J. Knaff	256	759,124	7,253	5,085	4P	1	1	1	1	0	4	7200-8100	P
<b>Hines</b>													
M. E. Rubnitz	652	899,138	3,919	3,800	4P	2	2	2	2	0	8	6400-7600	O
<b>Oak Park</b>													
G. Kent, F. Volini	249	252,798	6,100	5,407	4P	2	1	2	1	0	6	6200-7200	O
<b>Park Ridge</b>													
J. Valaitis	227	396,961	6,720	5,412	4P	1	1	1	1	0	4	4800-7200	P
<b>Peoria</b>													
H. I. Brown	198	408,191	6,451	5,286	4P	1	1	1	1	0	4	5400-6300	F
K. Kechriotis	318	377,931	5,283	4,507	4P	2	1	2	1	0	6	5400-6300	F
<b>Rockford</b>													
M.O. Alexander	212	272,317	4,950	4,045	4P	2	1	0	0	0	3	4800-6000	F
<b>Urbana</b>													
P. Friedman	85	220,000	4,400	3,850	1A	1	0	0	0	0	1	3500-...	P
<b>INDIANA</b>													
<b>Elkhart</b>													
Elkhart General - See South Bend Medical Foundation Hospitals, South Bend													
<b>Evansville</b>													
F. Porro	139	247,981	4,610	3,192	2P	1	1	0	0	0	2	6000-6600	P
<b>Fort Wayne</b>													
L.A. Schneider	208	248,981	13,057	12,214	4P	2	1	1	1	0	5	6000-8400	P
<b>Gary</b>													
W. P. Loh	246	244,455	8,603	7,010	4P	1	1	1	1	0	4	8400-11400	F
E. J. Mason	214	273,997	7,025	5,776	4P	2	0	2	0	0	4	8000-10000	P
<b>Indianapolis</b>													
F. Vellios	...	...	...	...	4P	4	4	4	4	0	16	...	...
F. Vellios	373	770,000	5,993	5,975	...	...	...	...	...	...	...	5100-6600	P
J. Benz	724	516,195	4,077	3,951	...	...	...	...	...	...	...	5764-6916	P
D. Rosenbaum	375	367,369	3,014	3,014	...	...	...	...	...	...	...	4830-8550	O
L. H. Hoyt	491	1,699,754	17,213	10,826	4P	3	2	3	2	0	10	5880-6780	P
L.N. Foster	183	427,428	6,792	5,893	4P	1	1	1	1	0	4	6100-8000	P
<b>Lafayette</b>													
H. T. Russell	117	202,930	4,302	3,375	4P	1	1	1	1	0	4	5400-6000	P
<b>Mishawaka</b>													
St. Joseph - See South Bend Medical Foundation Hospitals, South Bend													
<b>Muncie</b>													
L. G. Montgomery	303	183,973	8,889	6,689	4P	1	1	1	1	0	4	5700-6660	FP
<b>South Bend</b>													
South Bend Medical Foundation Hospitals													
J.R. Bennett	530	523,479	17,264	12,923	4P	2	2	2	2	0	8	6600-7200	O
Elkhart General (Elkhart)													
...	47	25,219	1,421	986	...	...	...	...	...	...	...	...	...
St. Joseph (Mishawaka)													
...	...	...	...	...	...	...	...	...	...	...	...	...	...
Memorial Hospital of South Bend													
...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Joseph's													
...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>IOWA</b>													
<b>Cedar Rapids</b>													
R.F. Looker	235	299,732	5,473	3,606	4P	4	1	1	1	0	4	7200-8100	F
<b>Des Moines</b>													
J.W. Green, Jr.	243	284,397	10,399	8,342	4P	1	1	1	1	0	4	6300-7200	F
J. Song	165	304,611	4,303	4,283	4P	1	1	1	1	0	4	6600-7500	F
T.E. Corcoran	176	170,209	2,497	2,497	1A	1	0	0	0	0	1	4610-8230	P
<b>Iowa City</b>													
E. D. Warner	510	789,237	10,613	10,613	4P	3	3	3	3	2	14+	5000-7000	P
K.R. Cross	216	306,818	2,057	1,875	4P	1	1	1	1	0	4	5400-8230	P
<b>KANSAS</b>													
<b>Kansas City</b>													
D. Scarpelli	420	1,077,603	8,488	7,824	4P	4	5	4	4	0	17	4500-6500	P
H. P. Fink	302	490,937	3,155	2,850	...	...	...	...	...	...	...	4830-7430	O
<b>Wichita</b>													
R. J. Muelling	395	1,204,400	12,538	10,198	4P	1	1	1	1	0	4	6614-7540	FP
St. Joseph Hospital and Rehabilitation Center - Veterans Admin.													
W. J. Reals	...	...	...	...	4P	1	1	1	1	0	4	...	...
St. Joseph Hospital and Rehabilitation Center													
W. J. Reals	157	274,999	9,123	6,917	...	...	...	...	...	...	...	6000-7200	P
R. S. Jessup	138	180,360	1,432	1,432	...	...	...	...	...	...	...	6032-7430	O
B. E. Stofer	194	1,200,000	15,000	13,000	4P	1	1	1	1	0	4	6600-7500	F

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>KENTUCKY</b>														
<b>Harlan</b>														
Harlan Appalachian Regional	J. J. Salter	137	89,594	4,849	242	1A	2	0	0	0	0	2	6400-7000	P
<b>Lexington</b>														
St. Joseph University	J. T. Mc Clellan	130	348,860	7,759	6,982	2P	1	0	0	0	0	1	4510-6360	P
	W. B. Stewart	242	422,740	12,790	12,790	4P	1	1	1	1	0	4	4560-6960	P
<b>Louisville</b>														
University of Louisville Affiliated Hospitals														
Children's	W. M. Christopherson	...	...	...	...	4P	2	2	2	2	1	9	5000-...	P
Louisville General	D. R. Kmetz	79	68,823	1,551	609	...	...	...	...	...	...	...	...	...
Veterans Admin.	W. M. Christopherson	541	550,000	5,345	5,185	...	...	...	...	...	...	...	...	...
	R. W. Kirchberg	241	241,051	2,273	2,237	4P	2	1	1	0	0	4	12873-12873	O
<b>LOUISIANA</b>														
<b>New Orleans</b>														
Charity Hospital of Louisiana	E. Moss	1,316	1,506,586	14,317	14,317	4P	...	...	...	...	...	16	5400-6000	F
Ochsner Foundation	G. M. Carrera	247	650,009	8,848	8,513	3C	...	...	...	...	...	3	6500-7500	O
Ochsner Foundation	G. M. Carrera	247	650,009	8,848	8,513	4P	...	...	...	...	...	6	6500-8000	O
Touro Infirmary	A. J. Hertzog	288	384,325	7,883	7,883	4P	0	0	0	0	0	0	6191-8712	O
Veterans Admin.	J. Ziskind	299	354,842	3,051	3,006	4P	2	2	2	2	0	8	4610-7110	O
<b>Shreveport</b>														
Confederate Memorial Medical Center	W. R. Mathews	343	552,182	5,909	5,909	4P	1	1	1	1	0	4	5400-6000	F
<b>MAINE</b>														
<b>Bangor</b>														
Eastern Maine General	R. C. Wadsworth	216	187,063	9,146	7,837	4P	1	1	1	0	0	3	3900-4800	FP
<b>Lewiston</b>														
Central Maine General	R. Potts	183	175,892	5,739	4,392	4P	1	1	1	1	0	4	5000-6500	F
<b>Portland</b>														
Maine Medical Center	J. E. Porter	273	354,704	6,757	4,671	4P	1	1	1	1	0	4	5850-8910	FP
<b>MARYLAND</b>														
<b>Baltimore</b>														
Baltimore City Hospitals	A. Pollack	560	660,443	4,549	4,549	4P	2	2	3	2	1	10	5000-7200	O
Johns Hopkins	R. H. Heptinstall	702	1,403,899	15,056	15,056	3A	8	4	4	1	1	18	5000-...	P
Maryland General	W. B. King, Jr.	212	583,065	9,898	8,921	3A	1	1	1	0	0	3	6100-6300	P
Mercy	R. Lancaster	163	692,252	7,563	7,339	4P	1	1	0	0	0	2	6300-6600	F
Office of the Chief Medical Examiner, State of Maryland														
Provident	R. S. Fisher	2,000	...	...	...	1A	1	0	0	0	0	1	3420-3420	O
St. Agnes	H. L. Tseng	77	121,683	2,218	1,845	1A	1	0	0	0	0	1	5400-5400	F
St. Joseph	E. Rehak	170	359,960	8,728	9,079	3A	1	1	1	0	0	3	8000-9000	P
Sinal Hospital of Baltimore	L. F. Misanik	177	311,155	5,907	5,833	1A	1	1	0	0	0	2	6240-6480	P
Union Memorial	T. Weinberg	335	739,140	25,407	24,354	4P	3	3	1	1	0	8	5500-7000	P
University of Maryland	D. K. Merenyi	274	411,013	7,171	6,969	4P	1	1	1	1	0	4	7000-8500	P
	R. Schultz	401	24,133	9,105	8,637	4P	2	2	2	2	1	9	6500-8300	P
<b>Bethesda</b>														
Suburban	J. S. Shaver	291	396,233	7,343	5,760	4P	1	1	1	1	0	4	7600-8000	O
<b>Cheverly</b>														
Prince George's General	C. J. Burns	502	284,700	6,367	5,969	2P	1	1	0	0	0	2	8400-8800	O
<b>MASSACHUSETTS</b>														
<b>Beverly</b>														
Beverly	R. Fienberg	124	218,666	3,883	3,883	4P	2	0	0	0	0	2	6600-8400	F
<b>Boston</b>														
Beth Israel <sup>29</sup>	D. Freiman	279	379,869	5,861	5,861	4P	1	2	1	0	1	5	6000-10000	...
Boston City <sup>29</sup>	S. Robbins	885	144,945	9,158	9,096	4P	7*	6	3	3	0	19	6600-9000	O
Boston Hospital for Women <sup>29</sup>	J. M. Craig	165	200,922	11,419	11,419	1A	4	0	0	0	0	4	7300-9000	F
Carney	H. J. Christian	226	375,453	6,246	5,631	4P	1	1	1	1	0	4	6600-9000	P
Children's Hospital Medical Center	S. Farber	301	276,000	4,150	3,794	2P	6	3	0	0	0	9	6600-10000	P
Faulkner	P. M. Le Compte	98	116,223	2,626	2,200	1A	2	0	0	0	0	1	6000-10000	O
Lemuel Shattuck	G. W. Curtis	177	671	679	1,350	SP	2	0	0	0	0	2	6000-9000	P
Massachusetts General <sup>29</sup>	B. Castleman	1,043	1,436,181	17,242	17,242	4P	3	2	2	2	0	9	6600-9000	O
New England Deaconess	W. Meissner	346	477,410	11,206	8,485	4P	2	2	2	3	2	11	6600-10000	O
New England Medical Center Hospitals														
Peter Bent Brigham <sup>29, 201</sup>	H. E. Mc Mahon	244	693,768	4,098	4,000	2A	2	2	0	0	0	4	6600-9000	O
St. Elizabeth's Hospital of Boston	G. J. Dammin	369	505,688	4,963	4,963	4P	3	3	2	2	0	10	6600-10000	P
University	J. Graham	223	248,642	5,392	4,523	4P	1	1	1	1	0	4	6600-9000	P
Veterans Admin. (Jamaica Plain)	I. Gore	121	251,018	3,025	2,921	4P	1	1	1	1	1	5	6600-10000	O
Veterans Admin. (West Roxbury) <sup>5,29</sup>	R. A. Cote	367	822,565	3,319	3,319	4P	2	2	2	2	0	8	6600-10000	O
	E. O. Fox	121	275,628	1,280	1,280	2P	2	0	0	2	0	4	6600-10000	O
<b>Brockton</b>														
Brockton	G. R. Dickersin	118	228,004	4,017	2,832	3A	3	3	3	0	0	9	4000-4400	F
<b>Cambridge</b>														
Cambridge City	C. R. Robinson	153	240,000	3,478	3,420	4P	1	1	1	1	0	4	6600-9000	P
Mount Auburn	H. A. Bird	229	324,910	3,842	3,499	4P	1	1	1	1	1	4	6600-8400	O
<b>Fall River</b>														
Truesdale	W. Freeman	77	211,341	7,435	5,980	1A	...	...	...	...	...	2	5100-5100	F
<b>Framingham</b>														
Framingham Union	C. G. Tedeschi	343	237,612	7,196	5,338	4P	2	1	1	0	0	4	6600-9000	P
<b>Lawrence</b>														
Lawrence General	L.S. Jolliffe	122	190,605	3,659	2,211	2P	2	0	0	0	0	2	6000-7200	F
<b>Lynn</b>														
Lynn	H.G. Olken	217	302,475	3,436	3,436	4P	...	...	...	...	...	6	6600-9000	F
<b>Malden</b>														
Malden	M. Mac Kenzie	166	205,367	3,523	3,445	2P	0	1	0	0	0	1	6600-8100	P
<b>Newton Lower Falls</b>														
Newton-Wellesley	A. E. O'Dea	144	267,611	4,765	3,528	4P	1	1	1	1	0	4	6600-9000	P
<b>Norfolk</b>														
Pondville	R. Mc Auley	105	77,159	1,417	1,417	2P	0	0	1	1	0	2	10168-12945	O
<b>Pittsfield</b>														
Berkshire Medical Center	W. Beautyman	204	448,400	9,727	7,240	4P	1	1	1	1	0	4	5180-7100	F
Pittsfield General	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Luke's	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

State	City	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
								1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MASSACHUSETTS — Continued</b>															
Quincy	Quincy City	R. Street	120	200,791	6,305	5,035	4P	1	1	1	1	0	4	4400-5500	F
Salem	Salem	D. A. Nickerson	148	206,954	4,518	4,033	4P	2	1	1	1	0	4	6600-8400	F
Springfield	Springfield	J.A. Sullivan	270	363,108	7,942	6,340	4P	2	2	1	1	0	6	6600-9000	P
Worcester	Memorial	R.S. Harper	209	208,899	4,670	4,170	3A	1	0	0	0	0	1	5400-6000	F
	Worcester City	W. F. Mac Gillivray	266	318,635	3,507	4,293	4P	1	1	1	1	0	4	6595-8932	FP
<b>MICHIGAN</b>															
Allen Park	Veterans Admin. - See Wayne State University Affiliated Hospitals, Detroit														
Ann Arbor	St. Joseph Mercy	F. Holtz	271	282,627	9,728	9,626	4P	1	1	1	1	0	4	7500-8400	O
	University of Michigan Affiliated Hospitals	A.J. French	...	...	...	...	4P	8	8	8	8	0	32	...	...
	University	A. J. French	585	907,046	9,613	9,575	...	...	...	...	...	...	...	5000-6700	O
	Veterans Admin.	P. W. Gikas	227	289,621	2,217	2,217	...	...	...	...	...	...	...	4830-8550	O
	Wayne County General Hospital and Infirmary (Eloise)	R. W. Schmidt	318	629,295	4,040	3,978	...	...	...	...	...	...	...	6852-8500	F
Dearborn	Oakwood - See Wayne State University Affiliated Hospitals, Detroit														
Detroit	Children's Hospital of Michigan	W. Zuelzer	210	221,587	2,361	933	1A	1	0	0	0	0	1	6600-7200	P
	Grace	G. D. Stobbe	499	695,370	13,308	12,789	4P	1	1	1	1	0	4	6300-7200	P
	Henry Ford	R. C. Horn	762	1,178,111	14,608	14,251	4P	4	4	4	4	0	16	6180-7380	P
	Herman Kiefer	I. Selzer	94	691,264	18,998	18,998	1A	2	2	0	0	0	2	6718-7266	O
	Mount Carmel Mercy	L. W. Gardner	385	438,919	20,979	20,979	4P	2	2	1	1	0	6	6300-7200	P
	Sinai Hospital of Detroit	S.D. Kobernick	239	406,291	9,651	7,059	4P	1	1	1	1	0	4	6600-7800	P
	Wayne State University Affiliated Hospitals	J. Shrager	...	...	...	...	...	11	11	10	10	1	43	...	...
	Veterans Admin. (Allen Park)	J. Shrager	340	475,136	3,754	3,754	4P	...	...	...	...	...	...	4830-8550	O
	Oakwood (Dearborn)	R. L. Mainwaring	246	592,719	9,238	8,719	4P	...	...	...	...	...	...	6000-6900	F
	Detroit General	J. L. Chason	449	654,923	5,818	5,293	4P	...	...	...	...	...	...	6500-7400	P
	Detroit Memorial	J. Langston	149	285,514	3,359	3,142	4P	...	...	...	...	...	...	...	P
	Harper	J. R. Mc Donald	315	587,053	10,291	9,640	4P	...	...	...	...	...	...	6600-7500	P
	Hutzel	E. Booth	167	435,457	5,126	5,134	4P	...	...	...	...	...	...	6800-6800	P
	William Beaumont (Royal Oak)	H. J. Linn	552	464,596	10,981	9,596	4P	...	...	...	...	...	...	8880-10500	P
Eloise	Wayne County General Hospital and Infirmary - See University of Michigan Affiliated Hospitals, Ann Arbor.														
Flint	Hurley	F.V. Hodges	461	344,575	8,512	8,362	4P	2	2	1	1	0	6	6300-7800	P
	Mc Laren General	E.G. Murphy	117	314,223	6,185	5,176	4P	1	1	1	1	0	4	7500-8400	F
	St. Joseph	W. L. Eaton	167	334,344	6,095	5,288	4P	1	1	1	1	0	4	9000-10800	P
Grand Rapids	Blodgett Memorial	C. A. Payne	519	356,496	10,288	9,151	4P	1	1	2	2	0	6	7200-7800	P
	Butterworth	J. D. Mann	333	213,081	7,829	5,924	4P	1	1	1	1	0	4	6900-7500	P
	St. Mary's	H.E. Bowman	244	390,722	8,504	7,912	4P	1	1	1	1	0	4	7500-8400	P
Kalamazoo	Borgess	F. Cox	181	219,216	6,629	3,328	2P	1	1	0	0	0	2	6600-7200	F
Lansing	Edward W. Sparrow	J. F. Dunkel	212	163,780	7,668	5,862	4P	1	1	1	1	1	5	11000-14000	P
	St. Lawrence	L. W. Walker	149	176,185	6,180	5,950	4P	1	1	1	1	0	4	6000-7200	P
Pontiac	Pontiac General	W.R. Dito	359	401,870	8,052	7,971	4P	1	1	1	1	0	4	7500-8400	FP
	St. Joseph Mercy	R. P. Eisenstein	199	227,685	6,360	4,501	4P	1	1	1	1	0	4	7560-8280	P
Royal Oak	William Beaumont - See Wayne State University Affiliated Hospitals, Detroit														
Southfield	Providence	E. Knights	197	301,729	6,084	5,397	4P	2	1	1	2	0	6	7500-8400	P
<b>MINNESOTA</b>															
Duluth	St. Luke's	V. G. Goldschmidt	738	384,249	10,707	9,984	4P	1	1	1	1	0	4	5400-6600	FP
	St. Mary's	A.C. Aufderheide	330	301,260	6,068	4,406	4P	1	1	1	1	0	4	5100-6000	F
Minneapolis	Hennepin County General	J.I. Coe	389	665,252	5,056	4,528	4P	1	1	1	1	0	4	5000-8000	P
	Mount Sinai	P. J. Ward	138	383,171	3,984	2,600	1A	1	1	0	0	0	2	4500-8500	F
	Northwestern Hospital of Minneapolis	F. Lott	197	286,933	4,786	3,327	4P	1	0	0	0	0	1	6000-8000	O
	Swedish	J. Swanson	215	402,696	6,326	4,980	4P	1	1	1	0	0	3	4320-5520	F
	University of Minnesota Hospitals	J. R. Dawson, Jr., E. S. Benson	555	953,471	4,761	4,476	4P	...	...	...	...	...	20	5500-8500	PO
	Veterans Admin.	D. Gleason	411	731,988	3,247	3,066	4P	2	2	2	2	0	8	5000-13507	O
Rochester	Mayo Graduate School of Medicine	J. L. Titus	913	1,741,202	27,756	27,756	4P	8	8	8	8	0	32	5400-8200	P
	Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Paul	Charles T. Miller	J. E. Edwards	174	233,186	5,558	4,755	4P	1	1	1	1	0	4	6600-8400	P
	St. Joseph's	E. James	112	201,841	5,461	4,900	1A	1	0	0	0	0	1	6000-6000	P
	St. Paul-Ramsey	W. Schrader	374	341,978	5,010	5,010	4P	2	2	2	2	0	8	5000-6500	O
<b>MISSISSIPPI</b>															
Jackson	University of Mississippi Medical Center	J.G. Brunson, W.N. Bell	...	...	...	...	4P	3	3	2	2	0	10	...	...
	University	J.G. Brunson, W.N. Bell	215	746,436	5,500	5,500	...	...	...	...	...	...	...	5100-6000	O
	Veterans Admin. Center	E. Ferrington, H. Siegrist	206	395,580	3,134	3,076	...	...	...	...	...	...	...	4830-7430	O
<b>MISSOURI</b>															
Columbia	Ellis Fischel State Cancer	C. Perez-Mesa	53	144,669	2,875	2,875	1A	1	0	0	0	0	1	...	...
	University of Missouri Medical Center	F.V. Lucas	220	524,860	4,897	4,897	4P	4	4	4	4	0	19+	5000-6500	P

Numerical and other references are listed on pages 279 through 282.

18. PATHOLOGY — Continued

State	City	Hospital	Chief of Service or Program Director	Number of Neuroses	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
									1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MISSOURI—Continued</b>																	
<b>Kansas City</b>																	
		Kansas City General Hospital and Medical Center	J. Arnold	273	628,885	3,119	3,003	4P	3	1	1	1	0	6	5985-7875	FP	
		Menorah Medical Center	F.Mantz	162	229,211	4,912	4,912	4P	1	1	1	1	0	4	6970-9000	P	
		Research Hospital and Medical Center	H.K.B. Allebach	222	524,580	8,372	6,159	4P	1	1	1	1	0	4	6600-9000	F	
		St. Joseph	V. B. Buhler	107	351,117	4,207	3,366	4P	1	1	1	1	0	4	4200-6000	P	
		St. Luke's	D. Gibson	374	533,644	...	4,652	4P	2	2	1	1	0	6	5600-7740	P	
		St. Mary's	A. Lapi	184	558,761	7,435	5,866	4P	1	1	1	1	0	4	6000-7800	F	
		Veterans Admin. - See Univ. of Kansas Medical Center, Kansas City, Kansas															
<b>St. Louis</b>																	
		Barnes Hospital Group	P. Lacy	659	917,049	17,232	17,232	3A	5	5	5	2	0	17	5400-6600	O	
		Veterans Admin.	J. S. Meyer	345	521,655	2,273	2,273	...	...	...	...	...	...	...	...	...	...
		De Paul	J. D. Bauer	198	378,771	6,522	6,174	4P	...	...	...	...	...	...	4	6900-8700	P
		Homer G. Phillips	M. Menendez	195	435,094	5,873	4,920	3A	3	3	3	0	0	9	5305-6141	P	
		Jewish Hospital of St. Louis	W. E. Stehbens	353	468,556	6,434	6,434	4P	3	2	2	1	0	8	5700-7300	P	
		Missouri Baptist	W. R. Platt	83	136,911	3,305	3,267	4P	1	1	1	1	0	4	8400-10200	O	
		St. John's Mercy	W.L. Drake	258	353,987	7,853	5,755	4P	1	1	1	1	0	4	5400-6600	F	
		St. Louis City	V. Bleisch	551	752,641	4,298	4,298	4P	2	2	1	1	0	6	5848-10500	O	
		St. Louis University Group of Hospitals	F. Germuth	586	2,186,543	13,573	10,771	4P	3	3	3	3	0	12	6600-7800	O	
		Cardinal Glennon Memorial Hospital for Children															
		St. Mary's	E. Tucker	248	1,003,776	8,521	7,330	...	...	...	...	...	...	...	...	...	...
		St. Luke's	R. Ogilvie	234	321,583	12,324	11,215	3A	1	1	1	0	0	3	6000-7200	FP	
<b>NEBRASKA</b>																	
<b>Lincoln</b>																	
		Lincoln General	H.L. Papenfuss	206	174,716	7,112	5,744	1A	1	0	0	0	0	1	6000-6000	F	
		St. Elizabeth	E. D. Zeman	137	338,676	5,076	4,528	4P	1	1	1	1	0	4	6600-6600	F	
<b>Omaha</b>																	
		Bishop Clarkson Memorial	E. G. Greene	196	361,315	8,240	5,938	4P	2	2	2	2	0	8	7800-9000	O	
		Creighton Memorial St. Joseph's	J. Sisson	215	272,353	5,014	4,906	4P	2	2	3	0	0	10	6300-7200	P	
		Nebraska Methodist	J.R. Schenken	195	164,563	9,045	9,019	4P	2	2	1	1	0	6	6300-7200	O	
		University of Nebraska	C. Mc Whorter	389	191,544	10,628	8,466	4P	2	2	2	2	0	8	4900-7200	P	
<b>NEVADA</b>																	
<b>Las Vegas</b>																	
		Southern Nevada Memorial	R. R. Belliveau	200	250,753	5,509	4,447	4P	1	1	0	0	0	2	6000-9600	F	
<b>NEW HAMPSHIRE</b>																	
<b>Hanover</b>																	
		Mary Hitchcock Memorial	R. K. House	264	257,932	4,325	3,917	4P	2	2	1	1	0	6	5600-7800	O	
<b>NEW JERSEY</b>																	
<b>Atlantic City</b>																	
		Atlantic City	M. Ackerman	404	228,156	4,935	4,056	3A	1	1	1	0	0	3	4800-5700	F	
<b>Camden</b>																	
		Cooper	S. Burrows	326	480,571	9,117	7,340	4P	1	1	1	1	0	4	6500-8000	O	
		Our Lady of Lourdes	R. L. Breckenridge	116	223,793	4,218	3,408	4P	1	0	1	0	0	2	7800-9600	P	
		West Jersey	W. V. Mc Donnell	118	341,482	7,253	6,896	4P	1	1	1	1	0	4	7300-8200	F	
<b>East Orange</b>																	
		East Orange General	H. L. Goodman	84	135,470	2,782	2,521	1A	...	...	...	...	...	1	6000-6000	F	
		Veterans Admin. <sup>231</sup>	M.H. Field, H.G. Grady	436	529,651	3,192	3,182	4P	2	2	2	2	0	8	6800-8630	P	
<b>Elizabeth</b>																	
		Elizabeth General Hospital and Dispensary	J. P. Greeley	116	197,739	5,746	4,767	4P	1	1	0	0	0	2	6000-7800	F	
		St. Elizabeth	D. Dreizin	170	219,515	4,094	4,094	2A	2	2	0	0	0	4	6800-7300	P	
<b>Englewood</b>																	
		Englewood	S. R. Gambino	187	387,668	8,237	6,803	4P	1	1	1	1	0	4	5460-6360	FP	
<b>Flemington</b>																	
		Hunterdon Medical Center	E. Olmstead	92	110,342	1,912	1,567	2P	1	1	0	0	0	2	4700-5500	F	
<b>Hackensack</b>																	
		Hackensack	D. E. Brown	191	329,989	7,960	5,155	3A	1	1	1	0	0	3	3900-4500	F	
<b>Hoboken</b>																	
		St. Mary	A. Ehrlich	152	293,850	3,523	2,834	1A	1	1	0	0	0	2	5200-7800	F	
<b>Jersey City</b>																	
		Christ	A. J. Gitlitz	174	461,270	10,306	8,339	2P	1	1	0	0	0	2	7200-7500	O	
		Jersey City Medical Center	S. Auerbach	166	204,713	9,470	9,470	4P	1	1	1	1	0	4	6300-7700	O	
<b>Livingston</b>																	
		St. Barnabas Medical Center	W. G. Bernhard	146	496,860	8,090	6,586	4P	1	2	2	1	0	6	5400-7200	F	
<b>Long Branch</b>																	
		Monmouth Medical Center	M. Rush	354	300,317	6,843	5,226	4P	1	1	1	1	0	4	5400-6200	P	
<b>Montclair</b>																	
		Mountainside	H. H. Stumpf	185	556,065	7,280	6,935	4P	1	2	1	1	0	5	5100-6000	F	
<b>Morristown</b>																	
		Morristown Memorial	H. F. Luddecke	252	471,218	8,595	8,595	4P	1	0	2	1	1	5	6000-7000	F	
<b>Mount Holly</b>																	
		Burlington County Memorial	C. Catanzaro	155	238,596	3,901	3,321	1A	1	1	0	0	0	2	6000-7200	F	
<b>Neptune</b>																	
		Jersey Shore Medical Center - Fitkin	O. A. Ross	334	208,111	4,988	4,935	4P	1	1	1	1	0	4	4800-6600	F	
<b>Newark</b>																	
		Newark Beth Israel	L. Goldman	202	193,525	6,584	6,504	4P	1	0	0	0	0	1	5300-6200	F	
		Newark City	E.H. Albano	450	753,516	4,515	4,515	3A	2	2	2	0	0	6	6200-8600	P	
		St. Michael	R. Carnes	207	396,716	3,670	3,670	4P	1	1	1	1	0	4	4500-6780	FP	
		United Hospitals of Newark-Presbyterian	S.S. Sarkisian	187	443,034	8,174	6,320	3A	1	1	1	0	0	3	5000-7200	P	
<b>New Brunswick</b>																	
		Middlesex General	S.E. Moolten	167	155,850	4,307	3,375	4P	1	1	1	1	0	4	5196-5880	P	
		St. Peter's General	V. Galdi	213	256,394	8,025	6,871	4P	1	1	1	1	0	4	4260-6360	F	
<b>Orange</b>																	
		Orange Memorial	F. Pschibul	203	201,172	4,084	3,553	3A	1	1	1	0	0	3	4500-5400	FP	
<b>Paramus</b>																	
		Bergen Pines County Hospital-Pascack Valley						1A	2	0	0	0	0	2	...	...	
		Bergen Pines County	E. Wagman	249	336,789	828	708	...	...	...	...	...	...	...	5100-5700	P	
		Pascack Valley (Westwood)	V. H. Gillson	76	125,898	3,167	3,019	...	...	...	...	...	...	...	...	...	

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropses	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P F O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW JERSEY—Continued</b>														
<b>Passaic</b>														
Passaic General	J. R. Gannon	150	198,501	3,295	3,249	2P	1	1	0	0	0	2	4800-5700	F
St. Mary's	R. Brill	109	135,684	6,571	5,917	2P	1	1	0	0	0	2	5400-6000	F
<b>Pateron</b>														
Barnet Memorial Hospital Center	J. Churg	112	238,759	6,437	6,437	2P	1	1	0	0	0	2	7000-8000	F
St. Joseph's	P. Steinlauf	330	391,753	7,893	7,152	4P	1	1	1	1	0	4	7644-8544	O
<b>Perth Amboy</b>														
Perth Amboy General	M. Shuster	225	655,436	6,700	6,000	4P	1	1	1	1	1	5	7200-9360	F
<b>Plainfield</b>														
Muhlenberg	B.H. Hyun	319	438,053	7,303	6,268	4P	1	1	1	1	0	4	4800-6900	FP
<b>Summit</b>														
Overlook	G.L. Erdman	188	306,335	8,065	7,121	4P	1	1	1	1	0	4	5700-7500	PO
<b>Teaneck</b>														
Holy Name	M.E. Tracht	152	209,849	6,248	6,248	4P	1	1	1	1	0	4	7000-10000	F
<b>Trenton</b>														
Mercer	T.K. Rathmell	178	309,654	4,890	3,928	4P	2	2	0	0	0	4	3600-7200	P
St. Francis	F. Campo	353	626,916	11,868	9,534	4P	1	1	1	1	0	4	4800-7800	F
<b>Vineland</b>														
Newcomb	M.N. Solomon	71	111,628	4,792	4,410	1A	1	0	0	0	0	1	5400-7200	P
<b>Westwood</b>														
Pascack Valley - See Bergen Pines County Hospital-Pascack Valley, Paramus														
<b>NEW MEXICO</b>														
<b>Albuquerque</b>														
Bataan Memorial Methodist University of New Mexico Affiliated Hospitals	T.L. Chiffelle	105	252,116	2,874	2,137	4P	1	1	1	1	0	4	5500-6100	P
Bernalillo County Medical Center	R.S. Stone	...	...	...	...	4P	1	1	1	1	0	4	...	...
Veterans Admin.	R.E. Anderson	135	271,779	2,275	2,055	...	...	...	...	...	...	...	6060-6720	P
	W. Hentel	197	277,512	2,096	2,045	...	...	...	...	...	...	...	5900-8550	O
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical Center	W. A. Thomas	713	13,840	8,362	3,270	4P	3	2	1	1	0	7	6600-9000	O
Veterans Admin.	W. A. Thomas	370	435,548	1,977	1,961	...	...	...	...	...	...	...	11461-14407	O
St. Peter's	T. S. Beecher	204	344,163	6,291	382	4P	1	1	1	1	0	4	6480-7080	P
State of New York Department of Health														
	A.H. Harris	...	...	...	...	1C	...	...	...	...	...	...	...	...
<b>Bay Shore</b>														
Southside	E. M. Sneff	108	245,388	5,876	3,396	2P	2	2	0	0	0	2	6500-7000	...
<b>Bronxville</b>														
Lawrence	J. M. Budinger	176	141,250	3,125	2,850	2P	1	1	0	0	0	2	6600-6600	P
<b>Buffalo</b>														
Buffalo General	J. Brennan	446	655,846	8,870	8,636	4P	2	2	2	2	0	8	5300-6800	O
Children's Hospital of Buffalo	K. Terplan	212	7,206	3,120	2,591	1A	1	1	0	0	0	2	5300-7500	P
Deaconess Hospital of Buffalo	B. Fisher	232	313,345	6,181	6,028	4P	1	1	2	1	0	5	5300-8000	F
Edward J. Meyer Memorial	E. F. Schueller	480	31,000	4,400	4,400	4P	6	0	0	0	0	6	5550-6660	P
Mercy	A. Constantine	190	251,623	6,766	5,449	3A	3	3	3	0	0	9	5200-7300	FP
Millard Fillmore	A. Postoloff	275	492,519	10,057	9,598	4P	1	1	1	1	0	4	5300-6800	P
Roswell Park Memorial Institute	J. Pickren	440	769,300	9,712	9,712	4P	2	2	2	2	0	8	5020-6214	O
Sisters of Charity	C. F. Becker	252	250,285	7,012	6,743	4P	1	1	1	1	0	4	5250-7200	FP
Veterans Admin.	G. Fazekas	294	560,899	2,733	2,596	3A	1	1	1	0	0	3	4610-7110	O
<b>Cooperstown</b>														
Mary Imogene Bassett	C. V. Z. Hawn	111	197,267	1,783	1,768	1A	1	0	0	0	0	1	5400-5400	P
<b>East Meadow</b>														
Meadowbrook	V. Palladino	343	805,035	5,091	5,031	4P	2	2	2	2	0	8	6316-8016	F
<b>Elmira</b>														
Arnot-Ogden Memorial	W. Kelly	92	279,746	5,569	5,255	1A	1	0	0	0	0	1	6000-9000	F
<b>Glen Cove</b>														
Community Hospital at Glen Cove	T. Robertson	116	216,305	4,958	4,151	4P	1	1	1	1	0	4	6050-9050	P
<b>Huntington</b>														
Huntington	C. A. Mc Nicol	94	267,367	7,979	6,747	2P	2	2	0	0	0	4	6300-7200	P
<b>Johnson City</b>														
Charles S. Wilson Memorial	H. Uehara	272	286,122	6,585	4,880	4P	1	1	1	1	0	4	7500-8400	P
<b>Kingston</b>														
Kingston Laboratory Hospitals	H. Derman	188	404,687	17,314	16,211	4P	1	0	1	0	0	2	7500-10000	O
Kingston	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Benedictine	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Lewiston</b>														
Mount St. Mary's Hospital of Niagara Falls	T. T. Bronk	82	180,833	3,750	2,578	1A	...	...	...	...	...	1	5400-5400	P
<b>Manhasset</b>														
North Shore	S. Gross	168	572,782	6,423	5,261	4P	1	1	1	1	0	4	6300-7800	P
<b>Mineola</b>														
Nassau	L. R. Ferraro	383	304,154	7,642	6,291	4P	1	1	1	1	0	4	7500-8400	P
<b>Mount Kisco</b>														
Northern Westchester	R. A. Fox	112	214,582	4,160	3,360	4P	1	1	1	1	0	4	8700-9500	F
<b>Mount Vernon</b>														
Mount Vernon	J. G. Sharnoff	163	256,260	4,764	4,602	2P	1	1	0	0	0	2	5400-6600	FP
<b>Newburgh</b>														
St. Luke's Hospital of Newburgh	T. P. B. Payne	169	172,640	4,216	3,373	1A	1	1	0	0	0	2	4800-5100	F
<b>New Hyde Park</b>														
Long Island Jewish Hospital Training Program	...	...	...	...	...	4P	...	...	...	...	...	...	...	...
Long Island Jewish Queens Hospital Center (New York City)	J. I. Berkman	227	714,412	7,203	6,701	...	2	2	2	2	0	8	6000-7750	O
<b>New Rochelle</b>														
New Rochelle	G. Silverman	612	1,493,146	4,843	4,843	...	2	2	2	2	0	8	5750-6810	F
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals	W. C. Schraft, Jr.	239	308,856	3,549	3,292	4P	1	1	1	1	0	4	6300-7200	F
Bronx Municipal Hospital Center	A. A. Angrist	...	...	...	...	4P	6	4	3	2	1	16†	...	...
Hospital of the Albert Einstein College of Medicine	...	587	2,036,098	6,081	6,081	...	...	...	...	...	...	...	4980-6200	F
	...	93	454,087	2,800	2,800	...	...	...	...	...	...	...	4980-6220	F

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1960-1970					Total All Years	Salary-Per Year Min.-Max.	Maintenance P F O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK, New York City—Continued</b>														
Beekman-Downtown	C. Karpas	146	254,969	2,060	1,916	2P	1	1	0	0	0	2	6000-7500	P
Beth Israel	W. Antopol	215	1,161,347	8,752	8,752	4P	2	2	2	2	0	8	6150-7650	P
Booth Memorial	A. Blaustein	184	229,970	4,127	4,127	4P	1	1	1	1	0	4	6000-7500	P
Bronx-Lebanon Hospital Center	J. C. Ehrlich	312	421,536	6,192	6,056	4P	2	2	2	2	0	8	6000-7800	P
Brookdale Hospital Center	D. Spain	238	587,316	8,514	8,477	4P	1	1	1	1	0	4	6000-7500	P
Brooklyn - Cumberland Medical Center	J. V. Klavins	462	482,888	5,994	5,975	4P	3	3	3	3	0	12	5640-7500	P
Brooklyn - Cumberland														
Catholic Medical Center of Brooklyn and Queens														
Mary Immaculate Division	P. Remigio	117	196,979	3,648	3,051	4P	1	1	1	1	0	4	5500-7500	F
St. Mary's Division	I. A. Almenoff	92	271,572	1,934	1,908	2P	2	2	0	0	0	4	5500-6100	F
Coney Island	H. Fink	374	818,038	3,067	3,067	4P	4	2	2	2	0	10	4980-6220	P
Flushing Hospital and Medical Center	I. Garrow	187	324,808	4,211	3,197	4P	1	1	1	1	0	4	5600-7200	P
Harlem Hospital Center	T. Roberts	280	640,807	9,500	9,346	4P	1	5	3	1	0	10	4980-6000	P
Hospital for Joint Diseases and Medical Center	H. D. Dorfman	57	194,123	2,954	2,784	1A	2	0	0	0	0	2	6000-6000	P
Jamaica	E. Khayat	250	680,000	8,000	8,000	4P	2	2	2	0	0	8	6500-7800	FP
Jewish Hospital and Medical Center of Brooklyn	A. Allen	271		6,718	6,658	4P	3	1	1	1	0	6	5000-...	
Greenpoint	L. Papadakis	79	477,202	2,033	2,033								7500-9000	P
Jewish Memorial	A. Schwarz	107	237,722	2,468	2,201	4P	1	1	1	1	0	4	4800-6000	F
Kingsbrook Jewish Medical Center	B. W. Volk	210	973,998	1,793	1,555	4P	1	1	2	2	0	6	6500-8500	F
Knickerbocker	W. B. Ober	146	188,067	1,903	1,735	1A	1	1	0	0	0	2	5280-5700	FP
Lenox Hill	S. C. Sommers	305	586,231	7,096	7,062	4P	1	1	1	1	0	4	5600-6800	P
Lincoln	H. Lepow	182	962,233	3,866	3,752	3A	1	1	1	0	0	3	4980-5780	P
Long Island College	T. G. Morriore	264	577,047	6,867	6,140	4P	2	1	1	0	0	4	5500-8000	P
Lutheran Medical Center	I. Diamond	130	284,637	3,336	3,129	2P	1	1	0	0	0	2	6500-7000	P
Maimonides Medical Center	A. Kantrowitz	428	1,106,978	12,616	12,510	4P	1	1	2	2	0	6	6000-7750	P
Memorial Hospital for Cancer and Allied Diseases-James Ewing	F. W. Foote	470		6,369	6,369	3A	2	2	10	0	0	14	5950-10000	O
Methodist Hospital of Brooklyn	S. Werthamer	185	360,000	5,200	5,000	4P	1	1	1	1	0	4	6000-7100	P
Misericordia - Fordham Training Program	P. E. Kalish	419	978,402	6,080	5,793	4P	2	1	1	1	0	5	6600-8700	F
Fordham														
Misericordia														
Montefiore Hospital Training Program	H. M. Zimmerman					4P	6	4	3	3	0	16	6120-7880	P
Montefiore Hospital and Medical Center		458	866,395	14,373	14,373									
Morrisania City		289	625,485	2,772	2,682									
Mount Sinai Hospital Training Program														
Mount Sinai	H. Popper	516	1,536,484	12,364	12,364	4P	4	2	3	0	0	9	6000-7000	P
City Hospital Center at Elmhurst <sup>4</sup>	W. Mautner	490	913,536	4,378	4,341	4P	4	4	4	4	0	16	6300-8300	F
New York	J. Ellis	531	994,158	10,673	9,860	4P	4	4	3	0	0	11	6000-8500	P
New York Medical College-Metropolitan Hospital Center	M. M. Black					4P	8	6	3	3	0	20	4980-6220	F
Unit 1 - Flower and Fifth Avenue Hospitals	M. M. Black	135	473,819	5,230	5,230									
Unit 2 - Metropolitan	V. Tchertkoff	340	495,716	4,919	4,919									
New York Polyclinic Medical School and Hospital	W. E. Finkelstein	176	218,521	4,194	4,095	4P	1	1	1	1	0	4	5900-7100	P
New York University - Bellevue Medical Center	M. Kuschner, R. T. McCluskey					4P	5	5	5	5	0	20		
Bellevue Hospital Center		537	1,774,850	8,649	8,649								4980-6000	
University		204	637,965	8,459	8,459								7440-8680	P
Presbyterian	D. King	544	11,729	11,729	11,729	4P	4	3	3	3	0	13	6000-7500	O
Francis Delafield	D. King, S. Sommers	176	198,486	4,461	4,461								4980-5780	P
Queens Hospital Center - See Long Island Jewish Hosp. Training Program, New Hyde Park														
Roosevelt	R. Garrett	315	714,717	5,764	5,699	4P	2	2	1	1	0	6	5500-7500	P
St. Clare's	L. Johnson	149	431,666	4,380	4,311	4P	1	1	1	0	0	4	6500-8000	FP
St. John's Episcopal	L. M. Fox	119	275,637	5,691	5,691	2P	1	1	0	0	0	2	5500-6500	FP
St. Luke's Hospital Center	C. Begg	366	504,557	8,805	8,805	4P	2	2	1	1	0	6	6000-7500	P
St. Vincent's Hospital and Medical Center of New York	A. Rottino	500	682,762	6,185	6,185	4P	2	2	1	1	0	6	6440-7640	P
St. Vincent's Medical Center of Richmond	V. Kogan	255	357,476	5,046	4,414	1A	2	0	0	0	0	2	5700-6600	F
State University - Kings County Medical Center	P. J. Fitzgerald					4P	7	7	6	6	0	26		
Kings County Hospital Center		1,041	1,692,523	11,427	11,427								4980-6000	P
State University		22	121,384										6690-8110	O
Staten Island	V. Altmann	163	225,188	3,731	3,112	2P	2	0	0	0	0	2	6500-8000	F
Veterans Admin. (Bronx) <sup>287</sup>	A. F. Liber	286	686,766	3,740	3,740	4P	2	3	2	1	0	8	7090-13507	O
Veterans Admin. (Brooklyn)	F. A. Jimenez	344	558,247	3,247	3,247	4P	1	1	1	1	0	4	7090-8310	O
Veterans Admin. (Manhattan)	N. S. Cooper	266	603,992	4,143	3,993	4P	2	3	3	3	0	11	7090-8550	O
Wyckoff Heights	A. Statsinger	296	404,232	8,543	8,543	4P	1	1	1	1	0	4	5000-6500	F
<b>Niagara Falls</b>														
Niagara Falls Memorial	A. Drickman	227	161,700	4,034	3,930	4P	1	1	1	1	0	4	6000-8700	P
<b>Oceanside</b>														
South Nassau Communities	E. Solaric	150	273,368	5,000	4,800	2P	1	1	0	0	0	2	6800-6800	P
<b>Port Chester</b>														
United	C. J. Alexander	104	295,804	4,505	4,505	1P	1	0	0	0	0	1	4800-4800	FP
<b>Poughkeepsie</b>														
St. Francis	J. Gioia	107	410,080	7,985	7,142	1A	1	0	0	0	0	1	6000-6000	F
Vassar Brothers	M. L. Dreyfuss	183	230,271	6,384	3,770	4P	1	1	1	1	0	4	5400-7200	F
<b>Rochester</b>														
Genesee	J. N. Abbott	369	708,351	8,716	7,792	4P	1	1	1	1	0	4	6600-8100	O
Rochester General	M. G. Bohrod	433	449,000	12,191	8,042	4P	2	2	2	2	0	8	7000-8500	P
Strong Memorial Hospital of the University of Rochester	J. L. Orbison	700	759,500	8,340	7,660	4P	4	4	4	4	0	16	5500-8500	P
<b>Schenectady</b>														
Ellis	G. Parkhurst	473	347,259	7,850	6,662	4P	2	2	1	1	0	6	6300-7500	FP

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Neeropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance F P O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK—Continued</b>														
<b>Syracuse</b>														
St. Joseph's	N. A. Cohen	154	345,495	4,738	4,201	4P	1	0	0	0	0	1	6700-10000	F
S.U.N.Y. Upstate Medical Center	J. H. Ferguson, J. Henry	541	934,668	20,545	5,893	4P	2	2	2	2	1	9	6600-7800	O
Veterans Admin.	J. A. Schaefer	221	270,023	1,657	1,568	4P	2	1	1	0	0	4	5050-8550	O
<b>Troy</b>														
Samaritan	A. P. Gewanter	133	150,989	4,020	2,669	4P	1	1	1	1	0	4	6000-6000	FP
<b>Valhalla</b>														
Grasslands	V. A. Bradess	255	448,116	4,118	3,838	4P	1	1	1	1	0	4	9256-11518	P
<b>Yonkers</b>														
St. John's Riverside	O. Sochan	112	222,673	3,571	2,449	2P	2	2	0	0	0	4	6000-7200	F
<b>NORTH CAROLINA</b>														
<b>Chapel Hill</b>														
North Carolina Memorial	K. M. Brinkhous	360	690,573	11,062	11,062	4P	3	3	3	3	0	12	6000-...	O
<b>Charlotte</b>														
Charlotte Memorial	J. Cuttino	353	359,338	9,802	9,802	4P	1	1	1	1	0	4	6000-7200	P
<b>Durham</b>														
Duke University Affiliated Hospitals														
Duke University Medical Center	T. D. Kinney	482	1,497,000	8,915	8,915	4P	3	2	2	2	0	9	5500-7000	P
Veterans Admin.	A. W. Musser	244	492,792	3,382	3,382	4P	3	3	2	2	0	10	4610-8230	O
Watts	J. U. Gunter	195	327,315	7,533	7,283	3A	1	1	1	0	0	3	5100-6000	F
<b>Greensboro</b>														
Moses H. Cone Memorial	H. Z. Lund	315	256,271	15,887	14,808	4P	1	1	1	1	0	4	5400-9000	O
<b>Wilmington</b>														
New Hanover Memorial	H. P. Singletary	188	254,600	8,358	7,611	2P	0	0	1	1	0	2	5400-6600	F
<b>Winston-Salem</b>														
North Carolina Baptist Hospitals	R. Morehead	387	786,591	27,107	27,107	4P	4	4	3	1	1	13	5500-8000	P
<b>NORTH DAKOTA</b>														
<b>Grand Forks</b>														
University of North Dakota														
Affiliated Hospitals	W. A. Wasdahl	360	150,000	10,500	9,500	4P	1	1	1	1	0	4	4800-8400	O
Grand Forks Deaconess														
St. Michael's														
<b>OHIO</b>														
<b>Akron</b>														
Akron City	J. G. Lim	491	549,903	10,745	10,471	4P	1	1	1	1	0	4	8420-10040	P
Akron General	G. R. Dochat	346	625,556	6,900	5,681	4P	1	1	1	1	0	4	8400-9600	P
Children's Hospital of Akron	R. Bolande	101	417,977	2,000	1,304	2P	1	1	0	0	0	2	8740-10000	P
St. Thomas	E. G. Wilt	227	202,524	4,677	3,983	4P	1	1	1	1	0	4	8688-10128	FP
<b>Barberton</b>														
Barberton Citizens	M. L. Snell	131	327,080	5,149	4,942	3A	1	1	0	0	0	2	6000-6600	F
<b>Canton</b>														
Aultman	W. S. Morgan	272	213,328	7,447	6,816	4P	1	1	1	1	0	4	6000-7200	P
<b>Cincinnati</b>														
Good Samaritan	L. Gordon	436	533,379	10,188	10,188	4P	1	1	1	1	0	4	6000-7800	P
Jewish	P. Wasserman	247	537,498	10,817	9,058	4P	1*	1	1	0	0	3	6000-7500	P
University of Cincinnati Hospital														
Group	E. A. Gall					4P	4	4	4	4	0	16		
Cincinnati General	E. A. Gall, W. H. Civin	501	460,057	4,315									5640-6540	P
Children's	A. J. Mc Adams	106	4,096	4,096	2,082	1A	0	1	0	1	0	2	5940-5940	P
Veterans Admin.	E. A. Gall	279	300,629	1,946	1,926								4830-8550	O
<b>Cleveland</b>														
Cleveland Clinic	J. B. Hazard	391	1,310,696	11,442	11,442	4P	3	2	3	2	0	10	5400-7400	P
Cleveland Metropolitan General	J. Reid	368	1,444,308	3,902	3,851	4P	4	4	4	4	0	16†	5800-9200	P
Evangelical Deaconess	V. Hirsch	126	181,045	3,608	3,352	3A	1	1	0	0	0	2	5100-5700	F
Fairview General	H. A. Mc Corkle	193	260,955	7,191	4,699	2P	1	1	0	0	0	2	5400-6000	F
Huron Road	E. Goodsitt	250	318,483	7,519	5,922	4P	1	1	1	1	0	4	4800-6300	FP
Lutheran	W. Sinclair	183	301,932	3,955	3,559	2P	2	1	0	0	0	3	5400-6000	F
Mount Sinai Hospital of Cleveland	H. Gold	288	801,538	19,016	18,882	4P	1	1	1	1	0	4	6600-9000	O
St. Alexis	A. F. Najji	232	251,532	5,521	4,925	4P	2	1	1	1	0	5	6000-7800	FP
St. Luke's-Marymount Hospitals						4P	2	2	2	2	0	8		
Marymount	E. E. Siegler	88	218,553	4,244	3,745								6300-6600	F
St. Luke's	A. J. Segal	283	376,420	7,995	6,517								6600-9000	P
St. Vincent Charity	J. S. Mackrell	227	385,121	4,788	3,790	4P	1	1	1	1	0	4	4920-5400	P
University Hospitals of Cleveland	J. R. Carter	583	1,186,885	10,544	10,544	4P	5	5	5	5	0	20	6000-7500	P
Veterans Admin.	J. R. Kahn	357	921,245	5,791	4,800								6850-14889	P
<b>Columbus</b>														
Children's	W. A. Newton	237	287,018	5,582	5,550	2P	2	2	0	0	0	4	5700-6000	P
Grant	B. H. Hurd	227	360,458	7,172	7,157	4P	1	1	1	1	0	4	7800-8700	P
Ohio State University Hospitals	J. C. Geer	870	1,791,541	7,937	7,865	4P	4	4	4	4	0	16	3624-5724	P
Riverside Methodist	R. J. Johansmann	235	416,359	9,338	7,974	4P	1	1	1	1	0	4	7800-9000	P
<b>Dayton</b>														
Miami Valley	J. W. Funkhouser	816	801,556	9,515	9,515	4P	2	2	2	2	0	8	7800-8700	P
Veterans Admin. Center <sup>285</sup>	T. Ferraro	318	337,931	1,865	1,689	4P	1	1	1	1	0	4	6300-8230	O
<b>Elyria</b>														
Elyria Memorial	R. G. Thomas	366	279,765	12,970	12,970	4P	1	1	1	1	0	4	6000-6900	F
<b>Kettering</b>														
Charles F. Kettering Memorial	R. H. Seasley	167	304,504	10,998	9,045	4P	1	1	1	1	0	4	7200-8400	P
<b>Lima</b>														
St. Rita's	C. L. Blumstein	172	246,132	4,994	1,063	4P	1	1	1	1	0	4	4800-5700	F
<b>Lorain</b>														
St. Joseph	C. Chesner	219	217,716	4,799	4,061	4P	2	0	0	0	0	2	6600-7200	F
<b>Toledo</b>														
Maumee Valley	G. B. Stansell	236	314,283	1,762	1,630	4P	1	1	1	1	0	4	5400-6300	FP
Mercy	D. J. Hanson	180	299,913	7,212	5,482	4P	2	1	2	1	0	6	8280-10536	O
St. Vincent Hospital and Medical Center	D. Harding	382	330,446	6,513	4,725	4P	1	1	1	1	0	4	6300-7200	P
Toledo	W. A. Nordin	408	291,684	8,178	6,782	4P	1	1	1	0	0	3	6300-7200	F
<b>Warren</b>														
Trumbull Memorial	J. D. Culberson	232	284,422	5,952	95	4P	1	1	1	0	0	3	7800-9600	P
<b>Youngstown</b>														
St. Elizabeth	B. Taylor	291	427,662	8,188	6,357	4P	1	1	1	1	0	4	5400-8700	FP
Youngstown	A. Rappoport	537	549,011	8,885	7,729	4P	2	2	2	2	0	8	5400-9000	F

Numerical and other references are listed on pages 279 through 282.

18. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Maintenance
							1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
Baptist Memorial	J. P. Dewar	115	390,330	4,554	2,467	4P	1	1	1	1	0	4	9000-9900	P	
Mercy Hospital Oklahoma City															
General	W. Aronson	118	241,632	5,056	6,020	1A	1	0	0	0	0	1	9000-9000	P	
St. Anthony	W. T. Snoddy	227	547,622	8,605	8,605	4P	1	1	1	1	0	4	8700-9600	P	
University of Oklahoma Medical Center	A. L. Dee	...	...	...	...	4P	...	...	...	...	...	8†	...	...	
University of Oklahoma Hospitals	A. L. Dee	272	7,277	7,277	6,394	...	...	...	...	...	...	...	5500-7430	P	
Veterans Admin.	W. J. Williams	290	329,479	3,311	2,350	...	...	...	...	...	...	...	...	...	
<b>Tulsa</b>															
Hillcrest Medical Center	D. Van Wormer	183	308,869	5,867	4,649	4P	2	1	1	1	0	5	8400-9072	...	
St. John's	E. Palik	194	406,281	10,014	9,113	4P	1	1	1	1	0	4	8700-9600	P	
<b>OREGON</b>															
<b>Portland</b>															
Emanuel	V. D. Sneeden	282	379,338	12,106	10,154	4P	1	1	1	1	0	4	6600-8400	P	
Good Samaritan Hospital and Medical Center	M. Heinemann	245	669,271	5,765	4,193	4P	1	1	1	1	0	4	6600-8400	P	
Providence	R. S. Jones	196	124,056	5,653	4,853	4P	1	1	1	1	0	4	6600-8400	P	
St. Vincent	J. Nohlgren	309	322,595	10,040	8,583	4P	2	2	2	2	0	8	6600-8400	P	
University of Oregon Medical School Hospitals and Clinics	S. R. Wellings	427	685,879	5,538	5,538	4P	3	3	3	3	0	12	4200-6000	FP	
Veterans Admin.	J. R. Orendurff	266	316,579	2,783	2,733	...	...	...	...	...	...	...	4610-6440	P	
<b>PENNSYLVANIA</b>															
<b>Abington</b>															
Abington Memorial	J. W. Eiman	258	465,146	7,583	6,833	4P	2	1	1	2	0	6	5400-7500	P	
<b>Allentown</b>															
Allentown	P. Panas	317	439,226	8,167	7,403	4P	1	1	1	1	0	4	7200-7200	F	
<b>Altoona</b>															
Altoona	R. C. Mac Duffee	203	265,000	4,769	4,059	4P	1	1	1	1	0	4	6420-7620	F	
<b>Bethlehem</b>															
St. Luke's	E. J. Benz	300	353,809	8,602	6,000	4P	1	1	1	1	0	4	6000-7800	FP	
<b>Bryn Mawr</b>															
Bryn Mawr	J. J. Mc Graw, Jr.	210	458,101	6,585	6,182	4P	3	1	1	1	0	6	4750-6900	F	
<b>Chester</b>															
Crozer-Chester Medical Center	C. L. Lehman	123	257,605	4,843	4,843	4P	2	0	0	0	0	2	6000-7000	P	
<b>Danville</b>															
Geisinger Medical Center	J. Moran	277	416,916	7,772	6,316	4P	1	1	1	1	0	4	5800-7000	P	
<b>Darby</b>															
Thomas M. Fitzgerald Mercy	W. H. Miller	173	341,301	4,590	4,470	4P	1	1	1	1	0	4	6600-7800	P	
<b>Easton</b>															
Easton	J. C. Gaulin	230	140,375	4,548	3,908	2P	1	1	0	0	0	2	5400-6000	F	
<b>Erie</b>															
Hamot	J. A. Fust	251	289,256	7,624	5,115	4P	1	1	1	1	0	4	7800-9000	P	
St. Vincent	R. B. Eisenberg	203	308,841	6,314	5,030	4P	1	1	1	1	0	4	7800-9000	F	
<b>Harrisburg</b>															
Harrisburg	F. W. Brason	432	434,939	12,894	12,271	4P	1	1	1	1	0	4	7200-9300	F	
<b>Johnstown</b>															
Conemaugh Valley Memorial	S. Goldblatt	258	359,352	5,721	4,652	4P	1	1	1	1	0	4	6000-8700	F	
<b>Lancaster</b>															
Lancaster General	W. M. O'Donnell	227	295,530	7,665	7,665	2P	1	1	0	0	0	2	5750-...	F	
<b>Norristown</b>															
Montgomery	H. T. Tamaki	120	190,000	3,800	3,400	2P	1	1	0	0	0	2	6000-6600	F	
<b>Philadelphia</b>															
Albert Einstein Medical Center	H. Brody	541	983,889	16,407	14,340	4P	4	4	3	3	0	14	6300-7200	P	
Chestnut Hill	Z. Woo	114	189,449	3,209	3,177	4P	1	0	0	1	0	2	6000-6900	F	
Children's Hospital of Philadelphia	W. Yakovac	162	213,182	1,388	943	1A	0	1	0	0	0	1	6800-6800	O	
Episcopal	H. Watts	229	274,380	3,920	3,785	4P	2	2	0	0	0	4	4500-5120	P	
Frankford	C. Q. Griffith	143	131,196	3,120	2,565	2P	1	1	0	0	0	2	5220-5940	F	
Germantown Dispensary and Hospital	F. K. Fite	314	199,431	4,632	3,000	4P	1	1	1	1	0	4	6300-8400	FP	
Graduate Hospital of the University of Pennsylvania	A. V. Dapena	213	330,166	4,044	3,719	4P	2	1	1	0	0	4	5400-6000	P	
Hahnemann Medical College and Hospital	J. E. Imbriglia	310	625,000	5,000	5,000	4P	2	2	2	2	1	9	4500-5700	P	
Hospital of the University of Pennsylvania	H. T. Enterline	499	986,183	10,348	9,841	4P	3	3	3	3	0	12	5100-6900	O	
Hospital of the Woman's Medical College of Pennsylvania	I. N. Dubin	166	286,025	2,618	2,618	4P	1	1	1	1	0	4	5400-7800	P	
Jefferson Medical College	G. E. Aponte	414	1,025,415	10,983	10,983	4P	3	3	2	2	0	10	5500-7000	O	
Lankenau	C. E. Brown	255	346,541	5,307	5,299	4P	1	1	1	1	0	4	6600-9000	O	
Memorial	D. F. Coletta	93	157,280	2,326	1,848	1A	1	0	0	0	0	1	4800-4800	F	
Misericordia	H. E. Marx	262	301,139	3,636	3,636	4P	1	0	0	0	0	1	6600-8400	F	
Nazareth	E. F. Ciccone	109	378,689	12,021	5,030	4P	1	1	1	1	0	4	6300-6900	F	
Pennsylvania	A. R. Crane	248	492,530	5,626	5,626	4P	2	2	2	0	0	6	5300-6200	O	
Philadelphia General	H. Schwarz	590	1,420,458	7,532	7,532	4P	...	...	...	...	...	14†	6800-7700	O	
Presbyterian-University of Pennsylvania Medical Center	J. Butcher	238	261,285	3,307	2,998	4P	2	1	1	1	0	5	5450-6500	P	
St. Christopher's Hospital for Children	J. B. Arey	102	151,177	2,046	1,011	1A	0	0	0	2	0	2	5800-5800	O	
Temple University	E. E. Aegerter	523	839,366	7,151	7,151	4P	3	3	3	3	0	12	5000-6200	P	
Veterans Admin.	P. V. Skerrett	313	350,972	3,958	3,958	4P	4	0	0	1	1	6	9657-13507	O	
<b>Pittsburgh</b>															
Allegheny General	R. C. Grauer	264	390,480	6,961	...	4P	2	1	1	1	0	5	8700-9600	P	
Health Center Hospitals of the University of Pittsburgh		...	...	...	...	...	4	4	4	1	0	13	...	...	
Children's Hospital of Pittsburgh	G. H. Fetterman	211	197,766	2,908	2,908	2P	...	...	...	...	...	...	5500-6500	O	
Presbyterian-University	R. H. Fennell	310	336,594	7,062	7,062	4P	...	...	...	...	...	...	6000-8000	O	
Veterans Admin.	E. R. Fisher	400	712,000	4,000	4,000	4P	...	...	...	...	...	...	5500-7430	O	
Mercy	M. M. Bracken	368	750,892	12,103	8,991	4P	3	1	1	1	0	6	6300-7200	P	
Montefiore	H. Mendelow	237	476,628	7,957	13,924	4P	1	1	1	1	0	4	6000-7500	P	
St. Francis General	R. C. Hamilton	188	486,739	6,736	6,172	4P	1	1	1	1	0	4	8400-8400	P	

Numerical and other references are listed on pages 279 through 282.

## 16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Ap- proved Pro- gram (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main- tenance P F O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>PENNSYLVANIA, Pittsburgh—Continued</b>														
St. Margaret Memorial	J. E. Kurtz	76	299,143	3,364	2,931	1A	1	0	0	0	0	1	8100-8100	F
Shadyside	E. L. Heller	168	218,703	3,986	2,908	4P	1	1	1	1	0	4	6300-7200	F
South Side	L. Goodman	154	225,635	4,205	4,120	4P	1	1	1	0	0	3	7200-7200	F
Western Pennsylvania	E. R. Erickson	283	570,452	8,797	7,290	4P	2	2	2	2	0	8	5700-6600	P
<b>Reading</b>														
Reading	W. P. Jennings	609	721,429	9,264	9,264	4P	2	2	2	2	0	8	6600-7800	F
St. Joseph's		173	240,028	4,740	4,740	4P	...	...	...	...	...	...	...	...
<b>Sayre</b>														
Robert Packer	D. R. Weaver	209	210,305	4,315	3,815	4P	1	1	1	1	0	4	5000-6000	FP
<b>Wilkes-Barre</b>														
Wilkes-Barre General	C. E. Rodriguez	167	173,744	3,774	3,170	4P	1	1	1	1	0	4	4200-5400	F
<b>York</b>														
York	T. J. Burkart	460	388,300	10,148	7,864	4P	1	1	1	1	0	4	6600-7800	F
<b>PUERTO RICO</b>														
<b>Ponce</b>														
Ponce District General	E. Rivera Torres	304	382,444	5,776	...	3A	2	2	2	0	0	6	6000-10800	F
<b>San Juan</b>														
I. Gonzalez Martinez Oncologic	R. Marcial	31	34,951	2,575	2,575	SP	0	0	1	0	0	1	6000-6000	FP
Municipal Hospital Dr. Rafael Lopez														
Nussa	R. Marcial Rojas	265	257,309	5,304	...	3A	1	1	1	0	0	3	5700-...	...
University District	R. Marcial	900	706,130	12,135	12,135	4P	4	4	4	2	0	14	5700-6900	P
Veterans Admin. Center	F. M. Reyes	81	171,826	17,377	17,377	1A	4	2	1	1	0	8	5985-7875	O
<b>RHODE ISLAND</b>														
<b>Newport</b>														
Newport	M. A. Chernow	79	158,624	5,228	4,722	1A	1	0	0	0	0	1	7800-...	FP
<b>North Providence</b>														
Our Lady of Fatima - See St. Joseph's	Hospital-Our Lady of Fatima, Providence													
<b>Pawtucket</b>														
Memorial	G. P. Paparo	144	516,160	16,329	9,608	4P	1	1	1	1	0	4	6600-8400	F
<b>Providence</b>														
Rhode Island	H. Fanger	476	964,549	9,816	9,698	4P	3	2	3	1	0	9	7600-10000	P
St. Joseph's Hospital - Our Lady of														
Fatima	S. R. Allegra	215	448,926	7,347	6,257	4P	1	1	1	1	0	4	6600-9300	FP
Our Lady of Fatima (North														
Providence)														
St. Joseph's														
<b>SOUTH CAROLINA</b>														
<b>Charleston</b>														
Medical Center Hospitals														
Medical College	G. R. Hennigar	600	618,900	21,000	21,000	4P	4	4	4	4	2	18	4380-6780	P
<b>Greenville</b>														
Greenville General	E. A. Dreskin	223	411,359	8,933	8,116	4P	1	1	1	1	0	4	5700-6700	P
<b>SOUTH DAKOTA</b>														
<b>Sioux Falls</b>														
Sioux Valley	K. H. Wegner	156	176,245	3,774	3,368	4P	1	1	1	1	0	4	7200-8100	O
<b>TENNESSEE</b>														
<b>Chattanooga</b>														
Baroness Erlanger	J. W. Adams	521	493,615	22,695	22,695	4P	2	2	1	1	0	6	7200-8100	F
<b>Knoxville</b>														
University of Tennessee Memorial														
Research Center and Hospital	F. S. Jones	172	447,000	3,406	2,671	4P	1	1	1	1	0	4	6300-6840	F
<b>Memphis</b>														
Baptist Memorial	E. E. Muirhead	395	764,189	18,978	18,105	4P	4	4	3	3	0	14	5700-6600	F
City of Memphis Hospitals	D. H. Sprunt	1,232	928,738	11,271	...	4P	5	5	4	4	0	18	5016-6468	F
Methodist	J. K. Duckworth	299	514,247	12,340	10,735	4P	2	2	2	2	0	8	6000-12000	F
St. Joseph	L. C. Prieto	231	385,398	6,302	5,311	4P	1	1	1	1	0	4	6900-7800	F
Veterans Admin. <sup>302</sup>	J. M. Young	486	502,657	3,069	2,946	4P	2	2	2	2	0	8	7160-14409	O
<b>Nashville</b>														
Baptist	F. Womack	146	306,963	6,962	5,262	2P	1	1	0	0	0	2	6000-6900	O
George W. Hubbard Hospital of the														
Meharry Medical College	H. M. Frazier	159	156,772	1,607	1,607	4P	1	1	1	0	0	3	5100-5500	F
St. Thomas	T. C. Delvaux	152	311,464	5,536	4,216	4P	...	...	...	...	...	1	7500-8400	P
Vanderbilt University Affiliated														
Hospitals	J. L. Shapiro					4P	5	5	5	5	2	22	5100-6300	P
Vanderbilt University		684	1,409,459	11,791	11,087	...	...	...	...	...	...	...	...	...
Nashville Metropolitan General		138	316,874	3,219	3,049	...	...	...	...	...	...	...	...	...
Veterans Admin.	N. Ende	177	559,661	2,650	2,459	4P	0	2	1	1	0	4	5730-7430	O
<b>Oak Ridge</b>														
Oak Ridge Associated Universities,														
Medical Division	B. M. Nelson	24	389	53	53	SP	0	0	1	1	0	1†	9000-13000	O
<b>TEXAS</b>														
<b>Austin</b>														
Brackenridge	A. Q. Da Silva	186	211,005	3,454	2,808	4P	1	1	1	1	0	4	7800-9600	P
<b>Dallas</b>														
Baylor University Medical Center	G. J. Race	399	656,809	17,363	16,374	4P	3	3	3	3	0	12	6600-7500	O
Methodist Hospital of Dallas	G. Noteboom	162	434,845	8,507	8,015	4P	1	1	1	1	0	4	6300-7200	P
Parkland Memorial	V. A. Stemberge	439	1,585,902	50,148	50,148	4P	...	...	...	...	...	20	5160-6120	P
St. Paul	J. H. Childers	216	605,918	7,679	6,289	4P	1	1	1	1	0	4	6300-7200	P
Veterans Admin. <sup>306</sup>	A. A. Kosinski	325	706,382	5,622	5,622	4P	1	1	1	1	0	4	4830-13507	P
<b>Fort Worth</b>														
Harris Hospital-Fort Worth Medical														
Center	C. B. Mitchell	262	279,448	9,529	7,953	4P	1	1	1	1	0	4	5400-6300	P
St. Joseph	O. J. Wollenman	139	274,121	5,022	4,440	4P	1	1	1	1	0	4	5100-6000	O
<b>Galveston</b>														
University of Texas Medical Branch														
Hospitals	F. L. Jennings	367	904,597	7,079	7,079	4P	2	2	2	2	0	8	6500-8000	P

Numerical and other references are listed on pages 279 through 282.

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance P F O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>TEXAS—Continued</b>														
<b>Houston</b>														
Baylor University Affiliated Hospitals	R. M. O'Neal	...	...	...	4P	5	5	6	5	0	21	5100-6357	P	
Ben Taub General	R. M. O'Neal	503	1,341,399	7,473	7,473	...	...	...	...	...	...	...	...	
Jefferson Davis	...	...	...	...	...	...	...	...	...	...	...	...	...	
Methodist	H. H. Malvin	437	1,294,706	14,659	13,105	...	...	...	...	...	...	...	...	
Texas Children's	H. S. Rosenberg	208	267,227	3,155	3,098	...	...	...	...	...	...	...	...	
Veterans Admin.	F. Gyorkey	464	675,453	7,661	7,661	...	...	...	...	...	...	...	...	
Hermann	W. G. Brown	281	887,216	15,732	294	4P	1	1	1	0	4	6600-8900	P	
St. Joseph	P. Marcuse	173	927,941	8,509	6,500	4P	1	1	1	1	0	4	6300-7200	P
St. Luke's Episcopal	C. J. Lind, Jr.	169	457,221	6,849	6,752	4P	1	1	1	1	0	4	4500-5400	O
University of Texas M. D. Anderson Hospital and Tumor Institute	W. O. Russell	378	412,807	10,935	10,935	4P	...	...	...	...	5†	5000-10000	O	
<b>Lubbock</b>														
Methodist	W. H. Long	160	250,000	8,200	7,000	4P	1	0	1	0	0	2	4800-7200	O
<b>San Antonio</b>														
Baptist Memorial	A. O. Severance	292	415,568	8,254	7,599	4P	...	...	...	...	6	5400-7200	FP	
Univ of Texas Medical School at San Antonio Teaching Hospitals	H. C. Mc Gill	...	...	...	...	4P	4	2	2	0	0	8	...	O
Robert B. Green Memorial	H. C. Mc Gill	331	782,056	3,794	3,758	...	...	...	...	...	...	...	6900-8700	O
Santa Rosa Medical Center	N. Jacob, Jr.	316	429,867	9,524	9,472	...	...	...	...	...	...	...	5100-6900	F
<b>Temple</b>														
Scott and White Memorial	A. R. Jay	137	513,774	5,893	5,893	4P	...	...	...	...	4	5200-5600	P	
<b>UTAH</b>														
<b>Ogden</b>														
Thomas D. Dee Memorial	J. L. Verner	137	196,531	7,054	5,777	4P	1	0	0	0	0	1	5100-6300	FP
<b>Salt Lake City</b>														
Holy Cross	C. Mc Neil	151	315,178	7,744	6,037	4P	1	1	1	1	0	4	6600-8400	P
Latter-Day Saints	J. H. Carlquist	286	882,511	10,548	8,789	4P	1	1	1	1	0	4	5700-6900	P
University of Utah Affiliated Hospitals	W. H. Carnes	...	...	...	...	4P	2	1	1	1	0	5	...	...
University	W. H. Carnes	250	212,478	2,627	2,603	...	...	...	...	...	...	...	5700-9000	P
Veterans Admin.	W. F. Coulson	180	316,200	2,045	2,000	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>														
<b>Burlington</b>														
Medical Center Hospital of Vermont	R. W. Coon	453	404,279	9,580	7,334	4P	3	3	3	3	0	12	6600-8400	O
<b>VIRGINIA</b>														
<b>Alexandria</b>														
Alexandria	R. E. Palmer	242	305,576	4,929	5,220	4P	0	1	0	0	0	1	8000-8400	P
<b>Charlottesville</b>														
University of Virginia	D. E. Smith	455	694,263	10,366	10,366	4P	2	0	3	1	0	6†	4800-6000	O
<b>Danville</b>														
Memorial	T. J. Moran	226	547,546	5,141	5,141	4P	1	1	1	1	0	4	5400-7200	FP
<b>Norfolk</b>														
De Paul	R. J. Faulconer	217	289,450	9,366	9,031	4P	1	1	1	1	0	4	6000-6900	F
Norfolk General	R. Stephens	241	477,145	7,824	6,217	4P	1	1	1	1	0	4	6900-7800	P
<b>Portsmouth</b>														
Maryview	J. F. Mc Cabe	83	123,544	2,848	2,005	2A	1	0	0	0	0	1	5000-7000	O
<b>Richmond</b>														
Medical College of Virginia-Hospital Division	F. Goodale	703	1,297,855	11,097	9,897	4P	6	6	5	5	2	24	5400-7800	P
Richmond Memorial	W. Monroe	...	...	...	...	4P	1	1	1	1	0	4	4800-6600	F
Veterans Admin.	J. R. Kriz	275	606,781	3,498	3,498	4P	1	1	1	1	0	4	8430-8550	P
<b>Roanoke</b>														
Roanoke Memorial	J. C. Gale	141	221,097	8,304	6,842	4P	1	1	1	1	0	4	6000-6600	F
<b>WASHINGTON</b>														
<b>Seattle</b>														
Doctors	R. C. Ellis	109	200,592	4,878	3,648	1A	1	0	0	0	0	1	6600-7800	F
Group Health	C. E. Marshall	195	350,000	7,500	6,000	2P	...	...	...	...	...	...	7200-...	P
Providence	D. G. Mason	209	152,623	5,753	4,260	3A	1	1	1	0	0	3	7100-10100	P
St. Frances Xavier Cabrini	G. D. La Zerte	155	82,814	2,716	2,350	2P	1	1	0	0	0	2	5400-6000	P
Swedish Hospital Medical Center	W. Hamlin	317	363,659	12,000	10,850	4P	2	2	2	2	0	8	5400-8400	O
University of Washington Affiliated Hospitals	N. K. Mottet	...	...	...	...	4P	6	5	5	4	1	21	...	...
Children's Orthopedic Hospital and Medical Center	S. A. Creighton	130	207,795	1,945	787	...	...	...	...	...	...	...	6000-9000	P
King County	J. Bennington	336	400,666	3,273	2,790	...	...	...	...	...	...	...	6000-8000	P
U.S. Public Health Service	B. S. Eggertsen	92	262,855	3,644	3,316	...	...	...	...	...	...	...	...	...
University	N. K. Mottet	333	217,468	3,656	3,656	...	...	...	...	...	...	...	6000-8000	P
Veterans Admin.	R. Vracko	64	210,854	2,699	2,648	...	...	...	...	...	...	...	5500-8460	P
Virginia Mason	H. W. Jones	187	409,568	6,053	5,374	4P	1	1	0	1	0	3	6500-9030	FP
<b>Spokane</b>														
Deaconess	T. E. Ludden	207	335,813	8,092	6,380	4P	2	2	2	2	0	2	7200-8400	FP
Sacred Heart	E. Hill	302	242,964	6,421	6,249	4P	1	1	1	1	0	4	5400-7800	F
<b>Tacoma</b>														
Tacoma General	C. Larson, M. Wicks	312	327,566	17,267	11,530	4P	1	1	1	1	0	4	4200-6000	P
<b>WEST VIRGINIA</b>														
<b>Beckley</b>														
Beckley Appalachian Regional	W. A. Laquer	197	341,273	4,615	4,439	4P	1	0	1	0	0	2	6400-8800	P
<b>Charleston</b>														
Charleston General	P. P. Ladewig	184	171,748	7,054	7,042	4P	1	1	1	0	0	3	4500-5400	FP
Memorial	G. Swoyer	212	186,728	7,836	7,052	3A	1	1	1	0	0	3	5700-6600	F
<b>Huntington</b>														
Cabell Huntington	S. Werthammer	128	318,145	8,458	6,247	4P	1	0	0	0	0	1	5748-...	F
St. Mary's	D. S. O'Connor	131	375,600	5,911	5,159	4P	1	1	1	1	0	4	6000-7200	O
<b>Martinsburg</b>														
Veterans Admin. Center <sup>132</sup>	C. Hoch-Ligeti	177	223,264	1,163	1,076	2P	2	2	0	0	0	4	4610-8230	O
<b>Morgantown</b>														
West Virginia University Medical Center	W. S. Albrink	335	318,913	6,946	6,449	4P	2	2	2	2	0	8	7000-...	O
<b>Wheeling</b>														
Ohio Valley General	H. G. Little	240	171,185	5,508	4,998	4P	2	2	2	2	0	8	7200-9000	P

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

16. PATHOLOGY — Continued

	Chief of Service or Program Director	Number of Necropsies	Total Number of Laboratory Examinations	Number of Surgical Specimens	Number Examined Microscopically	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance P O
							1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WISCONSIN</b>														
<b>Eau Claire</b>														
Luther	W. J. Beckfield	167	197,692	3,792	3,563	3A	1	1	1	0	0	3	.....	...
<b>Madison</b>														
Madison General	P. G. Piper	179	322,404	10,668	5,622	4P	1	1	1	1	0	4	5460-7200	F
University of Wisconsin Affiliated Hospitals														
University Hospitals	D. M. Angevine	392	523,038	15,523	6,770	4P	2	2	2	2	1	9	4600-8200	P
Veterans Admin.	J. Bloodworth, Jr.	242	279,541	1,748	1,625	4P	1	1	1	1	0	4	4830-7430	P
<b>Marshfield</b>														
St. Joseph's	C. N. Reyes, Jr.	183	211,360	4,078	3,364	4P	1	1	1	1	0	4	3600-7200	F
<b>Milwaukee</b>														
Columbia	D. B. Claudon	212	220,763	5,478	3,957	4P	1	1	1	1	0	4	6720-7320	P
Milwaukee Children's	S. R. Mc Creadie	86	147,533	2,775	959	...	...	...	...	...	...	...	7200-9020	P
Evangelical Deaconess	Y. Taira	122	179,122	3,784	3,179	4P	1	1	1	1	0	4	6000-7800	F
Lutheran Hospital of Milwaukee	E. A. Birge	134	232,333	6,214	5,012	4P	1	1	1	1	0	4	5823-7342	P
Marquette University Affiliated Hospitals	J. F. Kuzma	...	...	...	...	...	6	6	5	5	0	22	.....	...
Milwaukee County General	J. F. Kuzma	696	860,723	4,576	4,061	4P	...	...	...	...	...	...	5200-7900	P
Veterans Admin. Center (Wood)	K. Pintar	406	520,162	3,520	3,316	4P	...	...	...	...	...	...	7200-10600	P
Milwaukee Children's	S. R. Mc Creadie	86	147,533	2,775	959	2P	1	1	0	0	0	2	7200-9020	P
Mount Sinai	N. Enzer	184	621,235	5,497	5,250	4P	1	1	1	1	0	4	7200-9000	O
St. Francis	J. D. Cardy	81	145,182	4,213	3,780	4P	...	...	...	...	...	...	4300-5500	P
St. Joseph's	C. H. Altshuler	258	442,522	43,820	30,404	4P	1	1	1	1	0	4	6300-7200	P
St. Luke's	R. Scheidt	227	244,922	1,252	4,012	4P	1	2	1	4	0	8	6600-8100	FP
St. Mary's	D. J. Carlson	174	201,184	4,829	4,546	4P	1	1	1	1	0	4	6800-7100	F

PATHOLOGY, FORENSIC

Residency programs in the following institutions and agencies have been approved by the Council on Medical Education and the American Board of Pathology as offering acceptable training in the specialty

	Physician in Charge	Total Medicolegal Necropsies	Necropsies on Homicides	Necropsies Toxicological Tests Made	Necropsies Body Examined at Scene by Pathologist
<b>UNITED STATES ARMY, NAVY AND AIR FORCE</b>					
<b>DISTRICT OF COLUMBIA</b>					
Armed Forces Institute of Pathology, Washington	C. J. Stahl	416	64	505	12
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>					
<b>CALIFORNIA</b>					
<b>Bakersfield</b>					
Kern County General	R. W. Huntington, Jr.	469	30	410	0
<b>Los Angeles</b>					
Office of Chief Medical Examiner-Coroner	T. T. Noguchi	5,584	477	4,000	0
<b>Oakland</b>					
Western Laboratories	G. S. Loquvam	1,667	72	708	8
<b>COLORADO</b>					
<b>Denver</b>					
Denver General	G. I. Ogura	5,400	38	920	35
<b>FLORIDA</b>					
<b>Miami</b>					
Office of Medical Examiner of Dade County	J. H. Davis	1,700	144	1,081	150
<b>ILLINOIS</b>					
<b>Chicago</b>					
Cook County Coroner's Office	J. J. Kearns	...	...	...	...
<b>MARYLAND</b>					
<b>Baltimore</b>					
Office of the Chief Medical Examiner-Maryland Medical-Legal Foundation	R. S. Fisher	1,645	249	1,304	52
<b>MICHIGAN</b>					
<b>Detroit</b>					
Wayne County Medical Examiner's Office	J. F. Burton	1,735	397	1,735	1,363
<b>NEW YORK</b>					
<b>New York City</b>					
Office of the Chief Medical Examiner, City of New York	M. Helpert	7,200	820	4,100	6,900
<b>OHIO</b>					
<b>Cleveland</b>					
Cuyahoga County Coroner's Office	L. Adelson, S. R. Gerber	1,629	161	1,175	100
<b>Columbus</b>					
Ohio State University, Department of Pathology	N. Baba	300	45	286	0
<b>PENNSYLVANIA</b>					
<b>Philadelphia</b>					
Office of the Medical Examiner	J. W. Spelman	1,437	193	1,055	75

PATHOLOGY, FORENSIC—Continued

		Physician in Charge	Total Medicolegal Necropsies	Necropsies on Homicides	Necropsies Toxicological Tests Made	Necropsies Body Examined at Scene by Pathologist
<b>PUERTO RICO</b>						
<b>San Juan</b>	Institute of Legal Medicine, University of Puerto Rico .....	R. A. Marcial-Rojas .....	1,847	79	723	87
<b>TENNESSEE</b>						
<b>Memphis</b>	University of Tennessee-Institute of Pathology .....	J. T. Francisco .....	415	65	325	24
<b>VIRGINIA</b>						
<b>Richmond</b>	Office of the Chief Med. Examiner, Commonwealth of Va. Dept. of Health ...	G. T. Mann .....	1,433	254	1,340	942

17. PEDIATRIC ALLERGY

The programs in Pediatric Allergy which have been approved by the Council on Medical Education, the American Academy of Pediatrics, and the American Board of Pediatrics, and the Subspecialty Board of Pediatric Allergy, through the Residency Review Committee for Pediatrics, are listed following the programs in Pediatrics, and begin on page 230.

18. PEDIATRICS

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Academy of Pediatrics and the American Board of Pediatrics, through the Residency Review Committee for Pediatrics, as offering full training in the specialty. Programs, 229; Residencies, 2,693

Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Salary per Year		Main- tenance
				Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years	Min.-Max.	O	
<b>UNITED STATES AIR FORCE</b>															
<b>CALIFORNIA</b>															
David Grant U.S.A.F., Fairfield .....	K. Shepard .....	18	20	600	5	100	29,067	2	2	0	0	0	4	.....	...
<b>MISSISSIPPI</b>															
U. S. Air Force, Biloxi .....	F. R. Stowe, Jr. ....	25	15	1,579	6	83	44,950	2	2	0	0	0	4	.....	...
<b>TEXAS</b>															
Wilford Hall U.S.A.F., San Antonio .....	T. Holcomb .....	50	21	2,436	66	90	38,571	4	4	0	0	0	8	.....	...
<b>UNITED STATES ARMY</b>															
<b>CALIFORNIA</b>															
Letterman General, San Francisco .....	E. J. Tomsovic .....	18	12	610	8	100	16,577	3	3	0	0	0	6	.....	...
<b>COLORADO</b>															
Fitzsimons General, Denver .....	D. C. Plunket .....	12	16	1,071	26	99	51,311	3	3	0	0	0	6	.....	...
<b>DISTRICT OF COLUMBIA</b>															
Walter Reed General, Washington .....	F.C. Biehuseu .....	48	...	2,446	35	85	27,546	3	3	0	0	0	6	.....	...
<b>HAWAII</b>															
Tripler General, Honolulu .....	R. B. Giffin, Jr. ....	22	43	951	16	87	39,698	3	3	0	0	0	6	.....	...
<b>TEXAS</b>															
William Beaumont General, El Paso .....	L. M. Hebertson .....	29	23	1,665	17	82	76,560	3	3	0	0	0	6	.....	...
Brooke General, San Antonio .....	J. M. Louro .....	17	18	613	20	90	40,192	4	4	1	0	0	9	.....	...
<b>WASHINGTON</b>															
Madigan General, Tacoma .....	R. G. Scherz .....	19	18	608	12	92	61,856	3	3	2	0	0	8	.....	...
<b>UNITED STATES NAVY</b>															
<b>CALIFORNIA</b>															
U. S. Naval, Oakland .....	D.J. Pascoe .....	22	15	1,527	30	96	17,113	2	1	2	0	0	5	.....	...
U. S. Naval, San Diego .....	E. R. Peters .....	42	44	2,462	18	88	59,584	3	4	2	0	0	9	.....	...
<b>MARYLAND</b>															
U. S. Naval, Bethesda .....	M. Museles .....	28	17	1,140	48	96	35,849	2	2	2	0	0	6	.....	...
<b>MASSACHUSETTS</b>															
U. S. Naval, Chelsea <sup>207</sup> .....	A. E. Baggett, Jr. ....	16	12	888	29	90	18,069	2	2	0	0	0	4	.....	...
<b>PENNSYLVANIA</b>															
U. S. Naval, Philadelphia <sup>202</sup> .....	J. Schanberger .....	15	15	1,136	32	84	28,690	2	1	0	0	0	3	.....	...
<b>VIRGINIA</b>															
U. S. Naval, Portsmouth .....	J. L. Hughes .....	44	37	2,278	27	67	40,234	3	3	0	0	0	6	.....	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>ARIZONA</b>															
U. S. Public Health Service Indian, Phoenix .....	W.K. Carlile .....	27	...	1,062	13	70	5,573	2	2	0	0	0	4	.....	...

Numerical and other references are listed on pages 279 through 282.

18. PEDIATRICS—Continued

	Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					Number	Neeropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>OTHER FEDERAL</b>															
<b>CANAL ZONE</b>															
Gorgas, Balboa Heights	D. Hirschl	15	11	649	14	100	7,316	1	1	0	0	0	2	8705-9567	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ALABAMA</b>															
<b>Birmingham</b>															
University of Alabama Medical Center	H.P. Bentley, Jr.	...	...	...	...	...	...	6	6	2	0	0	14	...	...
Children's University of Alabama Hospitals and Clinics	H.P. Bentley, Jr.	19	...	773	41	63	5,467	...	...	...	...	...	...	6240-7440	P
<b>Fairfield</b>															
Lloyd Noland	G.C. McCullough	16	8	913	7	86	26,946	2	2	0	0	0	4	6900-7500	FP
<b>Mobile</b>															
Mobile General	D.F. Sullivan	15	31	765	29	20	7,334	2	2	0	0	0	4	6840-7440	P
<b>ARIZONA</b>															
<b>Phoenix</b>															
Good Samaritan	H. Lipow	42	30	3,885	21	76	4,260	3	3	0	0	0	6	7800-8700	F
Maricopa County General	R. Ganellin	27	34	1,273	28	50	17,069	2	3	2	0	0	7	8484-9194	P
St. Joseph's	M.L. Cohen	44	36	1,087	20	85	4,112	2	2	0	0	0	4	6000-6600	F
<b>Tucson</b>															
Tucson Hospitals Medical Education Program	M. Semoff	...	...	...	...	...	...	3	3	0	0	0	6	7200-7800	P
Tucson Medical Center	M. Semoff	34	27	2,570	27	70	1,822	...	...	...	...	...	...	...	...
Pima County General	T. S. Heller	17	0	726†	9	100	11,146	...	...	...	...	...	...	...	...
<b>ARKANSAS</b>															
<b>Little Rock</b>															
University	T. Panos	34	33	3,504	124	84	8,086	5	5	3	0	0	13	4900-6500	O
<b>CALIFORNIA</b>															
<b>Fresno</b>															
Fresno General	W. Ziering	34	25	3,526	54	57	8,357	3	2	0	0	0	5	8136-8928	P
<b>Loma Linda</b>															
Loma Linda University Affiliated Hospitals	R. F. Chinnock	...	...	...	...	...	...	2	2	0	0	0	4	...	...
Loma Linda University	R.F. Chinnock	8	7	593†	4	100	8,918	...	...	...	...	...	...	6198-7260	FP
Riverside General (Riverside)	R. Tompkins	270	12	8,078	317	53	63,864	...	...	...	...	...	...	...	...
<b>Long Beach</b>															
Memorial Hospital of Long Beach - See Univ. of Calif. (Irvine) Affil. Hosps., Orange															
<b>Los Angeles</b>															
Cedars-Sinai Medical Center		...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cedars of Lebanon Hospital Division	B. Kagan	37	33	1,973	90	65	5,472	3	3	0	0	0	6	6000-6600	P
Childrens Hospital of Los Angeles		79	...	3,970	174	80	48,348	19	9	2	0	0	30	5160-8940	P
Los Angeles County-U.S.C. Medical Center	P. Wehrle	116	170	6,295	440	26	54,453	16	16	3	0	0	381	7632-8892	P
Queen of Angels	K. Baladi	9	23	1,196	9	78	1,824	2	2	0	0	0	4	6000-6600	F
U.C.L.A. Affiliated Hospitals	A. J. Moss	...	...	...	...	...	...	12	8	0	0	0	20	...	...
U. C. L. A.	A. J. Moss	47	25	2,258	71	86	14,735	...	...	...	...	...	...	6000-7200	O
Los Angeles County Harbor General (Torrance)	J. St. Geme	48	40	2,336	46	77	15,151	...	...	...	...	...	...	7632-8256	P
White Memorial Medical Center	N. Nation	18	16	893	41	73	7,108	2	2	1	0	0	5	6660-7860	P
<b>Oakland</b>															
Children's Hospital Medical Center of Northern California	E. Duffie, R. Gerdson	99	21	3,446	104	83	9,990	6	7	1	0	0	14	5100-7560	FP
Highland General	A. Hatoff	12	21	702	4	100	8,109	...	...	...	...	...	...	...	...
Kaiser Foundation	E. J. Schoen	8	23	639	9	67	83,904	2	2	0	0	0	4	7500-8100	FP
<b>Orange</b>															
University of California (Irvine) Affiliated Hospitals	T.L. Nelson	...	...	...	...	...	...	7	7	1	0	0	15	...	...
Orange County Medical Center	T.L. Nelson	37	21	992	21	95	6,764	...	...	...	...	...	...	7296-8580	P
Childrens Hospital of Orange County	M.J. Carson	47	6	3,579	59	85	6,894	...	...	...	...	...	...	7296-10104	F
Memorial Hospital of Long Beach (Long Beach)	H. Orme	25	29	2,101	11	64	3,094	...	...	...	...	...	...	6000-6600	P
<b>Palo Alto</b>															
Stanford Medical Center and Affiliated Hospitals <sup>24</sup>	N. Kretchmer	...	...	...	...	...	...	11	10	1	0	0	22	...	...
Palo Alto-Stanford Hospital Center	N. Kretchmer	39	22	3,091†	75	90	11,447	...	...	...	...	...	...	5700-6000	P
San Mateo County General (San Mateo)	G. Williams	8	9	360	4	50	5,780	...	...	...	...	...	...	5196-7104	F
<b>Riverside</b>															
Riverside General - See Loma Linda University Affiliated Hosps., Loma Linda															
<b>San Diego</b>															
University Hospital of San Diego County	R. N. Hamburger	15	11	484	19	67	1,772	2	2	0	0	0	4	5200-5900	P
<b>San Francisco</b>															
Children's Hospital and Adult Medical Center	I. Brandt	38	27	2,673	22	68	27,934	4	4	1	0	0	9	7800-8400	P
Kaiser Foundation	H. R. Shinefield	24	31	1,565	17	88	89,959	2	2	0	0	0	4	7200-7800	P
Mount Zion Hospital and Medical Center	R. Gross	18	17	2,301	22	86	7,090	3	3	0	0	0	6	7500-9300	P
St. Luke's	H. Tsumori	17	12	1,847	5	80	2,489	1	1	0	0	0	2	7800-9000	O
St. Mary's	A. T. Fisher	18	13	1,599	5	100	4,569	1	1	0	0	0	2	7200-7800	O
University of California Program	M. M. Grumbach	...	...	...	...	...	...	6	7	2	0	2	17	...	...
H. C. Moffitt-University of California Hospitals		31	34	1,178	46	89	16,746	...	...	...	...	...	...	6500-8500	O
San Francisco General		26	21	1,135	10	60	15,400	...	...	...	...	...	...	4692-8652	P
<b>San Jose</b>															
Santa Clara Valley Medical Center	J. R. Maloney	32	20	1,730	17	99	19,241	4	2	0	0	0	6	7238-7758	F
<b>San Mateo</b>															
San Mateo County General - See Stanford Medical Center and Affiliated Hosps., Palo Alto															

Numerical and other references are listed on pages 279 through 282.

18. PEDIATRICS — Continued

	Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1968-1970						Total All Years	Salary per Year		Main-tenance
					Number	Neonatal Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Min.		Max.		
<b>CALIFORNIA—Continued</b>																	
<b>Stockton</b>																	
San Joaquin General	W. West	15	18	739	9	56	7,048	1	1	0	0	0	2	6288-9060		F	
<b>Torrance</b>																	
Los Angeles County Harbor General - See U.C.L.A. Affiliated Hospitals, Los Angeles																	
<b>COLORADO</b>																	
<b>Denver</b>																	
Children's University of Colorado Affiliated Hospitals	F. J. Cozzetto	96	...	6,355	100	87	19,738	8	6	1	0	0	15	4500-5500		P	
University of Colorado Medical Center	C. H. Kempe	...	...	...	...	...	...	15	15	3	0	0	33	...		...	
Denver General	C. H. Kempe	29	32	1,357	46	93	23,984	...	...	...	...	...	...	4500-5500		O	
	J. R. Connell	25	21	1,264	15	87	18,610	...	...	...	...	...	...	4800-5256		P	
<b>CONNECTICUT</b>																	
<b>Hartford</b>																	
Hartford <sup>143</sup>	F. J. Flynn	20	68	2,078	48	88	2,583	2	1	1	0	0	4	7000-7700		P	
St. Francis	J. Cullina	44	53	3,320	19	90	6,567	2	2	0	0	0	4	4500-4800		F	
<b>New Haven</b>																	
Hospital of St. Raphael	J. C. Dower	8	52	424	11	64	3,591	3	3	0	0	0	6	5400-8220		P	
Yale-New Haven Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
Yale-New Haven	C. D. Cook	73	67	3,669	62	81	9,232	7	6	2	0	0	15	6600-9100		P	
<b>DELAWARE</b>																	
<b>Wilmington</b>																	
Wilmington Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
Delaware Division	H. Rosenblum	39	28	2,531	76	64	5,867	6	6	1	0	0	13	6000-7200		P	
<b>DISTRICT OF COLUMBIA</b>																	
<b>Washington</b>																	
Children's Hospital of the District of Columbia	R. Parrott, D. Delaney	74	...	3,435	88	90	66,389	14	14	2	0	0	30	6500-7500		P	
District of Columbia General	T. Reichelderfer	72	77	1,692	28	64	32,173	6	7	2	0	0	15	6500-8500		P	
Freedmen's	R. B. Scott	26	40	1,106	19	89	2,608	...	...	...	...	...	...	7300-10000		O	
Georgetown University	P. L. Calcagno	48	...	3,800	12	90	6,000	8	6	2	0	0	16	6500-8000		P	
Providence	J. M. Mc Donald	19	34	1,760	7	57	570	2	2	0	0	0	4	7800-9600		FP	
<b>FLORIDA</b>																	
<b>Gainesville</b>																	
William A. Shands Teaching Hosp. and Clinics <sup>154</sup>	H. A. Pearson	44	21	2,085	106	86	6,363	6	6	3	1	0	16	4800-8500		O	
<b>Jacksonville</b>																	
Jacksonville Hospitals Educational Program	H. A. Carithers	...	...	...	...	...	...	7	7	0	0	0	14	...		...	
Baptist Memorial	J. G. Lane	36	28	2,921	6	66	985	...	...	...	...	...	...	5700-6600		P	
Duval Medical Center	J. K. David	28	29	1,295	20	85	37,658	...	...	...	...	...	...	7200-7800		...	
St. Luke's	J. Moss	19	14	700	2	100	0	...	...	...	...	...	...	6300-6800		...	
St. Vincent's	E. M. Frame	29	20	2,759	13	69	1,831	...	...	...	...	...	...	5700-6600		P	
<b>Miami</b>																	
University of Miami Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
Jackson Memorial	W. L. Nyhan	88	76	7,937	64	79	24,211	7	6	2	0	0	15	5693-6487		P	
Variety Children's	J. Montalvo	69	...	2,993	60	75	29,211	10	10	1	0	0	21	5184-5592		P	
<b>Orlando</b>																	
Orange Memorial	G. H. Walker	14	39	850	20	70	2,688	2	2	0	0	0	4	6300-6600		P	
<b>Tampa</b>																	
Tampa General	S. Wolfson	61	54	3,555	40	68	2,917	3	3	0	0	0	6	5400-6000		FP	
<b>GEORGIA</b>																	
<b>Atlanta</b>																	
Emory University Affiliated Hospitals	R. W. Blumberg	...	...	...	...	...	...	10	8	3	0	0	21	...		...	
Grady Memorial	R. W. Blumberg	48	115	1,886	20	100	13,307	...	...	...	...	...	...	5700-6900		P	
Henrietta Eggeston Hospital for Children	J. H. Patterson	28	...	1,974	62	74	0	...	...	...	...	...	...	5000-7000		P	
Georgia Baptist	H. Foster	23	52	1,602	38	58	1,622	2	2	0	0	0	4	6000-6300		P	
<b>Augusta</b>																	
Medical College of Georgia Hospitals	...	...	...	...	...	...	...	4	4	2	0	0	10	...		...	
Eugene Talmadge Memorial	G. H. Holman	27	24	587	36	83	6,124	...	...	...	...	...	...	4800-6000		P	
University	T. E. Bailey	29	34	2,006	30	37	1,193	...	...	...	...	...	...	...		...	
<b>HAWAII</b>																	
<b>Honolulu</b>																	
Kauaikeolani Children's	H. C. Shirkey	44	...	3,457	27	85	11,461	4	4	0	0	0	8	7800-9000		O	
<b>ILLINOIS</b>																	
<b>Chicago</b>																	
Chicago Medical School Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
Mount Sinai Hospital Medical Center of Chicago	A. Grossman	...	34	3,069	71	82	2,446	2	2	2	0	0	6	6000-7000		P	
Cook County	I.M. Rosenthal	417	176	15,460	475	83	153,009	16	16	5	1	0	38	5400-7200		F	
Illinois Masonic	H. Lander	30	25	2,401	8	50	2,530	2	2	0	0	0	4	7200-8400		FP	
Michael Reese Hospital and Medical Center	J. Metcalf	66	49	6,425	178	73	22,877	7	7	2	0	0	16	5800-8400		P	
Northwestern University Medical Center	R. B. Lawson	...	...	...	...	...	...	...	...	...	...	...	...	...		...	
Children's Memorial	...	60	46	2,813	73	82	35,082	...	...	...	...	...	201	6000-8000		P	
Presbyterian-St. Luke's	J.R. Christian	65	47	2,983	38	77	24,959	4	4	3	1	0	12	6000-7500		P	
University of Chicago Hospitals and Clinics	A. Dorfman	86	44	1,491	33	86	20,547	8	3	1	0	0	12	6000-7000		O	
University of Illinois Research and Educational Hospitals	I. Schulman	63	36	2,347	104	93	25,595	6	6	0	0	0	121	5400-5700		P	
<b>Evanston</b>																	
St. Francis	B. Block	22	22	1,522	10	80	3,125	1	1	0	0	0	2	6780-7020		FP	

## 18. PEDIATRICS — Continued

	Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
					Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>ILLINOIS — Continued</b>															
<b>Evergreen Park</b>															
Little Company of Mary	M. O. Sacks	52	56	4,079	10	60	1,042	4	4	0	0	0	8	7200-7500	P
<b>Peoria</b>															
St. Francis	W.H. Albers	70	58	6,494	98	72	9,324	2	2	0	0	0	4	5400-5700	F
<b>INDIANA</b>															
<b>Indianapolis</b>															
Indiana University Medical Center	M.Green	...	...	...	...	...	...	8	7	0	0	0	15	...	...
Indiana University Hospitals	M.Green	55	29	1,779	177	88	9,725	...	...	...	...	...	...	5100-5600	P
Marion County General	R. Butler	29	48	331	6	50	8,761	...	...	...	...	...	...	5764-6183	P
Methodist Hospital of Indiana	G. Rosenberg	69	34	4,586	49	63	2,990	2	2	0	0	0	4	5880-6180	P
<b>IOWA</b>															
<b>Des Moines</b>															
Iowa Methodist (Raymond Blank Memorial Hospital for Children)	J.E. Gustafson	40	23	3,427	49	76	12,433	3	3	0	0	0	6	6300-6600	F
<b>Iowa City</b>															
University of Iowa Hospitals	D. Dunphy	55	33	2,305	81	81	14,682	6	5	0	0	0	11	5000-5500	P
<b>KANSAS</b>															
<b>Kansas City</b>															
University of Kansas Medical Center	H. Miller	27	23	1,161	56	80	12,194	7	7	1	0	0	15	5400-7300	P
<b>KENTUCKY</b>															
<b>Lexington</b>															
University	W. Wheeler	32	11	1,164	53	64	7,813	3	3	2	0	0	8	4560-6360	P
<b>Louisville</b>															
St. Joseph Infirmary	S. S. Dhanjal	47	26	4,300	38	50	1,477	3	3	0	0	0	6	6180-6780	P
University of Louisville Affiliated Hospitals	W. M. Edwards	...	...	...	...	...	...	8	8	3	1	1	21	5000-5700	P
Children's	...	53	36	3,304	75	64	8,467	...	...	...	...	...	...	...	...
Louisville General	...	19	27	817	11	55	8,813	...	...	...	...	...	...	...	...
<b>LOUISIANA</b>															
<b>New Orleans</b>															
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisiana State University Division	R. E. Fowler	132	67	2,574	67	61	12,200	...	...	...	...	...	19	5400-6000	F
Tulane University Division	N. Woody	137	67	2,403	60	73	10,952	...	...	...	...	...	18	5400-6000	F
<b>Shreveport</b>															
Confederate Memorial Medical Center	H. B. Levy	45	46	2,219	36	83	3,056	2	2	0	0	0	4	5400-6000	F
<b>MAINE</b>															
<b>Portland</b>															
Maine Medical Center	P. G. Good	36	22	2,231	12	58	3,983	1	1	0	0	0	2	5850-7210	FP
<b>MARYLAND</b>															
<b>Baltimore</b>															
Baltimore City Hospitals	H. E. Harrison	56	58	1,427	15	66	27,193	4	4	2	0	0	10	5000-6500	O
Johns Hopkins	R. E. Cooke	105	44	2,581	129	86	77,668	...	...	...	...	...	27	5000-...	P
Johns Hopkins Community Pediatric Program	M. Debuskey	...	...	...	...	...	...	...	...	...	...	...	25	...	...
Baltimore City Hospitals	H. E. Harrison	56	58	1,427	15	66	27,193	...	...	...	...	...	...	5000-6500	O
Greater Baltimore Medical Center	M. Spragins	17	40	2,650	5	80	612	...	...	...	...	...	...	4500-6000	P
Johns Hopkins	M. Debuskey	105	44	2,581	129	86	77,668	...	...	...	...	...	...	5000-...	P
Sinai Hospital of Baltimore	E. Kaplan	31	55	2,210	19	79	13,778	...	...	...	...	...	...	5500-6500	P
Union Memorial	W.L. Grubb	26	20	2,767	28	61	8,248	...	...	...	...	...	...	...	...
Mercy	S.H. Walker	24	22	1,166	18	44	2,444	2	2	0	0	0	4	6300-6300	F
Sinai Hospital of Baltimore	E. Kaplan	31	55	2,210	19	79	13,778	3	3	2	0	0	8	5500-6500	P
University of Maryland	M. Cornblath	31	37	821	44	74	16,702	8	8	1	0	0	17	5700-6100	P
<b>MASSACHUSETTS</b>															
<b>Boston</b>															
Boston City	H. Gezon	75	58	4,981	119	64	29,645	9	8	1	1	0	19	6600-9000	O
Children's Hospital Medical Center	C. A. Janeway	102	0	3,087	232	87	113,640	11	19	14	0	0	44	6600-8100	O
Massachusetts General	N. Talbot	70	...	2,800	67	82	19,000	6	5	1	0	0	12	6600-10000	O
New England Medical Center Hospitals	M. B. Kreidberg	76	...	3,250	116	87	6,536	7	7	1	0	0	15	6600-9000	O
St. Elizabeth's Hospital of Boston	J. J. A. Cavanaugh	23	37	1,502	11	81	3,044	3	3	0	0	0	6	6600-7300	P
<b>Worcester</b>															
St. Vincent	J. A. Duggan	40	17	1,757	10	80	1,752	3	2	0	0	0	5	6600-7300	P
<b>MICHIGAN</b>															
<b>Ann Arbor</b>															
University	W. J. Oliver	69	17	2,236	134	75	25,585	11	10	4	0	0	25	5000-5300	O
<b>Detroit</b>															
Children's Hospital of Michigan	P. V. Woolley	120	70	6,500	215	...	84,600	14	14	2	0	0	30	6600-7200	P
Detroit General	M. Heins	58	62	2,564	18	89	35,457	6	5	1	0	0	12	6500-7400	P
Henry Ford	R. H. High	78	22	1,478	18	83	23,667	4	4	1*	0	0	9	6180-6420	P
<b>Flint</b>															
Hurley	W.W. Nicholls	68	35	4,001	78	56	1,312	3	3	0	0	0	6	6300-6600	P
<b>Grand Rapids</b>															
Butterworth	D. Reardon	45	46	3,087	30	77	1,895	2	1	0	0	0	3	6900-6900	P
<b>Pontiac</b>															
Pontiac General	D.J. Trumpour	50	46	3,747	14	78	778	2	2	0	0	0	5	7500-7800	FP
St. Joseph Mercy	F. M. Adams	42	26	3,391	23	74	...	2	2	0	0	0	4	7560-8280	P
<b>Royal Oak</b>															
William Beaumont	P. J. Laux	54	45	4,941	23	78	932	2	2	0	0	0	4	8880-9360	P
<b>Saginaw</b>															
Saginaw General	E. Rank	23	32	1,196	10	80	4,211	1	1	0	0	0	2	6360-6665	F
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
University of Minnesota Affiliated Hospitals	J. A. Anderson	...	21	1,339	...	...	...	12	8	4	0	0	24	...	...
Hennepin County General	R.B. Raile	26	...	2,800	22	95	4,456	...	...	...	...	...	...	5000-7000	P
University of Minnesota Hospitals	J. A. Anderson	89	11	2,569	122	91	10,947	...	...	...	...	...	...	5500-7000	O
St. Paul-Ramsey (St. Paul)	H. Venters	21	10	747	21	95	4,581	...	...	...	...	...	...	5000-6500	O

18. PEDIATRICS — Continued

	Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
					Number	Necropsy Per cent.	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MINNESOTA—Continued</b>															
<b>Rochester</b>															
Mayo Graduate School of Medicine	J. W. Du Shane	66	18	4,364	85	90	42,947	8	8	8	0	0	24	5400-6800	P
Rochester Methodist		...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's		...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Paul</b>															
Childrens	M. Burke-Strickland	70	16	3,816	52	87	12,258	2	2	1	0	0	51	5000-8000	P
St. Paul-Ramsey - See University of Minnesota Affiliated Hosps., Minneapolis															
<b>MISSISSIPPI</b>															
<b>Jackson</b>															
University of Mississippi Medical Center	B. E. Batson	21	29	655	86	76	7,754	5	5	2	0	0	12	5100-5700	O
<b>MISSOURI</b>															
<b>Columbia</b>															
University of Missouri Medical Center	R.L. Jackson	57	17	1,791	52	60	7,930	3	2	1	0	0	91	5000-6000	P
<b>Kansas City</b>															
Children's Mercy	N. W. Smull	81	...	3,647	146	83	86,153	4	8	0	0	0	12	3600-3900	FP
<b>St. Louis</b>															
Homer G. Phillips	M. Auguste	68	57	3,219	36	53	11,238	6	3	1	0	0	101	5305-5848	P
St. Louis Children's	P. R. Dodge	131	...	5,756	146	73	38,207	10	10	5	2	0	27	...	O
St. Louis City	M. Davis	42	36	2,306	18	50	8,362	3	3	1	0	0	71	5305-6141	O
St. Louis University Group of Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardinal Glennon Memorial Hospital for Children	A.E. Mc Elfresh	132	46	6,858	137	87	57,600	6	6	2	0	0	14	6600-7800	O
<b>NEBRASKA</b>															
<b>Omaha</b>															
Childrens Memorial	T.R. Pfundt	62	...	5,156	40	83	10,578	4	3	1	0	0	8	6300-6600	O
Creighton Memorial St. Joseph's	J. Mitchell	31	15	1,676	15	80	...	3	3	1	0	0	7	6300-7200	P
University of Nebraska	R. Kugel	15	17	643	21	100	14,477	3	3	2	0	0	8	4900-5200	P
<b>NEW HAMPSHIRE</b>															
<b>Hanover</b>															
Mary Hitchcock Memorial	R. C. Storrs	6	6	337	17	77	6,540	1	1	0	0	0	2	5600-6200	O
<b>NEW JERSEY</b>															
<b>Camden</b>															
Cooper	R. Bernardin	35	50	2,760	17	83	2,856	1	0	0	0	0	1	5600-5900	F
<b>Jersey City</b>															
Jersey City Medical Center	J. P. Curran	30	...	1,307	19	69	3,392	6	2	1	0	0	9	6300-7700	O
<b>Long Branch</b>															
Monmouth Medical Center	R. Mc Curdy	31	18	2,379	14	85	6,321	1	1	0	0	0	2	5400-5700	P
<b>Neptune</b>															
Jersey Shore Medical Center - Fitkin	A. De Spirito	40	26	3,273	19	68	2,152	2	1	0	0	0	3	4800-6600	F
<b>Newark</b>															
Newark Beth Israel	M. Fischman	37	26	1,624	18	75	845	2	1	0	0	0	3	5300-5600	F
Newark City	F.C. Behrle	68	69	1,681	198	92	30,745	7	6	1	0	0	14	6200-8600	P
St. Michael	T. Scully	49	31	3,446	37	78	5,545	4	4	0	0	0	8	4500-6480	FP
United Hospitals of Newark - Babies'	J. J. Schwartz	55	...	2,656	35	83	17,516	4	4	1	0	0	5	7700-8900	O
<b>Plainfield</b>															
Muhlenberg	P. Winokur	32	38	2,550	63	78	5,888	2	3	0	0	0	5	4800-5700	FP
<b>NEW MEXICO</b>															
<b>Albuquerque</b>															
Bataan Memorial Methodist	P.M. Eicher	10	7	909	20	75	15,793	2	2	0	0	0	4	5500-5900	P
University of New Mexico Affiliated Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bernalillo County Medical Center	E.A. Mortimer, Jr.	29	16	1,235	19	64	2,880	5	5	2	0	0	12	6060-6500	P
<b>NEW YORK</b>															
<b>Albany</b>															
Albany Medical Center	I. Porter	25	25	1,227	39	85	4,113	3	3	2	0	0	8	6600-7900	P
<b>Buffalo</b>															
Children's Hospital of Buffalo	J. A. Cortner	86	61	4,962	78	90	46,473	12	4	1	0	0	17	5300-7500	P
Edward J. Meyer Memorial	T. S. Bumbalo	40	12	1,258	13	77	29,719	4	1	0	0	0	5	5550-5920	P
<b>East Meadow</b>															
Meadowbrook	P. J. Collipp	20	34	2,532	69	60	6,528	7	5	3	0	0	15	6316-6816	F
<b>Manhasset</b>															
North Shore - See Cornell Cooperating Hospitals, New York City															
<b>New Hyde Park</b>															
Long Island Jewish Hospital Training Program	S. Karelitz	...	...	...	...	...	...	11	11	4	0	0	26	...	...
Long Island Jewish	S. Karelitz	27	51	2,200	60	75	6,406	...	...	...	...	...	...	6000-7750	O
Queens Hospital Center (New York City)	A. Aballi	63	36	4,159	67	88	19,294	...	...	...	...	...	...	5750-6500	F
<b>New York City</b>															
Albert Einstein College of Medicine		...	...	...	...	...	...	15	12	2	0	0	29	...	...
Affiliated Hospitals	H. L. Barnett	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronx Municipal Hospital Center	H. L. Barnett	70	42	2,901	31	84	42,880	...	...	...	...	...	...	4980-5780	F
Hospital of the Albert Einstein College of Medicine <sup>246</sup>	H. L. Barnett	...	27	3894	7	71	2,330	...	...	...	...	...	...	4980-5800	FP
Lincoln	A. Einhorn	71	53	2,515	11	75	127,956	...	...	...	...	...	...	4980-5780	P
Beth Israel	S. Blatman	16	32	422	2	0	54,436	3	4	0	0	0	7	6150-7150	P
Bronx-Lebanon Hospital Center	M. Davidson	38	52	1,481	13	100	24,997	6	4	4	0	0	14	6000-7400	P
Brookdale Hospital Center	R. Golinko	30	58	1,339	64	70	11,691	4	4	0	0	0	8	6000-6500	P
Brooklyn - Cumberland Medical Center	P. R. Scaglione	57	76	1,817	30	63	24,380	12	8	2	0	0	22	5640-7500	P
Brooklyn		...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cumberland		...	...	...	...	...	...	...	...	...	...	...	...	...	...

18. PEDIATRICS—Continued

Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O.P.P.	
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK, New York City—Continued</b>															
Cornell Cooperating Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New York Hospital-Memorial Hospital for Cancer and Allied Diseases	W. W. Mc Crory, M. L. Murphy	...	...	...	...	...	9	8	0	0	0	17	6000-8500	P	
New York Memorial Hospital for Cancer and Allied Diseases-James Ewing	W. W. Mc Crory	85	75	2,783	131	83	33,005	...	...	...	...	...	...	...	
North Shore Hospital-Memorial Hospital for Cancer and Allied Diseases	M. L. Murphy	23	...	419	63	69	3,106	...	...	...	...	...	6500-10500	P	
North Shore (Manhasset) Memorial Hospital for Cancer and Allied Diseases-James Ewing	I. Mauss, M. L. Murphy	25	39	1,953	5	80	4,062	3	3	0	0	6	6300-7800	P	
Harlem Hospital Center	E. J. Kahn	61	68	2,067	117	529	58,431	6	5	1	0	12	4980-5780	P	
Jewish Hospital and Medical Center of Brooklyn	C. Pryles	48	81	1,834	113	70	18,039	13	11	0	0	24	5000-...	P	
Greenpoint	H. Ratner	25	...	626	9	89	49,980	...	...	...	...	...	7500-9000	P	
Lenox Hill	E. A. Davies	23	33	1,082	14	64	6,843	3	3	0	0	6†	5600-6000	P	
Long Island College	J. R. Bongiorno	34	34	1,889	38	72	11,279	3	3	0	0	6	5500-8000	P	
Lutheran Medical Center	N. Chiara	23	24	1,195	12	67	15,045	2	2	0	0	4	6500-7000	P	
Maimonides Medical Center Training Program	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Maimonides Medical Center	H. Joos	35	61	1,691	24	56	5,530	4	4	4	0	12	6000-7750	P	
Coney Island	F. Feldman	35	11	1,336	39	82	9,272	6	4	4	0	14†	4980-5800	P	
Methodist Hospital of Brooklyn	H. Ghadimi	32	24	1,596	14	71	5,100	6	4	3	0	13	6000-7100	P	
Misericordia - Fordham Training Program	W. R. Stankewick	58	63	4,483	120	65	28,351	6	7	2	0	15	6600-8700	F	
Misericordia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Fordham	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Montefiore Hospital Training Program	L. Finberg	...	...	...	...	...	...	10	10	12	2	34	6120-7880	P	
Montefiore Hospital and Medical Center	...	39	...	1,189	34	79	17,433	...	...	...	...	...	...	...	
Morrisania City	...	25	26	1,073	12	80	73,576	...	...	...	...	...	...	...	
Mount Sinai Hospital Training Program	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mount Sinai	H. L. Hodes	79	86	2,041	120	67	46,000	5	7	0	0	12	6000-7000	P	
City Hospital Center at Elmhurst <sup>4</sup>	A. Rausen	49	63	1,479	60	83	49,567	5	5	2	0	12	6300-7800	F	
New York Medical College-Metropolitan Hospital Center	E. Wasserman	...	...	...	...	...	...	10	10	4	0	24	4980-6000	F	
Unit 1 - Flower and Fifth Avenue Hospitals	...	26	40	857	31	61	2,161	...	...	...	...	...	...	...	
Unit 2 - Metropolitan	...	108	38	4,219	88	78	88,993	...	...	...	...	...	...	...	
New York Polyclinic-St. Clare's Hospitals	E. M. Di Tolla	...	...	...	...	...	...	4	2	0	0	6	...	...	
New York Polyclinic Medical School and Hospital	...	11	19	554	5	100	2,866	...	...	...	...	...	5900-6200	P	
St. Clare's	...	21	2	768	14	100	5,954	...	...	...	...	...	6500-7000	FP	
New York University - Bellevue Medical Center	S. Krugman	...	...	...	...	...	...	14	6	4	0	24	...	...	
Bellevue Hospital Center	...	161	30	3,612	74	49	80,575	...	...	...	...	...	4980-5780	FP	
University	...	45	15	554	16	85	...	...	...	...	...	...	7440-8680	O	
Presbyterian (Babies)	E. Curnen	147	84	5,537	230	81	44,740	9	9	1	0	19	6000-8500	P	
Queens Hospital Center - See Long Island	Jewish Hosp. Training Prog., New Hyde Park	...	...	...	...	...	...	...	...	...	...	...	...	...	
Roosevelt	E. N. Joyner	25	21	823	23	52	17,709	3	4	2	1	10	5500-7500	P	
St. Luke's Hospital Center	S. Stevenson	44	57	701	14	100	12,521	4	4	0	0	8	6000-6500	P	
St. Vincent's Hospital and Medical Center of New York	V. Fontana	35	52	3,525	68	77	5,241	5	3	0	0	8	5500-6000	P	
St. Vincent's Medical Center of Richmond	A. A. Claps	31	30	3,051	48	75	3,759	2	2	0	0	4	5700-6600	F	
State University - Kings County Medical Center	J. T. Lanman	...	...	...	...	...	...	13	20	7	0	40†	...	...	
Kings County Hospital Center	...	198	95	4,321	82	72	147,726	...	...	...	...	...	4980-5780	P	
State University	...	4	...	141†	1	...	500	...	...	...	...	...	6690-8110	O	
<b>Rochester</b>															
University of Rochester Community Pediatrics Program	R. J. Haggerty	...	...	...	...	...	...	11	8	0	0	19	...	...	
Genesee	R. S. Meltzer	23	31	2,031	7	100	1,959	...	...	...	...	...	6600-7100	O	
Rochester General	G. Miller	26	47	1,431	13	61	2,233	...	...	...	...	...	7000-7500	P	
Strong Memorial Hospital of the University of Rochester	R. J. Haggerty	65	32	5,799†	105	71	12,736	...	...	...	...	...	5500-6000	P	
<b>Syracuse</b>															
S.U.N.Y. Upstate Medical Center	J. Richmond	72	35	3,393	55	80	11,155	5	5	4	0	14	6600-7500	O	
<b>Valhalla</b>															
Grasslands	T. A. Anderson	51	7	697	15	80	4,900	3	3	0	0	6	9256-10010	P	
<b>NORTH CAROLINA</b>															
<b>Chapel Hill</b>															
North Carolina Memorial	F. W. Denny	27	11	905	33	73	10,075	5	5	0	0	10	4500-5000	O	
<b>Charlotte</b>															
Charlotte Memorial	B. L. Galusha	22	47	1,050	36	53	12,019	2	2	0	0	4	6000-6300	P	
<b>Durham</b>															
Duke University Medical Center	S. Katz	39	38	2,960	111	71	13,841	13	6	4	2	25	5500-7000	P	
<b>Greensboro</b>															
Moses H. Cone Memorial	M. K. Sharpless	47	20	2,060	36	70	5,904	2	2	0	0	4	6000-7500	O	
<b>Raleigh</b>															
Memorial Hospital of Wake County	J. W. Lynn, Jr.	15	20	1,041	11	45	1,523	2	1	1	0	4	5000-7500	F	
<b>Winston-Salem</b>															
North Carolina Baptist Hospitals	W. Kelsey	37	28	2,004	66	64	4,228	3	1	1	0	5	5000-7000	P	
<b>OHIO</b>															
<b>Akron</b>															
Children's Hospital of Akron	S. Spector	99	59	5,763	101	72	12,760	8	8	4	0	20	7780-9340	P	

18. PEDIATRICS — Continued

	Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Salary per year Min.-Max.	Main-tenance P P P P P O
					Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>OHIO—Continued</b>															
<b>Cincinnati</b>															
University of Cincinnati Hospital Group Children's	E. L. Pratt	92	18	4,734	102	73	8,655	15	15	1	0	0	31	5640-5940	P
Cincinnati General	E. L. Pratt	44	34	1,790	48	66	13,245	...	...	...	...	...	...	5640-5940	P
Good Samaritan Hospital-Community Pediatric Program	D. Frank	72	67	4,157	39	78	5,413	...	...	...	...	...	...	6000-7200	P
<b>Cleveland</b>															
Cleveland Clinic	R. D. Mercer	17	...	1,073	11	91	8,275	2	2	0	0	0	4	5400-5800	P
Cleveland Metropolitan General <sup>282</sup>	R. Schwartz	54	45	2,161	20	100	44,751	6	6	3	0	0	151	5800-8700	P
Fairview General	W. Kelley	28	9	17,046 <sup>‡</sup>	358	53	37,391	2	2	0	0	0	4	5400-6000	F O
Mount Sinai Hospital of Cleveland <sup>282</sup>	E. Smith	29	36	1,613	15	67	5,123	2	2	0	0	0	4	6600-7300	P
St. Luke's	R. O. Walton	27	35	1,630	14	85	4,947	3	2	0	0	0	5	6600-7300	P
University Hospitals of Cleveland	W. M. Wallace	73	69	2,907	104	83	17,883	9	6	3	0	0	181	6000-7500	P P
<b>Columbus</b>															
Children's	B. D. Graham	92	...	4,765	161	101	68,560	12	12	3	0	0	27	5700-6300	P
<b>Toledo</b>															
Toledo-Maumee Valley Hospitals	J. C. Roberts	35	54	2,961	23	83	2,154	...	...	...	...	...	...	6300-6600	F
Toledo	M. Rejent	29	9	1,352	4	100	4,890	...	...	...	...	...	...	5400-5700	FP
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
St. Anthony	H. V. L. Sapper	11	37	462	16	63	4,408	1	1	0	0	0	2	8700-9000	P
University of Oklahoma Hospitals	H. D. Riley, Jr.	40	25	885	62	70	7,691	...	...	...	...	...	161	5500-6100	P
<b>Tulsa</b>															
Hillcrest Medical Center	H. Graham, Jr.	15	22	2,108	13	69	1,373	1	1	0	0	0	2	8400-9072	...
St. John's	H. Goldman	45	36	3,291	29	41	1,304	1	1	0	0	0	2	8700-9000	P
<b>OREGON</b>															
<b>Portland</b>															
University of Oregon Medical School Hospitals and Clinics	R. W. Olmsted	35	29	2,861	101	81	24,334	7	7	2	0	0	16	4200-6000	FP
<b>PENNSYLVANIA</b>															
<b>Harrisburg</b>															
Harrisburg	T. Fletcher	34	36	4,477	62	63	10,637	2	2	0	0	0	4	7200-8100	F
Harrisburg Polyclinic	J. M. Garfunkel	42	22	2,808	18	63	7,123	2	2	0	0	0	4	7980-9180	F
<b>Philadelphia</b>															
Albert Einstein Medical Center	M. Malen	30	60	5,239 <sup>‡</sup>	57	63	4,436	3	3	0	0	0	6	5100-5400	P
Children's Hospital of Philadelphia	D. Cornfeld	120	1	7,425	187	87	53,373	4	12	4	1	0	21	5550-6800	O
Hahnemann Medical College and Hospital	E. Shaheen	13	23	613	60	43	1,152	3	2	1	0	0	6	4500-5100	P
Hospital of the University of Pennsylvania	L. Barnes	12	42	474	4	100	7,184	2	2	1	0	0	5	2400-6000	P
Hospital of the Woman's Medical College of Pennsylvania	D. A. Howell	23	16	1,138	5	80	6,707	4	4	3	1	0	12	5400-7000	P
Jefferson Medical College	R. L. Brent	29	34	1,071	12	92	10,004	4	4	1	0	0	9	5500-6000	O
Philadelphia General	M. Rosenberg	77	62	2,467	18	78	49,084	6	5	0	0	0	121	6800-8164	O
Temple University Affiliated Hospitals	V. C. Vaughn, 3d	...	...	...	...	...	...	15	15	3	0	0	331	...	...
St. Christopher's Hospital for Children	...	125	...	6,168	70	81	80,368	...	...	...	...	...	...	5000-7000	O
Temple University	...	...	...	...	...	...	...	...	...	...	...	...	...	5000-6200	P
<b>Pittsburgh</b>															
Health Center Hospitals of the University of Pittsburgh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Children's Hospital of Pittsburgh <sup>324</sup>	D. N. Medearis, Jr.	217	...	2,098	90	86	26,417	4	16	10	0	0	30	7500-8500	O
<b>Sayre</b>															
Robert Packer	D. S. Motsay	19	8	2,197	14	57	7,409	1	1	0	0	0	2	5000-5250	FP
<b>PUERTO RICO</b>															
<b>Ponce</b>															
Ponce District General	M. A. Lopez-Rodriguez	119	32	2,986	252	33	8,049	4	4	0	0	0	8	6000-10800	F
<b>San Juan</b>															
Municipal Hospital Dr. Rafael Lopez Nussa	E. Colon Rivera	103	...	2,862	76	2	1,220	12	12	2	0	0	26	5700-6900	P
University District	A. Ortiz	71	58	2,134	130	67	12,426	8	8	2	0	0	18	5700-9000	F
<b>RHODE ISLAND</b>															
<b>Providence</b>															
Rhode Island	B. Feinberg	39	...	1,705	32	88	5,417	4	3	0	0	0	7	6600-7300	P
<b>SOUTH CAROLINA</b>															
<b>Charleston</b>															
Medical Center Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medical College	M.C. Westphal, Jr.	16	24	514 <sup>‡</sup>	20	70	11,326	4	3	0	0	0	7	4380-5400	P
<b>Columbia</b>															
Columbia Hospital of Richland County	C. A. James	38	27	2,566	67	20	13,979	1	1	0	0	0	2	6000-7200	P
<b>TENNESSEE</b>															
<b>Chattanooga</b>															
T. C. Thompson Children's	H. Massoud	55	...	4,086	97	49	20,574	3	3	0	0	0	6	5700-6000	F
<b>Knoxville</b>															
East Tennessee Affiliated Hospitals	H. S. Christian	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Tennessee Children's	...	36	...	2,580	30	40	...	...	...	...	...	...	...	4980-5520	P
University of Tennessee Memorial Research Center and Hospital	...	16	16	2,078	14	7	1,684	...	...	...	...	...	...	5100-5280	F
<b>Memphis</b>															
University of Tennessee Affiliated Hospitals	J. G. Hughes	...	...	...	...	...	...	12	12	1	0	0	25	...	...
City of Memphis Hospitals	J. G. Hughes	75	59	2,253	131	72	24,301	...	...	...	...	...	...	5016-6138	F
Le Bonheur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

## 18. PEDIATRICS — Continued

	Chief of Service or Program Director	Average Daily Census	Newborn and Premature A.D. Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
					Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>TENNESSEE — Continued</b>															
<b>Nashville</b>															
Baptist	J. Fields	10	...	711	11	27	718	2	1	0	0	0	3	6000-6600	O
George W. Hubbard Hospital of the Meharry Medical College	E. P. Crump	...	18	854	9	56	8,155	2	2	2	0	0	6	5100-5700	F
Vanderbilt University Affiliated Hospitals	A. Christie	...	...	...	...	...	...	7	2	1	0	0	10	5100-6300	P
Nashville Metropolitan General	W. D. Donald	12	...	407	7	57	9,337	...	...	...	...	...	...	...	...
Vanderbilt University	A. Christie	50	28	3,869	112	70	18,887	...	...	...	...	...	...	...	...
<b>TEXAS</b>															
<b>Corpus Christi</b>															
Driscoll Foundation Children's	J. M. Sloan	76	...	1,313	52	80	44,424	4	4	4	0	0	121	4800-8100	FP
<b>Dallas</b>															
Children's Medical Center	H. Eichenwald	128	38	2,539	59	45	7,514	12	8	1	0	0	21	6300-7620	P
<b>Galveston</b>															
University of Texas Medical Branch Hospitals	C. W. Daeschner	111	23	2,596	76	76	8,397	8	7	1	0	0	16	6000-6150	P
<b>Houston</b>															
Baylor University Affiliated Hospitals	R. J. Blattner	...	...	...	...	...	...	15	12	2	0	0	291	5100-5400	P
Ben Taub General	...	41	...	1,265	58	62	48,870	...	...	...	...	...	...	...	...
Hermann	...	13	55	631	24	75	11,513	...	...	...	...	...	...	...	...
Jefferson Davis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Methodist	...	0	25	13	0	0	77	...	...	...	...	...	...	...	...
Texas Children's	...	26	...	2,519	42	73	14,844	...	...	...	...	...	...	...	...
<b>San Antonio</b>															
Univ of Texas Medical School at San Antonio Teaching Hospitals	C. M. Kohler	...	...	...	...	...	...	8	8	2	0	0	18	...	...
Robert B. Green Memorial	C. M. Kohler	50	30	1,825	123	67	5,602	...	...	...	...	...	...	6900-8700	O
Santa Rosa Medical Center	L. J. Geppert	160	30	9,682	142	54	9,213	...	...	...	...	...	...	5100-6900	F
<b>Temple</b>															
Scott and White Memorial	R. E. Myers	11	7	875	6	67	12,800	2	1	0	0	0	3	5200-5600	P
<b>UTAH</b>															
<b>Salt Lake City</b>															
University of Utah Affiliated Hospitals	M. E. Lahey	...	...	...	...	...	...	5	7	1	0	0	13	...	...
University	M. E. Lahey	23	15	1,411	26	61	18,203	...	...	...	...	...	...	5700-7066	P
Later-Day Saints	D. D. Wetzel	44	...	3,992	50	42	...	...	...	...	...	...	...	...	...
Primary Children's	L. G. Veasy	41	...	1,824	39	85	2,203	...	...	...	...	...	...	6000	...
Shriners Hospital for Crippled Children	...	35	0	249	0	0	1,605	...	...	...	...	...	...	...	...
<b>VERMONT</b>															
<b>Burlington</b>															
Medical Center Hospital of Vermont	R. J. Mc Kay, Jr.	52	30	3,587	43	84	6,274	2	3	0	0	0	5	6600-7200	O
<b>VIRGINIA</b>															
<b>Alexandria</b>															
Alexandria	R. H. Anderson	19	41	2,023	4	100	2,652	1	1	0	0	0	2	8000-8400	P
<b>Charlottesville</b>															
University of Virginia	W. G. Thurman	39	27	805	80	55	11,143	7	6	1	0	0	14	4800-6000	O
<b>Norfolk</b>															
King's Daughters Children's	M. A. Warfield	56	...	3,968	22	82	28,226	3	3	0	0	0	6	8575-8600	P
<b>Richmond</b>															
Medical College of Virginia-Hospital Division	W. Laopus	54	104	1,880	61	79	28,580	8	8	2	2	0	20	4800-5400	P
<b>WASHINGTON</b>															
<b>Seattle</b>															
University of Washington Affiliated Hospitals	R. J. Wedgwood	...	...	...	...	...	...	14	14	4	0	0	32	...	...
Children's Orthopedic Hospital and Medical Center	G. E. Pyne	49	4	4,456	91	...	22,112	...	...	...	...	...	...	6000-6500	P
King County	N. Smith	15	18	785	8	80	5,954	...	...	...	...	...	...	6000-7000	P
University	R. J. Wedgwood	7	22	336	10	100	11,558	...	...	...	...	...	...	6000-7000	P
<b>WEST VIRGINIA</b>															
<b>Beckley</b>															
Beckley Appalachian Regional	F. A. Cornwell	14	7	1,111	11	73	6,811	2	1	0	0	0	3	6400-7400	P
<b>Charleston</b>															
Memorial	T. G. Potterfield	32	24	875	15	66	1,422	1	1	0	0	0	2	5700-6300	F
<b>Morgantown</b>															
West Virginia University Medical Center	W. G. Klingberg	49	14	1,631	43	81	10,708	3	3	2	0	0	81	7000-...	O
<b>WISCONSIN</b>															
<b>Madison</b>															
University of Wisconsin Affiliated Hospitals	C. Lobeck	...	...	...	...	...	...	6	6	2	0	0	14	4600-6400	P
University Hospitals	...	37	8	1,277	58	91	9,346	...	...	...	...	...	...	...	...
Madison General	...	32	27	2,453	8	75	...	...	...	...	...	...	...	...	...
St. Mary's	...	26	28	2,394	10	70	...	...	...	...	...	...	...	...	...
<b>Milwaukee</b>															
Marquette University Affiliated Hospitals	J. C. Peterson	...	...	...	...	...	...	7	7	2	0	0	16	...	...
Milwaukee Children's	...	90	...	5,296	59	86	14,971	...	...	...	...	...	...	7200-7800	P
Milwaukee County General	...	36	22	1,023	50	90	8,632	...	...	...	...	...	...	5200-7000	P

18. PEDIATRICS — Continued

Residency programs in the following hospitals have been approved by the Council on Medical Education the American Academy of Pediatrics and the American Board of Pediatrics, through the Residency Review Committee for Pediatrics as offering full training through affiliation with a fully approved program. Programs, 26; Residencies, 76

	Chief of Service or Program Director	Average Daily Census	Newborn and Prenatal A.D. Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
					Number	Neecropsy Per cent.		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>CONNECTICUT</b>															
<b>Norwalk</b>															
Norwalk Hospital <sup>142</sup>	J. Sheehan	30	27	607‡	2	100	1,191	1	2	0	0	0	3	5400-7200	F
<b>Waterbury</b>															
Waterbury <sup>142</sup>	J. R. Goerner	26	24	2,252	1	100	869	1	1	0	0	0	2	6000-6600	FP
<b>ILLINOIS</b>															
<b>Chicago</b>															
Edgewater <sup>108</sup>	H.S. Gordon	16	23	1,204	4	100	849	2	2	0	0	0	4	6000-6600	FP
Grant <sup>108</sup>	H. Goodman	24	14	1,208	17	57	2,068	1	1	0	0	0	2	6600-7200	P
Northwestern University Medical Center	R. B. Lawson	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Evanston <sup>102</sup>	H. F. Philipsborn	21	32	1,994	10	90	1,194	1	1	0	0	0	2	6000-7000	P
Evanston - See Northwestern University Medical Center, Chicago															
<b>LOUISIANA</b>															
<b>New Orleans</b>															
Ochsner Foundation <sup>189</sup>	C. H. Snyder	5	8	375	12	100	16,654	0	2	0	0	0	2	...-7000	O
<b>MARYLAND</b>															
<b>Baltimore</b>															
St. Agnes <sup>107</sup>	E. Besson	27	34	2,823	6	83	1,884	2	2	0	0	0	4	8000-8500	O
<b>MASSACHUSETTS</b>															
<b>Springfield</b>															
Springfield <sup>202</sup>	M. Medalie	32	...	1,671‡	12	83	1,175	2	2	0	0	0	4	6600-7300	P
<b>MICHIGAN</b>															
<b>Detroit</b>															
Mount Carmel Mercy <sup>212</sup>	W. C. Montgomery	37	...	2,970	10	50	1,876	2	0	0	0	0	2	6300-6600	P
<b>Kalamazoo</b>															
Bronson Methodist <sup>212</sup>	R. Nicholson	39	26	2,482	16	75	4,133	1	0	0	0	0	1	6300-6300	F
<b>NEW YORK</b>															
<b>Albany</b>															
St. Peter's <sup>204</sup>	A. Mac Collam	13	33	628	4	75	1,070	2	2	0	0	0	4	6480-7080	P
<b>Cooperstown</b>															
Mary Imogene Bassett <sup>208</sup>	J. Cannon	4	4	188	4	100	8,647	1	0	0	0	0	1	5400-5900	P
<b>New York City</b>															
Flushing Hospital and Medical Center <sup>209</sup>	J. N. De Hoff	20	51	3,552	33	79	9,726	2	3	0	0	0	5	5600-6500	P
Jewish Memorial <sup>205</sup>	W. Levy	13	28	921	3	33	2,353	2	2	0	0	0	4	4800-6000	F
St. John's Episcopal <sup>207</sup>	B. H. Shulman	27	25	1,272	38	92	7,294	2	2	0	0	0	4	5500-6500	FP
Wyckoff Heights <sup>202</sup>	A. Eden	42	40	3,940‡	57	84	4,257	3	3	0	0	0	6	5000-5500	F
<b>NORTH CAROLINA</b>															
<b>Durham</b>															
Watts <sup>65</sup>	W. L. London	11	15	967	3	0	1,133	1	0	0	0	0	1	5400-5400	F
<b>Wilmington</b>															
Babies	R. B. Moore	36	6	2,251	6	83	2,769	2	0	0	0	0	2	6000-6000	O
<b>OHIO</b>															
<b>Cincinnati</b>															
Jewish <sup>276</sup>	G. Englander	26	30	5,119	28	71	1,225	1	1	0	0	0	2	6000-7200	P
<b>Warren</b>															
Trumbull Memorial <sup>274</sup>	M. E. Sorrell	26	30	2,216	15	73	1,231	2	2	0	0	0	4	7800-8400	P
<b>PUERTO RICO</b>															
<b>San Juan</b>															
Presbyterian Community <sup>209</sup>	A. Garcia-Rivera	13	20	821‡	22	36	93	1	1	0	0	0	1	7200-7200	F
<b>RHODE ISLAND</b>															
<b>Providence</b>															
Roger Williams General <sup>203</sup>	R. C. Eley	26	0	2,067	4	25	826	3	3	0	0	0	6	6600-7900	P
<b>SOUTH CAROLINA</b>															
<b>Greenville</b>															
Greenville General <sup>288</sup>	W. Mc Cain	36	45	2,536	40	50	3,488	0	2	0	0	0	2	6000-6000	P
<b>TENNESSEE</b>															
<b>Memphis</b>															
Baptist Memorial <sup>303</sup>	E. C. Shackelford	36	44	2,644	30	30	409	1	1	0	0	0	2	5700-6000	F
St. Joseph <sup>303</sup>	D. H. James, Jr.	17	51	1,330	11	45	2,680	1	1	0	0	0	2	5700-6300	F
<b>TEXAS</b>															
<b>Dallas</b>															
Methodist Hospital of Dallas <sup>307</sup>	F. S. Brooksaler	22	28	3,680	14	64	1,995	2	2	0	0	0	4	4860-6600	P
<b>WISCONSIN</b>															
<b>La Crosse</b>															
La Crosse Lutheran Hospital-Gundersen Clinic <sup>71</sup>	R. Slungaard	12		1,131	4	50	15,431	1	0	0	0	0	1	...-6000	F

Numerical and other references are listed on pages 279 through 282.

PEDIATRIC ALLERGY

Residency programs in the following hospitals have been approved for ONE or TWO years of training by the Council on Medical Education, the American Academy of Pediatrics, the American Board of Pediatrics, and the Sub-Specialty Board of Pediatric Allergy, through the Residency Review Committee for Pediatrics. (Applicants intending to qualify for examination by the Sub-Specialty Board of Pediatric Allergy of the American Board of Pediatrics, should refer to the Board requirements. \*Identifies centers in which the total residency program also includes Adult Allergy. Accordingly, residency programs in centers with the symbol (\*) are in the "Mixed" category referred to under Board Requirements. All other residency programs listed below are in the "Pediatric" category.) Programs, 34; Residencies, 87

	Chief of Service or Program Director	Admissions (Include Transfers)	Outpatient Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Main-tenance O
				1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES AIR FORCE</b>												
<b>TEXAS</b>												
Wilford Hall U.S.A.F., San Antonio	R. E. Smith	43	48,632	1	1	0	0	0	2			
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>												
<b>ARKANSAS</b>												
<b>Little Rock</b>												
University	V. Gordon		1,761	2	2	0	0	0	4	6000-7600	O	
<b>CALIFORNIA</b>												
<b>Los Angeles</b>												
Los Angeles County-U.S.C. Medical Center <sup>78</sup>	Z. Haddad, M. Benis		4,146	1	1	0	0	0	2	8892-9528	P	
U. C. L. A.												
<b>San Francisco</b>												
Kaiser Foundation	B. F. Feingold	50	100,932	1	1	0	0	0	2	7500-9360	P	
University of California Program												
H. C. Moffitt-University of California Hospitals	W. C. Deamer		3,469	1	1	0	0	0	2	6000-7000	O	
<b>COLORADO</b>												
<b>Denver</b>												
Children's Asthma Research Institute and Hospital Program	C.J.Falliers	110		3	3	1	0	0	7	6000-10000	P	
Jewish National Home for Asthmatic Children												
Children's			430									
University of Colorado Medical Center <sup>35</sup>	J. C. Selner	100	4,000	4	4	1*	0	0	9	6500-10000	O	
<b>DISTRICT OF COLUMBIA</b>												
<b>Washington</b>												
Children's Hospital of the District of Columbia	W. Howard	Inc. in Ped.		1	1	0	0	0	2	7500-7500	O	
Georgetown University												
<b>ILLINOIS</b>												
<b>Chicago</b>												
Michael Reese Hospital and Medical Center	A. Matheson		2,455							5800-8400	P	
Presbyterian-St. Luke's	J. S. Hyde	93	1,177	1	1	0	0	0	2	7000-7500	P	
<b>KANSAS</b>												
<b>Kansas City</b>												
University of Kansas Medical Center-Children's Mercy	F. Speer			2	2	0	0	0	4			
University of Kansas Medical Center			2,982							4800-8000	P	
Children's Mercy (Kansas City, Mo.)		150	4,442							4800-5200	O	
<b>KENTUCKY</b>												
<b>Lexington</b>												
University	K. L. Gerson		872	1	1	0	0	0	2	5760-6960	P	
<b>Louisville</b>												
University of Louisville Affiliated Hospitals	N. I. Handelman			1	1	0	0	0	2			
Louisville General	N. I. Handelman									6500-6500	P	
Children's	J. Karibo	0	5,941									
<b>MARYLAND</b>												
<b>Baltimore</b>												
Johns Hopkins			3,414							5000-...	P	
University of Maryland	R. London	Inc. in Ped.	1,674	1	1	0	0	0	2	6600-7100	P	
<b>MASSACHUSETTS</b>												
<b>Boston</b>												
Children's Hospital Medical Center	H. Mueller	Inc. in Ped.		0	0	0	1	1	2	6600-9000	O	
<b>MICHIGAN</b>												
<b>Ann Arbor</b>												
University	K. P. Mathews	Inc. in Ped.		2	2	0	0	0	4	6000-6700	O	
<b>Detroit</b>												
Children's Hospital of Michigan	S. Levin		3,472	0	0	1	1	0	2	6600-7200	P	
<b>MINNESOTA</b>												
<b>Rochester</b>												
Mayo Graduate School of Medicine	G. B. Logan	150	950	1	1	0	0	0	2	5800-8000	P	
Rochester Methodist												
St. Mary's												
<b>MISSOURI</b>												
<b>Kansas City</b>												
Children's Mercy - See U. Kans. Med. Cntr.-Children's Mercy, Kans. City, Kans.												
<b>NEW YORK</b>												
<b>Buffalo</b>												
Children's Hospital of Buffalo	C. B. Arbesman	105	5,314									
<b>New York City</b>												
Jewish Hospital and Medical Center of Brooklyn	N. S. Weiss											
Presbyterian (Babies)	W. Kessler	Inc. in Ped.	3,680	1	0	0	0	0	1	6600-10000	O	
Roosevelt	W. B. Sherman	5	2,081	1	0	0	0	0	1	6000-7500	P	
St. Vincent's Hospital and Medical Center of New York	V. Fontana	1,262	1,930	2	0	0	0	0	2	6500-7500	O	

PEDIATRIC ALLERGY—Continued

	Chief of Service or Program Director	Admissions (Include Transfers)	Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
				1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK—Continued</b>											
<b>Rochester</b>											
Strong Memorial Hospital of the University of Rochester	D. E. Johnstone	30	2,800	...	...	...	...	...	5500-8500	P	
<b>NORTH CAROLINA</b>											
<b>Durham</b>											
Duke University Medical Center	S. C. Dees	Inc. in Ped.	1,279	3	1	0	0	0	4	5500-7000 P	
<b>OHIO</b>											
<b>Cincinnati</b>											
University of Cincinnati Hospital Group	J. E. Ghory	...	...	1	1	0	0	0	2	...	
Children's	...	...	...	...	...	...	...	...	...	...	
Cincinnati General	...	...	...	...	...	...	...	...	5640-5940	P	
Convalescent Hospital for Children	...	94	867	...	...	...	...	...	6000-6000	O	
<b>PENNSYLVANIA</b>											
<b>Philadelphia</b>											
Children's Hospital of Philadelphia	H. Lecks	Inc. in Ped.	1,916	1	1	0	0	0	2	5000-5000 O	
St. Christopher's Hospital for Children	L. S. Girsh	...	2,875	1	1	0	0	0	2	5800-5800 O	
<b>Pittsburgh</b>											
Health Center Hospitals of the University of Pittsburgh	...	...	...	...	...	...	...	...	...	...	
Children's Hospital of Pittsburgh	P. Fireman	171	4,734	1	1	0	0	0	2	7500-8500 O	
<b>RHODE ISLAND</b>											
<b>Providence</b>											
Rhode Island	G. K. Boyd	Inc. in Ped.	1,289	1	0	0	0	0	1	7300-8100 P	
<b>TENNESSEE</b>											
<b>Memphis</b>											
City of Memphis Hospitals (Frank Tobey Memorial Children's Hospital)	L. V. Crawford	150	3,200	1	1	1	1	1	5	3600-5040 F	
<b>TEXAS</b>											
<b>Dallas</b>											
Children's Medical Center	S. R. Halpern	...	3,210	1	0	0	0	0	1	5000-6000 O	
<b>Houston</b>											
Baylor University Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	
Texas Children's	J. P. Mc Govern	86	923	1	1	0	0	0	2	5500-7000 O	
<b>VIRGINIA</b>											
<b>Charlottesville</b>											
University of Virginia	W. G. Thurman	Inc. in Ped.	1,056	...	...	...	...	...	...	6500-8000 O	
<b>WASHINGTON</b>											
<b>Seattle</b>											
University of Washington Affiliated Hospitals	P. P. Van Arsdel, Jr.	...	...	1	1	0	0	0	2	...	
Children's Orthopedic Hospital and Medical Center	P. P. Van Arsdel, Jr.	Inc. in Ped.	...	...	...	...	...	...	...	5000-8500 P	
King County	C. W. Bierman	...	1,046	...	...	...	...	...	...	6000-6500 P	
	P. P. Van Arsdel, Jr.	...	...	...	...	...	...	...	...	...	
	C. W. Bierman	Inc. in Ped.	934	...	...	...	...	...	...	6000-8500 P	
<b>WEST VIRGINIA</b>											
<b>Morgantown</b>											
West Virginia University Medical Center	H. J. Wittig	21	1,600	2	2	0	0	0	4	7000-... O	
<b>WISCONSIN</b>											
<b>Madison</b>											
University Hospitals	C. Reed, E. Stiehm	Inc. in Ped.	1,312	1	1	0	0	0	2	6000-10000 P	
<b>Milwaukee</b>											
Marquette University Affiliated Hospitals	R. R. Weller	...	...	1	1	0	0	0	2	...	
Milwaukee Children's	R. R. Weller	...	1,307	...	...	...	...	...	...	...	
Milwaukee County General	J. A. Arkins	Inc. in Med.	2,789	...	...	...	...	...	...	...	

19. PEDIATRIC CARDIOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Academy of Pediatrics, and the American Board of Pediatrics and the Sub-Specialty Board of Pediatric Cardiology, through the Residency Review Committee for Pediatrics, as offering TWO years of training in the specialty. Programs, 50; Residencies, 161

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
				Number	Necropsy Per cent			1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ARIZONA</b>															
<b>Phoenix</b>															
Good Samaritan	M. E. Molthan	7	200	13	85	673	2	1	1	0	0	0	2	...-8400	O
<b>ARKANSAS</b>															
<b>Little Rock</b>															
University	F. Char	...	...	...	...	494	2	2	2	0	0	0	4	6000-7600	O

19. PEDIATRIC CARDIOLOGY—Continued

State	City	Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary per Year Min.-Max.	Maintenance
						Number	Neonatal Per cent	Outpatient Visits	Length of Ap- proved Pro- gram (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		
<b>CALIFORNIA</b>																	
Los Angeles		Childrens Hospital of Los Angeles	P. Lurie	7	356	22	95	1,604	2	3	3	0	0	0	6	6500-6500	P
		U. C. L. A.	F. Adams	5	254	17	98	2,350	2	1	4	0	0	0	5	6500-10000	...
Oakland		Children's Hospital Medical Center of Northern California	J. Wilson	...	...	...	...	...	2	0	1	0	0	0	1	5000-6000	FP
Palo Alto		Palo Alto-Stanford Hospital Center	N.J. Sissman	5	250+	19	95	724	2	1	1	0	0	0	2	6500-7600	P
San Francisco		University of California Program	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		H. C. Moffitt-University of California Hospitals	A. M. Rudolph	...	...	...	...	280	2	1	1	0	0	0	2	7500-8500	O
<b>COLORADO</b>																	
Denver		Children's	C. R. Hawes	...	...	...	...	354	2	1	0	0	0	0	1	5000-5500	P
<b>CONNECTICUT</b>																	
New Haven		Yale-New Haven	N. Talner	...	106	...	...	2,499	2	2	2	1	0	0	5	6000-6500	P
<b>DISTRICT OF COLUMBIA</b>																	
Washington		Children's Hospital of the District of Columbia	L. Scott	8	250	34	80	503	2	1	1	0	0	0	2	7500-7500	O
<b>FLORIDA</b>																	
Gainesville		William A. Shands Teaching Hospital and Clinics	I. H. Gessiner	9	437	44	84	694	2	3	3	0	0	0	6	6500-10000	O
<b>GEORGIA</b>																	
Atlanta		Grady Memorial	F. K. Edwards	...	...	...	...	1,219	2	1	1	0	0	0	2	6000-7000	O
Augusta		Eugene Talmadge Memorial	G. M. Folger	9	260	75	75	800	2	0	0	2	2	0	4	.....	...
<b>ILLINOIS</b>																	
Chicago		Children's Memorial	M.H. Paul	7	427+	28	92	2,775	2	2	0	0	0	0	2	6000-8000	P
		Presbyterian-St. Luke's	H.G. Bucheleres	7	318	33	31	986	2	1	1	0	0	0	2	7000-7500	P
		University of Chicago Hospitals and Clinics	D. E. Cassels	27	372	17	73	2,536	2	1	1	1	0	0	3	7000-7500	O
		University of Illinois Affiliated Hospitals	...	...	...	...	...	...	2	3	3	0	0	0	6	6600-7200	F
		Cook County	R. Miller	18	307	40	90	3,019	...	...	...	...	...	...	...	...	...
	University of Illinois Research and Educational Hospitals	A. R. Hastreiter	6	173	22	80	1,250	...	...	...	...	...	...	...	...	...	...
<b>INDIANA</b>																	
Indianapolis		Indiana University Hospitals	D. Girod	12	689	63	87	1,619	2	1	1	0	0	0	2	6100-6600	P
<b>KANSAS</b>																	
Kansas City		University of Kansas Medical Center	A. M. Diehl	9	377	39	85	1,187	2	2	2	1	0	0	5	6000-9000	P
<b>KENTUCKY</b>																	
Louisville		Children's	K. Minhas	3	209	7	86	1,604	2	1	1	0	0	0	2	6000-8000	P
<b>LOUISIANA</b>																	
New Orleans		Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Louisiana State University Division	R. E. Fowler	10	175	22	90	654	2	...	...	...	...	...	2	6000-6000	F
		Tulane University Division	J. R. Reynolds	10	200	10	90	1,100	2	...	...	...	...	...	2	6000-6000	F
<b>MARYLAND</b>																	
Baltimore		Johns Hopkins	R. D. Rowe	...	...	...	...	2,287	2	...	...	...	...	...	8	5000-...	P
<b>MASSACHUSETTS</b>																	
Boston		Children's Hospital Medical Center	A. Nadas	27	1,172	14	86	3,008	2	5	5	3	0	0	13	6000-9000	O
<b>MINNESOTA</b>																	
Minneapolis		University of Minnesota Hospitals	R. V. Lucas	...	...	...	...	...	2	4	4	0	0	0	8	6000-7000	O
Rochester		Mayo Graduate School of Medicine	J. W. Du Shane	10	450	22	96	1,924	2	2	2	0	0	0	4	5800-8000	P
		Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>MISSISSIPPI</b>																	
Jackson		University	D. G. Watson	1	45	1	0	274	2	1	1	0	0	0	1	5100-6500	O
<b>MISSOURI</b>																	
Kansas City		Children's Mercy	J. R. Sasano, Jr.	5	153	16	100	2,147	2	1	1	0	0	0	2	6000-6000	FP
		St. Louis Children's	D. Goldring	6	272	37	79	1,800	2	0	0	2	0	0	2	...-7500	O

19. PEDIATRIC CARDIOLOGY—Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Main-tenance	
				Number	Necropsy Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		Salary per Year Min.-Max.
<b>NEW YORK</b>															
<b>Buffalo</b>															
Children's Hospital of Buffalo	E. Lambert	12	572	38	98	5,314	2	0	0	0	4	0	4	5300-7500	P
<b>New Hyde Park</b>															
Long Island Jewish Hospital Training Program	N. Gootman	...	...	...	...	...	2	2	2	0	0	0	4	7500-8000	F
Long Island Jewish Queens Hospital Center (New York City)	...	...	...	...	...	...	...	...	...	...	...	...	...	6500-6810	F
<b>New York City</b>															
Albert Einstein College of Medicine Affiliated Hospitals	G. Hait	...	...	...	...	1,707	2	2	2	0	0	0	4	4980-5580	O
Bronx Municipal Hospital Center Lincoln	Inc. in Surg.	...	...	8	100	439	...	...	...	...	...	...	...	4980-5580	P
Montefiore Hospital Training Program	D. Young	...	...	...	...	...	2	1	1	0	0	0	2	9000-10000	P
Montefiore Hospital and Medical Center	...	10	202	15	90	2,777	...	...	...	...	...	...	...	...	...
Morrisania City	...	43	...	...	...	1,188	...	...	...	...	...	...	...	...	...
Mount Sinai	L. Steinfeld	12	417	27	75	2,000	2	0	0	1	1	0	2	7000-8000	P
New York Hospital-Cornell Medical Center	M. Engle	...	Inc. in Ped.	...	...	...	2	...	...	...	...	...	...	...	...
New York University - Bellevue Medical Center	E. F. Doyle	...	...	...	...	...	2	2	1	0	0	0	3	4980-5580	P
Bellevue Hospital Center University	Inc. in Ped.	...	...	...	...	...	...	...	...	...	...	...	...	7440-8680	P
Presbyterian (Babies)	S. Blumenthal	...	...	...	...	1,261	2	2	2	0	0	0	4	7000-7500	O
Queens Hospital Center - See Long Island Jewish Hosp. Training Program, New Hyde Park	...	...	...	...	...	...	2	0	0	2	2	0	4	...	...
State University - Kings County Medical Center	R. R. Torres	...	...	...	...	3,823	...	0	0	2	2	0	4	5780-6000	P
Kings County Hospital Center State University	Inc. in Ped.	1	40+	...	...	...	...	...	...	...	...	...	...	6690-8110	O
<b>Rochester</b>															
University of Rochester School of Medicine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strong Memorial Hospital of the University of Rochester	J. A. Manning	9	293	26	96	2,099	2	...	...	...	...	...	...	5500-8500	P
<b>Syracuse</b>															
S.U.N.Y. Upstate Medical Center Syracuse Memorial	G. Husson	8	500	35	100	3,640	2	0	0	2	1	0	3	6950-7400	O
<b>NORTH CAROLINA</b>															
<b>Chapel Hill</b>															
University of North Carolina School of Medicine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Carolina Memorial	H. S. Harned, Jr.	...	...	...	...	...	2	...	...	...	...	...	...	...	...
<b>Durham</b>															
Duke University Medical Center	M. Spach	...	...	...	...	1,628	2	0	4	3	0	0	7	5500-7000	P
<b>OHIO</b>															
<b>Cincinnati</b>															
University of Cincinnati Hospital Group Children's	S. Kaplan	...	...	14	79	1,145	2	0	0	3	0	0	3	...	...
<b>Cleveland</b>															
University Hospitals of Cleveland	J. Liebman	...	...	...	...	...	2	1	1	0	0	0	2	7500-7500	P
<b>Columbus</b>															
Children's	D. M. Hosier	4	299	17	11	1,467	2	0	0	1	1	0	2	6300-6900	P
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
University of Oklahoma Hospitals	H. D. Riley, Jr.	...	...	...	...	...	2	1	1	0	0	0	2	7000-...	P
<b>PENNSYLVANIA</b>															
<b>Philadelphia</b>															
Children's Hospital of Philadelphia	S. Friedman	...	...	...	...	1,028	2	2	2	0	0	0	4	5000-8000	O
St. Christopher's Hospital for Children	C. R. E. Wells	10	240	31	100	1,385	2	1	1	0	0	0	2	5800-6200	O
<b>Pittsburgh</b>															
Health Center Hospitals of the University of Pittsburgh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Children's Hospital of Pittsburgh	J. R. Zuberhuhler	...	372	25	84	2,600	2	2	1	0	0	0	3	7500-9500	O
<b>TENNESSEE</b>															
<b>Memphis</b>															
University of Tennessee Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
City of Memphis Hospitals	L. E. Ainger	6	225	36	80	1,300	2	1	0	0	0	0	1	5000-6500	F
<b>TEXAS</b>															
<b>Dallas</b>															
Children's Medical Center	G. Fashena	...	851	39	29	651	2	1	1	0	0	0	2	6000-9000	O
<b>Galveston</b>															
University of Texas Medical Branch Hospitals	C. W. Daeschner	...	...	...	...	...	2	...	...	...	...	...	...	...	...
<b>Houston</b>															
Texas Children's	D. G. Mc Namara	18	778	18	88	769	2	3	3	0	0	0	6	6000-8000	O
<b>VIRGINIA</b>															
<b>Charlottesville</b>															
University of Virginia	W. G. Thurman	...	...	...	...	...	2	...	...	...	...	...	...	6500-8000	O
<b>Richmond</b>															
Medical College of Virginia-Hospital Division	C. Mc Cue	22	503	31	74	1,200	2	1	1	0	0	0	2	5400-5400	P

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

19. PEDIATRIC CARDIOLOGY—Continued

State	City	Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970					Salary Per Year Min.-Max.	Maintenance
						Number	Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year		
WASHINGTON	Seattle	University of Washington Affiliated Hospitals	W. G. Guntheroth	1	274	8	88	415	2	2	0	0	0	4	7000-8500	P
WISCONSIN	Milwaukee	Milwaukee Children's	W. J. Gallen	2	121	35	86	1,308	2	2	0	0	0	2	7600-8400	P

20. PHYSICAL MEDICINE AND REHABILITATION

Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Board of Physical Medicine and Rehabilitation, through the Residency Review Committee for Physical Medicine and Rehabilitation, as offering three years of acceptable training in the specialty. Programs, 66; Residencies, 500

State	City	Hospital	Chief of Service or Program Director	Number of Patients Treated	Number of Treatments	Outpatient Visits	Residencies Offered 1969-1970					Salary Per Year Min.-Max.	Maintenance	
							1st Year	2nd Year	3rd Year	4th Year	5th Year			Total All Years
UNITED STATES ARMY														
CALIFORNIA		Letterman General, San Francisco	J. L. Roth	8,650	105,065	13,583	2	2	2	0	0	6	.....	...
NONFEDERAL AND VETERANS ADMINISTRATION														
ALABAMA														
Birmingham		University of Alabama Hospitals and Clinics	W.C.Fleming	3,312	43,014	1,974	2	2	2	0	0	6	4980-5880	P
		Veterans Admin.	F.Becker	1,880	11,028	468	...	...	...	...	...	...	4830-8550	O
Tuskegee		Veterans Admin.	R.D.Carr,R.S.Wilson	1,824	333,015	1,450	2	2	2	0	0	6	4610-6440	P
ARIZONA														
Phoenix		Good Samaritan	F.Fountain	45,792	80,170	21,167	2	2	2	0	0	6	7800-9000	F
CALIFORNIA														
Long Beach		Veterans Admin.	.....	3,291	123,023	11,730	4	4	4	0	0	12	8032-10564	O
Los Angeles		Los Angeles County-U.S.C. Medical Center	E. Austin	112,671	245,668	37,310	2	2	2	0	0	6	7632-8892	P
		Veterans Admin. Center, Wadsworth	K. H. Haase	5,197	268,713	9,721	4	4	4	0	0	12	8032-12873	P
Palo Alto		Stanford Medical Center and Affiliated Hospitals <sup>133</sup>	D.J. Feldman	.....	.....	.....	2	2	2	0	0	6	.....	...
		Palo Alto-Stanford Hospital Center	D.J. Feldman	1,083	2,450	445	.....	.....	.....	.....	.....	.....	6000-11000	P
		Veterans Admin.	K.E. Carlson	2,782	587,834	4,600	.....	.....	.....	.....	.....	.....	.....	...
		Crystal Springs Rehabilitation Center (San Mateo)	J. C. Montero	211	844	.....	.....	.....	.....	.....	.....	.....	.....	...
San Francisco		University of California Program	G. Bard	.....	.....	.....	2	2	2	0	0	6	.....	...
		H. C. Moffitt-University of California Hospitals	G. Bard	19,500	26,000	6,500	.....	.....	.....	.....	.....	.....	5000-8000	O
		Veterans Admin.	B. J. Doyle	948	15,694	1,132	.....	.....	.....	.....	.....	.....	4210-8230	O
		Kaiser Foundation Hospital and Rehabilitation Center (Vallejo)	S. Mead	457	92,400	3,347	.....	.....	.....	.....	.....	.....	6720-9360	O
San Mateo		Crystal Springs Rehabilitation Center - See Stanford Med Center and Affiliated Hospitals, Palo Alto	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
Vallejo		Kaiser Foundation Hospital and Medical Center - See University of California Program, San Francisco	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
COLORADO														
Denver		University of Colorado Medical Center	J. W. Gersten	8,499	44,889	44,889	3	2	2	0	0	7	5000-10000	P
CONNECTICUT														
Hartford		Hartford <sup>106</sup>	J. D. Allen	3,210	28,915	8,122	2	2	2	0	0	6	7000-8500	P
		Newington Children's (Newington)	.....	3,700	20,856	2,983	.....	.....	.....	.....	.....	.....	6600-8400	O
DISTRICT OF COLUMBIA														
Washington		Georgetown University	M. Kenrick	1,482	16,042	7,004	1	1	1	0	0	3	7000-8000	P
		Veterans Admin.	I. T. Hill	638	136,551	11,919	.....	.....	.....	.....	.....	.....	4830-.....	...
		George Washington University	A. F. Mastellone	4,820	62,796	12,178	1	0	2	0	0	3	7016-8018	P
FLORIDA														
Miami		Veterans Admin.	B. B. Sutton	2,870	50,301	13,678	1	1	1	0	0	3	4610-6440	O
GEORGIA														
Atlanta		Emory University Affiliated Hospitals	R. L. Bennett	.....	.....	.....	0	1	1	0	0	2	.....	...
		Grady Memorial	M. Peszczynski	.....	.....	7,318	.....	.....	.....	.....	.....	.....	.....	...
		Emory University	R. L. Bennett	591	7,229	3,200	.....	.....	.....	.....	.....	.....	5700-6000	P
		Veterans Admin.	G. O. Bern	981	17,684	372	.....	.....	.....	.....	.....	.....	4830-8550	P
		Georgia Warm Springs Foundation (Warm Springs)	E. D. Haak	861	66,687	2,200	.....	.....	.....	.....	.....	.....	5000-12000	P

20. PHYSICAL MEDICINE AND REHABILITATION — Continued

	Chief of Service or Program Director	Number of Patients Treated	Number of Treatments	Outpatient Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Main-tenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>GEORGIA—Continued</b>													
<b>Warm Springs</b>													
Georgia Warm Springs Foundation	E. D. Haak	861	66,687	2,200	4	4	4	0	0	12	5000-12000	P	
Grady Memorial, (Atlanta)	M. Peszczynski	...	...	7,318	...	...	...	...	...	...	...	...	
<b>ILLINOIS</b>													
<b>Chicago</b>													
Chicago Medical School Affiliated Hospitals	A. M. Rosenthal	...	...	...	3	2	2	0	0	7	...	...	
Mount Sinai Hospital Medical Center of Chicago	...	9,549	13,803	1,780	...	...	...	...	...	...	5000-10000	P	
Charles H. and Rachel M. Schwab Rehabilitation	...	468	67,942	1,885	...	...	...	...	...	...	6000-10000	P	
Northwestern University Medical Center	A. A. Khalili	...	...	...	...	...	...	...	...	...	...	...	
Rehabilitation Institute of Chicago	A. A. Khalili	609	25,229	11,342	2	2	2	0	0	6	5000-12000	P	
Veterans Admin. Research	B. Fernandez	1,112	34,519	4,906	2	2	2	0	0	6	6400-8550	O	
University of Illinois Affiliated Hospitals	E.E. Gordon	...	...	...	2	1	1	0	0	4	...	...	
Michael Reese Hospital and Medical Center	...	3,599	42,282	5,499	...	...	...	...	...	...	5800-8400	P	
University of Illinois Research and Educational Hospitals	...	2,194	33,396	23,235	...	...	...	...	...	...	5400-6200	P	
Veterans Admin. (West Side) <sup>106</sup>	R. Wasserman	2,089	83,567	5,907	2	2	2	0	0	6	6400-13957	O	
<b>Hines</b>													
Veterans Admin.	W. T. Liberson	4,640	356,796	2,109	3	2	2	1	0	8	6400-7600	O	
<b>Peoria</b>													
Institute of Physical Medicine and Rehabilitation <sup>34</sup>	R. O. Mc Morris	44,731	80,806	15,573	3	3	3	0	0	3	...	P	
<b>KANSAS</b>													
<b>Kansas City</b>													
University of Kansas Medical Center	D. Rose	10,875	25,141	2,865	2	1	1	0	0	4	6500-10700	P	
Veterans Admin. (Kansas City, Mo.)	R. R. Beatty	2,418	58,321	284	...	...	...	...	...	...	4830-6750	O	
<b>KENTUCKY</b>													
<b>Louisville</b>													
University of Louisville Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	
Rehabilitation Center	R. P. Smith	537	28,337	8,021	2	2	2	0	0	2	5000-5000	O	
<b>MARYLAND</b>													
<b>Baltimore</b>													
University of Maryland	P. Richardson	1,338	28,704	10,146	2	2	2	0	0	6	5100-9000	P	
<b>MASSACHUSETTS</b>													
<b>Boston</b>													
New England Medical Center Hospitals (Rehabilitation Institute)	C. V. Granger	322	19,837	7,906	2	2	1	0	0	5	6600-9000	O	
University	M. Freed	1,789	29,903	6,161	2	2	1	0	0	5	6600-8100	O	
Veterans Admin. (Jamaica Plain)	F. Friedland	3,442	0	1,800	2	2	2	0	0	6	6600-13507	O	
<b>MICHIGAN</b>													
<b>Ann Arbor</b>													
University	J. W. Rae	...	59,943	7,815	3	3	2	1	1	10	5000-6000	O	
<b>Detroit</b>													
Rehabilitation Institute	H. O. Ingberg	3,370	...	35,475	2	2	2	0	0	6	5000-9000	O	
<b>MINNESOTA</b>													
<b>Minneapolis</b>													
University of Minnesota Affiliated Hospitals	F. J. Kottke	...	...	...	...	...	...	...	...	12	5500-9000	P	
University of Minnesota Hospitals	F. J. Kottke	5,220	166,309	11,507	...	...	...	...	...	...	...	...	
Kenny Rehabilitation Institute	R. Hallin	503	163,979	2,817	...	...	...	...	...	...	...	O	
Veterans Admin.	B. S. Troedsson	4,488	134,441	2,770	...	...	...	...	...	...	5000-13507	O	
<b>Rochester</b>													
Mayo Graduate School of Medicine	G. M. Martin	14,759	105,135	38,439	4	4	4	0	0	12	5400-10000	P	
Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	
<b>MISSOURI</b>													
<b>Columbia</b>													
University of Missouri Medical Center	L.E. Wolcott	12,949	53,944	6,308	2	2	2	0	0	6	5000-6000	P	
<b>Kansas City</b>													
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas	...	...	...	...	...	...	...	...	...	...	...	...	
<b>NEW JERSEY</b>													
<b>East Orange</b>													
Veterans Admin.	C. R. Brooke	3,063	107,326	1,469	2	2	2	0	0	6	6800-13507	P	
<b>NEW YORK</b>													
<b>Albany</b>													
Albany Medical Center	B. J. Paul	1,375	26,000	250	1	1	1	0	0	3	6600-11600	P	
<b>New York City</b>													
Albert Einstein College of Medicine Affiliated Hospitals	A. S. Abramson	...	...	...	5	5	5	0	0	15	...	...	
Bronx Municipal Hospital Center	...	4,581	184,609	5,088	...	...	...	...	...	...	4980-5780	F	
Hospital of the Albert Einstein College of Medicine	...	1,055	24,790	6,524	...	...	...	...	...	...	4980-9760	F	
Lincoln	...	11,994	14,814	7,221	...	...	...	...	...	...	4980-5780	P	
Kingsbrook Jewish Medical Center	B. Sandler	1,192	89,327	5,300	2	2	2	0	0	6	6500-8500	F	
Montefiore Hospital Training Program	...	...	...	...	3	3	3	1	0	10	6120-7880	P	
Montefiore Hospital and Medical Center	...	3,482	56,389	25,344	...	...	...	...	...	...	...	...	
Morrisania City	...	3,635	22,939	1,984	...	...	...	...	...	...	...	...	
Mount Sinai Hospital Training Program	...	...	...	...	5	5	5	0	0	15	...	...	
Mount Sinai	L. E. Wisham	17,076	28,386	6,200	...	...	...	...	...	...	7500-8500	P	
City Hospital Center at Elmhurst	L. Kaplan	6,444	95,717	27,681	...	...	...	...	...	...	7800-9300	F	
<b>New York Medical College-Metropolitan Hospital</b>													
Center	M. Lowenthal	...	...	...	6	5	4	4	0	19	7000-10000	F	
Unit 1 - Flower and Fifth Avenue Hospitals	...	16	8,705	326	...	...	...	...	...	...	...	...	
Unit 2-Metropolitan	...	153	53,739	8,148	...	...	...	...	...	...	...	...	
Unit 3 - Bird S. Coler Memorial Hospital and Home	...	95	81,752	0	...	...	...	...	...	...	...	...	

## 20. PHYSICAL MEDICINE AND REHABILITATION—Continued

	Chief of Service or Program Director	Number of Patients Treated	Number of Treatments	Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK, New York City—Continued</b>												
New York University - Bellevue Medical Center <sup>60</sup> .....	H. A. Rusk .....	...	...	...	...	...	...	...	...	40:	.....	
University(Institute of Physical Medicine and Rehabilitation) .....	H. A. Rusk .....	3,076	195,117	22,540	...	...	...	...	...	...	7440-8680	P
Bellevue Hospital Center .....	H. A. Rusk .....	36,779	112,954	9,732	...	...	...	...	...	...	4980-5780	P
Goldwater Memorial .....	M. M. Dacso .....	6,051	101,227	168	...	...	...	...	...	...	6420-8460	P
St. Vincent's Hospital and Medical Center of New York .....	S. S. Sverdlik .....	6,306	23,335	6,285	...	...	...	...	...	...	.....	
Grasslands (Valhalla) .....	E. Moskowitz .....	1,003	48,706	2,503	...	...	...	...	...	...	9256-10010	P
Presbyterian .....	R. Darling .....	5,978	72,612	17,748	3	2	2	0	0	7	6000-	O
Blythedale Children's (Valhalla) .....	R. C. Darling .....	163	32,422	...	...	...	...	...	...	...	.....	
New York State Rehabilitation, (West Haverstraw) .....	M. Hoberman .....	625	161,493	...	...	...	...	...	...	...	6500-7500	P
State University - Kings County Medical Center .....	J. G. Benton .....	...	...	...	5	7	3	5	0	20:	.....	
Kings County Hospital Center .....	...	4,060	142,434	21,407	...	...	...	...	...	...	4980-6000	P
State University .....	...	1,992	...	1,375	...	...	...	...	...	...	6690-8110	O
Veterans Admin. (Bronx) .....	H. Elis .....	3,962	257,914	5,224	4	2	1	0	0	7	7090-13507	O
Veterans Admin. (Manhattan) .....	E. L. Kristeller .....	3,480	270,226	3,327	2	2	2	0	0	6	7090-13507	O
<b>Valhalla</b>												
Blythedale Children's - See Presbyterian, New York City												
Grasslands - See New York Univ.-Bellevue Med. Ctr., New York City												
<b>West Haverstraw</b>												
New York State Rehabilitation - See Presbyterian, New York City												
<b>OHIO</b>												
<b>Cleveland</b>												
Cleveland Clinic .....	K. Olsen .....	7,141	28,973	15,457	1	1	1	0	0	3	5400-6200	P
Western Reserve University Affiliated Hospitals .....	C. Long, 2D .....	...	...	...	3	3	3	1	1	11	.....	
Cleveland Metropolitan General .....	N. Coyne .....	2,530	118,454	14,404	...	...	...	...	...	...	5800-10000	P
Highland View .....	C. Long, 2D .....	8,428	134,048	2,600	...	...	...	...	...	...	5000-12000	P
Ohio State University Hospitals .....	E. Johnson .....	3,039	53,317	7,806	3	3	3	0	0	9	5000-6000	P
<b>OREGON</b>												
<b>Portland</b>												
Veterans Admin. .....	E. W. Fowls .....	7,564	248,255	2,469	2	2	2	0	0	6	8961-12873	P
<b>PENNSYLVANIA</b>												
<b>Philadelphia</b>												
Hospital of the University of Pennsylvania .....	W. J. Erdman .....	36,400	36,400	2,436	3	3	3	0	0	9	5000-10000	O
Magee Memorial Hospital-Rehabilitation Center .....	F. Parry .....	398	51,144	4,723	3	0	0	0	0	3	5000-10000	O
Philadelphia General .....	J. M. Mennell .....	3,160	68,315	23,700	1	1	1	0	0	3	7707-8597	O
Temple University Affiliated Hospitals .....	L. D. Policoff .....	...	...	...	3	3	3	0	0	9	5000-10000	P
Albert Einstein Medical Center .....	...	12,079	70,685	10,631	...	...	...	...	...	...	.....	
Moss Rehabilitation .....	...	983	47,478	7,196	...	...	...	...	...	...	.....	
Veterans Admin. .....	D. D. Glass .....	2,195	26,869	773	1	1	1	0	0	3	4830-13507	O
<b>Pittsburgh</b>												
St. Francis General .....	T. C. Hohmann .....	3,132	83,213	7,293	2	2	2	0	0	6	8400-8400	P
Veterans Admin. .....	R. Blanchard .....	1,882	57,835	1,190	1	1	1	0	0	3	5500-6750	O
<b>PUERTO RICO</b>												
<b>San Juan</b>												
University District .....	C. Armstrong-Ressy .....	1,579	28,013	20,378	2	2	2	0	0	6	5700-10950	F
Veterans Admin. Center <sup>168</sup> .....	H. Flax .....	1,020	36,149	7,023	3	2	2	0	0	7	5985-7875	O
<b>TEXAS</b>												
<b>Dallas</b>												
Baylor University Medical Center .....	E. M. Krusen .....	55,078	124,682	74,809	1	2	1	0	0	4	6600-11960	O
Parkland Memorial .....	...	...	...	...	...	...	...	...	...	...	.....	
<b>Houston</b>												
Baylor University Affiliated Hospitals .....	L. A. Leavitt .....	...	...	...	4	4	4	0	0	12	5100-9000	O
Ben Taub General .....	...	454	9,264	5,238	...	...	...	...	...	...	.....	
Methodist .....	...	8,876	36,669	11,211	...	...	...	...	...	...	5100-5700	
Texas Institute for Rehabilitation and Research .....	...	1,562	24,155	4,661	...	...	...	...	...	...	.....	
Veterans Admin. .....	...	3,189	234,521	533	...	...	...	...	...	...	.....	
<b>VERMONT</b>												
<b>Burlington</b>												
Vermont Rehabilitation Center .....	H. E. Gillette .....	8,789	23,371	3,868	2	2	2	0	0	6	5600-7000	O
<b>VIRGINIA</b>												
<b>Richmond</b>												
Medical College of Virginia-Hospital Division .....	A. R. Dawson .....	6,108	151,978	6,522	2	2	2	0	0	6	4800-5400	P
Veterans Admin. .....	C. W. La Fratta .....	3,602	276,061	1,962	1	1	1	0	0	3	4830-13507	P
<b>WASHINGTON</b>												
<b>Seattle</b>												
University of Washington Affiliated Hospitals <sup>214</sup> .....	J. F. Lehmann .....	...	...	...	5	5	4	1	0	15	.....	
King County .....	J. Whitmore .....	626	12,844	200	...	...	...	...	...	...	.....	
University .....	J. F. Lehmann .....	1,753	68,313	12,434	...	...	...	...	...	...	5000-12000	P
Veterans Admin. .....	J. F. Lehmann .....	21,000	...	12	...	...	...	...	...	...	5500-8460	
<b>WISCONSIN</b>												
<b>Milwaukee</b>												
Marquette University Affiliated Hospitals .....	R. W. Boyle .....	...	...	...	2	2	2	0	0	6	.....	
Milwaukee County General .....	R. W. Boyle .....	3,181	55,514	5,953	...	...	...	...	...	...	.....	
Veterans Admin. Center (Wood) .....	D. Mattarella .....	2,410	298,869	5,179	...	...	...	...	...	...	7200-10600	P

21. PLASTIC SURGERY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Plastic Surgery and the American College of Surgeons, through the Residency Review Committee for Plastic Surgery, as offering acceptable training in the specialty. Programs, 69; Residencies, 245

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths				Residencies Offered 1969-1970						Salary Per Year (Min.-Max.)	Maintenance	
			Number	Necropsy Per cent	Outpatient Visits	Length of Approved Program (Years)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years			
<b>UNITED STATES ARMY</b>															
<b>DISTRICT OF COLUMBIA</b>															
Walter Reed General, Washington	W.T.Tumbusch	39	487	0	0	1,752	2	2	2	0	0	0	4	.....	...
<b>UNITED STATES NAVY</b>															
<b>MARYLAND</b>															
U. S. Naval, Bethesda	W. D. Latham	40	468	0	0	4,236	2	1	1	0	0	0	2	.....	...
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>															
<b>ARIZONA</b>															
<b>Phoenix</b>															
Crippled Children's - See University of California Program, San Francisco															
<b>CALIFORNIA</b>															
<b>Los Angeles</b>															
U. C. L. A. Affiliated Hospitals	F. L. Ashley	4	329	0	0	1,947	3	2	1	1	0	0	4	7400-8600	O
U. C. L. A. Veterans Admin. Center-Wadsworth	F. A. Ashley	14	239	...	...	38	...	...	...	...	...	...	...	9928-10564	P
Huntington Memorial (Pasadena)	G. Webster	3	286	0	0	3,289	...	...	...	...	...	...	...	8700-8700	FP
<b>Palo Alto</b>															
Stanford Medical Center and Affiliated Hospitals	R.A. Chase	14	760†	4	50	4,700	2	3	2	0	0	0	5	5700-8000	P
Palo Alto-Stanford Hospital Center Veterans Admin.		2	34	...	...	237	...	...	...	...	...	...	...	.....	...
<b>Pasadena</b>															
Huntington Memorial - See U. C. L. A. Affiliated Hospitals, Los Angeles															
<b>San Francisco</b>															
St. Francis Memorial	V. R. Pennisi	10	677†	6	83	8,153	3	2	2	2	0	0	6	4800-6000	P
University of California Program	H. M. Blackfield	...	...	...	...	...	2	0	0	0	2	2	4	.....	...
H. C. Moffitt-University of California Hospitals	H. M. Blackfield	5	239	0	0	1,046	...	...	...	...	...	...	...	6500-7200	O
Franklin	W. Morris	5	407	3	66	...	...	...	...	...	...	...	...	5196-7200	P
San Francisco General	J. Owsley	7	195	...	...	585	...	...	...	...	...	...	...	7116-10048	P
Veterans Admin.	J. Owsley	11	84	0	0	280	...	...	...	...	...	...	...	4210-8230	O
Crippled Children's (Phoenix, Ariz.)	R.A.Peterson	10	222	4	100	1,437	...	...	...	...	...	...	...	6900-6900	P
<b>DELAWARE</b>															
<b>Wilmington</b>															
Wilmington Medical Center	J. Metzger	16	512	1	100	843	2	1	0	0	0	0	1	6000-7200	P
Alfred I. Dupont Institute of the Nemours Foundation		8	104	0	0	345	...	...	...	...	...	...	...	.....	...
Delaware Division		...	...	...	...	...	...	...	...	...	...	...	...	.....	...
Wilmington General Division		...	...	...	...	...	...	...	...	...	...	...	...	.....	...
<b>DISTRICT OF COLUMBIA</b>															
<b>Washington</b>															
George Washington University	G. S. Letterman	18	510	0	0	1,800	2	1	1	0	0	0	2	7016-7517	P
<b>FLORIDA</b>															
<b>Gainesville</b>															
William A. Shands Teaching Hosp. and Clinics	M. J. Jurkiewicz	19	572	15	67	5,472	2	1	1	0	0	0	2	4500-8500	O
<b>Jacksonville</b>															
Jacksonville Hospitals Educational Program	B. L. Morgan	...	...	...	...	...	2	2	1	0	0	0	3	.....	...
Duval Medical Center		5	263	0	0	2,024	...	...	...	...	...	...	...	9000-9000	P
St. Vincent's		4	242	0	0	500	...	...	...	...	...	...	...	6600-7200	P
<b>Miami</b>															
University of Miami Affiliated Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	.....	...
Jackson Memorial	D. R. Millard	23	1,157	4	25	1,232	2	1	1	0	0	0	2	7280-7683	P
<b>Orlando</b>															
Orange Memorial	J. O'Malley	8	1,129	0	0	5,500	2	1	1	0	0	0	2	7200-7500	P
<b>ILLINOIS</b>															
<b>Chicago</b>															
Northwestern University Medical Center-Cook County	O. H. Stuteville	24	479	17	33	2,487	3	3	3	3	0	0	9	5400-7800	F
Cook County		6	244	3	33	2,080	...	...	...	...	...	...	...	6000-7500	P
Passavant Memorial		...	...	...	...	...	...	...	...	...	...	...	...	6400-8550	O
Veterans Admin. Research	Inc. in Surg.	...	...	...	...	...	...	...	...	...	...	...	...	.....	...
University of Illinois Affiliated Hospitals	J. W. Curtin	13	553	0	0	335	2	1	1	0	0	0	2	7500-8000	P
Presbyterian-St. Luke's	P.W.Greeley	...	...	...	...	...	...	...	...	...	...	...	...	.....	...
University of Illinois Research and Educational Hospitals	J. W. Curtin	8	307	0	0	2,773	...	...	...	...	...	...	...	5700-6600	P
<b>Evanston</b>															
St. Francis - See Veterans Admin., Hines															
<b>Hines</b>															
Veterans Admin.	W. B. Slaughter	17	374	6	50	633	2	1	1	0	0	0	2	7600-8230	O
St. Francis (Evanston)		7	543	0	0	2,580	...	...	...	...	...	...	...	6780-7020	FP
<b>INDIANA</b>															
<b>Indianapolis</b>															
Indiana University Medical Center	J.E.Bennett	24	625	13	31	1,974	2	2	2	0	0	0	4	6600-7100	P
Indiana University Hospitals		25	106	10	2	1,218	...	...	...	...	...	...	...	8000-...	...
Marion County General		13	171	0	0	487	...	...	...	...	...	...	...	4830-8550	O
Veterans Admin.		...	...	...	...	...	...	...	...	...	...	...	...	.....	...



21. PLASTIC SURGERY—Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK</b>															
<b>Albany</b>															
Albany Medical Center	W. B. Macomber	24	723	6	67	203	2	2	2	0	0	4	6500-7500	O	
Child's Memorial		5	293	0	0								6600		
St. Peter's		11	506	0	0	539							6500-7500	O	
Veterans Admin.		61	80	8	63	481							4830-5730	O	
<b>Buffalo</b>															
Roswell Park Memorial Institute <sup>10</sup>	V. Y. Bakamjian	26	373	27	90	2,518		0	4	0	0	4	5020-6214	O	
<b>East Meadow</b>															
Meadowbrook	L. Rubin	13	267	12	0	1,257	2	1	1	0	0	2	8016-8016	F	
<b>New York City</b>															
Montefiore Hospital Training Program	M. Lewin						2	2	2	0	0	4	7660-7880	P	
Montefiore Hospital and Medical Center		15	475	2	20	899									
Morrisania City	Inc. in Surg.					1,461									
Mount Sinai	B. E. Simon	13	386	0	0	1,000	3	0	0	0	1	2	8000-8750	P	
Beth Israel	S. Kahn	10	526	0	0	536							7650-8750	F	
Bronx Municipal Hospital Center <sup>22</sup>	A. J. Barsky	10	247	0	0	1,016							4980-5580	F	
New York Hospital-Cornell Medical Center	H. Conway	25	610	3	100	1,918	2	0	0	0	1	2	6000-8000	P	
Veterans Admin. (Bronx)		18	339	2		455							8110-8550	O	
New York University - Bellevue Medical Center	J. M. Converse						2	4	4	0	0	8			
Bellevue Hospital Center		12	151	0	0	743							4980-5580	P	
Manhattan Eye, Ear and Throat University		15	801	0	0	1,662									
Veterans Admin. (Manhattan)		21	1,000	0	0	1,028							8660-9080	P	
Presbyterian	G. Crikelair	6	34	3	0								8550-8550	O	
St. Luke's Hospital Center	Inc. in Surg.	11	691	0	0	3,528	2	3	3	0	0	6	7500-8000	O	
State University - Kings County Medical Center	H. A. Zintel					1,100	2	0	0	0	1	0	1	7500-8000	P
Kings County Hospital Center	B. E. Bromberg	42	924	31	12	4,522		0	0	0	1	1	6†		
State University			544			10							6000-6400	P	
													6690-8110	O	
<b>Rochester</b>															
Strong Memorial Hospital of the University of Rochester <sup>21B</sup>	R. M. Mc Cormack	13	546	2	50	665	2	0	0	0	2	2	4	5500-8500	P
<b>Syracuse</b>															
S.U.N.Y. Upstate Medical Center	D.B.Stark	20	535	5	55	1,352	2	0	0	0	1	1	2	7800-8100	O
Veterans Admin.		8	134	1	100	424							5050-8550	O	
<b>NORTH CAROLINA</b>															
<b>Chapel Hill</b>															
North Carolina Memorial	E. E. Peacock	20	738	16	12	4,020	2	2	1	0	0	3	5000-12000	O	
<b>Durham</b>															
Duke University Affiliated Hospitals	K. L. Pickrell						3	2	2	2	0	0	6		
Duke University Medical Center		29	1,248	13	38	2,442							5500-7000	P	
Veterans Admin.		21	277	4									4610-8230	O	
<b>OHIO</b>															
<b>Cincinnati</b>															
Christ	J. Longacre	16	489†	3	34	218	2	1	1	0	0	2	6600-6600	F	
<b>Cleveland</b>															
Cleveland Clinic	R. Anderson	17	866	2	50	8,748	2	1	1	0	0	2	7400-8000	P	
University Hospitals of Cleveland	C. H. Kiehn	19	614	6	33	661	2	1	1	0	0	2	7500-8000	P	
Veterans Admin.		15	199	3	33	314							7550-8350	P	
<b>Columbus</b>															
Ohio State University Affiliated Hospitals	R. Berggren						2	1	1	0	0	2			
Ohio State University Hospitals		12	525	6	100	664							6900-7800	P	
Children's		5	272			340									
<b>Toledo</b>															
St. Vincent Hospital and Medical Center	J. C. Kelleher	4	283	5	40		2	2	2	0	0	4	7500-7800	P	
<b>PENNSYLVANIA</b>															
<b>Allentown</b>															
Allentown	K. M. Marcks	20	804†	2	50	2,165	2	1	1	0	0	2	8000-8300	P	
<b>Philadelphia</b>															
Hospital of the University of Pennsylvania	H. P. Royster	19	704	7	29	706	2	2	3	0	0	5	5000-7000	O	
Graduate Hospital of the University of Pennsylvania		4	115	0	0	265									
Pennsylvania	H. Lipshutz	6	292	6	50	200	2	1	1	0	0	2	6200-6200	O	
Temple University	L. M. Cramer	14	700	0	0	95	2	1	1	0	0	2	5000-6200	P	
<b>Pittsburgh</b>															
Allegheny General Hospital-Western Pennsylvania	J. C. Gaisford						2	1	1	0	0	2			
Allegheny General		22	974†	4	50	173							7800-8400	P	
Western Pennsylvania		7	351†	2	50	23							6600-6600	P	
Health Center Hospitals of the University of Pittsburgh	W. L. White						2	0	0	0	3	3	6		
Children's Hospital of Pittsburgh		10	512	3	67	658							7500-7800	O	
Presbyterian-University		20	838	3	33	506							6000-8000	O	
Veterans Admin.		10	270	10	10	874							5500-6750	O	
<b>RHODE ISLAND</b>															
<b>Providence</b>															
Rhode Island	R. P. Sexton	8	645	2	50	673	2	1	1	0	0	2	9000-1000	P	

21. PLASTIC SURGERY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Length of Approved Program (Years)	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O	
			Number	Per cent	Outpatient Visits		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>SOUTH CAROLINA</b>															
<b>Charleston</b>															
Medical Center Hospitals	J. S. Harvin	...	...	...	...	2	1	1	0	0	0	2	6000-7800	O	
Medical College	J. S. Harvin	2	82	2	50	...	...	...	...	...	...	...	6000-7800	O	
Charleston County	J. S. Harvin	4	1	0	0	...	...	...	...	...	...	...	...	...	
St. Francis Xavier	R. F. Hagerty	8	416	0	0	300	...	...	...	...	...	...	...	...	
Veterans Admin.	J. S. Harvin	6	44	2	0	42	...	...	...	...	...	...	7430-8550	O	
<b>TENNESSEE</b>															
<b>Chattanooga</b>															
Baroness Erlanger	J. W. Davis	19	897	5	40	...	2	1	1	0	0	0	2	7500-7800	F
<b>Memphis</b>															
City of Memphis Hospitals	A. P. Jerome	8	324	1	0	1,200	2	1	1	0	0	0	2	5016-6468	...
<b>TEXAS</b>															
<b>Galveston</b>															
University of Texas Medical Branch Hospitals	S. R. Lewis	56	1,320	34	79	2,067	3	3	3	3	0	0	9	7500-9500	P
<b>Houston</b>															
Baylor University Affiliated Hospitals	S. B. Hardy	...	...	...	...	...	3	3	3	3	0	0	9	6715-7575	P
Ben Taub General	...	17	340	12	17	3,365	...	...	...	...	...	...	...	...	...
Methodist	...	11	726	3	67	...	...	...	...	...	...	...	...	...	...
Texas Children's	...	1	53	0	0	...	...	...	...	...	...	...	...	...	...
Veterans Admin.	...	14	312	3	100	1,590	...	...	...	...	...	...	...	...	...
<b>San Antonio</b>															
Univ of Texas Medical School at San Antonio Teaching Hospitals	J. B. Aust	...	...	...	...	...	2	2	1	0	0	0	3	...	...
Robert B. Green Memorial	J. B. Aust	44	2,190	0	0	299	...	...	...	...	...	...	...	6900-8700	O
Santa Rosa Medical Center	W. Schlattner	17	601	2	50	1,676	...	...	...	...	...	...	...	5100-6900	F
<b>UTAH</b>															
<b>Salt Lake City</b>															
University of Utah Affiliated Hospitals	T. R. Broadbent C. C. Snyder	...	...	...	...	...	2	2	2	0	0	0	4	...	...
Later-Day Saints	T. R. Broadbent	17	884	3	100	364	...	...	...	...	...	...	...	6900-7500	P
Primary Children's	T. R. Broadbent	6	383	2	100	202	...	...	...	...	...	...	...	6600-8230	P
University	C. C. Snyder	4	...	...	...	500	...	...	...	...	...	...	...	6600-8230	P
Veterans Admin.	C. C. Snyder	...	...	...	...	...	...	...	...	...	...	...	...	8550-8550	O
<b>VIRGINIA</b>															
<b>Norfolk</b>															
Norfolk General	C. Horton	16	957	8	25	986	2	1	1	0	0	0	2	7500-7800	P
<b>WISCONSIN</b>															
<b>Madison</b>															
University Hospitals	F. Bernard	17	562	2	50	1,492	2	0	0	0	2	2	4	7150-8200	P
<b>Milwaukee</b>															
Marquette University Affiliated Hospitals	W. H. Frackelton	...	...	...	...	...	2	1	1	0	0	0	2	...	...
Milwaukee County General	S. K. Wynn	10	283	0	...	1,031	...	...	...	...	...	...	...	9020-10600	P
Milwaukee Children's	S. K. Wynn	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin. Center (Wood)	W. H. Frackelton	12	233	4	50	851	...	...	...	...	...	...	...	7200-10600	P

22. PREVENTIVE MEDICINE  
AEROSPACE MEDICINE

The following programs in Aerospace Medicine have been approved by the Council on Medical Education and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine, as offering acceptable training in the specialty.

School	Location	Director	Length of Approved Program (Years)	Beginning Salary (Year)
<b>UNITED STATES AIR FORCE</b>				
U. S. Air Force School of Aerospace Medicine	Brooks Air Force Base, Texas	G. E. Schafer	3	...
Other Federal affiliated training sites for the third year are: U. S. Army Aviation Center, Fort Rucker, Alabama; Civil Aeromedical Research Institute, Federal Aviation Agency, Oklahoma City, Oklahoma; National Aeronautics and Space Administration Manned Spacecraft Center, Houston, Texas; and several other U.S.A.F. medical facilities.				
			*For information regarding program write to: Headquarters, USAF Office of the Surg. Gen. (AFMSMC) Randolph AFB, Texas 78148 *Program open only to members of the armed forces and employees of the federal government. Medical officers of the U. S. Army interested in this residency should write to the Director of Personnel and Training, Office of the Surgeon General, Department of the Army, Washington, D.C. 20315. Employees of the Federal Aviation Agency interested in this residency should address the Civil Air Surgeon, Federal Aviation Agency, Washington, D.C. 20553. National Aeronautics and Space Administration (NASA) physicians should address Director of Center Medical Programs, NASA Manned Spacecraft Center, 2101 Webster-Seabrook Road, Houston, Texas 77058	
<b>UNITED STATES NAVY</b>				
U. S. Naval Aerospace Medical Institute, U. S. Naval Aviation Medical Center	Pensacola, Florida	M. G. Webb	2	...
			*For information regarding program write to: Chief, Bureau of Medicine & Surgery (Code 5) Department of the Navy Washington, D.C. 20390	
<b>NONFEDERAL</b>				
Ohio State University Medical Center	Columbus, Ohio	H. V. Ellingson	3	5,200
			*For information regarding program write to: H. V. Ellingson, M.D., Prof. and Chairman, Dept. of Preventive Medicine, 410 W. 10th Avenue, Columbus, Ohio 43210	
University of Oklahoma Medical Center	Oklahoma City, Okla.	J. R. Dille	3	...
			*For information on program, write to: J. R. Dille, M.D., Director of Training for Aerospace Medicine, University of Oklahoma Medical Center, 800 N.E. 13th St., Oklahoma City, Okla. 73104	

Numerical and other references are listed on pages 279 through 282.

22. PREVENTIVE MEDICINE - Continued

GENERAL PREVENTIVE MEDICINE

The following institutions and agencies have been approved by the Council on Medical Education and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine, for THREE years of training in General Preventive Medicine.

Institution or Agency	Physician in Charge	Areas of Training
<b>UNITED STATES ARMY</b>		
<b>DISTRICT OF COLUMBIA</b>		
Washington Walter Reed Army Institute of Research <sup>23</sup> .....	S. Vivano.....	Military Preventive Medicine
<b>NONFEDERAL</b>		
<b>CALIFORNIA</b>		
Berkeley University of California School of Public Health Division of Epidemiology.....	R. A. Stallones.....	Epidemiology
Los Angeles University of California School of Medicine and School of Public Health.....	J. M. Chapman M. I. Roemer.....	Epidemiology Medical Care Administration
<b>HAWAII</b>		
Honolulu University of Hawaii School of Public Health.....	R. M. Worth.....	Epidemiology International Health
<b>KENTUCKY</b>		
Lexington University of Kentucky College of Medicine, Department of Community Medicine.....	M. J. McNamara.....	Community Medicine
<b>KANSAS</b>		
Kansas City University of Kansas School of Medicine, Department of Community Medicine and Public Health.....	C. E. Lewis.....	Community Medicine
<b>LOUISIANA</b>		
New Orleans Tulane University School of Medicine.....	P. R. Beckjord.....	International Health, Nutrition Maternal and Child Health, Epidemiology
<b>MARYLAND</b>		
Baltimore Johns Hopkins University School of Hygiene and Public Health.....	J. C. Hume.....	Chronic Diseases, Clinical Preventive Medicine, Epidemiology, International Health, Maternal and Child Health, Medical Care Administration
University of Maryland School of Medicine.....	G. Entwisle.....	Epidemiology
<b>MASSACHUSETTS</b>		
Boston Harvard University School of Public Health.....	B. MacMahon R. H. Daggy A. S. Yerby.....	Epidemiology International Health Health Services Administration
University of Missouri School of Medicine, Department of Community Health and Medical Practice.....	H. M. Parrish.....	Community Medicine
<b>MISSOURI</b>		
Columbia University of Missouri School of Medicine, Department of Community Health and Medical Practice.....	H. M. Parrish.....	Community Medicine
<b>NEW YORK</b>		
Albany State of New York Department of Health <sup>65</sup> .....	F. B. Amos.....	Epidemiology
<b>NORTH CAROLINA</b>		
Chapel Hill University of North Carolina School of Medicine and Public Health.....	W. P. Richardson, H. A. Tyroler.....	Epidemiology
<b>OKLAHOMA</b>		
Oklahoma City University of Oklahoma School of Medicine, Department of Preventive Medicine and Public Health.....	W. W. Schottstaedt.....	Clinical Preventive Medicine
<b>PENNSYLVANIA</b>		
Philadelphia Jefferson Medical College and Hospitals.....	E. H. Hinman.....	Epidemiology
<b>WASHINGTON</b>		
Seattle University of Washington School of Medicine, Department of Preventive Medicine.....	J. P. Fox.....	Epidemiology

OCCUPATIONAL MEDICINE (Academic)

The following educational institutions have been approved by the Council on Medical Education and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine, for TWO years of training in Occupational Medicine. The academic portion of these residencies will be given in the institutions listed. The in-plant training is being arranged, and a separate listing of such programs is published in this issue immediately following the list of institutions giving the academic portion.

Institution or Agency	Physician in Charge	Residencies Offered 1969-1970		
		1st Year	2nd Year	Total All Years
<b>CALIFORNIA</b>				
Los Angeles University of California School of Public Health.....	J. S. Felton.....	8	8	16
<b>MASSACHUSETTS</b>				
Boston Harvard University School of Public Health.....	J. L. Whittenberger.....	4	4	8
<b>MICHIGAN</b>				
Ann Arbor University of Michigan Institute of Industrial Health.....	H. J. Magnuson.....	4	4	8
<b>NEW YORK</b>				
Rochester University of Rochester School of Medicine and Dentistry.....	T. S. Ely.....	4	4	8
<b>OHIO</b>				
Cincinnati University of Cincinnati Institute of Environmental Health, Kettering Laboratory.....	L. B. Tepper, E. P. Radford.....	8	8	16
Columbus Ohio State University College of Medicine, Department of Preventive Medicine.....	J. H. Schulte.....	3	3	6

22. PREVENTIVE MEDICINE—Continued  
 OCCUPATIONAL MEDICINE (Academic)—Continued

	Physician in Charge	Residencies Offered 1969-1970		
		1st Year	2nd Year	Total All Years
<b>OKLAHOMA</b>				
Oklahoma City University of Oklahoma Medical Center, Institute of Environmental Health	C. A. Nau	2	2	4
<b>PENNSYLVANIA</b>				
Pittsburgh University of Pittsburgh, Graduate School of Public Health	D. Minard	4	4	8

OCCUPATIONAL MEDICINE (In-Plant)

The following plants and agencies have been approved by the Council on Medical Education and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine, for ONE year of training to cover the requirement for in-plant training as the third year of a residency in Occupational Medicine. For further detailed information concerning a program, it is suggested that the applicant write to the physician in charge of the particular program concerned.

	Physician In Charge	Residencies Offered 1969-1970	
		Total All Years	
<b>UNITED STATES AIR FORCE</b>			
OHIO Headquarters, Air Force Logistics Command, Wright-Patterson Air Force Base, Dayton	J. A. Peterson		2
<b>UNITED STATES ARMY</b>			
MARYLAND U. S. Army Environmental Hygiene Agency, Edgewood Arsenal	I. H. Simmons		2
<b>UNITED STATES ATOMIC ENERGY COMMISSION</b>			
IDAHO U. S. Atomic Energy Commission, Idaho Operations Office, Idaho Falls	G. L. Voelz		1
<b>UNITED STATES NAVY</b>			
VIRGINIA Norfolk Naval Shipyard, Portsmouth	G. D. Hutchinson		2
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>			
OHIO Cincinnati U.S. Public Health Service, National Center for Urban and Industrial Health, Cincinnati	M. M. Key		1
<b>UNITED STATES TENNESSEE VALLEY AUTHORITY</b>			
TENNESSEE Tennessee Valley Authority Division of Health and Safety, Chattanooga	J. L. Craig		1
<b>NONFEDERAL</b>			
CALIFORNIA Fontana Kaiser Steel Corporation	H. A. Lewis		1
DELAWARE Wilmington E. I. duPont de Nemours & Company	C. A. D'Alonzo		0
MASSACHUSETTS Cambridge Harvard University Health Center, Division of Environmental Health and Safety	B. G. Ferris, Jr.		1
MICHIGAN Dearborn Ford Motor Company	E. A. Irvin		0
Detroit General Motors Corporation	S. D. Steiner		2
NEW YORK New York City American Telephone & Telegraph Company and Subsidiaries	L. H. Whitney		1
Rochester Eastman Kodak Company	W. L. Sutton		2
OHIO Cincinnati National Lead Company	J. A. Quigley		1
PENNSYLVANIA Harrisburg Commonwealth of Pennsylvania Department of Health			1
Pittsburgh Jones & Laughlin Steel Corporation, Pittsburgh Works Division	R. J. Halen, E. A. McGovern		1
WASHINGTON Richland Hanford Environmental Health Foundation	P. A. Fuqua		1
Seattle Boeing Airplane Company, Aerospace Group	S. M. Williamson		2
WISCONSIN Milwaukee Allis-Chalmers Manufacturing Company	C. Zenz		2

22. PREVENTIVE MEDICINE—Continued

PUBLIC HEALTH

Residency programs in Public Health in the following states and cities have been approved for training by the Council on Medical Education and the American Board of Preventive Medicine, through the Residency Review Committee for Preventive Medicine.

Department of Health	Location	Director	Local Areas	Population	Length of Approved Program (Years)	Minimum Annual Salary	
U.S. Army	6th Army Hdqrs., Fort Ord, California	S. W. Caldwell	Military Post—Fort Ord	100,000*	1	.....	
			1st Army Hdqrs., Fort Dix, N.J.	Fort Dix Military Reservation, N.J.	110,000*	2	.....
			3rd Army Hdqrs., Fort Bragg, N.C.	D. E. Thomas	130,000*	1	.....
State of California	Berkeley, California	R. Dyar	Alameda County	1,065,500	2	(a)	
			Berkeley City	120,300			
			Contra Costa County	545,100			
			Los Angeles County	7,032,400			
			Merced County	110,200			
			Orange County	1,268,900			
			San Bernardino County	667,700			
			San Diego County	1,283,200			
			San Francisco City and County	747,500			
			San Jose	384,400			
			San Mateo County	555,400			
Santa Clara County	966,800						
Yolo County	83,900						
State of Delaware	Dover, Delaware	G. F. Campana	Kent County and New Castle County (b) excludes city of Wilmington	384,000*	2	7,200	
Government of the District of Columbia	Washington, D. C.	C. R. Hayman	District of Columbia	820,000	2	6,500	
State of Florida	Jacksonville, Florida	M. J. Ford	Alachua-Gainesville	92,000	2	11,040	
			Dade-Miami	1,118,400			
			Hillsborough-Tampa	452,900			
			Palm Beach-West Palm Beach	298,500			
			Pinellas-St. Petersburg	445,200			
			Florida State Board of Health (d)	.....			
			.....	.....			
State of Georgia	Atlanta, Georgia	J. H. Venable	Baker-Dougherty-Lee-Worth	110,600*	2	8,760	
			Cobb-Douglas-Paulding	208,300*			
			Columbia-McDuffie-Richmond	181,900*			
			Bibb-Jones-Twiggs	168,400*			
			Chattahoochee-Harris-Muscogee	167,800*			
			DeKalb-Rockdale	392,400*			
			Bryan-Chatham-Liberty	196,500*			
			Fulton	603,400*			
State of Illinois	Springfield, Illinois	F. D. Yoder	Cook County (e)	1,520,000*	2 (f)	14,000 (d)	
			DuPage County	389,000*			
			Peoria City and Peoria County (g)	203,000*			
			.....	.....			
State of Maryland	Baltimore, Maryland	D. T. Boyd	Allegheny County	90,000*	2	10,000	
			Anne Arundel County	275,000*			
			Baltimore County	582,000*			
			Baltimore City	913,000*			
			Prince George's County	582,800*			
			Washington County	107,600*			
			.....	.....			
State of Massachusetts	Boston, Massachusetts	F. R. Philbrook	Boston City	626,326	2 (h)	6,000	
			Brookline Town	53,608			
			Cambridge City	94,677			
			Central District	743,530			
			Newton City	88,514			
			Northeastern District	1,554,983			
			Southeastern District	1,406,948			
			Western District	735,988			
			.....	.....			
			.....	.....			
State of Michigan	Lansing, Michigan	R. G. Rice	(i)	.....	.....		
State of Minnesota	Minneapolis, Minnesota	R. N. Barr	(i)	2	6,000 (j)		
State of Mississippi	Jackson, Mississippi	S. L. Moore	Mississippi State Board of Health	.....	2	13,260	
State of New Jersey	Trenton, New Jersey	M. Sachs	Hinds County	207,270	2	12,603	
			Northern District	748,120*			
			Metropolitan District	3,499,950*			
			Central District	1,777,760*			
			Southern District	1,052,570*			
New York City	New York City	R. E. Rothermel	New York City (k)	8,125,000*	2	8,400	
State of New York	Albany, New York	F. B. Amos	(l)	2	13,170		
State of North Carolina	Raleigh, North Carolina	W. P. Richardson	Charlotte-Mecklenburg County	334,043	2	14,328	
			Guilford County (Greensboro)	292,282			
			Orange-Person-Chatham-Lee-Caswell District Health Dept.	154,206			
			Gaston County	140,472			
State of Oklahoma	Oklahoma City, Oklahoma	W. W. Schottstaedt	Oklahoma University Med. Center	.....	2	6,000	
			Cleveland County	51,000*			
			Oklahoma State Dept. of Health	.....			
			.....	.....			
State of Oregon	Portland, Oregon	E. Press	Clackamas County	139,000*	2	6,000 (m)	
			Jackson County	95,000*			
			Lane County	201,000*			
			Marion County	148,500*			
			Multnomah County	174,000*			
			State of Oregon	1,990,780			
Commonwealth of Pennsylvania	Harrisburg, Pennsylvania	C. C. Kuehn	Allegheny County	1,571,000*	2	10,954	
			Bucks County	336,400*			
			Philadelphia (VII)	3,818,300*			
			Pittsburgh (IV)	2,440,700*			
			Philadelphia City	2,086,700*			

22. PREVENTIVE MEDICINE—Continued

PUBLIC HEALTH—Continued

Department of Health	Location	Director	Local Areas	Population	Length of Approved Program (Years)	Minimum Annual Salary
State of Tennessee	Nashville, Tennessee	R. H. Hutcheson	Memphis-Shelby County Rutherford County Williamson County Sumner-Robertson-Macon-Trousdale District Hardeman-Haywood-Tipton-Fayette District Chattanooga-Hamilton County	80,000* 28,000* 85,000* 98,000*	2	12,240
State of Texas	Austin, Texas	J. E. Peavy			2	
State of Utah	Salt Lake City	R. W. Sherwood				11,580
State of Virginia	Richmond, Virginia	M. I. Shanholtz	Richmond and selected rural areas		2	13,128
State of Washington	Olympia, Washington	W. Lane	Benton-Franklin Seattle-King Tacoma-Pierce Washington State	69,292 1,051,692 378,298 3,203,218	2	9,000
State of Wisconsin	Madison, Wisconsin	R. F. Reider	State-wide program		2	18,956

\* Estimated.

- (a) Applications for residencies should be sent to Robert Dyar, M.D., Chief, Division of Research, State Dept. of Public Health, 2151 Berkeley Way, Berkeley, Calif. 94704.
- (b) Excludes the city of Wilmington.
- (c) Training in Florida State Board of Health, Jacksonville, with field experience in local health departments, predominantly those approved for public health residencies.
- (d) Travel allowance provided in addition.
- (e) Excludes Chicago, Evanston-North Shore (including Winnetka, Kenilworth, Glencoe, Northfield, and remainder of New Trier Township), Oak Park, Stickney Township, all with full-time health officer.
- (f) Assistance can be arranged for securing the M.P.H. degree during or immediately after the first residency year. Appointment can be effective the first of any month. Appointments are limited to those training for service in Illinois. Exceptions may be made in special cases. U.S. citizenship and Illinois medical license required.
- (g) Training is given under one director in both the City and County Health Departments.
- (h) Additional residency positions may become available with stipends of \$6,000 for first year, \$7,000 for second year, and \$8,000 for third year, plus tuition at a school of Public Health. With \$500 per dependent to a total of an additional \$2,000.
- (i) Reassigned to qualified local training health departments.

- (j) A 3-year program sponsored by the U.S.P.H.S., with first year one of academic training, usually at University of Minnesota and 2 subsequent years with Minnesota Department of Health. Resident is considered a State employee and must be a citizen of the U.S. \$6,000 for first year, \$7,000 for second, \$8,000 for third, plus \$500 per dependent, with dependent maximum of \$2,000.
- (k) Includes training at Montefiore Hospital and Medical Center, New York City.
- (l) Populations served by local health departments of assignment vary from 50,000 to 1,400,000 (estimated). Any one of 26 county health departments, 5 city health departments, or 9 district offices may be used. Assignments are made on an individual basis.
- (m) Program affiliated with University of Oregon Medical School permitting joint supervision from the Department of Preventive Medicine and opportunities for special clinical training in subspecialties such as maternal and child health and crippled children's programs. Residents satisfactorily completing the first year may be sponsored for academic training leading to M.P.H. degree. Options available in this residency program include assignments as (a) assistant local health officers in one of the approved field training areas; (b) assistant program directors in the Oregon State Board of Health, or (c) as residents in clinical specialties related to maternal and child health at the University of Oregon Medical School supplemented by field clinical experience in local public health clinics. Salary ranges vary according to previous experience and training, specific local assignments, and commitments to work in Oregon, number of dependents, etc.

23. PSYCHIATRY

Residency programs in the following hospitals have been approved for THREE years of training by the Council on Medical Education and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level. Programs, 239; Residencies, 4,994

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance		
			Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year					
<b>UNITED STATES AIR FORCE</b>															
TEXAS															
Wilford Hall U.S.A.F., San Antonio	M. B. Giffen	65	839	0	0	10,775	3	3	3	0	0	9			
<b>UNITED STATES ARMY</b>															
CALIFORNIA															
Letterman General, San Francisco	R.R. Keim, Jr.	91	827	3	67	20,346	6	6	6	0	0	18			
DISTRICT OF COLUMBIA															
Walter Reed General, Washington	S.L. Baker	181	1,011	3	100	7,424	12	12	12	0	0	36			
<b>UNITED STATES NAVY</b>															
CALIFORNIA															
U. S. Naval, Oakland	V.M. Holm	176	1,258	0	0	20,058	3	2	3	0	0	8			
MARYLAND															
U. S. Naval, Bethesda	C. S. Mullin	112	831	1	100	10,206	4	4	3	0	0	11			
PENNSYLVANIA															
U. S. Naval, Philadelphia	D. E. Brown	264	1,929	12	42	6,607	1	4	1	0	0	6			
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>															
<b>KENTUCKY</b>															
U. S. Public Health Service, Lexington - See University of Kentucky Medical Center, Lexington, Ky.															
<b>TEXAS</b>															
U. S. Public Health Service, Fort Worth - See Univ. of Tex. Southwestern Med. Sch. Aff. Hosps., Dallas															
<b>DEPARTMENT OF HEALTH, EDUCATION AND WELFARE</b>															
DISTRICT OF COLUMBIA															
St. Elizabeths, Washington	R. Wittenberg	5,659	2,518	453	42	19,414	12	12	12	0	0	36	7253-8985	0	

23. PSYCHIATRY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
			Number	Percentage		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA</b>														
<b>Birmingham</b>														
University of Alabama Medical Center	...	...	...	...	...	6	6	6	0	0	18	...	...	
University of Alabama Hospitals and Clinics	J.N.Sussex	...	...	...	...	...	...	...	...	...	...	6240-12000	P	
Veterans Admin.	C.J.Faulk,3d	55	1,164	6	33	7,768	...	...	...	...	...	4830-8550	O	
<b>ARKANSAS</b>														
<b>Little Rock</b>														
Arkansas State University	H.B.Molholm	2,150	4,452	178	19	4,710	4	4	4	0	12	8400-12000	P	
University	J.Peters	15	176	0	0	4,585	3	3	3	1	10	7000-12000	O	
<b>North Little Rock</b>														
Veterans Admin. Consolidated	H. L. Lambert	1,199	1,817	11	100	10,504	3	3	3	0	9	4830-13501	O	
<b>CALIFORNIA</b>														
<b>Berkeley</b>														
Herrick Memorial	F.H.Ocko	39	947	3	...	8,522	5	4	4	0	13	6300-12000	P	
<b>Camarillo</b>														
Camarillo State	N.C.Mace	3,962	4,652	222	45	2,507	9	6	10	0	25	6852-7536	O	
<b>Eldridge</b>														
Sonoma State - See Napa State-Sonoma State, Imola														
<b>Imola</b>														
Napa State Hospital - Sonoma State	...	...	...	...	...	...	12	12	12	0	36	...	...	
Napa State	M. J. Ortega	3,495	4,107	292	57	3,444	...	...	...	...	...	8304-16252	...	
Sonoma State (Eldridge)	J.C.Dawson	3,346	287	100	84	0	...	...	...	...	...	8304-16252	O	
<b>Loma Linda</b>														
Loma Linda University	H.S. Evans	2,823	3,691	168	35	3,826	3	3	3	0	9	6198-7260	FP	
<b>Long Beach</b>														
Veterans Admin.	M. Feld	57	749	1	100	6,660	5	5	2	0	12	8032-10564	O	
<b>Los Angeles</b>														
Cedars-Sinai Medical Center	J. Gussen	...	...	...	...	...	7	7	4	0	18	6000-7200	P	
Cedars of Lebanon Hospital Division	J. Marmor	...	...	...	...	...	...	...	...	...	...	...	...	
Mount Sinai Hospital Division	J. Marmor	...	...	...	...	...	...	...	...	...	...	...	...	
Los Angeles County-U.S.C. Medical Center	E. Stainbrook	156	8,519	7	43	68,711	20	18	17	0	55	7632-8892	P	
U. C. L. A.	H. H. Work	73	572	2	50	35,287	12	12	12	0	36	5400-13916	O	
Veterans Admin. Center, Brentwood	J. J. Riddle	1,347	3,032	52	73	25,595	12	12	12	0	36	8032-13957	O	
Veterans Admin. (Sepulveda)	M. Unger	690	1,013	15	47	5,134	4	4	4	0	12	8032-13507	O	
<b>Martinez</b>														
Veterans Admin. - See Highland General, Oakland														
<b>Norwalk</b>														
Metropolitan State	S.E. Abbott	2,801	5,449	108	38	4,540	8	8	8	0	24	8304-13536	O	
<b>Oakland</b>														
Highland General	R. Gerlach	46	3,658	0	...	23,134	4	4	4	0	12	7356-8520	...	
Veterans Admin. (Martinez)	P. E. Morentz	62	649	1	100	1,865	...	...	...	...	...	6672-7920	...	
Orange County Medical Center	J.A. Guido	76	4,477	1	100	8,926	3	3	3	0	9	10896-13572	P	
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals	D.A. Hamburg	...	...	...	...	...	12	12	12	4	4	44	...	
Palo Alto-Stanford Hospital Center	D.A. Hamburg	8	2474	0	0	13,773	...	...	...	...	...	5700-6600	P	
Veterans Admin.	G. Krieger	1,673	2,233	55	51	8,644	...	...	...	...	...	...	...	
<b>Patton</b>														
Patton State	B. Kovitz	2,823	3,467	168	61	3,826	...	...	...	...	18	9168-18144	...	
<b>San Diego</b>														
University Hospital of San Diego County	D. E. Taylor	94	5,485	1	0	0	3	3	3	0	9	8352-10140	P	
<b>San Francisco</b>														
San Francisco Community Mental Health Services	J. M. Stubblebine	106	4,022	4	75	58,051	3*	3*	2	0	8	5856-12000	P	
Mount Zion Hospital Medical Center	E. Weinsel	15	201	0	0	18,348	6	10	9	0	25	7500-9300	P	
St. Mary's	M. Khlentzos	18	355	0	0	12,511	8	8	8	0	18	7200-8400	O	
University of California Program Langley Porter Neuropsychiatric Institute	A. Simon	92	731	2	2	17,272	14	14	14	5	4	51	...	
<b>San Jose</b>														
Agnews State	J. E. Jeffress	2,668	3,778	246	50	1,054	6	6	6	0	18	6852-14916	O	
<b>San Mateo</b>														
San Mateo County General	P. Wachter	28	1,681	1	100	64,968	6	4	4	0	14	5700-12000	F	
<b>Stockton</b>														
Stockton State	H. H. Brewster	2,447	2,007	199	47	7,218	4	4	4	0	12	9165-14916	O	
<b>Talmage</b>														
Mendocino State	W. G. Burrows	1,586	3,585	99	67	3,683	12	12	12	4	40	7368-14556	...	
<b>Torrance</b>														
Los Angeles County Harbor General	P. Castelnuevo Tedesco	23	249	1	0	11,774	4	4	4	2	14	7632-8892	P	
<b>COLORADO</b>														
<b>Denver</b>														
Fort Logan Mental Health Center <sup>84</sup>	B. Schiff	1,112	2,016	3	100	15,290	6	6	6	0	18	6000-11000	O	
University of Colorado Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	
University of Colorado Medical Center	H. Gaskill	66	863	1	0	38,913	20	20	16	2	0	58	6000-12000	O
Veterans Admin.	D.E.Starrett	83	588	3	100	17,357	2	2	2	0	6	4610-12873	O	
<b>Pueblo</b>														
Colorado State	L. E. Austin	2,433	2,055	125	50	8,654	4	4	4	0	12	9900-12000	O	
<b>CONNECTICUT</b>														
<b>Hartford</b>														
Institute of Living	J.Donnelly	391	545	0	0	11,518	12	12	12	2	2	40+	5400-8100	O

Numerical and other references are listed on pages 279 through 282.

23. PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P P P O
				Number	Neeropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>CONNECTICUT — Continued</b>														
<b>Middletown</b>														
Connecticut Valley	M. K. Arafah	1,809	3,302	194	36	16,023	10	10	10	0	0	30	8880-10340	FP
<b>New Haven</b>														
Yale-New Haven Medical Center		...	...	...	...	...	24	24	20	2	0	70	6600-8400	P
Yale-New Haven	S. Fleck	26	131	...	...	2,632	...	...	...	...	...	...	...	...
Veterans Admin. (West Haven)	L.B.Fierman	165	329	3	33	2,400	...	...	...	...	...	...	...	...
<b>Newtown</b>														
Fairfield Hills	J. E. Oltman	2,615	3,760	307	36	8,389	14	14	8	0	0	36	8880-10380	P
<b>Norwich</b>														
Norwich	M. Martin	2,263	3,376	274	36	9,944	7	7	7	0	0	21	9390-10760	P
<b>West Haven</b>														
Veterans Admin.	- See Yale-New Haven Medical Center, New Haven													
<b>DELAWARE</b>														
<b>New Castle</b>														
Delaware State	R. Winkelmayer	1,210	1,307	141	29	12,357	3	3	3	0	0	9	11040-12060	P
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Area C, Community Mental Health Center	E. E. Short	...	...	...	...	...	...	...	...	...	...	...	...	...
Freedmen's	E. Rickman	24	363	11	36	3,583	...	...	...	...	...	6	7300-10000	O
Georgetown University	R. A. Steinbach	0	0	0	...	16,230	12	12	12	1	0	37	7000-8500	O
George Washington University	J. E. Rankin	24	430	0	0	1,354	5	5	5	0	0	15	7016-12000	P
<b>FLORIDA</b>														
<b>Gainesville</b>														
William A. Shands Teaching Hosp. and Clinics	R. L. Williams	29	128	1	0	5,169	9	9	9	2	0	29	7000-11500	O
Anclote Manor (Tarpon Springs)	T. E. Gagliano	69	104	0	0	4,616	...	...	...	...	...	...	7000-9000	P
<b>Miami</b>														
Jackson Memorial	J. M. Caldwell	189	1,451	3	0	12,222	11	8	8	0	0	27	7080-12000	P
<b>Tarpon Springs</b>														
Anclote Manor	- See Wm. A. Shands Teaching Hospital and Clinics, Gainesville													
<b>GEORGIA</b>														
<b>Atlanta</b>														
Emory University Affiliated Hospitals	B. Holland	...	...	...	...	...	15	15	15	0	0	45	...	...
Emory University	B. Holland	16	143	0	0	...	...	...	...	...	...	...	7800-9800	P
Grady Memorial	B. Holland	33	1,631	0	0	1,427	...	...	...	...	...	...	...	...
Central State (Milledgeville)	L. J. Jacobs	10,399	6,810	871	28	8,650	...	...	...	...	...	...	9000-11000	O
<b>Augusta</b>														
Medical College of Georgia Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...
Eugene Talmadge Memorial	E. J. Mc Cranie	22	247	1	...	3,113	3	3	3	0	0	9	6600-7400	P
Veterans Admin.	M. Dunn	1,138	2,051	63	75	2,241	3	3	3	0	0	9	9221-13321	O
<b>Milledgeville</b>														
Central State	L. J. Jacobs	10,399	6,810	871	28	8,650	10	10	10	0	0	30	9000-11000	O
<b>HAWAII</b>														
<b>Honolulu</b>														
Hawaii Integrated Psychiatric Training Program	F. Cottington	...	...	...	...	...	4	4	4	2	0	14	...	...
Queen's		16	915	1	...	3,647	...	...	...	...	...	...	9060-10240	O
Hawaii State (Kaneohe)		728	710	46	67	...	...	...	...	...	...	...	9060-10260	O
<b>Kaneohe</b>														
Hawaii State	- See Hawaii Integrated Psychiatric Training, Honolulu													
<b>ILLINOIS</b>														
<b>Chicago</b>														
Chicago Medical School Affiliated Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Medical Center of Chicago	H. Garner	14	354	0	0	5,155	5	5	5	0	0	15	6500-12000	P
Illinois State Psychiatric Institute	R. C. Drye	247	1,198	0	0	11,269	20	20	20	4	4	64	4800-8640	P
Chicago State	M. Gross	3,117	4,780	340	16	...	...	...	...	...	...	...	...	...
Michael Reese Hospital and Medical Center	R. Grinker	72	484	1	0	13,316	7	7	7	0	0	21	5800-8400	P
Northwestern University Medical Center		...	...	...	...	...	...	...	...	...	...	...	...	...
Chicago Wesley Memorial	B. Boshes	43	342	...	...	5,176	7	7	4	0	0	18	6400-17557	F
Passavant Memorial	B. Boshes	23	287	1	0	...	...	...	...	...	...	...	...	...
Veterans Admin. Research	H.D.Kurland	27	178	2	100	392	...	...	...	...	...	...	...	...
Veterans Admin. (Downey)	J.H.Masserman	2,345	2,464	180	74	15,191	...	...	...	...	...	...	...	...
Evanston (Evanston)	M. Brown	31	635	1	100	458	...	...	...	...	...	...	...	...
Presbyterian-St. Luke's	P.E.Nielson	59	467	4	50	5,073	6	6	6	0	0	18	6000-12000	P
University of Chicago Hospitals and Clinics		...	...	...	...	...	...	...	...	...	...	...	...	...
University of Illinois Research and Educational Hospitals	D. X. Freedman	17	491	0	0	10,595	9	8	6	0	0	23	6000-9300	O
Veterans Admin. (West Side)	M. Sabshin	20	119	0	0	14,507	6	6	6	0	0	18	5400-6200	P
Downey	L. Halperin	71	717	0	0	4,273	3	3	3	0	0	9	6400-13957	O
Veterans Admin.	- See Northwestern University Medical Center, Chicago													
<b>Evanston</b>														
Evanston	- See Northwestern University Medical Center, Chicago													
<b>INDIANA</b>														
<b>Indianapolis</b>														
Indiana University Medical Center	J.I.Nurnberger	...	...	...	...	...	13	13	13	0	0	39	...	...
Indiana University Hospitals	J.I.Nurnberger	...	...	...	...	4,590	...	...	...	...	...	...	7560-9420	P
Larue D Carter Memorial	D.F.Moore	192	467	3	0	1,992	...	...	...	...	...	...	7560-12000	P
Marion County General	W. Paynter	51	731	2	0	1,769	...	...	...	...	...	...	5764-6550	P
Veterans Admin.	J. I. Nurnberger	73	632	1	100	325	...	...	...	...	...	...	4830-8550	O

Numerical and other references are listed on pages 279 through 282.

23. PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1960-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>IOWA</b>														
<b>Cherokee</b>														
Mental Health Institute	W.C.Brinegar	379	1,240	33	73	7,591	4	4	4	3	3	18	11400-23400	O
<b>Independence</b>														
Mental Health Institute	S.M.Korson	375	1,780	17	59	3,195	4	4	4	2	2	16	11400-12000	O
<b>Iowa City</b>														
State Psychopathic	P.E.Huston	44	415	1	0	8,233	5	6	5	0	0	16	6500-7700	O
<b>KANSAS</b>														
<b>Kansas City</b>														
University of Kansas Medical Center	D. Greaves	40	392	1	100	14,161	8	8	8	0	0	24	6600-12000	P
Veterans Admin. (Kansas City, Mo.)	F. V. Smith	59	442	1	100	950	...	...	...	...	...	...	4830-6750	O
<b>Topeka</b>														
Menninger School of Psychiatry	K. A. Menninger	...	...	...	...	...	37	37	37	8	8	127	...	...
C. F. Menninger Memorial	L. F. Wesselius	149	168	0	0	34,428	...	...	...	...	...	...	5167-12000	O
Topeka State	A. M. Kowalski	890	969	30	90	20,647	...	...	...	...	...	...	6000-15000	O
Veterans Admin.	A. D. Cook, Jr.	925	3,285	137	78	35,708	...	...	...	...	...	...	5167-13957	O
<b>KENTUCKY</b>														
<b>Lexington</b>														
University of Kentucky Medical Center	J. B. Parker	...	...	...	...	...	6	6	6	4	0	22	...	...
University	J. Parker	14	159	0	...	4,451	...	...	...	...	...	...	4560-12000	P
U. S. Public Health Service	R. W. Rasor	836	2,325	8	38	4,056	...	...	...	...	...	...	...	...
Veterans Admin.	K. B. Moore	796	1,743	10	60	530	...	...	...	...	...	...	6440-12873	P
<b>Louisville</b>														
University of Louisville Affiliated Hospitals														
Central State	W. K. Keller	...	...	...	...	...	7	7	7	2	1	24	...	...
John N. Norton Memorial	R. H. Hayes	1,291	1,888	116	48	6,457	...	...	...	...	...	...	11976-13860	...
Infirmiry	E. E. Landis	32	230	1	0	2,230	...	...	...	...	...	...	5000-12000	P
Louisville Area Mental Health Center	W. M. Cox	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisville Child Guidance Clinic	N. Kateryniuk	21	1,724	7	71	794	...	...	...	...	...	...	5000-12000	P
Louisville General	N. Russinovich	43	483	2	50	900	...	...	...	...	...	...	9657-13507	O
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>LOUISIANA</b>														
<b>Jackson</b>														
East Louisiana State - See Tulane University Affiliated Hospitals, New Orleans														
<b>Mandeville</b>														
Southeast Louisiana - See Tulane University Affiliated Hospitals, New Orleans														
<b>New Orleans</b>														
Charity Hospital of Louisiana														
Louisiana State University Division	M. F. Miller	69	1,098	10	30	9,447	...	...	...	...	...	12	5400-6000	F
Tulane University Division	R. G. Heath	68	1,019	8	37	6,674	...	...	...	...	...	12	5400-6000	F
Tulane University Affiliated Hospitals														
Veterans Admin.	R. G. Heath	37	450	2	100	7,840	2	2	2	0	0	6	9000-12873	O
East Louisiana (Jackson)	H. Mullan	2,775	3,377	167	25	...	...	...	...	...	...	...	6000-10000	P
Southeast Louisiana (Mandeville)	A. T. Butterworth	450	2,057	9	78	0	...	...	...	...	...	...	8000-12000	P
Veterans Admin.	R. G. Heath	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Shreveport</b>														
Confederate Memorial Medical Center	W. A. Mc Bride	28	1,083	1	100	1,949	3	3	3	0	0	9	10800-12000	...
<b>MARYLAND</b>														
<b>Baltimore</b>														
Johns Hopkins	S. Perlin	70	245†	1	...	11,322	10	10	10	2	1	33	5000-...	P
Seton Psychiatric Institute	L. H. Bartemeier	223	321	9	11	328	4	4	4	0	0	12	7000-12000	...
Spring Grove State	B. Radauskas	2,376	3,210	227	24	5,867	5	...	...	...	...	16	7500-14000	P
University of Maryland	R. Monroe	44	236	2	0	7,422	6	6	6	2	2	22	6000-7600	P
<b>Crownsville</b>														
Crownsville State	L. W. Whitt	1,800	3,411	142	22	5,732	5	5	5	0	0	15	7500-14000	P
<b>Perry Point</b>														
Veterans Admin.	T. W. Sugars	1,065	1,811	42	81	4,708	2	2	2	0	0	6	4610-12873	O
<b>Sykeville</b>														
Springfield State	J. V. Cohn	3,034	3,366	291	36	864	6	6	6	0	0	18	14300-...	O
<b>Towson</b>														
Sheppard and Enoch Pratt	I. H. Cohen	244	284	4	75	1,485	9	8	8	0	0	25	6800-8000	O
<b>MASSACHUSETTS</b>														
<b>Bedford</b>														
Veterans Admin. - See Veterans Admin. Hospitals of the Boston Area, Boston														
<b>Belmont</b>														
McLean	A. A. Stone	225	311	13	54	23,904	8	8	4	2	0	22†	6600-10000	P
<b>Boston</b>														
Boston City	P. Solomon	21	356	...	...	5,568	5	5	4	2	0	16	9000-9000	O
Boston State	F. J. Duhl	1,349	1,945	187	77	3,808	10	10	10	3	2	35	6000-12000	O
Massachusetts General	L. Eisenberg	20	423†	0	0	16,900	12	12	8	3	0	35	6600-10000	O
Massachusetts Mental Health Center	J. R. Ewalt	212	790	3	0	41,562	25	25	15	0	0	65	6000-9000	O
New England Medical Center Hospitals														
Hospitals	P. G. Myerson	9	185	1	0	6,181	5	1	5	0	0	11	6600-9000	O
University	B. Bandler	13	151	...	...	5,308	6	5	4	1	1	17	6600-10000	O
Veterans Admin. Hospitals of the Boston Area														
Veterans Admin. (Bedford)	C. McKeon	1,074	908	100	60	15,339	3	0	0	0	0	3	6600-13452	O
Veterans Admin. (Jamaica Plain)	D. Holmes	150	343	1	...	12,006	10	10	10	0	0	30	6600-13452	O
Veterans Admin. (Brockton)	W. R. Corcoran	955	2,736	92	60	20,471	6	0	0	0	0	6	4610-12873	O
<b>Brockton</b>														
Veterans Admin. - See Veterans Admin. Hospitals of the Boston Area, Boston														
<b>Harding</b>														
Medfield State	N. S. Mittel	895	857	96	47	10,692	...	...	...	...	...	14	10168-13907	P
<b>Hathorne</b>														
Danvers State	P.B.Hagopian	1,900	1,400	271	34	2,500	3	2	2	0	0	7	6000-9000	O

## 23. PSYCHIATRY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MASSACHUSETTS—Continued</b>														
<b>Waltham</b>														
Metropolitan State	M. Asekoff	1,510	1,528	161	20	1,833	3	3	3	0	0	9	7500-12000	P
<b>Worcester</b>														
Worcester State	J. E. L. Prunier	1,060	1,372	147	40	2,365	5	5	7	0	0	17	4500-13900	FP
<b>MICHIGAN</b>														
<b>Ann Arbor</b>														
University of Michigan Affiliated Hospitals		...	...	...	...	...	20	16	12	7	1	56	...	...
University	R. W. Waggoner	67	238	...	...	11,458	...	...	...	...	...	...	6300-7500	O
Veterans Admin.		65	455	0	0	700	...	...	...	...	...	...	4830-8550	O
<b>Detroit</b>														
Detroit Psychiatric Institute	K. E. Pitts	96	3,767	8	33	8,357	5	5	6	4	0	20	8883-12000	P
Henry Ford	L. D. Proctor	24	471	3	33	9,411	1	1	1	0	0	3	9780-11780	P
Lafayette Clinic	J. S. Gottlieb	75	406	0	0	19,138	10	10	10	2	0	32	8978-16432	O
Sinai Hospital of Detroit	N. Rosenzweig	34	495	1	0	6,946	...	4	...	0	0	12	9000-10800	P
<b>Eloise</b>														
Wayne County General Hospital and Infirmary	S. B. Jenkins	1,914	2,164	117	14	12,131	6	5	7	0	0	18	8352-9500	O
<b>Northville</b>														
Northville State	C. H. Chen	2,059	1,529	104	31	3,742	6	6	6	0	0	18	8978-13762	P
<b>Pontiac</b>														
Pontiac State	C.O.Ranger	2,204	1,607	155	48	11,098	6	6	6	0	0	18	9678-10912	O
<b>Traverse City</b>														
Traverse City State	P. E. Kauffman, Ph.D.	2,475	1,046	163	35	6,551	6	6	6	0	0	18	10231-13739	O
<b>Ypsilanti</b>														
Ypsilanti State	J.J. Tiziani	3,000	1,797	180	69	3,192	8	8	8	0	0	24	8978-13739	O
<b>MINNESOTA</b>														
<b>Minneapolis</b>														
Hennepin County General	W.W.Jepson	22	885	1	100	18,387	2	2	2	0	0	6	10200-12000	P
University of Minnesota Hospitals	D. W. Hastings	58	381	0	0	8,483	10	10	10	0	0	30	5500-12000	O
Veterans Admin.	W. Simon	93	911	0	0	11,256	4	4	4	0	0	12	5000-13507	O
<b>Rochester</b>														
Mayo Graduate School of Medicine	E. M. Litin	46	940	1	0	16,575	8	8	8	0	0	24	6000-12000	P
Rochester Methodist		...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's		...	...	...	...	...	...	...	...	...	...	...	...	...
<b>MISSISSIPPI</b>														
<b>Biloxi</b>														
Veterans Admin. Center	J. E. Gilbert	851	1,470	25	80	8,916	2	2	2	0	0	6	4610-13507	O
<b>Jackson</b>														
University of Mississippi Medical Center	J. Suess	...	...	...	...	...	4	4	4	0	0	12	...	...
Mental Health Services, Mississippi State Board of Health	M. A. Lee	...	...	...	...	...	...	...	...	...	...	...	...	...
University	J. Suess	20	229	1	100	854	...	...	...	...	...	...	6800-12000	O
Veterans Admin. Center	R. B. Toms	34	483	1	...	2,427	...	...	...	...	...	...	4830-6750	O
Mississippi State (Whitfield)	W. F. Dudley	4,297	4,176	243	32	0	...	...	...	...	...	...	10000-12000	FP
<b>Whitfield</b>														
Whitfield State - See University of Mississippi Medical Center, Jackson														
<b>MISSOURI</b>														
<b>Columbia</b>														
University of Missouri Medical Center	J.M.A. Weiss	14	134	0	0	4,764	8	8	6	3	3	30+	7800-20000	P
<b>Kansas City</b>														
University of Missouri Residency Program in Psychiatry <sup>21</sup>	C.B.Wilkinson	...	...	...	...	...	12	10	10	0	0	32	...	...
Kansas City General Hospital and Medical Center	C. B. Wilkinson	78	1,717	5	0	16,800	...	...	...	...	...	...	7800-20000	O
Western Missouri Mental Health Center		...	...	...	...	...	...	...	...	...	...	...	...	...
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas		...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Louis</b>														
Jewish Hospital of St. Louis	N. Simon	26	355	0	0	3,469	3	3	3	0	0	9	8000-10000	P
Malcolm Bliss Mental Health Center	K. Smith	150	1,917	2	0	14,363	10	18	18	4	0	50	9000-13300	P
Missouri Institute of Psychiatry-St. Louis State	I. W. Sletten	2,297	647	116	43	9,668	10	10	10	0	0	30	7800-20000	O
St. Louis University Group of Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...
David P. Wohl Memorial Mental Health Institute	H.W.Bird	110	794	1	0	6,965	5	5	5	0	0	15	10200-12200	O
Veterans Admin.	R. L. Bidy	80	303	1	100	10,414	...	...	...	...	...	...	8400-10400	O
Washington University Affiliated Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...
Barnes Hospital Group	E. Robins	91	1,479	0	0	7,547	16	14	12	2	0	44+	10000-13200	O
<b>NEBRASKA</b>														
<b>Omaha</b>														
University of Nebraska Affiliated Hospitals		...	...	...	...	...	8	8	8	0	0	24	...	...
Nebraska Psychiatric Institute	L. C. Strough	67	368	...	...	19,756	8	8	8	0	0	24	6600-13800	O
Veterans Admin.	G. Bartholow	81	386	2	67	4,508	...	...	...	...	...	...	4830-8550	P
<b>NEW HAMPSHIRE</b>														
<b>Hanover</b>														
Mary Hitchcock Memorial	R. L. Vosburg	5	202	0	0	8,028	4	4	2	0	0	10	8000-9000	O
<b>NEW JERSEY</b>														
<b>Cedar Grove</b>														
Essex County Overbrook	F. A. Ucko	2,848	1,532	329	32	5,725	3	3	1	0	0	7	7000-10000	O

23. PSYCHIATRY—Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW JERSEY—Continued</b>														
<b>Greystone Park</b>														
New Jersey State	W. H. Longley	4,322	1,868	505	25	4,444	4	4	4	0	0	12	9000-11000	O
<b>Hammonton</b>														
New Jersey State Hospital at Ancora	H. H. Brunt, Jr.	1,950	2,621	308	38	6,035	5	5	5	0	0	15	9000-11000	P
<b>Lyons</b>														
Veterans Admin.	H. Moser	1,864	927	104	625	7,109	4	4	4	0	0	12	4830-13507	O
<b>Marlboro</b>														
New Jersey State Hospital at Marlboro	M. R. Simon	1,662	2,708	348	38	14,400	3	3	3	0	0	9	9000-12000	O
<b>Princeton</b>														
New Jersey Neuropsychiatric Institute	M. Mendelson	814	2,109	37	65	1,632	...	...	...	...	...	12	9000-11000	P
<b>Trenton</b>														
New Jersey State	M. Weinberg	3,048	2,419	330	23	860	4	4	4	0	0	12	9000-12000	P
<b>NEW MEXICO</b>														
<b>Albuquerque</b>														
University of New Mexico Affiliated Hospitals	R.A. Senescu	...	...	...	...	...	4	4	4	0	0	12	...	...
Bernalillo County Medical Center	R.A. Senescu	13	750	2	50	4,300	...	...	...	...	...	...	6060-6500	P
Veterans Admin.	W. W. Winslow	44	320	0	0	5,200	...	...	...	...	...	...	5900-8550	O
New Mexico State (Las Vegas)	J.C. Hancock	592	1,466	58	39	572	...	...	...	...	...	...	15000-15000	P
<b>Las Vegas</b>														
New Mexico State - See Univ. of New Mexico Affiliated Hospitals, Albuquerque														
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical Center	A. M. Kraft	53	1,551	3	33	5,969	5	4	4	0	0	13	6600-12000	P
Veterans Admin.	A. M. Kraft	294	746	5	40	48	3	3	3	0	0	9	11461-14407	O
<b>Binghamton</b>														
Binghamton State	D. Burnett	2,361	1,442	351	18	4,165	2	3	2	0	0	7	8112-9145	O
<b>Buffalo</b>														
Buffalo State	J. J. Sconzo	2,700	1,904	...	...	5,847	...	...	...	...	...	12	10000-16000	O
S.U.N.Y. at Buffalo Affiliated Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...
Edward J. Meyer Memorial	S. M. Small	68	2,121	2	50	6,225	4	4	4	0	0	12	6000-9000	P
<b>Central Islip</b>														
Central Islip State	F. J. O'Neill	8,367	5,260	961	28	3,771	14	14	12	0	0	40	10000-16000	FP
<b>Cooperstown</b>														
Mary Imogene Bassett - See Columbia-Presbyterian Medical Center, New York City														
<b>East Meadow</b>														
Meadowbrook	J. Semer	50	2,700	2	0	27,259	4	4	4	0	0	12	6316-7416	F
<b>Harrison</b>														
St. Vincent's Hospital and Med. Center of New York, Westchester Branch - See St. Vincent's Hsp. & Med. Ctr. of New York, N.Y.C.														
<b>Kings Park</b>														
Kings Park State	O. Von Tauber	7,363	2,701	603	21	1,408	10	13	7	0	0	30	10000-14000	P
<b>Marcy</b>														
Marcy State	N. Bigelow	2,764	1,116	333	30	3,555	6	6	3	0	0	15	10000-14000	P
<b>Middletown</b>														
Middletown State	A. Del Giudice	3,136	1,575	395	31	7,650	6	6	6	0	0	18	10000-14000	P
<b>Montrose</b>														
Veterans Admin.	J. Neislin	1,364	1,608	22	46	7,920	3	3	3	0	0	9	4610-8230	O
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals		...	...	...	...	...	12	12	12	3	1	40+	...	...
Bronx Municipal Hospital Center	M. Rosenbaum	88	3,542	3	33	21,962	...	...	...	...	...	...	4980-6200	F
Bronx State	I. Zwierling	990	1,985	229	20	1,987	...	...	...	...	...	...	10000-12500	O
Lincoln	H. Peck	...	...	...	...	25,333	...	...	...	...	...	...	4980-5780	P
Hospital of the Albert Einstein College of Medicine	M. Greenhill	...	55+	1	100	...	...	...	...	...	...	...	5580-6220	F
Brooklyn State	N. Beckenstein	3,026	1,834	319	14	0	6	6	7	0	0	19	8112-9145	O
Columbia University Affiliated Hospitals	L. C. Kolb	...	...	...	...	...	10	10	10	0	0	30	6000-9145	O
New York State Psychiatric Institute	W. A. Horwitz	139	510	0	0	5,010	...	...	...	...	...	...	...	...
Presbyterian	L. C. Kolb	144	410	0	0	9,291	...	...	...	...	...	...	...	...
Mary Imogene Bassett (Cooperstown)	H. Gurian	7	97	0	0	2,234	...	...	...	...	...	...	5400-8100	P
Creedmoor State	H. A. La Burt	6,786	4,538	870	30	783	10	10	10	0	0	30	8112-13283	P
Harlem Hospital Center	E. B. Davis	40	318	2	50	15,343	4	4	4	0	0	12	4980-5780	P
Hillside Hospital Training Program	L. L. Robbins	...	...	...	...	...	14	16	10	0	0	40	...	...
Hillside	H. B. Esecover	178	339	0	0	9,214	...	...	...	...	...	...	7000-8000	O
Queens Hospital Center	M. Drucker	23	150	0	0	18,265	...	...	...	...	...	...	8500-9500	P
Maimonides Medical Center	M. Ullman	11	...	0	0	325	5	5	5	0	0	15	6000-7750	P
Manhattan State	O. K. Diamond	...	2,723	365	30	5,604	4	4	4	0	0	12	10000-15000	P
Montefiore Hospital and Medical Center	M. Reiser	21	130	0	0	11,579	6	5	5	0	0	16	6120-7880	P
Mount Sinai Hospital Training Program		...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai	M. R. Kaufman	105	945	0	0	10,000	14	11	8	0	0	33	6000-7500	P
City Hospital Center at Elmhurst <sup>4</sup>	H. Weinstock	125	3,877	8	30	14,206	12	12	10	0	0	34	7800-9300	F
New York (Payne Whitney Psychiatric Clinic)	W. Lhamon	84	353	...	...	12,437	8	8	9	0	0	25	6000-8500	P
<b>New York Medical College-Metropolitan Hospital</b>														
Center	H. I. Kaplan	...	...	...	...	...	20	20	20	0	0	60	5560-6000	F
Unit 1 - Flower and Fifth Avenue Hospitals		...	...	...	...	...	...	...	...	...	...	...	...	...
Unit 2 - Metropolitan		90	1,320	2	50	29,750	...	...	...	...	...	...	...	...
<b>New York University - Bellevue</b>														
Medical Center	S. B. Wortis	...	...	...	...	...	15	15	15	0	0	45	...	...
University	S. B. Wortis	21	422	1	0	...	...	...	...	...	...	...	7440-8690	P
Bellevue Hospital Center	A. Zitrin	600	14,201	103	43	17,369	...	...	...	...	...	...	4980-5780	P
Roosevelt	H. C. Shands	39	338	1	0	1,033	6	6	6	0	0	18	5500-7500	P
St. Luke's Hospital Center	J. Cotton	29	522	1	0	6,786	3	3	3	0	0	9	6000-7000	P

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 23. PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK, New York City—Continued</b>														
St. Vincent's Hospital and Medical Center of New York	H. Tompkins	273	1,550	3	0	12,648	10	10	10	0	0	30	6440-7640	P
St. Vincent's Hsp. & M. C. of N.Y., Westchester Br. (Harrison)														
State University - Kings County Medical Center	M. Stein						0	16	17	10	0	43		
Kings County Hospital Center		379	9,745	53	24	27,178							5580-6000	P
State University													6690-8110	O
Veterans Admin. (Bronx)	W. Brown	140	720	3	33	3,689	5	5	5	0	0	15	7090-13453	O
Veterans Admin. (Manhattan)	M. A. Goldberg	177	936	3	33		6	6	6	0	0	18	7090-13507	O
<b>Northport</b>														
Veterans Admin.	I. J. Blumenthal	2,170	1,422	90	50	8,535	2	2	2	0	0	6	4830-13507	O
<b>Orangeburg</b>														
Rockland State	A. M. Stanley	6,115	2,460	517	27	14,270	6	0	0	0	0	6	8112-9145	O
<b>Poughkeepsie</b>														
Hudson River State	H. B. Snow	4,268	2,163	613	19	3,191	4	4	6	5	0	19	8112-9145	O
<b>Rochester</b>														
Rochester General	W. T. Hart	29	720	0	0	18,929	2	2	2	0	0	6	7000-8000	P
Rochester State	G. M. Walters	3,082	2,249	447	35	6,785	4	4	1	0	0	9	8112-9145	P
Strong Memorial Hospital of the University of Rochester	J. Romano	83	1,118	3	100	19,205	16	16	12	0	0	44	5500-8500	P
<b>Syracuse</b>														
S.U.N.Y. Upstate Medical Center	D. Robinson	144	974	1	0	3,998	8	7	5	0	0	20	6050-9145	O
Syracuse Psychiatric	D. Robinson	61	433			537							8112-9145	O
Veterans Admin.	J. Danehy	83	541	1		504							5050-6750	O
<b>Utica</b>														
Utica State	G. Volow	2,127	1,151	273	32	7,815						15	10000-16000	O
<b>Valhalla</b>														
Grasslands	H. Kachalsky	85	2,003	7	71	9,879	6	6	4	1	0	17+	9256-10764	P
<b>West Brentwood</b>														
Pilgrim State	H. Brill	11,796	4,164	1,070	27	4,000	10	10	10	0	0	30	8112-9145	O
<b>NORTH CAROLINA</b>														
<b>Butner</b>														
John Umstead	A. Verwoerd	1,264	3,003	20	35	0						15	11256-11256	O
<b>Chapel Hill</b>														
North Carolina Memorial	J. A. Ewing	47	603	0	0	23,593	12	12	12	2	2	40	6500-9000	O
<b>Durham</b>														
Duke University Affiliated Hospitals	E. W. Busse						12	12	12	4	3	43		
Duke University Medical Center	E. W. Busse	46	682	2	50	3,606							5500-7000	P
Veterans Admin.	R. L. Green, Jr.	49	524	1	100								4610-8230	O
<b>Raleigh</b>														
Dorothea Dix	P. A. Walker	2,546	4,429	234	21	2,000	6	6	6	0	0	18	11376-12000	O
<b>Winston-Salem</b>														
North Carolina Baptist Hospitals	R. Proctor	11	269			1,478	4	4	2	0	0	10	6600-12000	P
<b>OHIO</b>														
<b>Cincinnati</b>														
Rollman Psychiatric Institute	R. D. Steele	134	900	1	100	19,884	10	10	10	0	0	30	8736-14352	O
University of Cincinnati Hospital Group	M. Levine						18	18	15	0	0	51		
Cincinnati General		38	502	3	67	44,524							5640-6540	P
Veterans Admin.		65	390										4830-8550	O
<b>Cleveland</b>														
Cleveland Clinic	A. Weatherhead	21	320	1	100	3,107	2	2	2	0	0	6	5400-8400	P
Cleveland Psychiatric Institute	F. A. Lingl	228	1,080	11	55	5,729	8	8	8	1	0	25	8736-17056	O
Fairhill Psychiatric	D. Hartert	162	1,033	13	9	10,643	6	6	6	0	0	18	8736-10400	O
University Hospitals of Cleveland	D. D. Bond	67	514	0	0	11,322	8	8	8	1	0	25+	6000-7000	P
Veterans Admin.	H. S. Sudak	36	158	0	0	10,380							6850-8350	P
<b>Columbus</b>														
Columbus State	L. Szabo	1,819	1,943	172	46	12,815	8	8	8	0	0	24	8736-14352	O
Ohio State University Hospitals	I. Gregory	100	1,136	0	0	10,494	8	8	8	0	0	24	6000-12000	P
<b>Cuyahoga Falls</b>														
Fallsview Mental Health Center		125	1,769	2	100	11,052	5	5	5	0	0	15	8736-17056	O
<b>Worthington</b>														
Harding	G. T. Harding, Jr.	107	417	1	0	720	3	3	3	0	0	9	7200-12000	O
<b>OKLAHOMA</b>														
<b>Norman</b>														
Central State Griffin Memorial	H. H. Donahue	850	4,129	89	16	1,358	5	5	5	0	0	15	8000-12000	O
<b>Oklahoma City</b>														
University of Oklahoma Medical Center	L. J. West						6	6	6	1	1	24+		
University of Oklahoma Hospitals	L. J. West	13	18			2,590							7000-12000	P
Veterans Admin.	H. H. Janszen	62	493	0	0	11,518								
<b>OREGON</b>														
<b>Portland</b>														
University of Oregon Medical School Hospitals and Clinics	G. Saslow	21	243	1	0	3,909	6	6	5	0	0	17	7800-11000	FP
<b>Salem</b>														
Oregon State	N. B. Jetmalani	1,579	2,305	140	39	744						9	10140-10980	O
<b>PENNSYLVANIA</b>														
<b>Bridgeville</b>														
Mayview State	R. St. John	1,600	700	200	1	330	4	4	4	0	0	12	7055-12675	P
<b>Coatesville</b>														
Veterans Admin.	K. Wolff	1,373	1,372	76	83	18,290	3	3	2	0	0	8	4610-12873	O
<b>Harrisburg</b>														
Harrisburg State	S. P. Laucks	2,091	945	144	22	4,036	2	2	2	0	0	6	8580-12075	P
<b>Norristown</b>														
Norristown State	P. Glowacki	3,511	828	284	31	4,944	10	10	10	0	0	30	10954-12075	O
<b>Philadelphia</b>														
Albert Einstein Medical Center	E. Marcovitz	23	499+	1	0	750	3	3	3	0	0	9	7000-12000	O
Eastern Pennsylvania Psychiatric Institute	W. A. Phillips	108	400	1	0	7,750	8	8	8	0	0	24	8580-12075	O

Numerical and other references are listed on pages 279 through 282.

23. PSYCHIATRY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Main-tenance		
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year					
<b>PENNSYLVANIA, Philadelphia—Continued</b>															
Hahnemann Medical College and Hospital	M. David	Inc. in Med.	...	...	4,925	10	8	6	0	0	24	7000-8000	O		
Hospital of the University of Pennsylvania	M. Hollender	...	25	465	0	0	7,330	12	12	10	1	0	35	6000-12000	O
Mercy-Douglass Hospital of the Woman's Medical College of Pennsylvania	B. E. Baum	...	70	250	1	0	1,850	3	3	3	0	0	9	6000-8400	P
Institute of the Pennsylvania Hospital	W. A. Harvey	...	208	1,379	7	29	6,569	10	8	6	0	0	24	7000-8000	O
Jefferson Medical College	J. E. Davis	...	158	244	24	40	3,759	8	8	8	2	2	28	6000-12000	O
Philadelphia General	J. Mock, H. Dillon	...	130	1,404	2	100	12,224	...	...	...	...	...	21	9117-10973	O
Philadelphia Psychiatric Center	M. Brody	...	120	1,289	4	...	6,073	8	6	5	1	0	19	7500-10000	F
Philadelphia State	F. R. Clarke	...	5,378	720	487	24	12,139	10	10	10	0	0	30	10954-12075	P
Temple University	R. B. Sloane	...	15	285	0	0	3,016	8	8	6	0	0	22	5000-6200	P
<b>Pittsburgh</b>															
Health Center Hospitals of the University of Pittsburgh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Western Psychiatric Institute and Clinic	L. W. Earley	...	118	705	1	100	22,164	12	12	12	6	6	48	6000-7800	O
<b>Warren</b>															
Warren State	A. Y. Hoshino	...	2,345	1,115	195	31	2,225	10	9	8	0	0	27	8580-12075	F
<b>PUERTO RICO</b>															
<b>Bayamon</b>															
Puerto Rico Institute of Psychiatry	E. D. M. Sierra	...	186	614	5	80	516	0	2	4	0	0	6	...-12000	...
<b>San Juan</b>															
Univ. of Puerto Rico School of Medicine (Department of Psychiatry)	J. A. Rossello	...	1,084	1,083	42	98	60,000	6	6	6	0	0	18	5700-6900	O
<b>SOUTH CAROLINA</b>															
<b>Charleston</b>															
Medical Center Hospitals	J. J. Cleckley	...	...	...	...	...	...	4	4	4	0	0	12	...	...
Medical College	J. J. Cleckley	...	27	1,158	0	0	1,278	...	...	...	...	...	...	8000-12000	P
Veterans Admin.	J. D. Sexauer	...	37	348	...	...	892	...	...	...	...	...	...	4830-14182	O
<b>Columbia</b>															
South Carolina State	J. E. Freed	...	3,399	3,208	179	28	4,635	6	6	6	0	0	18	10517-12623	O
<b>TENNESSEE</b>															
<b>Memphis</b>															
University of Tennessee Affiliated Hospitals	G. H. Aivazian	...	...	...	...	...	...	7	7	7	0	0	21	...	...
City of Memphis Hospitals	G. H. Aivazian	...	15	683	0	0	2,255	...	...	...	...	...	...	5016-12000	F
Tennessee Psychiatric Hospital and Institute	G. H. Aivazian	...	157	1,119	1	0	8,038	...	...	...	...	...	...	4560-12000	FP
Veterans Admin.	R. M. Barber	...	10	7,562	6	84	5,770	...	...	...	...	...	...	7160-14409	O
<b>Nashville</b>															
George W. Hubbard Hospital of the Meharry Medical College	L. C. Elam	...	9	144	0	0	1,657	2	2	2	0	0	6	5100-8700	F
Vanderbilt University	W. F. Orr	...	68	455	...	...	2,600	3	3	3	0	0	9	5040-12000	P
<b>TEXAS</b>															
<b>Austin</b>															
Austin State	C. J. Ruilmann	...	3,317	4,573	355	64	6,742	12	12	10	0	0	34	9600-12000	O
<b>Dallas</b>															
University of Texas Southwestern Medical School Affiliated Hospitals	R. L. Stubblefield	...	...	...	...	...	...	...	...	...	...	...	33†	...	...
Parkland Memorial	R. L. Stubblefield	...	39	322	...	...	5,737	...	...	...	...	...	...	5160-5820	P
Timberlawn Sanitarium	J. K. Peden	...	133	624	1	...	...	...	...	...	...	...	...	8400-9000	P
Veterans Admin.	I. Kimbell, Jr.	...	78	98	3	33	...	...	...	...	...	...	...	4830-13507	P
U.S. Public Health Service (Fort Worth)	W. P. Jurgensen	...	648	1,110	19	63	1,704	...	...	...	...	...	...	10000-12000	O
Terrell State (Terrell)	R. S. Glen	...	100	150	0	...	560	...	...	...	...	...	...	10800-12000	O
<b>Galveston</b>															
University of Texas Medical Branch Hospitals	H. F. Ford	...	175	1,596	6	50	4,881	12	12	12	0	0	36	6500-12000	P
<b>Houston</b>															
Baylor University Affiliated Hospitals	A. D. Pokorny	...	...	...	...	...	...	10	10	10	0	0	30	8000-10000	O
Ben Taub General	...	...	24	378	0	0	4,807	...	...	...	...	...	...	...	...
Methodist	...	...	38	720	1	0	...	...	...	...	...	...	...	...	...
Texas Research Institute of Mental Sciences	...	...	27	334	0	0	14,224	...	...	...	...	...	...	...	...
Veterans Admin.	...	...	386	1,845	22	36	5,123	...	...	...	...	...	...	...	...
<b>San Antonio</b>															
Santa Rosa Medical Center	W. H. Lewis	...	101	1,435	4	2	308	3	3	3	0	0	9	10200-10200	P
<b>Terrell</b>															
Terrell State - See Univ. of Tex. Southwestern Med. Sch. Aff. Hosps., Dallas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>UTAH</b>															
<b>Provo</b>															
Utah State - See University of Utah Affiliated Hospitals, Salt Lake City	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Salt Lake City</b>															
University of Utah Affiliated Hospitals	C. H. H. Branch	...	...	...	...	...	...	5	5	5	2	0	17	...	...
University	C. H. H. Branch	...	19	459	1	100	4,986	...	...	...	...	...	...	7200-12000	P
Veterans Admin.	J. H. Latimer	...	177	502	4	25	...	...	...	...	...	...	...	4830-6750	...
Utah State (Provo)	H. E. Beagler	...	523	1,289	53	22	0	...	...	...	...	...	...	3600-4800	F
<b>VERMONT</b>															
<b>Burlington</b>															
Medical Center Hospital of Vermont	H. R. Huessy	...	29	529	...	...	3,135	4	5	5	1	1	16	6600-12000	O
<b>VIRGINIA</b>															
<b>Charlottesville</b>															
University of Virginia	D. R. Hawkins	...	31	361	0	0	3,270	6	8	5	0	0	19	6000-12000	O
<b>Petersburg</b>															
Central State	H. Sormus	...	4,455	2,790	333	7	749	6	5	4	0	0	15	9168-10032	O

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

23. PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>VIRGINIA—Continued</b>														
<b>Richmond</b>														
Medical College of Virginia-Hospital Division	H. Lederer	36	1,783	4	25	5,762	6	6	6	0	0	18	7800-8800	P
<b>Williamsburg</b>														
Eastern State	J. Mullaney	2,419	2,642	287	21	0	4	4	4	0	0	12	9168-10032	O
<b>WASHINGTON</b>														
<b>Fort Steilacoom</b>														
Western State	K. E. Humiston	1,509	1,997	123	44	9,792	4	4	4	0	0	12	10800-12000	...
<b>Seattle</b>														
University of Washington Affiliated Hospitals	H. S. Ripley	...	...	...	...	...	15	15	15	2	0	47	...	...
King County	F. Draper	23	2,250	1	0	2,315	...	...	...	...	...	...	6000-12873	P
University	H. S. Ripley	36	416†	...	...	9,716	...	...	...	...	...	...	6000-12873	P
Veterans Admin.	M. H. Johnson	71	569	...	...	1,290	...	...	...	...	...	...	5500-8460	P
<b>Sedro Woolley</b>														
Northern State	S. Spiro	774	1,088	81	49	...	4	3	3	0	0	10	10800-12000	O
<b>WEST VIRGINIA</b>														
<b>Morgantown</b>														
West Virginia University Medical Center	W. W. Spradlin	11	145	0	0	2,050	4	4	4	0	0	12	7000-...	O
<b>WISCONSIN</b>														
<b>Madison</b>														
University of Wisconsin Affiliated Hospitals	M. H. Miller	...	...	...	...	...	12	12	12	5	0	41	...	...
University Hospitals	...	37	594	...	...	18,191	...	...	...	...	...	...	4400-12000	P
Mendota State	...	629	2,100	29	38	2,794	...	...	...	...	...	...	4400-12000	P
Winnebago State (Winnebago)	G. O. Lysloff	729	2,010	62	43	492	...	...	...	...	...	...	12400-12400	P
<b>Milwaukee</b>														
Associated Training Program of Milwaukee Hospitals	B. Jackson	...	...	...	...	...	6	6	6	0	0	18	...	...
Milwaukee Psychiatric (Wauwatosa)	B. Jackson	120	341	5	20	5,240	...	...	...	...	...	...	6500-7400	O
Veterans Admin. Center (Wood)	B. Jackson	103	720	2	0	7,364	...	...	...	...	...	...	7200-10600	...
Milwaukee Children's	H. D. Sackin	0	0	0	0	...	...	...	...	...	...	...	...	...
Milwaukee County Mental Health Center-North Division	H. Lazarus	...	...	...	0	...	7	7	8	0	0	22	6000-12000	O
<b>Wauwatosa</b>														
Milwaukee Psychiatric - See Assoc. Training Prog. of Milwaukee Hospitals, Milwaukee	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Winnebago</b>														
Winnebago State - See University of Wisconsin Affiliated Hospitals, Madison	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Residency programs in the following hospitals have been approved for TWO years of training by the Council on Medical Education and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level.) Programs, 9; Residencies, 94

NONFEDERAL AND VETERANS ADMINISTRATION

<b>CALIFORNIA</b>														
<b>San Francisco</b>														
Pacific Medical Center - Presbyterian	J. Kahn	12	204	1	0	5,918	3	3	3	0	0	9	6600-8100	O
<b>ILLINOIS</b>														
<b>Galesburg</b>														
Galesburg State Research	T.T.Tourlentes	1,420	538	107	13	3,710	4	4	0	0	0	8	4800-16000	P
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Beth Israel	J. Vorenberg	...	...	...	...	12,314	2	2	2	1	1	8	6000-10000	...
<b>NEW YORK</b>														
<b>Helmut</b>														
Gowanda State	J. R. Haight	3,508	936	347	23	2,171	...	...	...	...	...	6	8112-9145	O
<b>Willard</b>														
Willard State	A. N. Mustille	2,976	1,156	256	35	2,556	...	...	...	...	...	9	8112-9145	P
<b>Wingdale</b>														
Harlem Valley State	L. P. Roberts	4,271	836	326	33	4,150	6	6	0	0	0	12	8112-9145	O
<b>PENNSYLVANIA</b>														
<b>Allentown</b>														
Allentown State	H. T. Fiedler	1,506	208	91	38	2,476	4	4	0	0	0	8	8580-9923	O
<b>Danville</b>														
Danville State	L. R. Angus	2,065	685	136	19	3,988	3	3	2	1	1	10	10954-12675	O
<b>RHODE ISLAND</b>														
<b>Howard</b>														
Rhode Island Medical Center-Institute of Mental Health	J. Karamanos	1,870	2,500	14	64	5,800	8	8	8	0	0	24	8000-9500	F

Residency programs in the following hospitals have been approved for ONE year of training by the Council on Medical Education and the American Board of Psychiatry and Neurology, through the Residency Review Committee for Psychiatry and Neurology. (Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology, Inc., should refer to the Board requirements that the candidate have had at least two of the three years of his training in a program or programs approved at the two or three year level.) Programs, 11; Residencies, 40

UNITED STATES PUBLIC HEALTH SERVICE

<b>MARYLAND</b>														
<b>National Institutes of Health - Clinical Center, Bethesda<sup>65</sup></b>														
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

23. PSYCHIATRY — Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Neurosy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>CALIFORNIA</b>														
<b>Pomona</b>														
Pacific State <sup>65</sup>	V.G. Bugh	2,739	260	44	59	4,941	0	1	1	0	1	3	6852-14916	O
<b>San Francisco</b>														
St. Francis Memorial	L. J. Whitsell	19	511†	2	100	24,852	1	0	1	0	0	2	4800-6000	P
<b>COLORADO</b>														
<b>Denver</b>														
Denver General <sup>93</sup>	H. G. Whittington	13	642	1	0	39,876	0	0	4	0	0	7†	5738-5738	P
<b>CONNECTICUT</b>														
<b>New Canaan</b>														
Silver Hill Foundation <sup>65</sup>	E.T.Hupalowsky	46	271	1	0	6,076	0	0	2	0	0	2	14500-14500	O
<b>MARYLAND</b>														
<b>Rockville</b>														
Chestnut Lodge <sup>65</sup>	D. M. Bullard	80	64	0	0	3,825	0	0	4	0	0	4	10000-10000	...
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Peter Bent Brigham	H.M. Fox	...	...	...	...	...	...	...	...	...	...	3	8500-10500	O
<b>Stockbridge</b>														
Austen Riggs Center <sup>65</sup>	O. A. Will, Jr.	39	40	0	0	2,462	0	0	7	7	7	7	9000-13000	O
<b>Taunton</b>														
Taunton State	T. Iida	1,395	1,115	134	48	7,931	8	0	0	0	0	8	10169-10631	O
<b>Waltham</b>														
Walter E. Fernald State School	N. Bernstein	2,329	34	37	70	208	...	...	...	...	...	1	4895-6185	O
<b>NEW YORK</b>														
<b>Port Chester</b>														
High Point <sup>65</sup>	A. Gralnick	41	70	...	...	...	0	0	2	0	0	2	10000-11000	...
<b>Thiells</b>														
Letchworth Village <sup>65</sup>	J. Schneider	4,125	126	93	57	189	0	0	1	0	0	1	8112-9145	F

CHILD PSYCHIATRY

\*The following residency training programs in Child Psychiatry are approved for TWO years of training in the sub-specialty of Child Psychiatry by the Council on Medical Education, the American Board of Psychiatry and Neurology and its Committee on Certification in Child Psychiatry, through the Residency Review Committee for Psychiatry and Neurology. Institutions identified with an asterisk (\*) hold dual approvals: 1) for one year of training in Child Psychiatry offered as an affiliated year in a program of general psychiatry; 2) for two years of training in Child Psychiatry offered independently. Applicants intending to qualify for examination by the American Board of Psychiatry and Neurology should refer to the Information for Applicants published by the American Board of Psychiatry and Neurology. Programs, 106; Residencies, 738

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
				1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES ARMY</b>												
<b>DISTRICT OF COLUMBIA</b>												
Walter Reed General *, Washington	D.Devaris	...	...	4,400	2	2	0	0	0	4	...	...
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>												
<b>ALABAMA</b>												
<b>Birmingham</b>												
University of Alabama Hospitals and Clinics *	J. N. Sussex	11	117	4,096	2	2	0	0	0	4	7440-12000	P
<b>CALIFORNIA</b>												
<b>Berkeley</b>												
East Bay Clinic for Child Psychiatry *	C.R.Graham	27	99	6,661	4	4	0	0	0	8	7000-8000	O
<b>Los Angeles</b>												
Cedars-Sinai Medical Center	...	...	...	...	0	0	0	3	0	3	8100-9000	P
Mount Sinai Hospital Division*	S. Brown	...	...	...	6	6	0	0	0	12	9528-10164	P
Los Angeles County-U.S.C. Medical Center	J. Teicher	32	63	11,542	0	0	2	3	3	8	7000-8000	O
Reiss-Davis Child Study Center *	R.L. Motto	133	183	35,088	0	0	0	4	4	8	13563-14196	O
U. C. L. A.*	H. W. Work	37	66	2,728	0	0	0	4	4	8	13563-14196	O
<b>Palo Alto</b>												
Stanford Medical Center Child Psychiatry Clinic*	H. F. Shirley	15	143	2,964	4	4	1	0	0	9	6200-7800	O
<b>Pasadena</b>												
Pasadena Child Guidance Clinic *	J.M. Mead	45	488	9,269	0	0	2	2	1	5	8000-12000	O
<b>San Francisco</b>												
Children's Hospital and Adult Medical Center*	R. Kimmich	...	...	12,681	...	...	...	...	...	...	...	...
Mount Zion Hospital and Medical Center*	E. Weinschel	...	...	5,019	0	0	0	2	0	2	7500-9300	P
St. Mary's*	M. Khlentzos	19	309	3,535	4	4	0	0	0	8	12000-12000	O
University of California Program	...	...	...	...	...	...	...	...	...	...	...	...
Langley Porter Neuropsychiatric Institute*	S. A. Szurek	10	5	8,159	3	3	0	0	0	6	...	...
<b>COLORADO</b>												
<b>Denver</b>												
University of Colorado Medical Center*	H. Gaskill	13	110	12,436	0	0	6	6	0	12	8000-12000	O

CHILD PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>CONNECTICUT</b>												
<b>Hartford</b>												
Institute of Living-Children's Clinic*	F.G.Bucknam	20	34	4,336	0	0	0	1	1	2	6500-9500	O
<b>New Haven</b>												
Yale University Child Study Center*	A. J. Solnit	...	122	3,062	4	4	0	0	0	8	7500-12000	O
<b>DISTRICT OF COLUMBIA</b>												
<b>Washington</b>												
Catholic University of America*	...	...	...	...	1	1	0	0	0	2	...	...
Children's Hospital of the District of Columbia*	S. Werkman	1	2†	4,400	0	0	4	4	2	10	5000-8000	O
Georgetown University Medical Center*	E. S. Kessler	0	0	3,573	3	3	0	0	0	6	5000-9000	O
<b>FLORIDA</b>												
<b>Gainesville</b>												
William A. Shands Teaching Hosp. and Clinics*	P. L. Adams	18	20	4,716	4	4	0	0	0	8	8000-12500	O
<b>GEORGIA</b>												
<b>Atlanta</b>												
Emory University Children's Clinic*	R. Ward	...	...	3,002	0	0	2	3	3	8	...-13000	P
Georgia Mental Health Institute	...	...	...	...	...	...	...	...	...	...	...	...
<b>ILLINOIS</b>												
<b>Chicago</b>												
Institute for Juvenile Research*	S. Eisen	756	877	13,882	0	0	7	7	0	14	6600-9480	O
Michael Reese Hospital and Medical Center*	J. Spurlock	...	...	2,828	0	0	3	3	0	6	5800-8400	P
Presbyterian-St. Luke's*	A.H.Norton	13	68	6,482	0	0	4	4	0	8	8000-12000	P
University of Chicago Hospitals and Clinics*	J. F. Kenward	40	10	3,651	2	2	0	0	0	4	7000-10300	O
<b>INDIANA</b>												
<b>Indianapolis</b>												
Indiana University Medical Center*	J.E.Simmons	...	...	...	0	0	4	4	0	8	...	...
Indiana University Hospitals	...	...	...	2,758	...	...	...	...	...	...	9420-12000	P
Larue D Carter Memorial	...	33	59	481	...	...	...	...	...	...	9420-12000	P
<b>IOWA</b>												
<b>Des Moines</b>												
Des Moines Child Guidance Center	G. P. Inge, 2d	...	...	...	...	...	...	...	...	...	...	...
<b>Iowa City</b>												
State Psychopathic*	R.L.Jenkins	13	37	1,579	1	0	0	0	1	2	8500-12000	O
<b>KANSAS</b>												
<b>Kansas City</b>												
University of Kansas Medical Center*	P. C. Laybourne	...	...	3,463	3	3	0	0	0	6	8000-12000	P
<b>Topeka</b>												
Children's Division, the Menninger Foundation*	H. Clemmer	55	79	4,965	8	8	0	0	0	16	7200-12000	O
<b>KENTUCKY</b>												
<b>Louisville</b>												
Louisville Child Guidance Clinic*	J. F. Ice	41	481	9,841	0	0	2	2	0	4	7200-12000	O
<b>LOUISIANA</b>												
<b>New Orleans</b>												
Tulane University School of Medicine*	C. Phillips	...	...	...	3	3	0	0	0	6	5000-8400	O
<b>MARYLAND</b>												
<b>Baltimore</b>												
Johns Hopkins*	A. Rodriguez	...	...	1,983	0	0	4	4	0	8	5000-...	P
University of Maryland*	F. Rafferty	10	6	2,202	4	4	0	0	0	8	6000-6900	P
<b>MASSACHUSETTS</b>												
<b>Belmont</b>												
Beaverbrook Guidance Center	C. Hudson	0	0	5,400	...	...	...	...	...	...	5000-10107	...
<b>Boston</b>												
Beth Israel	S. J. Onesti	...	...	...	3	1	1	0	0	5	6000-10000	...
Boston University-Boston City Hospital Guidance Center*	E. N. Rexford	23	...	2,831	2	2	0	0	0	4	5000-7000	O
Children's Hospital Medical Center*	G. Gardner	...	...	11,219	3	3	0	0	0	6	5000-8000	O
Douglas A. Thom Clinic for Children*	H. Weintraub	30	189	4,206	0	0	2	2	0	4	5000-5000	O
James Jackson Putnam Children's Center*	P.H.Gates	...	...	9,030	0	0	2	2	0	4†	5000-8000	O
Judge Baker Guidance Center*	D. Bullard, Jr.	27	11	11,510	4	3	0	0	0	7	5000-8000	...
Massachusetts General*	J. Lamont	...	...	2,728	0	0	0	2	2	4	8100-9000	O
Massachusetts Mental Health Center*	G. Rochlin	6	3	3,981	2	5	0	0	0	7	5000-9000	O
Tufts-New England Medical Center*	M. Stocking	0	0	5,046	0	1	1	0	0	2	6600-9000	O
<b>Cambridge</b>												
Cambridge Mental Health Center*	C. K. Tagiuri	25	350	6,250	0	0	0	2	1	3	...	O
<b>Quincy</b>												
South Shore Mental Health Center*	E. C. Woicik	0	0	12,000	0	0	0	2	2	4	7000-12000	O
<b>Waltham</b>												
Metropolitan State*	D. Gair	80	206	8,900	0	0	3	3	3	9	5000-10107	P
<b>Worcester</b>												
Worcester Youth Guidance Center*	H. L. Wylie	...	...	9,770	4	4	0	0	0	8	7000-9500	O
<b>MICHIGAN</b>												
<b>Ann Arbor</b>												
University*	F. M. Finch	46	57	10,504	8	8	2	0	0	18	7500-10188	O
<b>Detroit</b>												
Children's Center of Wayne County*	H. H. Comly	...	...	...	...	...	...	...	...	...	...	...
Lafayette Clinic*	C. B. Simson	34	137	7,513	0	0	5	3	2	10	10210-16432	O
<b>Northville</b>												
Hawthorn Center	R.D.Rabinovitch	136	231	5,482	2	0	5	5	2	14	9876-18076	O
<b>MINNESOTA</b>												
<b>Minneapolis</b>												
University of Minnesota Hospitals*	R. A. Jensen	15	112	2,737	0	0	3	2	0	5	5500-12000	O
<b>Rochester</b>												
Mayo Graduate School of Medicine*	J. G. Delano	15	550	2,200	3	3	0	0	0	6	7200-8700	P
Mayo Clinic	...	...	...	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

CHILD PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O P F
					1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MINNESOTA — Continued</b>												
<b>St. Paul</b>												
Amherst H. Wilder Child Guidance Clinic *	D. S. Thorsen	...	1,065	21,028	...	...	...	...	...	3	8674-10674	O
<b>MISSOURI</b>												
<b>Columbia</b>												
University of Missouri Medical Center*	F. Tapia	21	54‡	1,013	3	3	0	0	0	6	9800-12100	P
<b>Kansas City</b>												
Grtr. Kansas Cty. Mntl. Hlth. Fndn., U. Mo. Sch. Med., Kans. City Div*	J.R. Harte	15	164	12,000	0	0	4	2	0	6	9800-21000	O
<b>St. Louis</b>												
William Greenleaf Eliot Div. of Child Psych.-Wash. U. Sch. of Med.*	E.J. Anthony	55	38	9,696	0	0	4	4	0	8	10500-12100	O
<b>NEBRASKA</b>												
<b>Omaha</b>												
Nebraska Psychiatric Institute*	E. T. Beitenman	11	27	3,578	0	0	0	3	3	6	6000-12000	O
<b>NEW HAMPSHIRE</b>												
<b>Hanover</b>												
Mary Hitchcock Memorial	R. Sobel	...	...	...	4	1	0	0	0	5	9000-9500	O
<b>NEW JERSEY</b>												
<b>Eatontown</b>												
Children's Psychiatric Center*	G. Chung	...	...	...	...	...	...	...	...	...	...	...
<b>Trenton</b>												
Child Guidance Center of Mercer County*	N.N. Boonin	0	0	10,143	0	0	1	1	1	3	8500-11000	O
<b>NEW YORK</b>												
<b>Albany</b>												
Albany Child Guidance Center for Psychiatric Services*	L. Sportsman	150	200	4,000	0	0	1	1	2	4	7000-12000	O
<b>New York City</b>												
Albert Einstein College of Medicine Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...
Bronx Municipal Hospital Center*	J. B. Cramer	8	31	15,112	10	8	2	2	0	22	4980-6000	O
Brooklyn Psychiatric Centers*	...	...	...	...	0	0	1	1	0	2	...	...
City Hospital Center at Elmhurst*	H. Weinstock	35	464	3,314	4	4	0	0	0	8	8800-10300	F
Columbia University Affiliated Hospitals*	W. S. Langford	...	...	...	6	6	0	0	0	12	8000-9000	O
New York State Psychiatric Institute Presbyterian	...	14	25	1,856	...	...	...	...	...	...	...	...
Hillside*	S. Nichtern	16	21	13,079	4	2	0	0	0	6	10000-12000	O
Madeleine Borg Child Guidance Institute*	A. H. Esman	...	...	29,491	0	0	1	4	4	9	7000-10000	...
Mount Sinai*	A. Blau	13	64	4,000	6	1	0	0	0	7	7500-...	P
New York (Payne Whitney Psychiatric Clinic)*	B. New	...	...	2,400	0	0	2	2	0	4	7000-7500	P
New York Medical College-Metropolitan Hospital Center*	R. La Vietes	...	...	...	0	0	3	3	0	6	6000-7000	F
Unit 1 - Flower and Fifth Avenue Hospitals	...	...	...	323	...	...	...	...	...	...	...	...
Unit 2 - Metropolitan	...	...	...	3,221	...	...	...	...	...	...	...	...
Unit 3-Bird S. Coler Memorial Hospital and Home	...	...	...	...	...	...	...	...	...	...	...	...
New York University - Bellevue Medical Center*	S. B. Wortis	...	...	...	0	0	4	4	0	8	...	...
Bellevue Hospital Center	B. Fish	72	645	5,225	...	...	...	...	...	...	5780-6000	P
University	B. Fish	...	...	...	...	...	...	...	...	...	8240-8880	P
Postgraduate Ctr. for Mental Health, Clinic for Children & Adolescents	B. B. Pfeffer	50	300	8,230	2	1	0	0	0	3	9500-10000	O
St. Luke's Hospital Center*	J. Cotton	...	...	1,127	0	0	1	1	0	2	7000-7500	P
Staten Island Mntl. Hlth. Ctr.-St. Vincent's Med. Ctr. of Richmond*	R. M. Silberstein	...	...	2,863	0	0	3	3	3	9	10000-12000	O
Staten Island Mental Health Center	...	...	...	...	...	...	...	...	...	...	...	...
St. Vincent's Medical Center of Richmond	...	...	...	...	...	...	...	...	...	...	...	...
State University - Kings County Medical Center*	M. Stein	...	...	...	0	0	3	3	1	7	...	...
Kings County Hospital Center	...	7	73	5,059	...	...	...	...	...	...	5780-6200	P
State University	...	...	...	...	...	...	...	...	...	...	6690-8110	O
<b>Rhinebeck</b>												
Astor Home for Children*	G. Mora	52	18	800	0	0	1	2	1	4	5000-10000	FP
<b>Rochester</b>												
Rochester Mental Health Center*	W. I. Halpern	3	12	11,541	0	0	2	2	0	4	10800-12000	O
Strong Memorial Hospital of the University of Rochester*	C. G. Solky	15	...	1,615	0	0	2	2	0	4	7000-8000	P
<b>Schenectady</b>												
Schenectady County Child Guidance Center*	H. E. Karowe	...	248	3,451	0	0	2	2	0	4	7000-8000	O
<b>NORTH CAROLINA</b>												
<b>Chapel Hill</b>												
North Carolina Memorial*	...	...	...	...	...	...	...	...	...	...	...	...
<b>Durham</b>												
Durham Child Guidance Clinic, Duke University Medical Center*	H. J. Harris	157	419	10,562	0	0	4	4	1	9	6000-8000	O
<b>OHIO</b>												
<b>Cincinnati</b>												
University of Cincinnati Hospital Group*	O. M. Krug	...	...	...	0	0	8	7	1	16	5000-12000	P
Central Psychiatric Clinic	...	0	0	10,027	...	...	...	...	...	...	...	...
Child Guidance Home of the Jewish Hospital	...	14	7	5,443	...	...	...	...	...	...	...	...
<b>Cleveland</b>												
Cleveland Guidance Center*	G. R. Loomis	19	5,103	8,089	0	0	0	2	2	4	7000-8000	O
University Hospitals of Cleveland*	W. D. Boaz	9	33	7,311	2	2	0	0	0	4	7000-8000	P
<b>Columbus</b>												
Ohio State University Hospitals*	R. D. Coddington	20	40	1,800	3	3	0	0	0	6	8000-12000	P
<b>Dayton</b>												
Dayton Children's Psych. Hsp.-Child Guid. Ctr. Dayton-Montgomery Co.*	J. M. Cunningham	68	98	3,625	2	2	0	0	0	4	20384-26936	O

Numerical and other references are listed on pages 279 through 282.

CHILD PSYCHIATRY — Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Outpatient Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Main-tenance
					1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>OKLAHOMA</b>													
<b>Oklahoma City</b>													
University of Oklahoma School of Medicine*	M. D. Schecter		Inc. in Psych.		3	3	2	0	0	8	9000-12000	P	
<b>Tulsa</b>													
Children's Medical Center*	J. T. Proctor	33	175	21,974	0	0	3	3	0	6	10000-12000	O	
<b>PENNSYLVANIA</b>													
<b>Norristown</b>													
Montgomery County Mental Health Clinics*	S. I. Altman	0	0	7,092	2	2	0	0	0	4	5000-12000	O	
<b>Philadelphia</b>													
Albert Einstein Medical Center*	H. Kolansky		5+	1,300	3	3	0	0	0	6	7000-12000	O	
Child Study Center of Philadelphia*	B. A. Ruttenberg			10,777	3	3	3	3	3	6	6600-12000	O	
Eastern Pennsylvania Psychiatric Institute*	R. C. Prall	8	1	32,155	3	3	0	0	0	6	11501-13301	O	
Hahnemann Medical College and Hospital*	H. S. Belmont		Inc. in Med.	4,773	0	0	0	4	4	8	9000-10000	O	
Irving Schwartz Inst. for Children & Youth of the Phila. Psych. Ctr.	H. H. Herskovitz			19,500	0	0	1	1	2	49	9500-14500	P	
Philadelphia Child Guidance Clinic*	C. A. Malone		383	6,361	0	0	4	5	9	5000-12000	O		
Philadelphia General*	W. Allen			2,207	1	1	0	0	0	2	10973-10973	O	
St. Christopher's Hospital for Children*	C. S. Settlege			7,508	3	3	0	0	0	6	5000-12000	O	
<b>Pittsburgh</b>													
Health Center Hospitals of the University of Pittsburgh*													
Western Psychiatric Institute and Clinic	R. Cohen			10,489	0	0	0	6	6	12	6250-11000	O	
<b>Wilkes-Barre</b>													
Childrens Service Center of Wyoming Valley*	M. E. Barnes	35	532	3,337	0	0	2	2	2	4	7000-10000	O	
<b>PUERTO RICO</b>													
<b>San Juan</b>													
Univ. of Puerto Rico School of Medicine (Department of Psychiatry)*	A. Figaredo	48	275	3,024	4	4	0	0	0	8	6900-13200	O	
<b>RHODE ISLAND</b>													
<b>Riverside</b>													
Emma Pendleton Bradley*	M. W. Laufer	65	18	6,354	0	0	2	2	0	4	10000-11000	P	
<b>TENNESSEE</b>													
<b>Nashville</b>													
Vanderbilt University*	J. Weinreb	11	19	681	2	2	0	0	0	4	7000-12000	P	
<b>TEXAS</b>													
<b>Dallas</b>													
University of Texas Southwestern Medical School*	J. E. Meeks	14	30	5,632	0	3	0	3	0	6	9000-10000	O	
Dallas Child Guidance Clinic	L. Claman												
<b>Houston</b>													
Texas Research Institute of Mental Sciences*	D. B. Hansen			1,512	0	0	3	3	0	6	10800-...	O	
<b>UTAH</b>													
<b>Salt Lake City</b>													
University of Utah Affiliated Hospitals* University	M. Egan			4,112	0	0	2	2	0	4	9800-12000	P	
<b>VIRGINIA</b>													
<b>Richmond</b>													
Virginia Treatment Center for Children*	D. Powers	39		3,522	3	3	0	0	0	6	8500-10000	P	
<b>WASHINGTON</b>													
<b>Seattle</b>													
University of Washington Affiliated Hospitals* University	I. N. Berlin	11	39+	5,592	4	4	0	0	0	8	7000-12000	P	
<b>WISCONSIN</b>													
<b>Madison</b>													
University of Wisconsin Affiliated Hospitals* University Hospitals	J. C. Westman				0	0	4	4	0	8	7600-13050	P	
Childrens Treatment Center		30	45	1,486									
		25	21	3,025									
<b>Milwaukee</b>													
Milwaukee Children's	H. D. Sackin	0	0		0	0	3	3	0	6	8400-9020	P	
Milwaukee County Mental Health Center	J. Johnson				0	0	3	3	2	8	7800-14000	O	

24. PUBLIC HEALTH

The programs in Public Health which have been approved by the Council on Medical Education and American Board of Preventive Medicine through the Residency Review Committee for Preventive Medicine, are listed under Preventive Medicine, page 243.

25. RADIOLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education and the American Board of Radiology through the Residency Review Committee for Radiology. These programs are approved for THREE years of training in all phases of Radiology. All programs listed offered three years of training intramurally, or on an integrated basis, or through affiliation with another approved Institution. Programs, 265; Residencies, 2,701

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
						1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>													
<b>CALIFORNIA</b>													
David Grant U.S.A.F., Fairfield <sup>17,22</sup>	W.Nafis	61,998	15	2,151		1	1	1	1	0	4		
<b>TEXAS</b>													
Wilford Hall U.S.A.F., San Antonio	R. J. Kurth	143,146	208	524	19,971	4	4	4	0	0	12		

Numerical and other references are listed on pages 279 through 282.

25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
						1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES ARMY</b>													
U. S. Army Coordinated Program													
Letterman General, San Francisco, Calif.	L. D. Graybill	69,816	15	2,967	0	3	3	3	0	0	9		
Fitzsimons General, Denver, Colo.	P. E. Siebert	243,003	29	3,333	0	2	2	2	0	0	6		
Walter Reed General, Washington, D.C.	L.C. Hamilton	108,188	177	1,427	18,058	4	4	6	0	0	14		
Tripler General, Honolulu, Hawaii	E. P. McKcown	85,888	48	923	1,533	3	3	0	0	0	6		
Brooke General, San Antonio, Texas	L. J. Bisaccia	113,084	90	5,876	0	4	4	4	0	0	12		
<b>UNITED STATES NAVY</b>													
U. S. Navy Coordinated Program													
U.S. Naval, Oakland, Calif.	J.S. Garrison	59,794	0	153	4,377	2	2	2	0	0	6		
U. S. Naval, San Diego, Calif.	D. E. Chandler	112,047	58	797	9,950	3	2	5	0	0	10		
U.S. Naval, Bethesda, Md.	L. T. Brown	73,704	28	422	4,729	3	3	3	0	0	9		
U.S. Naval, St. Albans, N.Y.	W. F. Hansen	82,521	12	388	2,592	1	1	2	0	0	4		
U.S. Naval, Philadelphia, Pa.	J. E. Turner	58,148	0	2,001	0	2	1	2	0	0	5		
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>													
<b>LOUISIANA</b>													
U. S. Public Health Service, New Orleans - See Charity Hospital of Louisiana, New Orleans, La.													
<b>MARYLAND</b>													
U. S. Public Health Service, Baltimore <sup>195</sup>	E. T. Van Der Smissen	29,731	11	1,134		3	3	3	0	0	9		
<b>NEW YORK</b>													
U. S. Public Health Service (Staten Island), New York City <sup>207</sup>	A. Rosenbaum	53,388	12	303	2,537	3	3	3	0	0	9		
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>													
<b>ALABAMA</b>													
<b>Birmingham</b>													
Birmingham Baptist Hospitals	P. A. Morgan, Jr.					2	2	2	0	0	6	6600-...	O
Birmingham Baptist Baptist Medical Center		38,735	35										
University of Alabama Medical Center	R.E. Roth					6	6	6	2	0	20		
University of Alabama Hospitals and Clinics	R.E. Roth	132,606	148	3,813	9,466							6240-8040	P
Veterans Admin.	M.M. Jumer	48,558	3	2,927	0							4830-8550	O
<b>ARIZONA</b>													
<b>Phoenix</b>													
St. Joseph's	J. J. Riordan	38,695	17	5,417	0	1	1	1	0	0	3	6000-7200	F
<b>ARKANSAS</b>													
<b>Little Rock</b>													
Arkansas Baptist Medical Center	J. Lane	46,500	30	148	3,043	2	2	2	0	0	6	6300-7200	F
University of Arkansas Medical Center	H.J. Barnhard					6	6	6	0	0	18		
University	H.J. Barnhard	48,397	68	354	6,964							4900-5500	O
Veterans Admin. Consolidated	G. Dalrymple	170										4830-6750	P
<b>CALIFORNIA</b>													
<b>Loma Linda</b>													
Loma Linda University	W. L. Stilson	200	4,895	75	400	2	2	2	2	0	8	6198-7260	FP
<b>Long Beach</b>													
Memorial Hospital of Long Beach	F.M. Theisman	37,581	29	1,597	7,586	1	1	1	0	0	3	6000-7200	P
St. Mary's Long Beach	H. T. Vanley	36,166	47	1,500	8,862	1	1	1	1	0	4	6000-8400	P
Veterans Admin.	V. P. Johnson	96,710	44	1,874	5,634	5	5	5	0	0	15*	8032-10564	O
<b>Los Angeles</b>													
Cedars-Sinai Medical Center													
Cedars of Lebanon Hospital Division	D. Zion, H. Jaffe	34,410	8	565	11,985	3	3	3	0	0	9	6000-7200	P
Los Angeles County-U.S.C. Medical Center	G. Jacobson	310,992	345	7,952	7,031	12	12	12	3	0	48*	7632-9528	P
Queen of Angels <sup>27</sup>	S. Wilk	20,900	20	1,882	0	1	1	1	0	0	3	6000-7200	F
U. C. L. A.	W. N. Hanafce	64,444	60	2,144	10,045	6	6	6	6	0	24	5400-9500	O
Veterans Admin. Center, Wadsworth <sup>112</sup>	H. Peck	128,721	25	7,600	1,146	5	5	5	0	0	15	8032-10564	P
White Memorial Medical Center	I. Sanders	24,571	55	1,174	9,442	2	2	2	2	0	8	6660-8460	P
<b>Oakland</b>													
Highland General	D.L. Mack	46,158	26	21	48	2	2	2	0	0	6	7200-8400	P
<b>Orange</b>													
Orange County Medical Center	B.J. O'Loughlin	51,678	120		5,000	4	4	4	0	0	12	7296-9312	P
<b>Palo Alto</b>													
Stanford Medical Center and Affiliated Hospitals <sup>133</sup>						9	11	9	4	0	33		
Palo Alto-Stanford Hospital Center	H. S. Kaplan	38,259	67	1,678	31,301							5700-12000	O
Veterans Admin.	H.H. Jones	30,544	0	0	0								
<b>Sacramento</b>													
Sutter Community Hospitals of Sacramento	R. C. Ripple	32,331	95	3,044	16,283	1	0	1	0	0	2	6000-7800	O
<b>San Diego</b>													
University Hospital of San Diego County	E. C. Lasser	48,000	46	34		4	4	4	0	0	12	5200-6500	P
<b>San Francisco</b>													
Children's Hospital-Mount Zion Hospital and Medical Center-St. Mary's	J. C. Bennett												
Children's Hospital and Adult Medical Center	H. J. Burhenne	21,242	33	701	11,484	1	1	1	0	0	3	7800-9000	P
Mount Zion Hospital and Medical Center	S. B. Reich	34,692	5,528	2,831	3,478	5	5	4	3	0	17	7500-9300	P
Claire Zellerbach Saroni Memorial Tumor Institute	J. Vaeth												
St. Mary's	J. C. Bennett	26,061	18	889	0	1	1	1	0	0	3	7200-8400	O
University of California Program	A. R. Margulis					7	10	9	2	0	28		
H. C. Moffitt-University of California Hospitals	A. R. Margulis	77,410	1,008	12,071	12,071							5200-8400	O
San Francisco General	A. R. Margulis	70,000	20	100	1,500							4692-8652	P
Veterans Admin.	J. R. Amberg	54,357	1,492									4210-8230	O

Numerical and other references are listed on pages 279 through 282.

25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance O
						1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>CALIFORNIA—Continued</b>													
<b>San Jose</b>													
Santa Clara Valley Medical Center	J. Mc Cort	32,083	11	53	0	2	2	2	0	0	6	7238-8361	F
<b>Santa Barbara</b>													
Santa Barbara General-Cottage Hospitals	P. A. Riemenschneider	34,800	135	609	8,987	1	1	1	0	0	3	5100-6300	F
Santa Barbara General	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Santa Barbara Cottage	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Torrance</b>													
Los Angeles County Harbor General	W. Weidner	67,378	56	326	3,405	5	5	5	5	0	20	7632-9528	P
<b>COLORADO</b>													
<b>Colorado Springs</b>													
Penrose	J. W. Mc Mullen	41,649	3	.....	11,388	4	4	4	3	0	15	4800-7200	P
<b>Denver</b>													
General Rose Memorial <sup>87</sup>	M. Levine	40,036	11	2,261	.....	1	1	1	1	0	4	6600-12000	P
Presbyterian Medical Center	K.D.A. Allen	26,626	118	994	22,711	2	2	2	0	0	6	6000-6900	P
St. Joseph <sup>136</sup>	G. S. Maresh	37,712	15	1,537	0	1	1	1	0	0	3	5520-6420	P
St. Luke's	W. P. Stampfli	25,345	26	254	4,185	2	2	4	0	0	8	6600-7800	P
University of Colorado Affiliated Hospitals	M. L. Daves	.....	.....	.....	.....	7	7	7	0	0	21	.....	.....
Denver General	E. Salzman	44,266	6	687	0	.....	.....	.....	.....	.....	.....	4800-5738	P
University of Colorado Medical Center	M. L. Daves	48,230	22	1,610	7,104	.....	.....	.....	.....	.....	.....	4817-6730	P
Veterans Admin. <sup>138</sup>	M. L. Daves	41,997	0	1,763	.....	3	3	3	0	0	9	4610-8230	O
<b>CONNECTICUT</b>													
<b>Bridgeport</b>													
Bridgeport	J. J. Esposito	41,571	40	378	3,538	1	1	1	0	0	3	5400-7500	FP
St. Vincent's	R. D. Russo	32,733	45	1,834	0	1	1	1	0	0	3	5700-6300	P
<b>Hartford</b>													
Hartford	A. H. Janzen	73,757	64	3,910	15,645	2	2	2	0	0	6	7000-8500	P
<b>New Haven</b>													
Hospital of St. Raphael	R. Shapiro	40,742	136	2,645	9,643	2	2	2	0	0	6	5400-8220	P
Yale-New Haven Medical Center	.....	.....	.....	.....	.....	7	7	2	0	0	16	6600-8400	P
Yale-New Haven	M.M. Kligerman	85,569	351	362	12,345	.....	.....	.....	.....	.....	.....	.....	.....
Veterans Admin. (West Haven)	M.F. Keohane	22,210	26	4,439	0	.....	.....	.....	.....	.....	.....	.....	.....
<b>West Haven</b>													
Veterans Admin. - See Yale-New Haven Medical Center, New Haven	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>DELAWARE</b>													
<b>Wilmington</b>													
Wilmington Medical Center	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware Division	J. Aiden	88,394	130	3,955	6,795	3	3	3	0	0	9	6000-7200	P
<b>DISTRICT OF COLUMBIA</b>													
<b>Washington</b>													
District of Columbia General	B. Gondos	105,398	3,121	3,106	0	2	1	1	0	0	4	6500-8500	P
Georgetown University <sup>61</sup>	H. L. Twigg	46,736	7	1,358	.....	4	4	4	0	0	12	7000-9000	P
Veterans Admin.	P. F. Polani	65,063	5,496	35	.....	.....	.....	.....	.....	.....	.....	.....	.....
George Washington University <sup>151</sup>	W. M. Stanbro	49,297	17	1,260	6,110	2	2	2	0	0	6	7016-8018	P
Washington Hospital Center	R. M. Caulk	69,584	46	1,007	11,301	2	2	2	0	0	6	8200-8400	P
<b>FLORIDA</b>													
<b>Gainesville</b>													
William A. Shands Teaching Hosp. and Clinics	C. M. Williams	42,638	101	117	6,165	4	5	5	0	0	14	4500-5500	O
<b>Jacksonville</b>													
Duval Medical Center	H. Toch	50,123	28	5,448	5,351	1	1	1	0	0	3	7200-8400	P
<b>Miami</b>													
University of Miami Affiliated Hospitals	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jackson Memorial <sup>155</sup>	R. E. Parks	126,000	143	1,460	11,384	9	8	8	3	0	28	5693-6890	P
<b>Tampa</b>													
Tampa General	J. C. Hewitt	55,140	115	425	9,100	2	2	2	0	0	6	.....	.....
<b>GEORGIA</b>													
<b>Atlanta</b>													
Emory University Affiliated Hospitals <sup>258</sup>	T. F. Leigh	.....	.....	.....	.....	4	4	4	4	0	16	.....	.....
Emory University	T. F. Leigh	42,071	62	2,369	9,999	.....	.....	.....	.....	.....	.....	5700-6600	P
Veterans Admin.	S. Krantz	37,368	0	489	6,115	.....	.....	.....	.....	.....	.....	4830-8550	P
Grady Memorial	H. S. Weens	130,724	49	920	5,085	4	4	4	0	0	12	5700-6900	P
<b>Augusta</b>													
Medical College of Georgia Hospitals	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eugene Talmadge Memorial	M. D. Brown	35,190	38	273	3,696	3	3	3	0	0	0	4800-6600	P
<b>HAWAII</b>													
<b>Honolulu</b>													
Queen's	G. Liese	24,905	9	239	5,015	1	1	1	0	0	3	7800-9000	O
<b>ILLINOIS</b>													
<b>Chicago</b>													
Columbus	F. Lake, D. Lochman	28,672	55	3,075	6,981	2	2	2	1	0	7	6900-7500	P
Cook County	L. Love	156,498	90	265	18,000	10	10	10	0	0	32+	5400-7200	F
Illinois Masonic	W. Meszaros	44,426	13	171	2,804	2	2	2	0	0	6	7200-8400	FP
Mercy Hospital and Medical Center	D. F. Cooney	32,088	80	528	4,689	1	1	1	0	0	3	5700-6300	P
Michael Reese Hospital and Medical Center	B. Levin	81,748	83	1,423	9,177	5	4	4	1	0	14+	5800-8400	P
Northwestern University Medical Center	E. E. Barth	.....	.....	.....	.....	8	8	8	1	0	25	.....	.....
Chicago Wesley Memorial	A. Cannon	70,433	19	4,897	8,861	.....	.....	.....	.....	.....	.....	6000-7000	P
Children's Memorial	H. White	28,954	0	.....	612	.....	.....	.....	.....	.....	.....	6000-8000	P
Passavant Memorial	W. Bundesen	28,237	0	.....	.....	.....	.....	.....	.....	.....	.....	6000-7500	P
Veterans Admin. Research	E.G. Warnick, W.T. Moss	41,618	1	247	4,280	.....	.....	.....	.....	.....	.....	6400-8550	O
Evanston (Evanston)	H. C. Burkhead	54,411	16	771	9,294	.....	.....	.....	.....	.....	.....	6000-7000	P
Presbyterian-St. Luke's	F. H. Squire	115,596	70	1,000	12,000	4	4	4	2	0	14	6000-10000	P
University of Chicago Hospitals and Clinics	R. D. Moseley	90,432	81	8,028	1,783	7	6	6	7	0	26	6000-14500	O
University of Illinois Research and Educational Hospitals <sup>170</sup>	R. A. Harvey	67,186	109	8,502	4,327	3	2	3	0	0	8	5400-6200	P

25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Maintenance P F O
						1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>ILLINOIS—Continued</b>														
<b>Evanston</b>														
Evanston - See Northwestern University Medical Center, Chicago														
St. Francis	R. L. Del Fava	43,985	29	387	3,936	2	2	2	0	0	6	6780-7140	FP	
<b>Evergreen Park</b>														
Little Company of Mary	J. H. Uhrich	77,786	26	573	8,738	1	1	1	0	0	3	7200-7800	P	
<b>Hines</b>														
Veterans Admin. <sup>163</sup>	I. E. Kirsh	78,863	50	6,862	4,606	4	4	4	0	0	12	6400-7000	O	
<b>Oak Park</b>														
West Suburban	J.H. Gilmore	38,235	28	5,615	0	1	1	1	0	0	3	5800-7400	O	
<b>Peoria</b>														
St. Francis	P.R. Dirkse	41,895	13	2,614	...	1	1	1	0	0	3	5400-6000	F	
<b>INDIANA</b>														
<b>Indianapolis</b>														
Indiana University Medical Center	J.A. Campbell	...	...	...	...	6	7	7	0	0	20	...	...	
Indiana University Hospitals	J.A. Campbell	50,911	6,990	25	4,570	...	...	...	...	...	...	5100-6100	P	
Marion County General	W. Tosick	71,920	1,518	18	0	...	...	...	...	...	...	5764-6550	P	
Veterans Admin.	J. A. Campbell	44,416	11,794	10	2,048	...	...	...	...	...	...	4830-8550	O	
Methodist Hospital of Indiana	P. A. Dolan	88,584	10,320	805	9,425	3	1	1	0	0	3	5880-6480	P	
St. Vincent's	J.Morton	38,436	2,263	531	0	1	1	1	0	0	3	6100-8000	P	
<b>IOWA</b>														
<b>Des Moines</b>														
Iowa Methodist <sup>160</sup>	A.B. Phillips	33,117	37	733	4,979	1	1	1	0	0	3	6300-6900	F	
<b>Iowa City</b>														
University of Iowa Hospitals	H. B. Latourette	89,467	217	3,551	24,968	8	7	6	0	0	21	5000-6000	P	
<b>KANSAS</b>														
<b>Kansas City</b>														
University of Kansas Medical Center	D. Germann	58,798	6,554	498	...	3	3	3	0	0	9	4200-6060	P	
Veterans Admin. (Kansas City, Mo.)	M. F. Westfall	40,588	1	340	...	...	...	...	...	...	...	4830-6750	O	
<b>Wichita</b>														
St. Francis	J. R. Kline	50,375	23	841	5,730	2	2	2	0	0	6	6614-7217	FP	
<b>KENTUCKY</b>														
<b>Lexington</b>														
University	H. D. Rosenbaum	31,348	5,682	428	5,254	6	6	6	0	0	18	4560-6360	P	
<b>Louisville</b>														
St. Joseph Infirmary	E. N. Maxwell	31,949	113	807	7,567	1	1	1	0	0	3	6180-7380	P	
University of Louisville Affiliated Hospitals	J. T. Ling	...	...	...	...	4	4	4	4	0	16	...	...	
Louisville General	J. T. Ling	114,593	51	2,080	10,925	...	...	...	...	...	...	5000-5300	P	
Veterans Admin.	R. H. Akers	25,553	3	46	0	...	...	...	...	...	...	4830-6750	O	
Children's	L. A. Davis	12,992	0	0	0	...	...	...	...	...	...	...	...	
<b>LOUISIANA</b>														
<b>New Orleans</b>														
Charity Hospital of Louisiana	C. M. Nice	221,655	9,655	10,680	10,234	...	...	...	...	...	20	5400-6000	F	
U.S. Public Health Service	T. S. Caldwell	120	2	0	0	...	...	...	...	...	...	...	...	
Ochsner Foundation	B. C. Buchtel	104,110	13	681	6,035	3	3	3	0	0	9	6500-7500	O	
Touro Infirmary	A. Payzant	49,601	15	1,297	0	1	1	1	0	0	3	6191-7039	P	
<b>MAINE</b>														
<b>Portland</b>														
Maine Medical Center	J. F. Gibbons	47,561	80	1,134	6,943	2	2	2	0	0	3†	5850-8010	FP	
<b>MARYLAND</b>														
<b>Baltimore</b>														
Johns Hopkins	R. H. Morgan	110,000	100	500	13,500	6	6	6	6	0	24	5000-...	P	
Sinai Hospital of Baltimore	J. O. Salik	60,124	35	1,496	6,680	3	3	2	0	0	8†	5500-6500	P	
University of Maryland	J. Dennis	64,186	101	...	22,078	3	3	3	3	0	12	6100-7100	P	
<b>Hagerstown</b>														
Washington County	S.H.Macht	29,912	39	1,712	...	1	1	1	0	0	3	4200-9600	P	
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Beth Israel	M. Simon	31,463	...	1,477	...	2	1	3	0	0	6	6000-10000	...	
Boston University Medical Center	J. Shapiro	...	...	...	...	8	8	8	0	0	24	...	...	
Boston City University	...	162,878	35	188	7,986	...	...	...	...	...	...	8100-9000	O	
Lahey Clinic <sup>200</sup>	R. E. Wise	63,071	16	298	11,523	3	2	2	0	0	7	6600-8100	O	
Massachusetts General	L. I. Robbins	154,542	147	5,710	24,299	6	6	7	3	0	22	6600-9000	O	
Mount Auburn-Shattuck Associated Hospitals	J. Gary	...	...	...	...	1	1	1	0	0	3	6600-7800	O	
Lemuel Shattuck	J. B. Dealy	15,462	32	833	7,078	...	...	...	...	...	...	...	...	
Mount Auburn (Cambridge)	J. Gary	41,736	8	2,271	0	...	...	...	...	...	...	...	...	
New England Deaconess	M. Kellett, J. Marks	26,729	38	1,262	5,277	1	0	0	0	0	16	6600-8100	O	
New England Medical Center Hospitals	R. E. Paul, Jr.	48,419	17	1,790	0	2	2	2	0	0	6	6600-9000	O	
Peter Bent Brigham	H.I. Abrams	46,574	3	58	1,311	5	5	5	5	0	20	6600-10000	P	
Children's Hospital Medical Center	E.B.D. Neuhauser	55,000	0	5,500	500	...	...	...	...	...	...	...	...	
Veterans Admin. (Jamaica Plain)	E. G. Wissing	45,134	2	2,795	...	2	4	4	0	0	10	6600-10000	O	
<b>Cambridge</b>														
Mount Auburn - See Mount Auburn-Shattuck Associated Hospitals, Boston														
<b>MICHIGAN</b>														
<b>Allen Park</b>														
Veterans Admin. - See Wayne State Univ. Affiliated Hospitals, Detroit														
<b>Ann Arbor</b>														
University of Michigan Affiliated Hospitals	W. M. Whitehouse	...	...	...	...	9	9	9	0	0	27	...	...	
University	W. M. Whitehouse	91,459	105	1,589	13,527	...	...	...	...	...	...	5000-6000	O	
Veterans Admin.	R. Rapp	22,129	12	2,261	...	...	...	...	...	...	...	4830-8550	O	
Wayne County General Hospital and Infirmary (Eloise)	H. Fischer	67,395	1,017	221	...	...	...	...	...	...	...	6852-8500	F	
<b>Detroit</b>														
Grace	S. J. Figiel	60,997	126	5,091	11,747	2	2	2	0	0	6	6300-6900	P	
Harper	J. C. Cook	46,071	87	5,065	8,339	4	4	4	0	0	12	7500-8100	P	

## 25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P O
						1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MICHIGAN, Detroit—Continued</b>													
Henry Ford	W. R. Eyler	180,528	250	3,419	11,067	8	8	8	0	0	24	6180-6780	P
Mount Carmel Mercy	K. D. Mc Ginnis	61,401	34	1,426	...	2	2	2	0	0	6	6300-7200	P
Sinai Hospital of Detroit	M. H. Tatelman	43,962	32	2,093	9,241	1	1	1	0	0	3	6600-7800	P
Wayne State University Affiliated Hospitals	M. Tatelman	...	...	...	...	6	6	6	2	0	20	...	...
Veterans Admin. (Allen Park)	N. M. Jackiw	57,205	1	1,726	21	...	...	...	...	...	...	4830-8550	O
Detroit General	M. Tatelman	127,712	50	5,718	...	...	...	...	...	...	...	6500-7400	P
Detroit Memorial	M. Tatelman	18,437	26	...	4,333	...	...	...	...	...	...	...	P
Herman Kiefer	E. Harkaway	209,394	...	...	...	...	...	...	...	...	...	8331-9293	O
<b>Eloise</b>													
Wayne County General Hospital and Infirmary	See University of Michigan Affiliated Hospitals, Ann Arbor												
<b>Flint</b>													
Hurley	D.R. Limbach	51,085	9,587	1,037	0	2	2	3	1	0	8	6300-7800	P
<b>Grand Rapids</b>													
Blodgett Memorial	J. Gunn	37,636	10	781	6,339	1	1	1	0	0	3	7200-7500	P
Butterworth	E. Wahby	42,871	6,717	198	724	1	1	1	0	0	3	6900-7200	P
<b>Pontiac</b>													
St. Joseph Mercy <sup>52</sup>	E. J. Keefe	36,742	23	2,223	...	1	1	1	0	0	3	7560-8280	P
<b>Royal Oak</b>													
William Beaumont	J. E. Lofstrom	86,964	69	1,346	7,048	3	3	3	0	0	9	8880-9900	P
<b>Southfield</b>													
Providence	W. Irwin	52,149	49	1,372	7,222	2	2	2	0	0	6	8700-9300	P
<b>MINNESOTA</b>													
<b>Minneapolis</b>													
Swedish	A. Rholl	42,835	4,091	70	669	1	1	1	0	0	3	4320-5520	F
University of Minnesota Affiliated Hospitals <sup>216</sup>	H. O. Peterson	...	...	...	...	15	14	14	12	0	55	...	...
University of Minnesota Hospitals	H. O. Peterson	71,016	173	752	...	...	...	...	...	...	...	5500-7110	O
Veterans Admin.	J. Jorgens	74,007	25	1,557	7,313	...	...	...	...	...	...	5000-13507	O
<b>Rochester</b>													
Mayo Graduate School of Medicine	J. R. Hodgson, D. S. Childs, Jr.	325,517	417	4,949	30,583	12	12	12	0	0	36	5400-6800	P
Rochester Methodist	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Paul</b>													
Charles T. Miller	J. B. Coleman	23,937	11*	1,381	0	1	1	1	0	0	3	6600-7800	P
St. Joseph's <sup>17</sup>	J. P. Medelman	32,140	23	1,070	11,011	1	0	0	0	0	1	6000-...	P
<b>MISSISSIPPI</b>													
<b>Jackson</b>													
University of Mississippi Medical Center	R. D. Sloan	...	...	...	...	4	4	4	0	0	12	...	...
University	R. D. Sloan	55,621	107	1,339	8,108	...	...	...	...	...	...	5100-5700	O
Veterans Admin. Center	J. Schor	39,451	0	0	0	...	...	...	...	...	...	4830-6750	O
<b>MISSOURI</b>													
<b>Columbia</b>													
University of Missouri Medical Center <sup>222</sup>	G.S. Lodwick	52,444	156	408	5,064	4	4	4	0	0	12	5000-6000	P
<b>Kansas City</b>													
Menorah Medical Center	S. Rubin	29,756	320	55	430	1	1	1	0	0	3	6970-8290	P
Research and Affiliated Hospitals	A. B. Smith	...	...	...	...	1	1	1	1	0	4†	...	...
Children's Mercy	C. E. Shopfner	24,264	0	0	...	...	...	...	...	...	...	6000-6000	F
Research Hospital and Medical Center	A. B. Smith	59,193	28	262	6,785	...	...	...	...	...	...	6600-8400	F
Veterans Admin.	See University of Kansas Medical Center, Kansas City, Kansas												
<b>St. Louis</b>													
St. Louis City <sup>226</sup>	D. C. Weir	57,920	137	2,143	0	3	3	1	0	0	7	5305-6448	O
St. Louis University Group of Hospitals	D.C. Weir	86,324	130	1,944	8,853	2	2	2	0	0	6	6600-7800	O
Veterans Admin.	J.B. Shields	36,187	0	1,585	739	2	2	2	2	0	8	4830-6750	O
Washington University Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	24	...	...
Barnes Hospital Group (Mallinckrodt Institute of Radiology)	J. Taveras	106,242	11,222	537	8,724	...	...	...	...	...	...	6000-10000	O
Jewish Hospital of St. Louis	H. Senturia	37,965	47	239	5,095	...	...	...	...	...	...	5700-6900	P
<b>NEBRASKA</b>													
<b>Omaha</b>													
Creighton Memorial St. Joseph's	D. A. Dowell	40,891	16	60	6,054	2	2	2	0	0	6	6300-7200	P
University of Nebraska Affiliated Hospitals	H. B. Hunt	...	...	...	...	2	2	2	1	0	7	...	...
University of Nebraska	H. B. Hunt	19,353	47	169	3,006	...	...	...	...	...	...	4900-5500	P
Veterans Admin.	H. B. Saichek	33,043	1	1,155	0	...	...	...	...	...	...	4830-8550	P
<b>NEW HAMPSHIRE</b>													
<b>Hanover</b>													
Mary Hitchcock Memorial	W. C. MacCarty, Jr.	40,378	80	924	7,308	2	2	2	0	0	6	5600-7000	O
<b>NEW JERSEY</b>													
<b>Atlantic City</b>													
Atlantic City	M. D. Ritter	36,748	25	475	5,885	1	0	0	0	0	1	4800-5700	F
<b>Long Branch</b>													
Monmouth Medical Center	M. Brodie	32,237	25	507	5,114	1	1	1	0	0	3	5400-6000	P
<b>Morristown</b>													
Morristown Memorial	D. L. Bloom	39,761	30	1,036	3,586	1	1	1	1	0	4	6000-6750	F
<b>Newark</b>													
Newark Beth Israel	L. Spindell	31,620	6,923	597	0	1	1	1	0	0	3	5300-5900	F
<b>NEW MEXICO</b>													
<b>Albuquerque</b>													
Bataan Memorial Methodist	J.W. Grossman	39,709	34	1,282	5,772	2	2	2	1	0	7	5500-6100	P
<b>NEW YORK</b>													
<b>Albany</b>													
Albany Medical Center	J. F. Roach	69,938	30	1,270	11,948	2	2	2	0	0	6	6600-8700	P
Veterans Admin.	J. F. Roach	43,213	0	1,332	0	...	...	...	...	...	...	11461-14407	O

25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Main-tenance P O
						1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK—Continued</b>														
<b>Buffalo</b>														
Deaconess Hospital of Buffalo	R. E. Seibel	56,174	4,442	921	6,164	1	1	1	0	0	3	5300-7400	F	P
Edward J. Meyer Memorial	E. G. Eschner	57,378	4	99	2,098	4	1	2	1	0	8	5550-7260	F	P
Millard Fillmore	F. Sheehan	38,948	...	648	0	1	1	1	0	0	3	5300-6200	P	O
Roswell Park Memorial Institute	J. Webster	46,182	225	3,477	23,281	4	2	2	2	1	11	5020-6214	P	O
<b>Mineola</b>														
Nassau	H. Chiat	28,500	12	200	10,977	1	1	1	0	0	3	7500-8100	P	P
<b>New Hyde Park</b>														
Long Island Jewish <sup>264</sup>	B. S. Epstein	46,151	12	439	0	2	2	2	0	0	6	6000-7750	O	
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals	M. Elkin	...	...	...	...	10	10	9	4	2	35+	...	...	...
Bronx Municipal Hospital Center	...	137,739	77	2,110	9,828	...	...	...	...	...	...	4980-6200	F	
Hospital of the Albert Einstein College of Medicine	...	18,942	25	55	4,108	...	...	...	...	...	...	4980-6000	F	P
Bronx-Lebanon Hospital Center	R. M. Friedenberg	62,181	30	65	4,654	2	2	2	0	0	6	6000-7420	P	P
Cornell Cooperating Hospitals	J. A. Evans	...	...	...	...	8	8	5	0	0	21	...	...	...
New York Memorial Hospital for Cancer and Allied Diseases-James Ewing	...	112,250	54	...	4,447	...	...	...	...	...	...	6000-9000	P	
Hospital for Special Surgery	...	100,000	25,000	2,200	20,000	...	...	...	...	...	...	5950-10000	O	
Jewish Hospital and Medical Center of Brooklyn	D. Bryk	35,301	0	0	0	...	...	...	...	...	...	...	...	...
Lenox Hill	E. E. Brant	44,101	3,599	145	...	2	2	2	0	0	6	...	...	...
Long Island College	E. E. Brant	69,901	20	2,130	4,497	1	1	1	0	0	3†	5600-6400	P	P
Maimonides Medical Center	R. L. Pinck	52,291	30	968	7,415	3	2	1	0	0	6	5500-8000	P	P
Methodist Hospital of Brooklyn	E. Levin	50,580	28	1,525	650	1	1	1	0	0	3	6000-7750	P	P
Montefiore Hospital Training Program	N. F. Bartone, R. V. Grieco	47,780	21	497	4,339	2	2	2	0	0	6	6000-7100	...	...
Montefiore Hospital and Medical Center	H. G. Jacobson	...	...	...	...	8	8	8	0	0	24	6120-7880	P	
Morrisania City	...	89,053	74	956	12,985	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Training Program	...	63,249	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai	B. S. Wolf	102,111	84	43	13,095	6	4	5	0	0	15	6000-7500	P	P
City Hospital Center at Elmhurst <sup>4</sup>	E. Greenberg	85,750	...	997	...	2	2	2	0	0	6	6300-7800	F	P
New York Medical College-Metropolitan Hospital Center	R. M. Friedenberg	...	...	...	...	6	0	0	0	0	6	5930-6710	F	
Flower and Fifth Avenue Hospitals	...	35,520	11	9,140	0	...	...	...	...	...	...	...	...	...
New York University - Bellevue Medical Center <sup>217</sup>	M. H. Poppel	...	...	...	...	14	14	14	0	0	42	...	...	...
Bellevue Hospital Center	S. Schwartz	223,229	91	333	3,341	...	...	...	...	...	...	4980-5780	P	P
University	S. Schwartz	56,183	7,282	1,216	1,003	...	...	...	...	...	...	7440-8680	P	O
Presbyterian	W. Seaman	159,342	27	2,375	12,154	9	9	9	2	0	27	6000-7000	O	P
Queens Hospital Center	J. J. Smulewicz	110,930	28	...	4,652	5	5	5	0	0	15	5750-6500	O	F
Roosevelt	A. A. Dunn	68,706	42	182	6,387	3	3	3	0	0	9	5500-7500	P	P
St. Luke's Hospital Center	N. Finby	67,625	50,064	57	1,066	3	2	2	0	0	7	6000-7000	P	P
St. Vincent's Hospital and Medical Center of New York	F. F. Ruzicka, Jr.	78,520	39	357	4,663	4	4	4	2	0	14†	6440-7640	P	P
St. Vincent's Medical Center of Richmond	O. L. Manfredi	32,471	8	241	2,535	1	1	1	0	0	3	5700-6600	F	
State University-Kings County Medical Center	M. Z. Mellins	...	...	...	...	8	9	8	0	0	25	...	...	...
Kings County Hospital Center	...	226,059	197	337	7,680	...	...	...	...	...	...	4980-6000	P	
State University	...	13,042	...	...	...	...	...	...	...	...	...	6690-8110	O	O
Veterans Admin. (Bronx)	K. F. Chan	62,065	62	593	10,009	5	5	5	0	0	15	7090-13507	O	O
Veterans Admin. (Manhattan)	D. J. Principato	67,925	17	1,259	4,201	2	2	3	1	0	8	7090-8550	O	O
<b>Rochester</b>														
Rochester General	T. Van Zandt	39,045	28	1,093	4,217	2	2	2	0	0	6	7000-8000	P	
Strong Memorial Hospital of the University of Rochester	L. H. Hempelmann	57,322	44	568	7,776	4	4	4	0	0	12	5500-8500	P	
<b>Syracuse</b>														
S.U.N.Y. Upstate Medical Center	J. McAfee	86,425	9,390	264	0	7	6	6	1	0	20	6600-7500	O	
Veterans Admin.	J. Head	32,978	1,097	0	0	...	...	...	...	...	...	5050-6750	O	
<b>NORTH CAROLINA</b>														
<b>Chapel Hill</b>														
North Carolina Memorial	J. H. Scatliff	54,367	133	856	0	4	4	4	0	0	12	4500-6500	O	
<b>Durham</b>														
Duke University Affiliated Hospitals	R. G. Lester	...	...	...	...	10	10	10	5	0	35	...	...	...
Duke University Medical Center	...	96,799	92	1,802	15,313	...	...	...	...	...	...	5500-7000	P	
Veterans Admin.	...	39,379	772	4,035	...	...	...	...	...	...	...	4610-8230	O	
<b>Winston-Salem</b>														
North Carolina Baptist Hospitals	I. Meschan	60,383	35	2,191	4,346	4	4	4	4	0	16	5000-12000	P	
<b>NORTH DAKOTA</b>														
<b>Bismarck</b>														
Bismarck Affiliated Hospitals	S. K. Imes	...	...	...	...	1	1	1	0	0	3	6000-6000	O	
Bismarck	S. K. Imes	12,758	47	1,625	2,400	...	...	...	...	...	...	...	...	...
St. Alexius	J. A. Eriksen	15,953	...	610	...	...	...	...	...	...	...	...	...	...
<b>OHIO</b>														
<b>Akron</b>														
Akron City	H. G. Niemeyer	77,787	21	979	12,055	1	2	1	0	0	4	8420-9440	P	
Akron General	C. J. Miller, Jr.	48,154	6	3,230	...	1	1	1	0	0	3	8400-9200	P	
<b>Cincinnati</b>														
Jewish	L. Rosenberg	42,066	68	57	3,528	...	...	...	...	...	3	6000-7500	P	
University of Cincinnati Hospital Group	B. Felson	...	...	...	...	7	7	7	0	0	21	...	...	...
Cincinnati General	B. Felson	80,871	36	936	9,901	...	...	...	...	...	...	5640-6240	P	
Children's	N. Silverman	23,737	10	398	0	...	...	...	...	...	...	...	...	...
<b>Cleveland</b>														
Cleveland Clinic	T. F. Meaney	138,770	22	673	9,063	3	3	3	0	0	9	5400-6200	P	
Cleveland Metropolitan General <sup>281</sup>	H. Hauser	63,847	40	259	3,985	4	4	4	3	0	14†	5800-8700	P	
Mount Sinai Hospital of Cleveland <sup>282</sup>	G. Krause, M. Lubert	53,573	47	165	5,887	2	2	2	2	0	6	6600-9000	O	P
St. Luke's	D. Brannan	45,670	34	1,013	3,988	1	1	1	0	0	3	6600-8100	P	P
University Hospitals of Cleveland	H. L. Friedell	86,716	50	821	11,255	6	6	6	0	0	18†	6000-7500	P	P
Veterans Admin.	W. K. Littman	66,208	1,655	46	0	...	...	...	...	...	...	6850-15369	P	
<b>Columbus</b>														
Ohio State University Hospitals	S. Nelson	92,671	38	1,297	24,572	5	5	5	5	0	20+	4928-5928	P	
<b>Dayton</b>														
Miami Valley	D. E. Meininger	62,282	76	2,143	9,974	1	1	1	0	0	3	7800-8400	P	P
Veterans Admin. Center <sup>286</sup>	E. Gutman	39,651	1	3,647	0	2	2	2	0	0	6	6300-8230	O	

APPROVED RESIDENCIES

25. RADIOLOGY—Continued

State	City	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
							1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>OHIO—Continued</b>															
<b>Elyria</b>															
Elyria Memorial - See St. Joseph-Elyria Memorial Hospitals, Lorain															
<b>Lorain</b>															
		St. Joseph-Elyria Memorial Hospitals	D. A. Russell	34,666	8	77	3,197	2	2	2	0	0	6	6600-7200	F
		St. Joseph		36,244	98	1,176	2,813							6000-6600	F
		Elyria Memorial (Elyria)													
<b>Youngstown</b>															
		St. Elizabeth	R. Scheetz	60,463	31	3,389	0	1	1	0	0	0	2	5400-8100	FP
		Youngstown	F. Miller	57,064	57	6,422	4,047	2	2	2	0	0	7†	5400-8700	F
<b>OKLAHOMA</b>															
<b>Oklahoma City</b>															
		Baptist Memorial	R. A. Sukman	25,027	42	95	4,119	1	1	1	0	0	3	9000-9600	P
		St. Anthony	C. G. Coin	34,808	8,616	15	0	1	1	1	1	0	4	8700-9600	P
		University of Oklahoma Medical Center	S. P. Traub	44,831	4,991	707	3,648	6	6	6	6	0	24	5500-10000	
		University of Oklahoma Hospitals	S. P. Traub	12,494	7,591	26	0								
		Presbyterian	E. H. Kalmon	26,787											
		Veterans Admin.	S. P. Traub												
<b>OREGON</b>															
<b>Portland</b>															
		University of Oregon Medical School Hospitals and Clinics	C. T. Dotter	68,743	59	679	7,110	4	4	4	2	0	14	4200-6000	FP
<b>PENNSYLVANIA</b>															
<b>Abington</b>															
		Abington Memorial	C. H. Sillars	62,709	44	2,881	1,988	1	1	1	0	0	3	5400-7200	P
<b>Allentown</b>															
		Sacred Heart	M. Stamatakis	22,768	30	327	4,475	1	1	1	0	0	3	5000-6000	F
<b>Bryn Mawr</b>															
		Bryn Mawr	R. M. Harvey	36,816	21	3,651	0	1	1	1	0	0	3	4750-6100	F
<b>Danville</b>															
		Geisinger Medical Center	J. L. Williams	56,350	45	1,016	6,740	2	2	2	1	0	7	5800-6300	P
<b>Darby</b>															
		Thomas M. Fitzgerald Mercy	J. F. Mahoney	35,611	41	1,238	0	2	2	2	0	0	6	6600-7800	P
<b>Harrisburg</b>															
		Harrisburg Polyclinic	T. A. Tristan	135	16	466	9,901	1	1	1	1	0	4	7000-10000	F
<b>Philadelphia</b>															
		Albert Einstein Medical Center	H. Isard	92,689	75	3,776	9,883	4	4	4	0	0	12	5500-6500	FP
		Germantown Dispensary and Hospital	B. R. Young	43,388	31	1,218	4,436	2	1	1	0	0	4	6300-8400	FP
		Graduate Hospital of the University of Pennsylvania <sup>213</sup>	A. K. Finkelstein	36,069		608		4	4	4	4	0	16	5000-7000	P
		Presbyterian-University of Pennsylvania Medical Center	A. Finkelstein	23,978	101	849	13,600							5000-7000	P
		Hahnemann Medical College and Hospital	J. S. Lehman	55,524	141	9,559	14,214	4	4	4	3	0	15	4600-8000	P
		Hospital of the University of Pennsylvania	R. H. Chamberlain	90,904	96	837	17,334	6	6	8	8	2	30†	4000-11000	O
		Jefferson Medical College	I. M. Freundlich	58,400	80	312	14,002	9	9	5	6	1	30	5000-10000	O
		Misericordia	C. J. Rominger	32,534	10	1,001	8,006	2	2	2	0	0	2	6600-7800	F
		Nazareth	J. C. Beres	41,252	1,417	1,521	0	1	1	1	0	0	3	6300-6900	F
		Pennsylvania	W. J. Tuddenham	37,600	16	1,068	3,317	2	2	2	0	0	6	5300-5900	O
		Philadelphia General	G. Wohl	60,877	22	292	3,107	5	5	5	0	0	16†	6800-7700	O
		Temple University	H. M. Stauffer	64,792	14	1,343	12,530	6	6	6	2	0	20	5000-6200	P
		Veterans Admin. <sup>275</sup>	A. T. Shockman	36,176	8	2,401	0	2	2	4	0	0	8	4830-13507	O
<b>Pittsburgh</b>															
		Allegheny General	T. B. Childs	47,419	66	1,025	11,129	2	2	2	0	0	6	7500-8100	P
		Health Center Hospitals of the University of Pittsburgh	J. Feist					7	7	7	0	0	21		
		Children's Hospital of Pittsburgh	B. R. Girdany	41,198	0	0	0							6000-7800	O
		Magee-Womens	J. Mazur	22,387	60	1,211	17,037								
		Presbyterian-University	J. H. Feist	55,094	7	1,537	2,519							6000-8000	O
		Veterans Admin.	S. Poller	36,581	2	3,911	0							5500-6750	O
		Mercy	J. R. Lewin	64,839	14,864	492	708	2	2	2	0	0	6	6300-6900	P
		Montefiore	H. W. Friedman	41,197	23		6,401	1	1	1	0	0	3	6000-7000	P
		St. Francis General	J. A. Marasco, Jr.	52,509	39	4,450		2	2	2	0	0	6	8400-8400	P
		Western Pennsylvania	W. S. Mellon	58,000	47	2,348	0	2	2	2	0	0	6	5700-6300	P
<b>Reading</b>															
		Reading	G. W. Chamberlin	31,645	60	1,580	2,420	1	1	1	0	0	3	6600-7800	F
<b>Sayre</b>															
		Robert Packer	J. T. Littleton	32,087	21	1,959	2,283	1	1	1	1	0	4†	5000-6000	FP
<b>PUERTO RICO</b>															
<b>San Juan</b>															
		University of Puerto Rico Affiliated Hospitals	H. Pagan-Saez					6	6	6	2	0	20		
		I. Gonzalez Martinez Oncologic	V. Marcial	6,259	246	2,033	23,639							4800-6000	FP
		Industrial	H. Pagan-Saez	450	0	0	0							5700-7500	P
		Municipal Hospital Dr. Rafael Lopez Nussa	R. Diaz Bonnet	37,183											
		University District	H. Pagan-Saez	329	259	1,169	25,000							5700-7500	P
		Veterans Admin. Center	L. Ehrlich	11,922										5985-5985	O
<b>RHODE ISLAND</b>															
<b>Providence</b>															
		Rhode Island	T. Forsythe	58,756	78	2,282	16,158	1	1	1	0	0	3	7600-9100	P
<b>SOUTH CAROLINA</b>															
<b>Charleston</b>															
		Medical Center Hospitals	H. S. Pettit					4	4	4	0	0	12		
		Medical College		36,659	110	269	10,760							4380-5400	P
		Veterans Admin.		16,845		414								4830-6750	O
<b>TENNESSEE</b>															
<b>Chattanooga</b>															
		Baroness Erlanger	C. W. Reavis	76,255	3,793	281	1,183	2	1	1	0	0	4	6600-7200	F

Numerical and other references are listed on pages 279 through 282.

25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Orthovoltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Main-tenance
						1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>TENNESSEE—Continued</b>														
<b>Knoxville</b>														
University of Tennessee Memorial Research Center and Hospital	E. Buonocore	27,388	31	3,645	...	...	...	...	...	...	3	5100-5460	F	
<b>Memphis</b>														
Baptist Memorial	J. E. Whiteleather	98,537	69	517	9,538	2	0	0	0	0	2	5700-6300	F	
Methodist	J. C. King	78,104	93	1,296	8,219	3	3	3	0	0	9	5100-5700	F	
University of Tennessee Affiliated Hospitals	G. Cooper, Jr.	99,908	183	680	6,685	8	8	6	0	0	22	5016-6138	F	
City of Memphis Hospitals	G. Cooper, Jr.	71,054	9	474	4,416	...	...	...	...	...	...	7160-9160	O	
Veterans Admin.	B. E. Greenberg	...	...	...	...	...	...	...	...	...	...	...	...	
<b>Nashville</b>														
George W. Hubbard Hospital of the Meharry Medical College	G. J. Tarleton	13,180	20	1,114	...	1	1	1	0	0	3	5100-5700	F	
Vanderbilt University Affiliated Hospitals	E. C. Klatter	...	...	...	...	6	6	6	3	0	21	5220-6000	P	
Vanderbilt University	E. C. Klatter	157,914	10,599	2,387	0	...	...	...	...	...	...	...	...	
Veterans Admin.	V. A. Vix	44,381	12	1,783	0	...	...	...	...	...	...	...	...	
Nashville Metropolitan General	T. R. Duncan	31,471	43	...	117	...	...	...	...	...	...	...	...	
<b>TEXAS</b>														
<b>Dallas</b>														
Baylor University Medical Center	A. D. Sears	72,798	191	1,494	15,457	4	4	4	0	0	12	6600-7200	O	
Methodist Hospital of Dallas	R. B. Connor	35,000	6	262	2,225	2	1	1	0	0	4	6300-6900	P	
St. Paul	J. E. Miller	41,968	46	286	5,931	2	2	2	1	0	6†	6300-6900	P	
University of Texas Southwestern Medical School Affiliated Hospitals	F. J. Bonte	...	...	...	...	...	...	...	...	...	15†	...	...	
Parkland Memorial	F. J. Bonte	132,184	4,637	1,164	0	...	...	...	...	...	...	5160-6120	P	
Children's Medical Center	G. Currarino	13,863	0	0	0	...	...	...	...	...	...	...	...	
Veterans Admin. <sup>3016</sup>	D. Morkovin	61,212	5	308	3,695	2	2	2	0	0	6	4830-13507	P	
<b>Galveston</b>														
University of Texas Medical Branch Hospitals	R. N. Cooley	80,565	56	245	5,460	5	5	5	0	0	15	6000-7200	P	
<b>Houston</b>														
Baylor University Affiliated Hospitals	V. P. Collins	...	...	...	...	6	6	6	0	0	18	5100-6750	P	
Ben Taub General	...	110,064	78	234	1,526	...	...	...	...	...	...	...	...	
Methodist	...	77,117	289	12,387	...	...	...	...	...	...	...	...	...	
Veterans Admin.	...	79,288	99	1,083	1,334	...	...	...	...	...	...	...	...	
Texas Children's	...	18,105	0	0	0	...	...	...	...	...	...	...	...	
Hermann	J. D. Reeve	57,527	6,852	75	0	1	2	2	0	0	5	6600-7800	P	
St. Joseph <sup>311</sup>	C. W. Yates	54,340	60	175	4,200	2	2	2	0	0	6†	6300-7200	P	
University of Texas M. D. Anderson Hospital and Tumor Institute <sup>3019</sup>	G. D. Dodd	36,912	463	7,659	29,191	...	...	...	...	...	20†	5000-11000	O	
<b>San Antonio</b>														
Baptist Memorial	H. Elmendorf	38,183	3,146	643	...	1	1	1	0	0	3	5400-6600	FP	
University of Texas Medical School at San Antonio Teaching Hospitals	P. Zanca	...	...	...	...	9	3	3	0	0	15	...	...	
Robert B. Green Memorial	P. Zanca	54,275	42	73	2,183	...	...	...	...	...	...	6900-8700	O	
Santa Rosa Medical Center	A. Thaggard	55,480	3,528	497	3,588	...	...	...	...	...	...	5100-6900	F	
<b>Temple</b>														
Scott and White Memorial	D. N. Dysart	77,980	8	3,950	6,858	2	2	2	0	0	6	5200-6300	P	
<b>UTAH</b>														
<b>Salt Lake City</b>														
Latter-Day Saints	P. R. Frederick	33,738	18	1,038	0	1	1	1	0	0	3	5700-6600	P	
St. Mark's	H. Plenk	17,145	33	375	5,546	1	0	0	0	0	1	7200-7200	F	
University of Utah Affiliated Hospitals	W. R. Christensen	...	...	...	...	3	3	3	0	0	9	...	...	
University	W. R. Christensen	34,469	52	969	6,819	...	...	...	...	...	...	5700-6300	P	
Primary Children's	V. R. Condon	9,361	0	0	0	...	...	...	...	...	...	...	...	
Veterans Admin.	D. W. Stowell	26,573	0	0	0	...	...	...	...	...	...	4830-8550	...	
<b>VERMONT</b>														
<b>Burlington</b>														
Medical Center Hospital of Vermont	A. B. Soule	69,887	89	1,099	5,393	4	3	3	1	0	11	6600-8400	P	
<b>VIRGINIA</b>														
<b>Charlottesville</b>														
University of Virginia	T. E. Keats	73,069	79	873	9,508	5	5	5	0	0	15	5400-6600	O	
<b>Newport News</b>														
Riverside	J. T. Myles	40,033	17	54	7,237	1	1	1	0	0	3	7200-9600	FP	
<b>Norfolk</b>														
De Paul <sup>43</sup>	J. Foster	36,216	39	3,631	0	1	1	1	0	0	3	6000-6600	F	
Norfolk General	C. Wisoff	70,564	37	831	7,224	1	1	1	0	0	3	6900-7500	P	
<b>Richmond</b>														
Medical College of Virginia Affiliated Hospitals	E. R. King	...	...	...	...	5	5	5	5	0	20	...	...	
Medical College of Virginia-Hospital Division	...	106,374	82	1,089	12,221	...	...	...	...	...	...	6300-6900	P	
Veterans Admin.	...	57,704	...	...	...	...	...	...	...	...	...	4830-8550	P	
<b>WASHINGTON</b>														
<b>Seattle</b>														
Swedish Hospital Medical Center	J. F. Nelson	25,731	62	1,845	16,527	2	2	2	1	0	7	6000-7200	P	
University of Washington Affiliated Hospitals <sup>315</sup>	M. M. Figley	...	...	...	...	5	5	5	4	0	19	...	...	
King County	L. Phillips	44,325	...	0	...	...	...	...	...	...	...	6000-8000	P	
University	M. M. Figley	33,320	77	1,260	6,451	...	...	...	...	...	...	6000-8000	P	
Veterans Admin.	R. S. Leighton	25,889	0	747	0	...	...	...	...	...	...	5500-8460	P	
Virginia Mason	T. Carlile	56,141	25	1,581	6,419	1	0	0	0	0	1	5950-7890	FP	
<b>Spokane</b>														
Sacred Heart	C. A. Stevenson	30,798	290	1,560	2,571	1	1	1	0	0	3	5400-7500	F	
<b>WEST VIRGINIA</b>														
<b>Morgantown</b>														
West Virginia University Medical Center	H. I. Amory	40,971	52	7,573	0	3	3	3	1	0	10	7000-...	O	
<b>Wheeling</b>														
Ohio Valley General	A. K. Butler	27,768	48	992	6,344	1	1	1	0	0	3	7200-8400	P	

Numerical and other references are listed on pages 279 through 282.

25. RADIOLOGY—Continued

	Chief of Service or Program Director	No. of X-Ray Examinations	No. of Radium or Cobalt (not Teletherapy) Treatments	No. of Superficial and Ortho-Voltage Treatment Visits	No. of Megavoltage Treatment Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
						1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WISCONSIN</b>													
<b>Madison</b>													
University Hospitals	J. Juhl	65,022	176	1,012	18,941	7	7	6	1	0	21	4600-7150	P
<b>Milwaukee</b>													
Columbia	R. W. Byrne	37,000	4	1,924	1,283	2	1	0	0	0	3	6720-7020	P
Evangelical Deaconess	A. Melamed	...	...	...	...	1	1	0	0	0	3	6000-7200	P
Lutheran Hospital of Milwaukee <sup>73</sup>	J. L. Armbruster	34,310	55	1,845	3,129	1	1	1	0	0	3	5823-7051	P
Marquette University Affiliated Hospitals	J. Youker	...	...	...	...	3	3	3	0	0	9	...	P
Milwaukee County General	J. Youker	115,324	27	1,292	5,583	...	...	...	...	...	...	7200-9020	P
Veterans Admin. Center (Wood)	G. E. Unger	68,609	4	...	0	...	...	...	...	...	...	7200-10600	P
St. Joseph's	G. W. Sengpiel	44,953	18	867	2,775	2	2	2	0	0	6	6300-7200	P
St. Luke's	H. H. Wright	45,808	56	780	6,757	2	1	1	0	0	4	6600-7800	FP

26. SURGERY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Surgery and the American College of Surgeons, through the Conference Committee on Graduate Education in Surgery, for FOUR OR MORE years of training, designed to qualify the trainee for examination by the American Board of Surgery as a Group I candidate. Programs, 379; Residencies, 6,076

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>														
<b>ARIZONA</b>														
U. S. Air Force, Tucson - See Veterans Admin., Tucson, Ariz.														
<b>CALIFORNIA</b>														
David Grant U.S.A.F., Fairfield <sup>125</sup>	W. Peniston	104	2,572	8	87	22,385	2	2	2	0	8	...	...	
<b>MISSISSIPPI</b>														
U. S. Air Force, Biloxi	J. M. Thompson	121	2,951	26	58	52,660	2	2	2	0	8	...	...	
<b>TEXAS</b>														
Wilford Hall U.S.A.F., San Antonio <sup>81</sup>	R. Dawson	87	2,200	33	100	42,457	3	3	3	3	15	...	...	
<b>UNITED STATES ARMY</b>														
<b>CALIFORNIA</b>														
Letterman General, San Francisco	A. Cohen	98	2,270	40	88	23,397	3	3	3	0	12	...	...	
<b>COLORADO</b>														
Fitzsimons General, Denver <sup>138</sup>	J. W. White	235	5,879	35	86	8,830	2	2	2	0	8	...	...	
<b>DISTRICT OF COLUMBIA</b>														
Walter Reed General, Washington	J.H. Baugh	96	1,650	53	74	12,000	4	4	4	0	16	...	...	
<b>HAWAII</b>														
Tripler General, Honolulu	T. J. Whelan, Jr.	165	4,445	50	74	14,863	3	3	3	0	12	...	...	
<b>TEXAS</b>														
William Beaumont General, El Paso	A. A. Terrill	126	4,551	43	89	25,947	3	3	2	0	10	...	...	
Brooke General, San Antonio	J. B. Dalton	62	1,827	43	80	8,334	4	4	4	0	16	...	...	
<b>WASHINGTON</b>														
Madigan General, Tacoma	A. W. Stratton	307	6,377	42	81	86,199	2	2	2	0	8	...	...	
<b>UNITED STATES NAVY</b>														
<b>CALIFORNIA</b>														
U. S. Naval, Oakland	R.P. Dobbie	131	2,162	41	81	19,344	2	2	2	1	0	7	...	
U. S. Naval, San Diego	R. C. Laning	410	6,536	129	61	27,688	3	5	4	3	0	15	...	
<b>ILLINOIS</b>														
U.S. Naval, Great Lakes	P.O. Geib	568	4,503	35	86	22,076	2	2	1	1	0	6	...	
<b>MARYLAND</b>														
U. S. Naval, Bethesda	T. H. Wilson	165	2,172	43	92	19,980	2	2	2	0	8	...	...	
<b>MASSACHUSETTS</b>														
U. S. Naval, Chelsea	S. G. Kramer	80	1,244	22	91	6,878	2	1	2	1	0	6	...	
<b>NEW YORK</b>														
U. S. Naval, St. Albans	D. J. Doohen	495	3,193	42	83	10,883	3	2	3	2	0	10	...	
<b>NORTH CAROLINA</b>														
U. S. Naval, Camp Lejeune - See U. S. Naval, Portsmouth, Va.														
<b>PENNSYLVANIA</b>														
U. S. Naval, Philadelphia	R. J. Cales	179	2,785	66	41	6,290	2	2	2	0	8	...	...	
<b>VIRGINIA</b>														
U. S. Naval, Portsmouth	E. J. Rupnik	320	5,221	73	71	55,551	4	4	3	4	0	15	...	
U. S. Naval (Camp Lejeune, N.C.)	B. C. Cole	45	1,216	16	25	6,580	...	...	...	...	...	...	...	

26. SURGERY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>														
<b>ALASKA</b>														
U. S. Public Health Service Alaska Native Medical Center, Anchorage - See U. S. Public Health Service, New York City														
<b>ARIZONA</b>														
U. S. Public Health Service Indian, Phoenix - See U.S.P.H.S., N.Y.C. & Phoenix Int. Sur. Res., Ariz.														
<b>CALIFORNIA</b>														
U. S. Public Health Service, San Francisco	C. H. Lithgow	80	1,972	23	70	4,005	2	2	2	2	0	8	.....	...
<b>LOUISIANA</b>														
U. S. Public Health Service, New Orleans	J. J. Noya	74	1,526	53	72	6,757	2	2	2	2	0	8	.....	...
<b>MARYLAND</b>														
U. S. Public Health Service, Baltimore <sup>197</sup>	H.V. Belcher	101	2,412	23	61	11,005	3	1	1	1	0	6	.....	...
<b>MASSACHUSETTS</b>														
U. S. Public Health Service, Boston	J. C. Wright	88	1,887	63	79	12,305	1	1	1	1	0	4	.....	...
<b>NEW MEXICO</b>														
U. S. Public Health Service Indian, Gallup - See U. S. Public Health Service, New York City														
<b>NEW YORK</b>														
U. S. Public Health Service (Staten Island)	T. F. Flynn	135	2,498	47	66	10,299	5*	3	3	3	0	14	.....	...
U. S. Pub Hlth Serv Alaska Native Med Center (Anchorage, Alaska)	J. F. Wilson	35	518	14	64	616	...	...	...	...	...	...	.....	...
U. S. Public Health Service Indian (Phoenix, Ariz)	R. Norton	44	1,397	10	5	1,112	...	...	...	...	...	...	.....	...
U. S. Public Health Service Indian (Gallup, N. M.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>WASHINGTON</b>														
U. S. Public Health Service, Seattle	J. T. West	122	3,078	38	82	14,065	2	2	2	2	0	8	.....	...
<b>OTHER FEDERAL</b>														
<b>CANAL ZONE</b>														
Gorgas, Balboa Heights	R. E. George	57	1,636	36	70	7,738	2	2	2	1	0	7	8705-10364	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA</b>														
<b>Birmingham</b>														
Carraway Methodist	B.M. Carraway	111	5,035 <sup>4</sup>	51	47	68,227	4	2	2	2	0	10	6600-9600	P
University of Alabama Medical Center	J.W. Kirklin	...	...	...	...	...	12	12	5	5	2	36	.....	...
University of Alabama Hospitals and Clinics	J.W. Kirklin	112	3,217	172	54	6,548	...	...	...	...	...	...	6240-8640	P
Veterans Admin.	T.H. Allen	68	1,609	65	71	4,262	...	...	...	...	...	...	4830-8550	O
<b>Fairfield</b>														
Lloyd Noland	J.M. Slaughter	57	2,422	57	53	26,139	3	1	1	1	0	6	6900-10800	FP
<b>Mobile</b>														
Mobile General	H.S.J. Walker	70	2,748	114	46	9,580	4	4	2	2	0	12	6840-8640	P
<b>ARIZONA</b>														
<b>Phoenix</b>														
Maricopa County General	M. Wood	80	2,105	144	33	10,875	6	4	3	3	0	16	8484-10700	P
Phoenix Integrated Surgical Residency	W. P. Kleitsch	...	...	...	...	...	3	3	3	3	0	12	.....	...
Good Samaritan	D. C. James	113	12,510	52	61	1,252	...	...	...	...	...	...	7800-8700	F
U. S. Public Health Service Indian (Also New York City)	R. E. G. Norton	63	1,543	11	55	2,655	...	...	...	...	...	...	.....	...
Veterans Admin.	W. P. Kleitsch	72	1,551	58	77	2,390	...	...	...	...	...	...	4610-8230	O
<b>Tucson</b>														
Tucson Hospitals Medical Education Program	G.D. Robertson	...	...	...	...	...	6	4	3	3	0	16	7200-9000	P
Pima County General	E.G. Ramsay	40	1,387 <sup>4</sup>	60	70	10,239	...	...	...	...	...	...	.....	...
St. Mary's	F. Jabczynski	86	3,890 <sup>4</sup>	59	64	384	...	...	...	...	...	...	.....	...
Tucson Medical Center	W. Soland	215	9,115 <sup>4</sup>	151	56	384	...	...	...	...	...	...	.....	...
Veterans Admin.	B.R. Walske	95	1,205	57	72	4,225	2	2	2	2	0	8	4610-8230	O
U. S. Air Force, Tucson	.....	21	1,036	5	80	6,494	...	...	...	...	...	...	.....	O
<b>ARKANSAS</b>														
<b>Little Rock</b>														
University of Arkansas Medical Center	G.S. Campbell	...	...	...	...	...	9	4	4	4	0	21	.....	...
University	G.S. Campbell	45	1,373	83	42	6,162	...	...	...	...	...	...	4900-6500	O
Veterans Admin. Consolidated	R.C. Read	115	2,331	111	65	5,288	...	...	...	...	...	...	4830-7430	P
<b>CALIFORNIA</b>														
<b>Bakersfield</b>														
Kern County General	K.W. Spaulding	69	1,626 <sup>4</sup>	108	73	15,677	5	3	2	2	0	12	7500-9300	P
<b>Davis</b>														
University of California (Davis) Affiliated Hospitals	.....	...	...	...	...	...	...	...	...	...	...	...	.....	...
Sacramento County (Sacramento)	E. Wolfman	53	1,363	35	74	4,236	6	2	2	2	2	14	8520-10860	P
<b>Downey</b>														
Rancho Los Amigos - See U. of Calif. (Irvine) Affiliated Hosps., Orange														
<b>Fresno</b>														
Fresno General	T. Hewlett	70	1,799	76	55	16,051	3	3	3	3	0	12	8136-10188	P

Numerical and other references are listed on pages 279 through 282.

26. SURGERY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>CALIFORNIA—Continued</b>														
<b>Loma Linda</b>														
Loma Linda University Affiliated Hospitals	...	...	...	...	...	4	3	3	3	3	16	...	...	
Loma Linda University	84	2,491	52	77	9,200	...	...	...	...	...	...	6198-7260	FP	
Riverside General (Riverside)	77	1,984	69	45	7,713	...	...	...	...	...	...	...	...	
<b>Long Beach</b>														
Veterans Admin. - See U. of Calif. (Irvine) Affiliated Hosps., Orange														
<b>Los Angeles</b>														
Cedars-Sinai Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	
Cedars of Lebanon Hospital Division	L. Morgenstern	275	12,002	...	...	8	1	2	1	0	12	6000-8100	P	
Los Angeles County-U.S.C. Medical Center	L. Rosoff	225	6,534	317	42	21,314	7	7	7	7	0	30+	7632-9528	P
Queen of Angels	J. Regan	99	4,122	137	35	1,747	4*	2	2	2	0	10	6000-7800	F
U.C.L.A. Affiliated Hospitals <sup>118</sup>	W. P. Longmire, Jr.	...	...	...	...	...	11	4	4	4	3	26	...	...
U. C. L. A.	W. P. Longmire, Jr.	39	1,386	48	63	8,677	...	...	...	...	...	...	9500	O
Veterans Admin. (Sepulveda)	J.J. Cincotti	76	1,180	65	52	2,557	...	...	...	...	...	...	8032-9292	O
Veterans Admin. Center - Wadsworth <sup>113</sup>	H. E. Gordon	130	3,280	186	70	7,707	12*	4	4	4	0	24	8032-10564	P
White Memorial Medical Center <sup>91,122</sup>	C.E. Stafford	49	1,805	87	71	4,701	8*	2	2	2	2	16+	6660-9060	P
<b>Martinez</b>														
Veterans Admin.	J.V. Smith	122	1,482	65	62	3,420	4*	3	2	2	0	11	6672-9156	O
<b>Oakland</b>														
Highland General <sup>103</sup>	A.J. Hunnicutt	56	1,946	41	73	8,692	10*	4	4	4	0	22	7200-9000	P
Kaiser Foundation	H. D. Grant	121	5,729	134	50	29,548	4	2	2	2	0	10	7500-9600	FP
<b>Orange</b>														
University of California (Irvine) Affiliated Hospitals	J. E. Connolly	...	...	...	...	...	6	4	3	3	1	17	...	...
Orange County Medical Center	J. E. Connolly	75	3,069	98	98	9,993	...	...	...	...	...	...	7296-9312	P
Veterans Admin. (Long Beach)	E. A. Stemmer	58	776	27	74	1,632	...	...	...	...	...	...	8032-10564	O
Rancho Los Amigos (Downey)	P. R. Carter	...	...	...	...	...	...	...	...	...	...	...	7200-9600	P
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals <sup>133</sup>	R. A. Chase	...	...	...	...	...	10*	6	6	6	4	32+	...	...
Palo Alto-Stanford Hospital Center	R. A. Chase	79	3,073+	71	66	5,321	...	...	...	...	...	...	5700-7300	P
Veterans Admin.	L.G. Crowley	37	401	33	85	2,043	...	...	...	...	...	...	...	...
San Mateo County General (San Mateo)	B. R. Meyerowitz	24	601	16	69	2,518	...	...	...	...	...	...	5196-8700	F
<b>Riverside</b>														
Riverside General - See Loma Linda University Affiliated Hospitals, Loma Linda														
<b>Sacramento</b>														
Sacramento County - See Univ. of California (Davis) Affiliated Hospitals, Davis														
<b>San Diego</b>														
University Hospital of San Diego County	M. J. Orloff	57	1,759	120	61	11,093	8*	4	4	4	4	24+	5200-8400	P
<b>San Francisco</b>														
Children's Hospital and Adult Medical Center	V. Richards	50	2,477	48	23	1,872	4	2	2	2	0	10	7800-9600	P
Harkness Community Hospital and Medical Center	C. J. Monahan	140	4,612	144	51	21,560	4	3	1	2	0	10	7080-9900	F
Kaiser Foundation	P. D. Smith	66	3,361-	65	44	171,062	5	2	2	2	0	11	7200-9360	P
Mount Zion Hospital and Medical Center	L. Rosenman	178	6,520	130	60	1,444	4	2	1	1	1	9	7500-9300	P
University of California Program	J. E. Dunphy	...	...	...	...	...	18	12	6	6	6	48	...	...
H. C. Moffitt-University of California Hospitals	J. E. Dunphy	52	1,859	27	74	9,067	...	...	...	...	...	...	5200-8400	O
San Francisco General	J. E. Dunphy	89	7,559	164	38	9,947	...	...	...	...	...	...	4692-8652	P
Veterans Admin.	A. D. Hall	92	1,765	34	91	5,860	...	...	...	...	...	...	4210-8230	O
<b>San Jose</b>														
Santa Clara Valley Medical Center	J. B. D. Mark	67	1,758	71	79	7,632	2*	2*	1	1	0	6	7238-9006	F
<b>San Mateo</b>														
San Mateo County General - See Stanford Med. Center & Affiliated Hospitals, Palo Alto														
<b>Santa Barbara</b>														
Santa Barbara General-Cottage Hospitals	O. W. Sartorius	...	...	...	...	...	4	3	2	2	0	11	5100-6900	F
Santa Barbara General	...	24	726	9	66	2,943	...	...	...	...	...	...	...	...
Santa Barbara Cottage	...	69	2,575	68	62	...	...	...	...	...	...	...	...	...
<b>Stockton</b>														
San Joaquin General	W. Brock	71	1,821	69	87	17,615	3	2	2	1	0	8	6288-11808	F
<b>Torrance</b>														
Los Angeles County Harbor General	J. Thompson	60	2,908	143	66	3,721	8	4	4	4	3	23	7632-9528	P
<b>COLORADO</b>														
<b>Denver</b>														
St. Joseph <sup>139</sup>	M. E. Johnson	215	8,817	123	60	3,314	6*	6*	2	2	1	17+	5520-6720	P
University of Colorado Affiliated Hospitals	W.R. Waddell	...	...	...	...	...	18	11	9	8	3	49	...	...
Denver General	B. Eiseman	51	1,851	134	73	12,382	...	...	...	...	...	...	4800-6300	P
General Rose Memorial	...	157	5,993	87	63	1,656	...	...	...	...	...	...	...	...
Presbyterian Medical Center	K. C. Sawyer, Sr.	115	5,100	94	65	4,877	...	...	...	...	...	...	6000-7200	P
University of Colorado Medical Center	W. R. Waddell	59	2,078	79	85	3,504	...	...	...	...	...	...	4500-5500	O
Veterans Admin.	T.E. Starzl	68	1,019	78	91	6,166	...	...	...	...	...	...	4610-8230	O
<b>CONNECTICUT</b>														
<b>Bridgeport</b>														
Bridgeport	E. K. Jones	192	8,569	167	47	5,860	4	2	2	2	0	10	5400-8100	FP
St. Vincent's	W. H. Curley	128	6,848+	119	55	1,248	2	2	2	1	0	7	5700-6600	P
<b>Hartford</b>														
Hartford <sup>91</sup>	J. H. Foster	194	7,393	158	68	2,192	7	7	4	2	2	22	7000-10400	P
Veterans Admin. (Newington)	P. Fenney	82	1,061	40	65	2,187	...	...	...	...	...	...	4610-8230	P
St. Francis <sup>140</sup>	J.E. Burns	287	13,599	210	40	4,834	4*	2	2	2	0	10	4500-5700	F
<b>New Britain</b>														
New Britain General	J.A. Mlynarski	118	6,199	85	56	785	3	3	1	1	0	8	6300-7200	P

Numerical and other references are listed on pages 279 through 282.

26. SURGERY—Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year (Min.-Max.)	Main-tenance P U O	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>CONNECTICUT—Continued</b>														
<b>New Haven</b>														
Hospital of St. Raphael	D. A. Farmer	89	3,714	86	38	10,509	4	4	2	2	0	12	5400-8220	P
Yale-New Haven Medical Center	J. W. Cole	109	4,072	158	50	16,549	13	4	4	4	0	25	6600-9100	P
Yale-New Haven Veterans Admin. (West Haven)	W.W.Lindenmuth	74	1,556	53	53	2,160	...	...	...	...	...	...	...	...
<b>Newington</b>														
Veterans Admin. - See Hartford Hospital, Hartford														
<b>Waterbury</b>														
St. Mary's	J. Daly	221	8,072	96	47	7,504	2	2	2	1	0	7	6000-7800	FP
Waterbury	S. B. Luria	67	2,289	54	70	5,008	2*	1	1	1	0	5	6000-7800	FP
<b>West Haven</b>														
Veterans Admin. - See Yale-New Haven Medical Center, New Haven														
<b>DELAWARE</b>														
<b>Wilmington</b>														
Veterans Admin. - See Bryn Mawr Hospital, Bryn Mawr, Pa.														
Wilmington Medical Center	L. Whitney	280	9,712	230	46	7,775	6	2	2	2	0	12	...	...
Delaware Division	...	111	3,466	92	68	6,967	...	...	...	...	...	...	6000-7200	...
Memorial Division	...	72	3,127	72	46	1,418	...	...	...	...	...	...	6000-7200	P
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Georgetown University Affiliated														
Hospitals	R. J. Coffey	85	1,486	107	45	6,924	10	4	4	3	3	24	7000-9000	P
District of Columbia General	H. H. Balch	119	4,242	126	79	9,435	...	...	...	...	...	...	4500-6500	P
Georgetown University	R. J. Coffey	170	1,122	54	73	7,213	...	...	...	...	...	...	...	...
Veterans Admin.	G. Higgins	...	...	...	...	...	...	...	...	...	...	...	...	...
George Washington University														
Affiliated Hospitals	B. Blades	80	1,648	113	47	9,672	12	6	4	3	1	26	...	...
District of Columbia General	J. R. Thistlethwaite	67	3,372	38	61	2,019	...	...	...	...	...	...	6500-8500	P
George Washington University	B. Blades	76	1,122	54	73	7,213	...	...	...	...	...	...	7016-10002	P
Veterans Admin.	G. Higgins	...	...	...	...	...	...	...	...	...	...	...	7000-1000	P
Howard University Affiliated														
Hospitals	B. Syphax	80	1,648	113	47	9,672	6	4	4	4	2	20	...	...
District of Columbia General	M. Spellman	57	1,665	98	36	11,474	...	...	...	...	...	...	6500-8500	P
Freedmen's	B. Syphax	122	4,986	101	48	1,724	2	2	1	1	0	6	7800-9600	FP
Providence	L. Goffredi	142	5,545	136	67	7,841	10*	3	3	3	0	19	8200-8500	P
Washington Hospital Center	P. H. Philbin	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>FLORIDA</b>														
<b>Bartow</b>														
Polk General - See Lakeland Gen.-Polk Gen. Hosps., Lakeland														
<b>Gainesville</b>														
William A. Shands Teaching Hosp. and Clinics	E. R. Woodward	60	2,128	103	90	7,713	4	4	4	4	0	16	4500-8000	O
Veterans Admin. (Lake City)	W. R. Moore	72	1,790	61	65	...	...	...	...	...	...	...	4830-8550	O
<b>Jacksonville</b>														
Jacksonville Hospitals Educational Program														
Baptist Memorial	H. W. Reinstine	110	4,867	119	47	253	11*	8	3	3	0	25	...	...
Duval Medical Center	E. Canipelli	45	2,043	46	57	31,943	...	...	...	...	...	...	5700-7200	P
St. Luke's	S. Stephenson Jr., T. M. Moseley	80	3,400	59	42	...	...	...	...	...	...	...	7200-9000	P
St. Vincent's	R. Still	84	3,601	128	41	2,277	...	...	...	...	...	...	6300-7200	...
...	J. Canipelli	...	...	...	...	...	...	...	...	...	...	...	5700-7200	P
<b>Lake City</b>														
Veterans Admin. - See Wm. A. Shands Teaching Hosp. and Clinics, Gainesville														
<b>Lakeland</b>														
Lakeland General-Polk General	J. P. Collins	141	1,825	39	28	5,757	2	2	1	1	0	6	7560-9360	P
Hospitals	...	131	4,610	259	22	37,123	...	...	...	...	...	...	...	...
Lakeland General	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Polk General (Bartow)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Miami</b>														
University of Miami Affiliated														
Hospitals	R. Zeppa	92	2,473	212	35	18,363	18	7	7	7	0	39	...	...
Jackson Memorial	...	144	2,986	95	58	18,216	...	...	...	...	...	...	5693-6910	P
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	4610-8230	O
<b>Miami Beach</b>														
Mount Sinai Hospital of Greater Miami	A. Hurwitz	89	2,178	95	50	1,350	6*	2	2	2	0	12	6800-8300	P
<b>Orlando</b>														
Orange Memorial	D. L. Weeks	131	5,912	313	51	3,399	5	4	2	2	0	13	6300-7200	P
<b>Pensacola</b>														
Pensacola Educational Program														
Baptist	F. P. Cassidy	129	7,415	121	40	11,325	1	1	1	1	0	4	7320-8820	P
Escambia General	...	36	1,701	14	50	15,180	...	...	...	...	...	...	...	...
Sacred Heart	...	138	5,218	14	45	...	...	...	...	...	...	...	...	...
<b>Tampa</b>														
Tampa General	J. Fletcher	195	5,435	126	53	4,270	7*	4	2	2	0	15	5400-7200	FP
<b>GEORGIA</b>														
<b>Atlanta</b>														
Crawford W. Long Memorial	J. N. Mc Clure	189	9,053	153	37	6,271	4	3	2	2	0	11	5880-6900	O
Emory University Affiliated Hospitals	J. D. Martin, Jr.	107	4,903†	74	51	...	10	5	5	4	0	24†	...	...
Emory University	J. D. Martin, Jr.	112	3,385	132	42	20,999	...	...	...	...	...	...	5700-8550	P
Grady Memorial	J. D. Martin, Jr.	...	...	...	...	...	...	...	...	...	...	...	5700-6900	P
Henrietta Eggleston Hospital for Children	J. D. Martin, Jr.	19	1,631	8	88	...	...	...	...	...	...	...	5000-7000	...
Veterans Admin.	J. C. Thoroughman	176	2,858	110	55	6,223	...	...	...	...	...	...	4830-8550	P
Georgia Baptist	H. Finch	148	8,651	102	41	908	2	2	1	1	0	6	6000-7200	P
Piedmont	F. W. Mc Rae	143	6,977	59	39	1,331	2	2	1	1	0	6	6600-8400	P
St. Joseph's Infirmary	R. H. Stephenson	137	6,238†	100	47	1,067	2*	2	1	1	0	6	6180-7140	P
<b>Augusta</b>														
Medical College of Georgia Hospitals	W. H. Moretz	57	1,172	42	82	6,281	13	5	5	5	1	29	...	...
Eugene Talmadge Memorial	W. H. Moretz	66	2,803	82	20	2,322	...	...	...	...	...	...	4800-7600	P
University	D. Sullivan	44	786	47	31	1,542	...	...	...	...	...	...	4830-8550	P
Veterans Admin.	W. D. Jennings	...	...	...	...	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P O
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>GEORGIA - Continued</b>														
<b>Macon</b>														
Macon <sup>157</sup>	M. B. Hatcher	218	11,014	124	30	8,594	4	2	2	2	0	10	7800-9600	F
<b>Savannah</b>														
Memorial Medical Center	T. J. Yeh	75	2,765	111	32	7,126	2	2	2	2	0	8	5100-6000	F
<b>Honolulu</b>														
Honolulu Integrated Surgical Residency														
Queen's	R. L. Hill	211	9,333	108	61	8,106	6	6	1	1	0	14	7800-9600	...
St. Francis	R. L. Hill	109	5,197	67	50	2,847	...	...	...	...	...	...	...	O
Kuakini Hospital and Home	V. Mori	95	4,648	23	46	...	...	...	...	...	...	...	...	P
<b>ILLINOIS</b>														
<b>Chicago</b>														
Chicago Medical School Affiliated Hospitals														
Mount Sinai Hospital Medical Center of Chicago	J. Whitehill	114	2,305	53	51	4,764	5	5	5	2	0	17	6000-8000	P
Cook County	R. J. Freeark	278	9,134	539	50	33,041	20	10	10	8	0	48	5400-7800	F
Illinois Central	C. Y. Werelius	112	3,108	51	41	12,278	1	1	2	1	0	5	7546-8026	FP
Illinois Masonic	L. Peterson	202	4,859	69	41	12,580	4	2	2	2	0	10	7200-8400	FP
Mercy Hospital and Medical Center	R. L. Schmitz	90	3,283	103	40	7,055	4*	2	2	2	0	10	5700-6600	P
Michael Reese Hospital and Medical Center	G. Peskin	112	3,684	105	47	6,708	8*	4	4	4	1	21†	5800-8400	P
Northwestern University Medical Center <sup>97</sup>	J. M. Beal	...	...	...	...	2,581	20	5	5	5	2	37	...	...
Chicago Wesley Memorial	J. M. Beal	109	3,103	107	59	...	...	...	...	...	...	...	6000-8000	P
Passavant Memorial	J. M. Beal	62	1,707	40	48	2,756	...	...	...	...	...	...	6000-7500	P
Veterans Admin. Research	F. W. Preston	92	1,627	139	65	15,565	...	...	...	...	...	...	6400-8550	O
Evanston (Evanston)	J. M. Dorsey	60	3,759	42	61	1,961	...	...	...	...	...	...	6000-7500	O
Presbyterian-St. Luke's	O. C. Julian	228	6,204	228	63	7,106	10	5	5	4	0	24	6000-7500	P
University of Chicago Hospitals and Clinics <sup>9</sup>	R. Menguy	96	3,205	161	75	13,455	4	4	4	4	4	20	6000-8000	O
University of Illinois Research and Educational Hospitals	L. M. Nyhus	87	2,538	96	71	17,629	6	6	6	6	6	30	5400-6600	P
Veterans Admin. (West Side) <sup>171</sup>	W. Schumer	152	2,620	114	81	6,279	3	3	3	3	0	12	6400-8550	O
<b>Evanston</b>														
Evanston - See Northwestern University Medical Center, Chicago	D. P. Slaughter	116	4,721	98	60	6,823	2	2	1	1	0	6	6780-7260	FP
<b>Hines</b>														
Veterans Admin. <sup>184</sup>	C. B. Puestow	243	3,066	237	44	4,424	10*	8	8	8	0	34	6400-7600	O
<b>Peoria</b>														
St. Francis	C. D. Branch	161	5,552	60	45	10,015	2	2	2	2	0	8	5400-6300	F
<b>INDIANA</b>														
<b>Indianapolis</b>														
Indiana University Medical Center <sup>81</sup>	H. B. Shumacker, Jr.	...	...	...	...	...	12*	4	4	4	0	24†	...	...
Indiana University Hospitals	...	47	1,276	122	78	1,276	...	...	...	...	...	...	5100-7100	P
Veterans Admin.	...	65	1,208	73	71	967	...	...	...	...	...	...	4830-8550	O
Marion County General	P. Benedict	73	1,020	89	30	8,749	3	3	3	3	0	12	5764-8000	P
Methodist Hospital of Indiana	D. M. Schlegel	163	5,852	164	50	1,626	4	2	2	2	0	10	5880-6780	P
<b>IOWA</b>														
<b>Des Moines</b>														
Iowa Methodist	T. D. Throckmorton	162	7,284	161	46	11,462	4	2	2	2	0	10	6300-7200	F
Broadlawn Polk County	R. Schropp	35	2,042	42	36	8,898	...	...	...	...	...	...	...	...
Veterans Admin. Center <sup>181</sup>	L. T. Palumbo	119	11,683	124	65	6,834	5*	3	3	2	0	13	4610-8230	P
<b>Iowa City</b>														
State University of Iowa Affiliated Hospitals														
University of Iowa Hospitals <sup>86</sup>	R. T. Tidrick	199	5,279	268	63	27,135	12*	6	6	6	0	30†	...	...
Veterans Admin.	F. D. Staab	134	2,451	92	60	1,866	...	...	...	...	...	...	5000-7000	P
...	...	...	...	...	...	...	...	...	...	...	...	...	5400-8230	P
<b>KANSAS</b>														
<b>Kansas City</b>														
University of Kansas Medical Center	F. Albritten	69	2,067	121	74	5,984	8	4	4	4	0	20	4800-5800	P
Veterans Admin. (Kansas City, Mo.)	A. Heilbrunn	68	1,568	86	70	1,683	...	...	...	...	...	...	4830-7430	O
<b>Wadsworth</b>														
Veterans Admin. Center <sup>67</sup>	W. Brauer	70	1,014	57	68	1,971	2	1	1	1	0	5	4610-8230	...
<b>Wichita</b>														
St. Francis Hospital-Veterans Admin. Center														
St. Francis	J. H. Holt	...	...	...	...	...	6*	2	2	2	0	12	...	...
Veterans Admin. Center	J. H. Holt	133	6,810	204	27	1,317	...	...	...	...	...	...	6614-7540	FP
Wesley Medical Center	F. W. Robinson	102	1,341	81	70	3,331	...	...	...	...	...	...	6032-7430	F
...	G. J. Mastio	109	6,498	77	36	515	4	1	1	1	0	7	6600-6900	;
<b>KENTUCKY</b>														
<b>Harlan</b>														
Harlan Appalachian Regional	P. M. Walstad	60	2,445	39	46	21,491	4	2	2	2	0	10	6400-8800	P
<b>Lexington</b>														
University of Kentucky Medical Center														
St. Joseph	W. O. Griffen	...	...	...	...	...	12	4	4	4	1	25	...	...
University	R. R. Crutcher	60	2,192	41	37	91	...	...	...	...	...	...	4510-6360	...
Veterans Admin.	W. O. Griffen	44	1,482	93	65	6,011	...	...	...	...	...	...	4560-6960	P
...	W. G. Malette	64	768	56	80	3,450	...	...	...	...	...	...	4610-8230	O
<b>Louisville</b>														
St. Joseph Infirmary														
University of Louisville Affiliated Hospitals	B. J. Schoo	169	8,015	120	39	1,310	4	2	2	2	0	10	6180-7980	P
Children's	R. J. Noer	...	...	...	...	...	14	6	6	6	0	32	...	...
Louisville General	W. Johnson	25	1,311	15	53	9,532	...	...	...	...	...	...	...	...
Veterans Admin.	R. J. Noer	62	2,407	134	55	17,996	...	...	...	...	...	...	5000-7430	P
...	P. J. Harbrecht	79	1,409	77	65	5,376	...	...	...	...	...	...	4830-7430	O

Numerical and other references are listed on pages 279 through 282.

26. SURGERY - Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>LOUISIANA</b>													
<b>Independence</b>													
Lallie Kemp Charity - See Charity Hosp. of La. (Tulane Univ. Div.), New Orleans													
<b>Lafayette</b>													
Lafayette Charity - See Charity Hsp. of La. & L.S.U. Affil. Hsps., New Orleans													
<b>Monroe</b>													
E. A. Conway Memorial - See Ochsner Foundation, New Orleans													
<b>New Orleans</b>													
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisiana State University Division?	I. Cohn, Jr.	2,016	161	46	25,918	...	...	...	...	...	30	5400-6000	F
Lafayette Charity (Lafayette)	I. Cohn, Jr.	1,675	83	40	15,619	...	...	...	...	...	...	...	...
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...
Tulane University Division	W. Krementz	2,376	176	46	28,734	...	...	...	...	...	33	5400-6000	F
Lallie Kemp Charity (Independence)	...	...	...	...	...	...	...	...	...	...	...	...	...
Huey P. Long Charity (Pineville)	E. T. Krementz	1,397	55	50	4,155	...	...	...	...	...	...	7800-10200	P
Louisiana State University Affiliated	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitals	I. Cohn, Jr.	...	...	...	...	4	4	4	4	0	16	...	...
Veterans Admin.	B. G. Taylor	2,283	91	59	4,075	...	...	...	...	...	...	5800-7110	O
Touro Infirmary	W. Leon	3,040	82	39	34,869	...	...	...	...	...	...	6191-8712	O
Lafayette Charity (Lafayette)	I. Cohn, Jr.	1,675	83	40	15,619	...	...	...	...	...	...	...	O
Ochsner Foundation	J. L. Ochsner	1,718	57	70	10,149	6*	4	4	4	0	18	6500-8000	O
E. A. Conway Memorial (Monroe)	J. L. Ochsner	1,065	42	20	5,941	...	...	...	...	...	...	7800-7800	P
<b>Pineville</b>													
Huey P. Long Charity - See Charity Hosp. of La. (Tulane Univ. Div.), New Orleans													
<b>Shreveport</b>													
Confederate Memorial Medical Center	C. D. Knight	4,258	232	35	12,337	6	4	4	4	0	18	5400-6000	F
<b>MAINE</b>													
<b>Portland</b>													
Maine Medical Center	E. Drake	8,818	95	47	17,650	3*	2*	2	2	0	9	5850-8910	FP
<b>MARYLAND</b>													
<b>Baltimore</b>													
Baltimore City Hospitals	R. Steenburg	3,366	117	53	31,890	7	4	4	2	1	18	5000-8000	O
Church Home and Hospital	J. Zimmerman	4,995	86	36	6,875	6	2	1	1	0	10	6600-7200	P
Franklin Square	D. B. Hebb	2,043	43	50	3,905	3	2	1	1	0	7	5500-6200	P
Johns Hopkins <sup>199</sup>	G. D. Zuidema	3,893†	107	62	28,863	14	4	4	4	3	29	5000-...	P
St. Agnes	K. F. Mech	5,488	126	28	1,560	4	4	2	2	0	12	8000-9500	P
St. Joseph	J. Ashworth	4,884	103	43	6,084	5	3	2	2	0	12	6240-6960	P
Sinal Hospital of Baltimore	A. M. Seligman	6,280	105	48	8,773	10*	3	1	2	1	17†	5500-7500	P
South Baltimore General	N. Novin	2,783	49	40	6,887	4	2	2	2	0	10	6300-7200	P
Union Memorial	J. N. Classen	4,654†	175	39	46,893	5	3	2	2	0	12	7000-8500	P
University of Maryland Affiliated	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitals <sup>228</sup>	...	...	...	...	...	9	6	6	6	0	27	...	...
Maryland General	C. Flotte, R. Pierpont	4,353	132	42	1,579	...	...	...	...	...	...	6100-6400	F
Mercy	T. B. Hibbard	3,696	80	42	4,932	...	...	...	...	...	...	6300-6900	F
University of Maryland	R. Buxton	2,448	109	43	12,612	...	...	...	...	...	...	5700-7100	P
Veterans Admin.	R. F. Kieffer, Jr.	717	25	64	695	1	1	1	1	0	4	4610-8230	P
<b>Cheverly</b>													
Prince George's General <sup>148</sup>	J. Bayly	4,726	168	57	4,623	4	2	2	2	0	10	8400-9600	O
<b>Fort Howard</b>													
Veterans Admin. <sup>198</sup>	J.M. Miller	1,119	74	47	2,237	3	2	1	1	0	7	4610-8230	P
<b>MASSACHUSETTS</b>													
<b>Boston</b>													
Beth Israel	W. Silen	3,912	68	56	3,449	12	1	1	1	2	17	6000-10000	...
Boston City	...	...	...	...	...	...	...	...	...	...	...	...	...
1st Surgical Service (Tufts) <sup>99</sup>	R. Deterling	1,803	48	52	8,556	9	6	3	3	2	23	6600-9000	O
Veterans Admin. (Jamaica Plain)	D. C. Nabseth	2,259	108	60	5,961	...	...	...	...	...	...	6600-9000	O
3d Surgical Service (Boston Univ.)	J.J. Byrne	1,876	101	56	8,092	6	4	4	4	0	18	6600-9000	O
Veterans Admin. (Jamaica Plain)	D. C. Nabseth	2,259	108	60	5,961	...	...	...	...	...	...	6600-9000	O
5th Surgical Service (Harvard)	W. McDermott	1,831	65	74	16,106	10	8	10	6	0	34	6600-9000	O
Cambridge City (Cambridge)	R. Warren	1,635	79	51	3,000	...	...	...	...	...	...	6600-9000	P
New England Deaconess	C. E. Sedgwick	3,615	83	59	258	...	...	...	...	...	...	6600-9000	O
Veterans Admin. (Manchester, N.H.)	T. H. Moghul	785	48	54	2,092	...	...	...	...	...	...	6440 8230	P
Boston University Affiliated	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitals	R. H. Egdahl	...	...	...	...	10	4	4	4	0	22	...	...
University	R. H. Egdahl	1,490	55	40	3,884	...	...	...	...	...	...	6600-9000	O
Veterans Admin. (Jamaica Plain)	D. C. Nabseth	2,259	108	60	5,961	...	...	...	...	...	...	6600-9000	O
Veterans Admin. (Providence, R. I.)	H. W. Harrower	1,660	92	63	3,741	...	...	...	...	...	...	4610-8230	P
Carney	C. J. Shea	6,726	152	42	4,691	5	4	3	2	0	14	6600-9000	P
Massachusetts General <sup>326</sup>	P. Russell	6,947†	347	63	2,312	14	12	8	8	2	44	6000-9000	O
New England Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...
Hospitals <sup>81</sup>	R. A. Deterling	2,620	51	57	7,233	8	6	3	3	2	22	6600-9000	O
Veterans Admin. (Jamaica Plain)	D. C. Nabseth	2,259	108	60	5,961	...	...	...	...	...	...	6600-9000	O
Peter Bent Brigham <sup>204</sup>	F.D. Moore	4,297	194	81	28,060	9	9	4	4	3	29	6600-10000	P
Veterans Admin. (West Roxbury)	H. B. Wheeler	529	34	85	2,304	...	...	...	...	...	...	6600-10000	O
St. Elizabeth's Hospital of Boston	R. Stanton	4,606	139	52	6,488	5*	4	3	2	0	14	6600-9000	P
Lawrence F. Quigley Memorial (Chelsea)	G. F. Miller	538	36	50	3,452	...	...	...	...	...	...	6000-9000	O
<b>Cambridge</b>													
Cambridge City - See Boston City (5th Surgical Service, Harvard), Boston													
<b>Chelsea</b>													
Lawrence F. Quigley Memorial - See St. Elizabeth's, Boston													
<b>Pittsfield</b>													
Berkshire Medical Center	R. Zupanec	5,426	76	50	1,726	3	2	1	1	0	7	5180-7100	F
Pittsfield General	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Luke's	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Springfield</b>													
Springfield	D.A. DeLaurentis	7,592†	183	49	1,889	6*	4	2	2	0	14	6600-9000	P

Numerical and other references are listed on pages 279 through 282.

26. SURGERY - Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Outpatient Visits	Residencies Offered 1969-1970						Total All Years	Salary per Year Min.-Max.	Main-tenance
			Number	Neerogry Per cent	Number		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>MASSACHUSETTS - Continued</b>															
<b>Worcester</b>															
Memorial	D. Hight	117	6,089	85	39	1,729	3	2	2	1	0	8	5400-6300	F	
St. Vincent	C. S. Whelan	211	7,806	190	53	888	5	4	3	2	0	14†	6600-9000	FP	
Worcester City	J. Maroney	170	4,556	148	49	9,951	3	3	2	1	0	9	6595-8932	FP	
<b>MICHIGAN</b>															
<b>Allen Park</b>															
Veterans Admin. - See Wayne State U. Affil. Hosps., Detroit															
<b>Ann Arbor</b>															
St. Joseph Mercy	D. A. Campbell	150	7,473‡	98	67	38,625	6*	3	3	3	0	15	7500-8400	O	
University of Michigan Affiliated Hospitals	C.G.Child, 3d	87	1,971	93	63	8,480	24	12	9	2	5	52	5000-6700	O	
Veterans Admin.		130	2,445	45	84	8,094							4830-8550	O	
Wayne County General Hospital and Infirmary (Eloise)		89	2,634	176	32	8,426							6852-8500		
<b>Detroit</b>															
Detroit - Macomb Hospitals	J.Pendy						2	2	2	2	0	8	6300-7200	P	
Detroit Memorial		118	3,593	112	47	1,134									
South Macomb (Warren)		66	3,711	41	25										
Grace <sup>24</sup>	T. C. Arminski	230	8,171	209	51	1,897	10*	5*	3	3	0	21	6300-7200	P	
Harper <sup>80</sup>	P. J. Connolly	134	4,022	98	38	1,963	8	3	3	3	0	17	7500-8400	P	
Henry Ford	D. E. Szilagy	226	7,181	244	69	99,789	15	10	9	8	3*	45	6180-7380	P	
Mount Carmel Mercy	W. S. Carpenter	241	9,686	149	44	1,124	6	2	2	2	0	12	6300-7200	P	
St. John	J. A. Grady	134	6,051	131	37	1,399	3	3	3	3	0	12	5610-7920	FP	
Sinai Hospital of Detroit	M. L. Sorock	102	3,753	103	57	2,413	4*	2	2	2	0	10	6600-8400	P	
Wayne State University Affiliated Hospitals	A. J. Walt						16	10	7	7	0	40			
Veterans Admin. (Allen Park)	W. H. Gerwig	129	1,212	116	71	8,480							4830-8550	O	
Detroit General	A. J. Walt	157	4,172	182	48	10,595							6500-7400	P	
Hutzel	J.R.Brown	82	2,801	66	35	412							6500-7400	P	
<b>Eloise</b>															
Wayne County General Hospital and Infirmary - See U. Mich. Affil. Hosps., Ann Arbor															
<b>Flint</b>															
Hurley	O.F.Kline, Jr.	205	6,774	143	45	2,649	4	4	4	4	0	16	6300-7800	P	
<b>Grand Rapids</b>															
Blodgett Memorial	W. Fuller	121	5,008	80	78	2,051	2	2	2	2	0	8	7200-7800	P	
Butterworth	R. Schlosser	141	5,986‡	146	55	1,230	3	3	2	2	0	10	6900-7500	P	
St. Mary's	F.S. Gillett	98	5,270	98	43	1,089	2	1	1	1	0	5	7500-8400	P	
<b>Highland Park</b>															
Highland Park General	C.G. Barone	89	3,625	81	41	989	2	2	2	2	0	8	6300-7200	P	
<b>Pontiac</b>															
Pontiac General	C. H. Birkelo	132	5,161	124	56	926	2	2	2	2	0	8	7500-8100	FP	
Pontiac State															
<b>Royal Oak</b>															
William Beaumont	P. Jordan	235	7,148	112	55	1,285	8*	5*	5*	5	0	23†	8880-10500	P	
Pontiac State	F. W. Campbell														
<b>Warren</b>															
South Macomb - See Detroit-Macomb Hospitals, Detroit															
<b>MINNESOTA</b>															
<b>Minneapolis</b>															
Hennepin County General	C.R.Hitchcock	84	2,744	150	76	11,128	5	5	4	4	4	22	5000-9000	P	
University of Minnesota Affiliated Hospitals	S. J. Najarian						23	10	10	8	8	59			
Mount Sinai	M. M. Eisenberg	112	5,452	30	70	4,169							6000-7000	P	
University of Minnesota Hospitals	S. J. Najarian	115	2,217	198	79	3,041							5500-9000	O	
Veterans Admin.	E. Humphrey	187	2,219	130	78	5,780							5000-8550	O	
<b>Rochester</b>															
Mayo Graduate School of Medicine	G. A. Hallenbeck	211	10,619	254	79	62,752	20*	20*	18*	14	0	72	5400-8000	P	
Rochester Methodist															
St. Mary's															
<b>St. Paul</b>															
Charles T. Miller	N. Trotman	103	3,154	82	57	2,005	1	1	1	1	0	4	6600-8400	P	
St. Paul-Ramsey	J. F. Perry	77	2,111	149	80	7,433	5	2	2	2	0	11†	5000-6500	O	
<b>MISSISSIPPI</b>															
<b>Jackson</b>															
University of Mississippi Medical Center <sup>84</sup>	J. D. Hardy						10	8	8	6	0	32			
University	J. D. Hardy	51	2,009	85	59	6,065							5100-7110	O	
Veterans Admin. Center	J.H. Conn	68	1,243	49	65	3,940							4830-7430	O	
<b>MISSOURI</b>															
<b>Columbia</b>															
University of Missouri Medical Center <sup>222</sup>	M.S. DeWeese	46	1,382‡	61	62	5,394	8	4	4	4	0	20	5000-6500	P	
<b>Kansas City</b>															
Kansas City General Hospital and Medical Center	A. Ramos	37	1,787	125	24	10,107	4	4	4	2	0	14	5985-7875	FP	
St. Luke's <sup>223</sup>	R. Allen	109	4,699	115	51	8,500	4	2	2	2	0	10	5600-7740	P	
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas															
<b>St. Louis</b>															
Barnes Hospital Group <sup>12</sup>	W. Ballinger	98	3,147	134	60	5,712	13*	3	3	3	3	25†	5400-7000	O	
Veterans Admin. (Washington University Service)	W. T. Newton	46	980	52	73	1,812							4830-7430	O	
Deaconess	W. R. Cole	133	5,108	78	44	25,102	2	2	2	1	0	7	6000-7800	F	
Homer G. Phillips	A. D. Spencer	117	3,811	221	38	16,160	8*	4	4	4	0	20	5305-6448	P	
Jewish Hospital of St. Louis	A. E. Baue	120	4,377	99	53	2,371	5	3	3	3	0	14	5700-7500	P	
Missouri Baptist	E. R. Lerwick	51	1,999‡	56	39	280	4	3	3	2	0	12	4800-6600	O	
Missouri Institute of Psychiatry - St. Louis State	E. R. Lerwick	32	324	21	52	1,833							5400-6600	O	
St. John's Mercy	W. Monafu	195	7,718	115	54	851	3	2	2	1	0	8	5400-6600	F	

Numerical and other references are listed on pages 279 through 282.

26. SURGERY—Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Neeropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MISSOURI, St. Louis—Continued</b>														
St. Louis City	G. Tucker	39	1,454	102	51	4,314	8*	4	4	4	0	20	5305-6448	O
St. Louis County <sup>222</sup>	J. C. Peden	57	2,198	63	40	26,993	3	3	3	3	0	12	5400-7200	F
St. Louis-Little Rock Hospitals	R. A. Weir	118	3,591	55	43	31,912	3	3	2	2	0	10	5100-5700	F
St. Louis University Group of Hospitals	C.R. Hanlon	164	5,937	313	65	3,430	6	5	4	2	3	20	6600-7800	O
Veterans Admin. (St. Louis University Service)	H. B. Barner	46	1,059	86	69	1,757	...	...	...	...	...	...	4830-7430	O
St. Luke's	C. Lischer	118	4,328	53	49	2,001	5	1	1	1	0	8	6000-7200	F
<b>NEBRASKA</b>														
<b>Omaha</b>														
Creighton University Affiliated Hospitals	F. Miller	...	...	...	...	...	4	4	2	2	0	12	...	...
Creighton Memorial St. Joseph's	F. Miller	149	4,715	69	36	...	...	...	...	...	...	...	6300-7200	P
Douglas County	...	50	1,274	76	59	...	...	...	...	...	...	...	...	...
Veterans Admin.	J. F. Duesman	109	1,791	92	61	5,410	...	...	...	...	...	...	4830-8550	P
University of Nebraska Affiliated Hospitals	M. M. Musselman	...	...	...	...	...	5*	4	4	4	1	17	...	...
University of Nebraska	M. M. Musselman	22	450	21	71	5,093	...	...	...	...	...	...	4900-7200	P
Douglas County	...	50	1,274	76	59	...	...	...	...	...	...	...	...	...
Veterans Admin.	W. C. Davis	109	1,791	92	61	5,410	...	...	...	...	...	...	4830-8550	P
<b>NEW HAMPSHIRE</b>														
<b>Henover</b>														
Dartmouth Medical School Affiliated Hospitals	...	...	...	...	...	...	6	4	4	4	0	18	...	...
Mary Hitchcock Memorial	J. H. Lyons, Jr.	85	3,291	66	85	28,402	...	...	...	...	...	...	5600-9000	O
Veterans Admin. Center (White River Junction, Vt.)	W. B. Crandell	42	590	31	84	1,904	...	...	...	...	...	...	4610-7110	O
<b>Manchester</b>														
Veterans Admin. - See Boston City (5th Surg. Service, Harvard), Boston, Mass.														
<b>NEW JERSEY</b>														
<b>Camden</b>														
Cooper	E. H. Kain	169	4,245	192	40	11,294	2	1	1	1	0	5	5600-6500	F
<b>East Orange</b>														
Veterans Admin. <sup>228</sup>	O. Serlin	72	1,740	77	53	2,630	6	3	3	3	0	15	6800-8630	P
<b>Englewood</b>														
Englewood <sup>31</sup>	G. O. Halsted	161	7,320	99	38	2,680	2	2	2	1	0	7	5460-6360	FP
<b>Jersey City</b>														
Jersey City Medical Center	B. J. Wattiker	66	2,281	130	19	8,896	8	5	4	4	0	21	6300-7700	O
<b>Livingston</b>														
St. Barnabas Medical Center <sup>261</sup>	C. J. Reilly	229	10,174	98	28	3,797	4	1	1	1	0	7	5400-7200	F
<b>Long Branch</b>														
Monmouth Medical Center	L. Barnett	127	5,658	145	85	5,442	3	1	1	1	0	6	5400-6600	P
<b>Newark</b>														
Newark Beth Israel	V. Parsonnet	130	4,895	96	30	13,428	3	1	1	1	0	6	5300-6000	F
Newark City	I.M. Rollins	184	4,083	138	54	10,257	6*	4	4	4	0	18	6200-8900	P
<b>Orange</b>														
Orange Memorial	L.E. Ulvestad	97	3,088	82	57	2,036	3*	2	1	1	0	7	4500-6000	FP
<b>Peterborough</b>														
St. Joseph's <sup>250</sup>	A.F. McBride	90	3,006	116	57	2,224	4	2	2	2	0	10	7644-8544	O
<b>Trenton</b>														
St. Francis	J.F. Kustrup	165	5,320	110	60	4,126	2	2	2	2	0	8	4800-7800	F
<b>NEW MEXICO</b>														
<b>Albuquerque</b>														
University of New Mexico Affiliated Hospitals <sup>81</sup>	J.S. Clarke	...	...	...	...	...	8	2	2	2	2	16	...	...
Bernalillo County Medical Center	J.S. Clarke	18	709	23	39	2,050	...	...	...	...	...	...	6060-6930	P
Veterans Admin.	D. E. Smith	82	2,212	62	71	13,475	...	...	...	...	...	...	5900-8550	O
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical College Affiliated Hospitals	C. Eckert	...	...	...	...	...	8	6	5	3	4	26	...	...
Albany Medical Center	...	97	3,269	134	60	871	...	...	...	...	...	...	6600-10600	P
Veterans Admin.	...	98	1,120	67	70	3,865	...	...	...	...	...	...	4830-7430	O
<b>Buffalo</b>														
Millard Fillmore	F. Stoesser	195	6,312 <sup>‡</sup>	234	42	3,710	5	3	3	2	0	13	5300-6800	P
Sisters of Charity	F. M. Zaepfel	171	5,501	193	46	1,281	3	3	3	3	0	12	5250-7200	FP
Emergency Hospital of the Diocese of Buffalo	F. M. Zaepfel	84	2,263	62	41	22,636	...	...	...	...	...	...	6450-7200	P
<b>S.U.N.Y. at Buffalo Affiliated Hospitals, Program 1.</b>														
Buffalo General	J. R. Paine	130	3,356	136	48	2,284	...	...	...	...	...	...	5300-6800	O
Veterans Admin.	W. M. Chardack	138	1,654	72	47	3,852	...	...	...	...	...	...	4610-8230	O
<b>S.U.N.Y. at Buffalo Affiliated Hospitals, Program 2.</b>														
Edward J. Meyer Memorial	W. G. Schenk	91	2,108	150	42	25,611	7	5	4	4	4	24	5550-7260	P
Veterans Admin.	W. M. Chardack	138	1,654	72	47	3,852	...	...	...	...	...	...	4610-8230	O
<b>Cooperstown</b>														
Mary Imogene Bassett <sup>287</sup>	D. Blumenstock	35	1,399	49	73	12,780	3	1	1	1	0	6	5400-6900	P
<b>East Meadow</b>														
Meadowbrook	A. Di Benedetto	42	2,693	123	50	7,767	6	3	3	3	0	15	6316-8016	F
<b>Manhasset</b>														
North Shore - See Cornell Cooperating Hospitals, New York City														
<b>Mineola</b>														
Nassau	R. F. Smith	87	4,200	79	53	8,478	2	2	2	2	0	8	7500-8400	P
<b>New Hyde Park</b>														
Long Island Jewish Hospital Training Program	P. E. Lear	...	...	...	...	...	16*	3	3	3	0	25	...	...
Long Island Jewish	P. E. Lear	46	1,908	43	35	2,322	...	...	...	...	...	...	6000-7750	O
Queens Hospital Center (New York City)	G. Saypol	129	3,457	230	45	20,814	...	...	...	...	...	...	5750-6810	F

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P O	
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NEW YORK - Continued</b>															
<b>New Rochelle</b>															
New Rochelle	W. J. Mc Cann	71	2,464	136	43	2,972	3	2	1	1	0	7	6300-7200	F	
<b>New York City</b>															
Albert Einstein College of Medicine															
Affiliated Hospitals <sup>270</sup>															
Bronx Municipal Hospital Center	D. State	122	3,840	206	50	18,500							4980-6200	F	
Hospital of the Albert Einstein College of Medicine	D. State		1,074	41	49	2,064							4980-6420	F	
Lincoln	P. Weil	77	2,674	65	30	23,443							4980-6000	P	
Beekman-Downtown <sup>261</sup>	R. B. Nolan	77	1,890	58	41	8,494	4	2	1	1	0	8	6000-7500	P	
Beth Israel <sup>241</sup>	L. Ginzburg	109	2,986	40	30	21,426	10	6	3	1	0	20	6150-7900	P	
Booth Memorial	J. Chassin	70	2,877	68	59	4,325	4	2	1	1	0	8	6000-7500	O	
Bronx-Lebanon Hospital Center	P. Gerst	168	5,164	153	42	15,683	6*	5*	4*	3	0	18†	6000-7800	P	
Brookdale Hospital Center	C. B. Ripstein	104	2,835	89	35	10,705	6	2	2	2	0	12	6000-7500	P	
Brooklyn - Cumberland Medical Center	R. C. Britton	199	5,022	214	29	47,146	7	5	4	4	0	20	5640-7500	P	
Brooklyn - Cumberland															
Columbus	L. Rosati	78	3,337	172	38	8,081	3	3	2	2	0	10	6000-7500	F	
Coney Island	H. Krieger	122	3,174	109	37	23,934	6	3	3	3	0	15	4980-6220	P	
Cornell Cooperating Hospitals															
New York	R. W. Lillehei	156	3,576	111	75	24,477	8	9	8	4	1	37†	6000-10500	F	
North Shore (Manhasset) <sup>261</sup>	R. C. Karl	95	4,664	62	69	5,079	6	4	2	2	0	14	6340-8340	P	
Flushing Hospital and Medical Center <sup>240</sup>	J. J. Creedon	108	4,256	110	47	19,218	3	2	2	2	0	9	5600-7200	P	
French <sup>263</sup>	J. E. Mc Manus	88	3,026	50	58	6,556	2	2	1	1	0	6	5500-6500	F	
Harlem Hospital Center <sup>97</sup>	J. M. Ferrer	155	4,273	87	30	12,887	12	4	4	4	4	28	4980-6200	P	
Hospital for Joint Diseases and Medical Center	J. R. Wilder	62	1,478	39	31	10,430	2	2	2	1	0	7	6000-7500	P	
Jamaica	H. Barber	102	4,635	79	48	18,189	2	2	2	2	2	10	6000-8400	FP	
Jewish Hospital and Medical Center of Brooklyn	B. Lewowitz	92	2,820	98	21	5,770	10	4	4	4	0	22	5000-...		
Greenpoint	W. Calam	45	1,220	39	34	33,937							7500-9000	P	
Knickerbocker	E. Fleischmann	83	2,071	56	75	7,055	4	2	2	2	0	10	5280-6960	FP	
Lenox Hill	W. W. Fischer	160	4,772	119	55	9,032	6*	3	2	2	0	13†	5600-6800	P	
Long Island College <sup>97</sup>	R. A. Mainzer	148	3,728	151	17	8,076							8 5500-8000	P	
Lutheran Medical Center	G. F. Cucolo	135	4,477	82	38	3,549	4	3	3	2	0	12	6500-8000	P	
Maimonides Medical Center	A. Kantrowitz	99	2,829	134	48	3,974	5	5	5	5	0	20	6000-7750	P	
Methodist Hospital of Brooklyn	I. F. Enquist	140	4,350	250	31	6,088	8	4	4	4	0	20	6000-7100	P	
Misericordia - Fordham Training Program	B. M. Reynolds	233	5,897	265	46	36,231	8	4	4	4	0	20	6600-8700	F	
Misericordia															
Fordham															
Montefiore Hospital Training Program	M. Gliedman														
Montefiore Hospital and Medical Center		93	2,986	110	46	1,460									
Morrisania City		45	825	23	49	11,254									
Mount Sinai Hospital Training Program <sup>91</sup>															
Mount Sinai	A. E. Kark	152	4,726	120	50	2,800								6000-8500	P
City Hospital Center at Elmhurst	D. A. Dreiling	77	1,753	150	28	31,991								6300-8300	F
<b>New York Medical College-Metropolitan Hospital</b>															
Center	W. L. Mersheimer						12	8	4	4	0	28	4980-6000	F	
Unit 1 - Flower and Fifth Avenue Hospitals		68	2,322	68	31	458									
Unit 2 - Metropolitan		92	2,286	130	46	22,299									
Unit 3 - Bird S. Coler Memorial Hospital and Home															
<b>New York Polyclinic Medical School and Hospital</b>															
	W. H. Cassebaum	76	2,732	77	43	3,972	6	2	2	2	0	12	5900-7100	P	
<b>New York University - Bellevue Medical Center</b>															
Bellevue Hospital Center	F. C. Spencer						21	14	11	7	0	53			
University	F. C. Spencer	283	946	136	45	101,951							4980-6000	P	
Veterans Admin. (Manhattan)	D. A. Tice	139	4,019	153	41	955							7440-8680	P	
Presbyterian <sup>252</sup>	G. Humphreys	165	2,759	113	37								7090-8550	O	
Queens Hospital Center - See Long Island Jewish Hosp. Training Program, New Hyde Park		218	6,873	71	48	35,878	10*	9*	7*	7	1	34†	6000-8500	O	
Roosevelt	J. E. Thompson	168	4,622	180	47	6,528	10	5	3	3	0	21	5500-7500	P	
St. Clare's <sup>238</sup>	J. Madden	170	4,219	135	33	5,011	7	5	3	3	0	18	6500-8000	FP	
St. John's Episcopal	J. E. Mule	75	2,776	69	35	8,447	2	2	2	2	0	8	5500-7000	FP	
St. Luke's Hospital Center	H. A. Zintel	120	3,149	117	54	18,064	6	5	4	3	0	18	6000-7500	P	
St. Vincent's Hospital and Medical Center of New York	R. F. Nealon, Jr.	257	6,078	254	57	14,878	10*	5	3	3	0	21	5500-7000	P	
St. Vincent's Medical Center of Richmond	W. C. Frederick	85	2,662	80	50	2,770	3	2	2	1	0	8	5700-6600	F	
Staten Island	J. S. Snider	61	2,416	81	29	908	2	2	1	1	0	6	6500-8000	F	
<b>State University - Kings County Medical Center<sup>97</sup></b>															
Kings County Hospital Center	C. Dennis	266	6,411	411	34	33,175		14	16	10	10	10	70†		
State University		14	378†	10	40	1,000							4980-6400	P	
Unity	B. Shafiroff	77	3,415	46	41	4,105	2	1	1	1	0	5	6000-6900	O	
Veterans Admin. (Bronx)	P. Cooper	125	1,887	93	52	3,082	6*	4	3	3	0	16†	7090-8550	O	
Veterans Admin. (Brooklyn)	H. H. Le Veen	133	2,068	113	22	5,535	8	3	3	3	0	17	7090-8310	O	
Wyckoff Heights <sup>97</sup>	P. Zoller	171	5,599†	136	36	4,181	4	5	4	2	2	17	5000-6500	F	
<b>Rochester</b>															
Genesee	W. A. Southgate	137	6,595	99	47	4,877	5	3	1	1	0	10	6600-8100	O	
Highland Hospital of Rochester	H. D. Kingsley	102	4,895	96	46	626	4	2	1	1	0	8	6600-8100	P	
Rochester General	J. R. Hinshaw	145	5,580	126	63	2,543	5*	3*	2	2	0	12	7000-8500	P	
St. Mary's	A. J. Graziani	90	2,699†	141	50	2,288	4	2	2	2	0	10	5750-7250	P	
Strong Memorial Hospital of the University of Rochester <sup>91 273</sup>	C. E. Rob	77	2,658	130	54	5,606	14	8	4	3	3	32	5500-8500	P	

Numerical and other references are listed on pages 279 through 282.

26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NEW YORK - Continued</b>														
<b>Schenectady</b>														
Ellis	H. J. Wright, Jr.	135	6,485	176	57	316	4*	2	1	1	0	8	6300-7500	FP
<b>Syracuse</b>														
St. Joseph's	A. C. De Furia	70	3,091	64	45	1,802	4	2	2	1	0	9	6700-10000	F
S.U.N.Y. Upstate Medical Center	L. Rogers	256	8,620	280	47	10,893	14*	8	5	4	1	32	6600-7800	O
Veterans Admin.	L. S. Rogers	67	1,215	58	63	2,994	...	...	...	...	...	...	5050-8550	O
<b>Valhalla</b>														
Grasslands	M. Rohman	70	1,722	73	75	9,909	3*	3*	3	3	0	12	9256-11518	P
<b>NORTH CAROLINA</b>														
<b>Chapel Hill</b>														
North Carolina Memorial	C. G. Thomas	38	1,282	53	35	7,910	10	6	3	3	1	23	4500-7500	O
<b>Charlotte</b>														
Charlotte Memorial	A. G. Brenizer	92	3,520	55	53	8,793	2	1	1	1	0	5	6000-7200	P
<b>Durham</b>														
Duke University Affiliated Hospitals	D. C. Sabiston, Jr.	...	...	...	...	...	18*	4	4	4	4	34	...	...
Duke University Medical Center	D. C. Sabiston, Jr.	53	1,999	52	67	10,933	...	...	...	...	...	...	5500-7000	...
Veterans Admin.	D. L. Stickel	20	1,163	50	66	...	...	...	...	...	...	...	4610-8230	O
<b>Winston-Salem</b>														
Forsyth Memorial	K. V. Tyner	229	9,776†	173	34	3,613	5	3	2	2	0	12	5100-7200	P
North Carolina Baptist Hospitals	R. Myers	60	2,496	74	64	3,999	8	3	3	3	0	17	5500-8000	P
<b>OHIO</b>														
<b>Akron</b>														
Akron City <sup>274</sup>	R. M. Bartlett	159	5,441	196	...	968	9*	2	2	2	0	15	8420-10040	P
Akron General <sup>274</sup>	W. B. Trivett	102	2,980	124	53	1,400	4	4	2	2	0	12	8400-9600	F
St Thomas	R. E. Yeakley	117	4,120	110	54	1,070	6	2	2	2	0	12	8688-10128	FP
<b>Cincinnati</b>														
Christ	D. Earley	97	3,420†	107	40	495	7	2	2	1	0	12	6000-6900	F
<b>Good Samaritan Hospital Training Program</b>														
Good Samaritan	J. J. Cranley	...	...	...	...	...	8*	5*	3	3	0	19	...	...
Longview State	J. J. Cranley	131	4,169	173	43	543	...	...	...	...	...	...	6000-7800	P
Jewish <sup>277</sup>	J. N. Wilson	...	...	...	...	...	...	...	...	...	...	...	...	...
University of Cincinnati Hospital Group	S. Blank	176	7,473†	100	39	1,117	4*	4*	3	2	0	13	6000-7800	P
Children's	W. A. Altemeier	46	2,221	19	68	1,122	14	7	6	6	5	41†	...	...
Cincinnati General	...	129	2,660	208	40	23,641	...	...	...	...	...	...	5640-7140	P
Veterans Admin.	...	66	1,049	51	65	...	...	...	...	...	...	...	4830-8550	O
<b>Cleveland</b>														
Cleveland Clinic-St. Vincent Charity	...	...	...	...	...	...	12*	6	3	3	0	24	5400-7400	P
Cleveland Clinic	R. E. Hermann	170	7,753	140	60	12,736	...	...	...	...	...	...	...	...
St. Vincent Charity	F. Vecchio	113	4,013	86	45	5,630	...	...	...	...	...	...	...	...
Cleveland Metropolitan General	J. H. Davis	49	1,472	61	63	15,608	10*	4	4	4	0	22†	5800-9200	P
Fairview General	P. W. Edgecombe	107	6,692†	81	40	12,212	5	3	2	2	0	12	5400-7200	F
<b>Robinson Memorial Portage County (Ravenna)</b>														
Huron Road	P. W. Edgecombe	71	4,684	43	54	11,931	...	...	...	...	...	...	...	...
Lutheran	J. L. Bilton	155	5,017	161	43	3,563	5	3	3	3	0	14	4800-6300	FP
Mount Sinai Hospital of Cleveland <sup>280</sup>	W. O. Lewin	130	5,256	100	45	720	6	3	2	2	0	13	5400-7200	F
St. Alexis	C. Marks	129	5,184	111	42	11,620	7	2	2	2	0	13	6600-9000	F
St. Luke's	C. R. Lulenski	153	5,444	143	79	1,893	4	2	2	2	0	10	6000-7800	FP
University Hospitals of Cleveland	F. S. Cross	126	3,966	124	56	8,351	2	2	2	2	0	8	6600-9000	P
Veterans Admin.	W. D. Holden	90	3,335	162	58	16,486	14*	5	5	5	0	29	6000-7500	P
	J. W. Benson	77	1,274	65	58	1,334	...	...	...	...	...	...	6850-9250	P
<b>Columbus</b>														
Mount Carmel	R. W. Zollinger	118	4,535	111	48	1,482	2*	2*	1	1	0	6	7800-9000	F
Ohio State University Hospitals	R. Zollinger	99	3,071	135	70	3,559	8	6	4	4	1	23	5700-8160	P
Riverside Methodist	D. K. Heydinger	171	7,207	99	49	6,294	5*	2	2	2	0	11	7800-9000	P
<b>Dayton</b>														
Good Samaritan	F. H. Miller	174	7,013	158	68	577	1	1	1	1	0	4	6300-7200	F
Miami Valley	R. K. Finley	294	10,514†	219	51	2,093	3*	2	2	2	0	9	7800-8700	P
Veterans Admin. Center <sup>285</sup>	C. L. Cogbill	133	1,795	114	69	2,586	6	3	3	3	0	15	6300-8230	O
<b>Ravenna</b>														
Robinson Memorial Portage County	See Fairview General, Cleveland	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Toledo</b>														
Maumee Valley	R. A. Gandy, Jr.	60	1,585	92	59	3,618	4	2	2	2	0	10	5400-6300	FP
<b>Youngstown</b>														
St. Elizabeth	M. Vuksta	190	8,184	140	41	2,095	6	4	2	2	0	14	5400-8700	FP
Youngstown	F. Inui	257	10,532	173	45	2,002	6	4	2	2	0	14	5400-9600	F
<b>OKLAHOMA</b>														
<b>Oklaoma City</b>														
St. Anthony	H. B. Howard	139	6,209	132	36	3,149	2	1	2	1	0	6	8700 9600	P
University of Oklahoma Medical Center <sup>85</sup>	J. A. Schilling	63	1,688	47	63	4,267	8*	6*	5*	4*	1	24	...	...
University of Oklahoma Hospitals	J. A. Schilling	61	1,026	40	85	2,880	...	...	...	...	...	...	5500 8000	P
Veterans Admin.	L. J. Greenfield	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>OREGON</b>														
<b>Portland</b>														
Emanuel	H. D. Colver	73	4,414†	90	52	5,984	3*	1	1	1	0	6	6600 8400	P
Good Samaritan Hospital and Medical Center	H. W. Baker	146	6,291	58	53	418	1	1	1	1	0	4	6600 8400	P
St. Vincent <sup>281</sup>	J. Nadal	177	7,973	109	54	8,636	2	2	2	2	0	8	6600 8400	P
University of Oregon Medical School Hospitals and Clinics <sup>81</sup>	W. W. Krippaehne	84	2,008	111	59	11,283	5	5	5	5	3	23	4200 6000	FP
Veterans Admin.	R. M. Vetto	96	1,016	46	72	3,405	...	...	...	...	...	...	4610 8230	P

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 26. SURGERY—Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance P O
				Number	Neeropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>PENNSYLVANIA</b>														
<b>Abington</b>														
Abington Memorial	A. S. Froese	134	5,732	117	50	4,318	4	2	2	2	0	10	5400 7500	P
<b>Allentown</b>														
Allentown	E. J. Stahler	125	6,339‡	268	45	22,091	1	1	1	1	0	4	7700 8500	P
<b>Bethlehem</b>														
St. Luke's	G. R. Greenwood	172	6,273	159	36	6,662	3	2	1	1	0	7	6000 7800	FP
<b>Bryn Mawr</b>														
Bryn Mawr	W. C. Stainback	148	5,800‡	99	33	3,409	6	3	3	3	0	15	4750 6900	F
Veterans Admin. Wilmington, Del.	J. K. Bouzoukis	74	894	83	54	5,114	..	..	..	..	..	..	6750 8550	P
<b>Danville</b>														
Geisinger Medical Center	H. M. Klinger	82	2,756	134	63	15,572	2	2	2	2	0	8	5800 7000	P
<b>Darby</b>														
Thomas M. Fitzgerald Mercy Division	See Mercy Catholic Medical Center, Philadelphia													
<b>Erie</b>														
Hamot	D. D. Dunn	103	2,439	71	51	1,397	1	1	1	1	0	4	7800 9000	P
<b>Harrisburg</b>														
Harrisburg	R. P. Dutlinger	226	7,045	242	35	41,118	4*	2	2	2	0	10	7200 9300	F
<b>Philadelphia</b>														
Albert Einstein Medical Center	M. Pareira	164	5,450‡	158	44	20,619	9	3	3	3	0	18	5100 6000	P
Germentown Dispensary and Hospital	W. S. C. Harris	120	3,430	152	59	26,303	1	1	1	1	0	4	6300 8400	FP
Graduate Hospital of the University of Pennsylvania	J. W. S. Blakemore	130	4,680	62	69	4,122	6*	4*	3*	2	2	17	5400 6600	P
Hahnemann Medical College and Hospital	I. D. Baronofsky	89	3,169	80	29	3,914	8	6	6	4	0	24	4500 5700	P
Hospital of the University of Pennsylvania <sup>292</sup>	J. E. Rhoads	134	3,295	216	65	9,819	12*	8	7	6	6	39	5500 9800	O
Veterans Admin.	S. J. Dudrick	79	1,125	107	61	3,400	..	..	..	..	..	..	4830 8550	O
Hospital of the Woman's Medical College of Pennsylvania	D. R. Cooper	47	2,427	47	62	10,330	6	3	3	3	0	15	5400 7800	P
Veterans Admin.	B. Sigel	79	1,125	107	61	3,400	..	..	..	..	..	..	4830 8550	O
Jefferson Medical College	J. Y. Templeton	96	2,772	39	62	5,880	8*	4	4	4	0	20	5500 7000	O
Chestnut Hill	J. W. Stayman, Jr.	83	3,520	52	50	8,647	..	..	..	..	..	..	4100 5600	F
Methodist	J. J. De Tuerk	77	3,092	65	21	6,920	..	..	..	..	..	..	..	..
Lankenau <sup>295</sup>	E. W. Shearburn	108	4,033	127	49	6,575	3*	2	2	2	0	9	6600 9000	O
Mercy Catholic Medical Center	W. D. O'Sullivan	..	..	..	..	..	2	2	2	2	0	8	..	..
Misericordia Division	G. F. Gowen	87	3,811	158	51	9,855	..	..	..	..	..	..	6600 8400	F
Thomas M. Fitzgerald Mercy Division (Darby)	E. C. Meyer	115	3,338	69	38	2,279	..	..	..	..	..	..	6600 8400	P
Pennsylvania <sup>95</sup>	P. V. Moulder	78	2,389	124	48	8,864	6	3	3	3	0	15	5300 6200	O
Philadelphia General	..	127	3,218	189	42	39,148	..	..	..	..	..	..	..	..
Hahnemann Medical College Division <sup>249</sup>	P. M. James	..	..	..	..	..	1	1	1	1	0	4	6800 7700	O
Jefferson Medical College Division <sup>294</sup>	T. Mervine	..	..	..	..	..	1	1	1	1	0	4	6800 7700	O
University of Pennsylvania Division	W. H. Erb	..	..	..	..	..	1	1	1	1	0	4	..	..
Presbyterian University of Pennsylvania Medical Center	L. W. Stevens	125	3,884‡	40	55	9,451	2	2	2	2	0	8	5450 6500	P
Temple University	G. P. Rosemond	115	2,774	122	49	8,696	4	4	4	4	0	16	5000 6200	P
Veterans Admin. (Wilkes-Barre)	H. S. Irons, Jr.	109	1,181	70	53	..	..	..	..	..	..	..	4610 8230	..
<b>Pittsburgh</b>														
Allegheny General	D. D. Davis	65	2,110‡	78	45	2,118	4	2	2	2	0	10	7500 8400	P
Health Center Hospitals of the University of Pittsburgh	H. T. Bahnson	..	..	..	..	..	9	5	3	3	3	23	..	..
Children's Hospital of Pittsburgh	W. B. Kiesewetter	21	1,430	28	93	5,639	..	..	..	..	..	..	7500 9500	O
Presbyterian University	H. T. Bahnson	87	2,489	109	56	1,968	..	..	..	..	..	..	6000 8000	O
Veterans Admin.	F. Jackson	95	2,069	130	59	2,216	..	..	..	..	..	..	5500 8550	O
Mercy	C. E. Copeland	215	6,217	190	55	8,249	6	3	3	3	0	15	6300 7200	P
St. Francis General <sup>96</sup>	T. J. Madigan	176	6,439	109	26	3,288	5	2	2	1	0	10	8400 8400	P
Western Pennsylvania <sup>298</sup>	D. W. Elliott	212	7,204‡	142	49	4,156	8*	2	2	2	0	14	5700 6900	P
<b>Sayre</b>														
Robert Packer	J. M. Thomas	90	3,947	83	63	39,620	2*	1	1	1	0	5	5000 6000	FP
<b>Wilkes-Barre</b>														
Veterans Admin.	See Temple University, Philadelphia													
<b>York</b>														
York	R. W. Kehm	202	8,233	121	68	6,941	4*	2	2	2	0	10	6600 7800	F
<b>PUERTO RICO</b>														
<b>San Juan</b>														
Municipal Hospital Dr. Rafael Lopez Nussa	A. S. Casanova	101	3,356	117	2	3,744	6	4	4	4	0	18	5700 7470	P
University District	F. Raffucci	82	3,070	326	32	40,163	10	6	6	4	2	28	5700 7800	P
Veterans Admin. Center <sup>300</sup>	J. H. Amadeo	60	1,477	20	70	10,624	6	3	3	3	0	15	5985 7875	O
<b>RHODE ISLAND</b>														
<b>Providence</b>														
Rhode Island <sup>81</sup>	L. L. Vargas	137	5,047	184	36	5,421	6	2	2	2	2	14	6600 10000	P
Veterans Admin.	See Boston University Affiliated Hospitals, Boston, Mass.													
<b>SOUTH CAROLINA</b>														
<b>Charleston</b>														
Medical Center Hospitals	C. Artz	..	..	..	..	..	14	6	5	5	0	30	..	..
Medical College	C. Artz	40	1,158‡	42	33	8,717	..	..	..	..	..	..	4380 5400	P
Charleston County	C. Artz	25	..	..	..	..	..	..	..	..	..	..	..	..
Veterans Admin.	M. G. Weidner	102	1,543	62	52	4,733	..	..	..	..	..	..	4830 7430	O
<b>Columbia</b>														
Columbia Hospital of Richland County	W. C. Cantey	83	3,859	139	25	12,357	2	1	1	1	0	5	6000 7800	P
<b>Greenville</b>														
Greenville General	T. C. Mann	129	5,242	201	28	5,415	2*	2	1	1	0	6	5700 6700	P
<b>Spartanburg</b>														
Spartanburg General	E. M. Colvin	205	9,106	185	34	5,706	2	2	2	2	0	8	8400 10200	P

26. SURGERY - Continued

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>TENNESSEE</b>														
<b>Chattanooga</b>														
Baroness Erlanger	T. L. Buttram	190	7,388	236	41	6,695	6	4	3	3	0	16	6600-7500	F
<b>Knoxville</b>														
University of Tennessee Memorial Research Center and Hospital	H. A. Blake	82	2,793	98	31	5,342	2	1	2	1	0	6	5100-5640	F
<b>Memphis</b>														
Baptist Memorial	R. M. Miles	411	15,545	299	32	3,122	6	2	2	2	0	12	5700-6600	F
Methodist	T. Stanley	247	9,701	146	39	2,125	4	1	1	1	0	7	5700-7500	F
St. Joseph	M. Pian	146	6,126	201	43	2,710	1	1	1	1	0	4	5700-7500	F
University of Tennessee Affiliated Hospitals														
City of Memphis Hospitals	H. Wilson	125	3,243	147	39	10,871	6	5	5	5	1	22	5016-6468	F
Veterans Admin.	R. F. Bowers	155	1,855	91	74	2,230	12*	2	4	3	0	21†	7160-9160	O
<b>Nashville</b>														
Baptist	J. L. Farringer	181	8,343	156	30	882	3	4	3	2	0	12	6000-7200	O
George W. Hubbard Hospital of the Meharry Medical College <sup>118</sup>	M. Walker	41	1,117	76	45	9,943	3	2	3	3	0	11	5100-6000	F
St. Thomas	B. F. Byrd, Jr.	150	6,614	152	24	1,700	4	4	3	2	0	13	7500-8400	P
Vanderbilt University Affiliated Hospitals														
Nashville Metropolitan General	H. W. Scott, Jr.	74	1,505	70	46	23,040	...	...	...	...	...	...	5100-6300	P
Vanderbilt University	H. W. Scott, Jr.	208	7,269	313	51	32,734	...	...	...	...	...	...	5100-6300	P
Veterans Admin.	W. G. Gobbel, Jr.	103	1,379	80	76	...	...	...	...	...	...	...	4610-8230	P
<b>TEXAS</b>														
<b>Dallas</b>														
Baylor University Medical Center	R. S. Sparkman	105	4,096‡	111	50	2,502	3	3	2	1	0	9	6600-7500	O
Methodist Hospital of Dallas	W. H. Gossard	203	6,973	146	28	3,216	4	2	2	2	0	10	6300-7200	P
Parkland Memorial	T. Shires	98	3,020	146	31	20,973	...	...	...	...	...	33†	6480-6780	P
St. Paul	C. R. Morris	225	9,324	222	44	3,516	2	2	2	2	0	8	6300-7200	P
Veterans Admin. <sup>305</sup>	R. P. Hays	111	1,974	100	50	2,494	10*	3	3	3	0	19	4830-7430	P
<b>Galveston</b>														
University of Texas Medical Branch Hospitals	S. R. Snodgrass	60	1,917	65	62	5,075	6	4	4	4	0	18	6500-8500	P
<b>Houston</b>														
Baylor University Affiliated Hospitals	M. E. De Bakey	...	...	...	...	...	20*	8*	6*	6	0	40	5100-6357	P
Ben Taub General	...	58	1,872	105	52	14,169	...	...	...	...	...	...	...	...
Methodist	...	68	2,772	71	52	85	...	...	...	...	...	...	5100-6000	...
St. Luke's Episcopal	...	42	1,780	35	43	149	...	...	...	...	...	...	...	...
Texas Children's	...	13	721	19	63	62	...	...	...	...	...	...	...	O
Veterans Admin.	...	75	1,057	101	73	5,325	...	...	...	...	...	...	...	...
Hermann	J. E. Pittman	104	4,730	114	49	8,252	2	2	2	2	0	8	6300-7500	P
St. Joseph	D. L. Moore	266	8,732	225	44	1,326	5*	2	2	2	0	11	6300-7200	P
<b>San Antonio</b>														
Univ of Texas Medical School at San Antonio Teaching Hospitals	J. B. Aust	44	2,190	76	30	11,617	8	7	4	4	3	26	6900-8700	O
Robert B. Green Memorial	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Temple</b>														
Scott and White Memorial	E. O. Bradfield	165	4,839‡	78	42	15,000	3	3	3	3	0	12	5200-6500	P
Veterans Admin. Center	A. S. Haisten	95	2,147	33	58	10,935	...	...	...	...	...	...	7110-7110	O
<b>UTAH</b>														
<b>Salt Lake City</b>														
Latter-Day Saints <sup>69</sup>	V. L. Rees	167	10,680	104	37	1,533	6	3	3	2	0	14	5700-7200	P
University of Utah Affiliated Hospitals														
K. Reemtsma	...	...	...	...	...	...	6	6	6	6	4	28†	...	...
University	K. Reemtsma	55	2,188	69	65	21,962	...	...	...	...	...	...	5700-8230	P
Veterans Admin.	C. C. Snyder	102	1,508	61	75	...	...	...	...	...	...	...	4830-8550	O
<b>VERMONT</b>														
<b>Burlington</b>														
Medical Center Hospital of Vermont	A. G. Mackay	89	3,974	116	64	7,243	3	3	3	3	0	12	6600-8400	O
<b>White River Junction</b>														
Veterans Admin. - See Dartmouth Medical School Affil. Hosps., Hanover, N.H.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>VIRGINIA</b>														
<b>Charlottesville</b>														
University of Virginia <sup>327</sup>	W. H. Muller, Jr.	52	1,913	58	47	9,387	9	4	3	3	0	19	4800-6000	O
<b>Clifton Forge</b>														
Chesapeake and Ohio Railway Employees' Affiliated Hospitals	...	...	...	...	...	...	2	2	2	2	0	8	...	...
Chesapeake and Ohio Railway Employees	J. M. Emmett	59	2,446	40	38	15,018	...	...	...	...	...	...	5400-7200	FP
Lynchburg General (Lynchburg)	W. H. Morris, Jr.	114	5,850	...	...	...	...	...	...	...	...	...	4200-5400	P
Chesapeake and Ohio (Huntington, W. Va.)	J. P. Carey	119	4,128	185	22	31,204	...	...	...	...	...	...	5400-7200	O
<b>Lynchburg</b>														
Lynchburg General - See Chesapeake & Ohio Rlwy. Emp. Affil. Hsps., Clifton Forge	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Norfolk</b>														
De Paul	C. E. Davis	103	4,457	63	53	5,706	3	2	2	1	0	8	6000-6900	F
Norfolk General <sup>19</sup>	C. W. Fitchett	106	4,543	169	25	4,594	4	2	2	2	0	10	6900-7800	P
<b>Richmond</b>														
Medical College of Virginia Affiliated Hospitals	...	...	...	...	...	...	14	9	8	8	0	39	...	...
Medical College of Virginia-Hospital Division	D. Hume	339	9,780	362	48	46,554	...	...	...	...	...	...	4800-6000	P
Veterans Admin.	Y. H. Zimberg	75	1,819	62	76	5,086	...	...	...	...	...	...	4830-8550	P
Richmond Memorial	R. Natvig	79	2,935	73	25	795	4	2	2	2	0	10	4800-6600	F
<b>WASHINGTON</b>														
<b>Seattle</b>														
Swedish Hospital Medical Center <sup>206</sup>	E. Sanderson	195	9,958‡	158	44	737	6	2	2	2	0	12	6000-8400	P

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

26. SURGERY—Continued

Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Neeropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>WASHINGTON, Seattle—Continued</b>														
University of Washington Affiliated Hospitals <sup>216</sup>														
King County	K. A. Merendino	22	1,437	80	49	10,303	10	5	5	5	5	30	6000-9000	P
University	J. Cantrell	31	1,027‡	61	85	5,299	...	...	...	...	...	...	6000-9000	P
Veterans Admin.	K. A. Merendino	104	1,809	41	81	2,837	...	...	...	...	...	...	5500-8460	P
Virginia Mason	J. W. Bell	101	5,577	57	68	51,648	3	4	3	4	0	14	5950-9030	FP
<b>WEST VIRGINIA</b>														
<b>Beckley</b>														
Beckley Appalachian Regional	W. E. Klingensmith	104	4,617	89	63	40,835	3	3	2	2	0	10	6400-8800	P
<b>Charleston</b>														
Charleston General	J. E. Rogers, Jr.	115	5,539	105	40	2,991	2	2	2	2	0	8	4500-5400	FP
Memorial	K. G. Mac Donald	81	5,012	112	38	1,235	3	3	2	2	0	10	5700-6900	F
<b>Huntington</b>														
Chesapeake and Ohio - See Ches. & Ohio Rlwy. Emp. Affil. Hsps., Clifton Forge, Va.														
<b>Morgantown</b>														
West Virginia University Medical Center	B. Zimmermann	205	3,290	173	58	9,020	4	4	4	4	2	18†	7000-...	O
<b>Wheeling</b>														
Ohio Valley General	C. D. Hershey	147	4,673	159	46	1,166	2	2	2	2	0	8	7200-9000	P
<b>WISCONSIN</b>														
<b>Madison</b>														
University of Wisconsin Affiliated Hospitals														
University Hospitals	A. R. Curreri	138	3,327	125	70	16,720	...	...	...	...	...	...	4600-8200	P
Veterans Admin.	J. T. Mendenhall	47	1,103	63	85	2,181	...	...	...	...	...	...	4830-7430	P
<b>Milwaukee</b>														
Marquette University Affiliated Hospitals														
Milwaukee County General	E. H. Ellison	127	3,536‡	136	55	40,733	22*	12	10	10	0	54†	...	...
Veterans Admin. Center (Wood)	E. H. Ellison	104	1,965	90	94	5,121	...	...	...	...	...	...	5200-7900	P
Lutheran Hospital of Milwaukee	A. S. Close	56	1,579	48	45	3,454	...	...	...	...	...	...	7200-10600	P
Columbia	R. H. Lillie	82	3,255‡	67	73	5,150	...	...	...	...	...	...	5199-7903	P
Milwaukee Children's	P. H. Seefeld	18	1,155	12	75	2,025	...	...	...	...	...	...	7200-9020	P
Mount Sinai	S. Sakaguchi	119	4,731‡	55	47	3,704	2	2	1	1	0	6	7200-9020	O
St. Joseph's	B. B. Becker	127	6,377	115	64	3,839	2	2	2	2	0	8	6300-7200	P
<b>St. Joseph's</b>														
W. Weisel														

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Surgery and the American College of Surgeons, through the Conference Committee on Graduate Education in Surgery, for THREE years of training, designed to qualify the trainee for examination by the American Board of Surgery as a Group II candidate. Programs, 81; Residencies, 471

NONFEDERAL AND VETERANS ADMINISTRATION

<b>ALABAMA</b>														
<b>Tuskegee</b>														
Veterans Admin. <sup>30</sup>	W.F.Vila	42	358	42	48	842	1	1	1	0	0	3	4610-6440	P
<b>ARIZONA</b>														
<b>Phoenix</b>														
St. Joseph's	S.E.Flynn	155	7,764	97	58	1,077	1	1	1	0	0	3	6000-7200	F
<b>CALIFORNIA</b>														
<b>Los Angeles</b>														
California	K. L. Senter	118	5,569	88	45	1,063	2	2	2	2	0	8	6900-8700	F
<b>Pasadena</b>														
Huntington Memorial	W. E. Delphey	170	7,643	131	70	14,539	4	2	2	1	0	9†	6900-8700	FP
<b>San Diego</b>														
Mercy	R. A. Gilman	117	6,452	125	49	5,516	1*	1	1	0	0	3	4980-6780	F
<b>San Francisco</b>														
St. Mary's <sup>217</sup>	J. Clarke	116	4,788	50	50	987	3	3	3	0	0	9	7200-8400	O
<b>COLORADO</b>														
<b>Denver</b>														
Mercy <sup>18</sup>	R. E. Wilson	140	7,357	68	43	8,166	...	...	...	18	...	5	7200-8100	P
St. Luke's	R. H. Hughes	59	2,059	43	47	1,247	3	0	1	0	0	5	6600-7800	P
<b>Pueblo</b>														
Colorado State	W.E.Looby	59	1,056	24	54	6,909	4	3	2	1	0	10	7200-9600	O
<b>CONNECTICUT</b>														
<b>Stamford</b>														
Stamford	J. Ogilvie	116	4,544‡	52	53	2,999	2	2	1	0	0	5	5800-6700	P
<b>ILLINOIS</b>														
<b>Chicago</b>														
Columbus-Cuneo Medical Center	P.F.Nora	...	...	...	...	...	2	2	2	0	0	6	6900-7500	P
Columbus	...	165	4,807	71	40	6,852	...	...	...	...	...	...	...	...
Frank Cuneo	...	45	1,695	12	50	1,363	...	...	...	...	...	...	...	...
Grant	C. Solander	108	3,345	47	24	2,252	1	1	1	0	0	3	6600-7200	P
St. Joseph	E. Del Beccaro	150	4,759	74	65	5,583	2	2	2	0	0	6	6300-7440	F
<b>Evergreen Park</b>														
Little Company of Mary <sup>178</sup>	J. B. O'Donoghue	158	6,916*	122	28	620	4	3	2	0	0	9	7200-7800	P
<b>LOUISIANA</b>														
<b>New Orleans</b>														
Southern Baptist	V. R. Kroll	157	5,842	81	32	336	4	2	1	0	0	7	6000-7200	P
<b>MARYLAND</b>														
<b>Baltimore</b>														
Lutheran Hospital of Maryland	P.M.Checket	50	2,984‡	82	28	3,796	3	2	1	0	0	6	6300-6900	P
Provident	E. C. Walden	39	1,222	35	34	4,263	3	2	1	0	0	6	5400-7200	F

26. SURGERY - Continued

Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MASSACHUSETTS</b>														
<b>Beverly</b>														
Beverly <sup>166</sup>	R. E. Alt	84	2,823	62	58	16,276	3	2	1	0	0	6	6600-7800	F
<b>Fall River</b>														
Truesdale	D.F. Gallery	73	3,343 <sup>‡</sup>	73	27	4,625	1	1	1	0	0	3	5100-7500	F
<b>Malden</b>														
Malden	W. Garrey	121	4,580	100	41	486	1	1	1	0	0	3	6600-8100	P
<b>Quincy</b>														
Quincy City	M. Sargent	119	3,671	123	31	458	2	2	1	0	0	5	4400-4800	F
<b>MICHIGAN</b>														
<b>Detroit</b>														
Alexander Blain Memorial	A. Blain, 3d, W. Taylor	38	1,367	19	31	2,169	2	2	1	0	0	5	6000-7200	F
Metropolitan	J. Weiksnar	33	1,591	24	63	24,745	2	2	1	0	0	5	6500-9500	FP
St. Joseph Mercy	L.J. Gregory	102	3,876	96	37	1,215	2	1	1	0	0	4	5760-6660	FP
<b>Flint</b>														
McLaren General	J.J. Gibbons	136	7,156	79	42	1,146	3	3	1	0	0	7	7500-8100	F
<b>Kalamazoo</b>														
Bronson Methodist	R. Hodgman	70	4,252	91	45	797	2	2	1	0	0	5	6300-6900	F
<b>Pontiac</b>														
St. Joseph Mercy	R. R. Wessels	112	5,069	63	57	264	2	2	2	0	0	6	7560-8280	P
<b>Saginaw</b>														
Saginaw General	V. E. Cortopassi	122	4,717	104	42	704	1	1	1	0	0	3	6360-6960	F
<b>Southfield</b>														
Providence	F. Harrington	180	5,918 <sup>‡</sup>	55	40	455	2	2	2	0	0	6	7500-8100	P
<b>MINNESOTA</b>														
<b>Minneapolis</b>														
St. Barnabas Hospital-Swedish	L. J. Hay	...	...	...	...	...	4	4	2	0	0	10	4320-5520	F
St. Barnabas	...	81	3,078	44	68	3,367	...	...	...	...	...	...	...	...
Swedish	...	149	4,293	89	49	220	...	...	...	...	...	...	...	...
<b>MISSOURI</b>														
<b>Kansas City</b>														
Menorah Medical Center	P. Halperin	111	4,755 <sup>‡</sup>	77	57	418	2	2	2	0	0	6	6970-8290	P
<b>NEBRASKA</b>														
<b>Lincoln</b>														
Veterans Admin.	I. B. Margolis	61	636	50	86	1,314	2	2	2	0	0	6	4610-8230	O
<b>NEW JERSEY</b>														
<b>Atlantic City</b>														
Atlantic City	M. A. Rosenblatt	145	5,320	252	50	...	2	1	1	0	0	4	4800-5700	F
<b>Camden</b>														
West Jersey	K. L. Athey	163	6,547	97	31	1,942	1	1	1	0	0	3	7300-8500	F
<b>Hackensack</b>														
Hackensack	R. Grant	182	8,258	135	32	1,024	3	1	1	0	0	5	3900-4500	F
<b>New Brunswick</b>														
Middlesex General <sup>264</sup>	P.J. Kunderman	127	5,759	115	51	4,060	4	2	1	1	0	8	5196-5880	P
St. Peter's General	R.W. Powers	115	5,421	88	45	2,745	4	2	1	0	0	7	4260-6360	F
<b>NEW MEXICO</b>														
<b>Albuquerque</b>														
Bataan Memorial Methodist	J.G. Whitcomb	95	4,701	74	52	8,882	3	1	1	0	0	5	5500-5900	P
<b>NEW YORK</b>														
<b>Albany</b>														
Memorial	P. Glasier	104	4,221	68	32	14,824	1	1	1	0	0	3	5700-6300	FP
St. Peter's	J. J. Phelan, Jr.	147	6,278	96	43	376	3	3	2	2	0	10	6480-7080	P
<b>Buffalo</b>														
Deaconess Hospital of Buffalo	D. R. Becker	163	4,969	93	42	6,224	4	2	2	2	0	10	5300-8000	F
<b>Johnson City</b>														
Charles S. Wilson Memorial	F. Wood	122	4,184	95	42	10,116	3	2	2	0	0	7	7500-8100	P
<b>Mount Vernon</b>														
Mount Vernon	J. F. Bagg	132	4,593	156	36	4,938	2	2	1	0	0	5	5400-6600	FP
<b>Newburgh</b>														
St. Luke's Hospital of Newburgh	O. Wahl	46	1,564	84	49	915	1	1	1	0	0	3	4800-5400	F
<b>New York City</b>														
Catholic Medical Center of Brooklyn and Queens	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mary Immaculate Division	N. Tiscione	109	3,920	81	22	3,464	3	2	1	0	0	6	5500-7000	F
Jewish Memorial	H. C. Baron	62	2,250	69	33	5,823	3	3	2	0	0	8	4800-6000	F
Sydenham	D. Casten	59	1,678	59	24	2,625	2	2	2	1	0	7	4980-5780	F
<b>NORTH CAROLINA</b>														
<b>Durham</b>														
Watts <sup>65</sup>	J. E. Davis	96	4,465	56	54	744	2	2	1	0	0	5	5100-6000	F
<b>Wilmington</b>														
New Hanover Memorial	L. B. Mason	119	5,780	70	42	2,384	2	1	1	0	0	4	5400-6600	F
<b>OHIO</b>														
<b>Canton</b>														
Aullman	W. H. Kasserman	155	6,259	138	51	889	5	5	1	0	0	11	6000-7200	P
Mercy	P. E. Smith	157	5,538	101	51	634	3	3	3	0	0	9	4500-5100	F
<b>Lakewood</b>														
Lakewood	J. Magisano	124	5,662	76	64	723	5*	4*	2	1	0	12 <sup>†</sup>	5670-6930	FP
<b>Toledo</b>														
St. Vincent Hospital and Medical Center	G. Stark	112	3,942	129	53	962	4	1	1	0	0	6	6300-6900	P
<b>Warren</b>														
Trumbull Memorial	D. A. Miller	149	5,819	149	53	1,436	4	2	1	0	0	7	7800-9000	P
<b>OKLAHOMA</b>														
<b>Tulsa</b>														
Hillcrest Medical Center	F. Clingan	181	7,810	225	36	1,604	1	1	1	0	0	3	8400-9072	...
St. John's	C. T. Thompson	218	8,022	214	37	996	1	1	1	1	0	4	8700-9600	P

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P O
				Number	Neeropy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>PENNSYLVANIA</b>														
<b>Allentown</b>														
Sacred Heart	C. Holland	147	6,291	127	30	972	1	1	1	0	0	3	5000-6000	F
<b>Easton</b>														
Easton	J. Updegrave	91	4,142	158	46	3,437	2	1	1	0	0	4	5400-6000	F
<b>Erie</b>														
St. Vincent	H. Karpinski	149	7,137 <sup>‡</sup>	154	44	992	2*	1	1	0	0	4	7800-8400	F
<b>Harrisburg</b>														
Harrisburg Polyclinic	L. T. Patterson	228	6,962	144	62	8,339	1	1	1	0	0	3	7980-9180	F
<b>McKeesport</b>														
McKeesport	J. L. Elliott	237	4,085	137	28	1,555	2	1	1	0	0	4	6000-7200	FP
<b>Norristown</b>														
Sacred Heart	R. A. Buyers	95	3,280	62	46	2,135	2	1	1	0	0	4	4800-6000	FP
<b>Philadelphia</b>														
Episcopal	L. Stahlgren	48	1,557	72	47	6,281	4	2	2	2	0	10	4500-4980	P
Frankford	A. L. Colley	65	2,478	61	40	3,458	1	1	1	0	0	3	5220-5940	F
Mercy-Douglass	J. W. Thomas	52	1,896	39	27	13,630	3	2	1	0	0	6	5400-6000	F
Nazareth	P. R. Casey	97	3,603	50	24	16,342	2	2	2	0	0	6	6300-6900	F
<b>Pittsburgh</b>														
Montefiore	S. Kaufman	179	6,875	126	56	6,850	4	3	1	0	0	8	6000-7000	P
<b>Reading</b>														
Reading	W. K. Runyeon	150	2,422	70	50	972	3	1	1	0	0	5	6600-7800	F
<b>Wilkesburg</b>														
Columbia	J. R. Duncan	123	4,487	79	36	...	1	1	1	0	0	3	7200-7200	FP
<b>Williamsport</b>														
Williamsport	F. G. Wade	137	6,069 <sup>‡</sup>	95	29	14,174	1	1	1	0	0	3	5400-5700	FP
<b>PUERTO RICO</b>														
<b>Ponce</b>														
Hospital De Damas	L. F. Sala	60	2,470	30	47	3,711	1	1	1	1	0	4	6000-6300	F
Ponce District General	J. Colon-Bonet	119	2,712	103	47	17,260	5	5	5	2	2	15	6000-10800	F
<b>SOUTH DAKOTA</b>														
<b>Yankton</b>														
Sacred Heart	C. B. Mc Vay	36	1,400	48	48	1,800	2	2	1	0	0	5	6600-7800	O
<b>TEXAS</b>														
<b>Austin</b>														
Brackenridge	B. F. Simms	77	2,921	128	44	4,515	1	1	1	0	0	3	9000-11400	P
<b>VIRGINIA</b>														
<b>Alexandria</b>														
Alexandria	J. D. Hoyle	108	5,555	58	55	2,068	1	1	1	1	0	4	8000-8400	P
<b>Richmond</b>														
Johnston-Willis	W. A. Johns	108	4,339	57	40	5,397	3	2	2	0	0	7	5400-6600	F
<b>Roanoke</b>														
Community Hospital of Roanoke Valley	H. H. Trout, Jr.	66	918	15	53	2,019	5	2	1	0	0	8	7500-8100	P
Roanoke Memorial	M. A. Johnson, 3d	289	9,701	150	28	7,453	3	2	2	0	0	7	6000-6600	F
<b>WASHINGTON</b>														
<b>Seattle</b>														
Providence <sup>915</sup>	L. R. Sauvage	126	7,609 <sup>‡</sup>	128	54	664	3*	2	2	0	0	7 <sup>†</sup>	7100-10100	P
<b>WEST VIRGINIA</b>														
<b>Phillippi</b>														
Broaddus	H. C. Myers	46	1,263	32	44	15,286	1	1	1	1	0	4	5700-7200	F
<b>WISCONSIN</b>														
<b>Madison</b>														
Madison General	O. V. Hibma	89	2,695	58	60	...	2	2	2	0	0	6	5460-6960	F

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Surgery, and the American College of Surgeons, through the Conference Committee on Graduate Education in Surgery, for ONE year of training as an integral part of the approved program of four or more years' duration in the specific hospital indicated by the footnote reference following the listing below. Programs, 5; Residencies, 46

NONFEDERAL AND VETERANS ADMINISTRATION

<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Lahay Clinic	J. W. Braasch	154	4,698	79	60	13,728	0	0	0	7	0	7	8100-9000	O
<b>Chelsea</b>														
Lawrence F. Quigley Memorial	G. F. Miller	32	538	36	50	3,452	...	...	...	...	...	...	6000-9000	P
<b>MISSOURI</b>														
<b>Columbia</b>														
Ellis Fischel State Cancer <sup>89</sup>	J. S. Spratt	96	1,967	70	50	10,601	0	0	0	2	2	4	5000-7000	P
<b>NEW YORK</b>														
<b>New York City</b>														
Francis Delafield Memorial Hospital for Cancer and Allied Diseases-James Ewing	G. H. Humphreys	46	638	164	34	4,761	4	3	0	1	3	11 <sup>†</sup>	4980-6200	P
	E. J. Beattie	269	6,882	419	41	39,500	0	0	20	0	0	20	5950-10000	O
<b>OHIO</b>														
<b>Columbus</b>														
Children's <sup>82</sup>	H. W. Clatworthy	45	2,253	31	26	5,035	0	0	0	0	2	4 <sup>†</sup>	7500-8100	P
<b>WASHINGTON</b>														
<b>Seattle</b>														
Children's Orthopedic Hospital and Medical Center	A. H. Bill, Jr.	40	2,210	31	87	4,074	...	...	...	...	...	...	6000-9000	P

26. SURGERY - Continued

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Surgery, and the American College of Surgeons, through the Conference Committee on Graduate Education in Surgery, for additional training following the completion of an approved residency. The American Board of Surgery will give credit for time spent in these services toward fulfillment of the practice requirements for Group II candidates. Programs, 21; Residencies, 104

Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance	
			Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year				
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>CALIFORNIA</b>														
<b>Duarte</b>														
City of Hope Medical Center	R.L.Byron	28	853	102	43	11,009	0	0	3	2	1	6	6000-9600	F
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Children's Hospital of the District of Columbia	J. Randolph	38	2,154	36	72	6,084	0	0	0	0	2	2	7000-8500	P
<b>ILLINOIS</b>														
<b>Chicago</b>														
Children's Memorial	O. Swenson	47	2,486+	74	85	11,631	0	0	1	2	2	5+	6000-8000	P
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Children's Hospital Medical Center	R. M. Filler	60	2,235	33	81	26,125	5	4	2	2	0	13	6600-10000	P
<b>Norfolk</b>														
Pondville	M. Yatsushashi	72	1,095	157	105	16,539	0	0	0	1	0	1	10168-12945	O
<b>Westfield</b>														
Western Massachusetts	O.T.Pace	53	893	99	36	8,912	0	0	0	2	1	3	10168-13907	O
<b>MICHIGAN</b>														
<b>Detroit</b>														
Children's Hospital of Michigan	J. H. Hertzler	52	2,269	49	...	4,104	0	0	0	0	3	3	6600-7200	P
<b>MISSOURI</b>														
<b>Columbia</b>														
Ellis Fischel State Cancer <sup>89</sup>	J. S. Spratt	96	1,967	70	50	10,601	0	0	0	2	2	4	5000-7000	P
<b>NEW JERSEY</b>														
<b>Newark</b>														
United Hospitals of Newark - Babies	A. Falla	30	...	...	...	...	0	0	0	0	1	1	5000-7000	P
<b>NEW YORK</b>														
<b>Buffalo</b>														
Children's Hospital of Buffalo	T. C. Jewett, Jr.	32	2,318	18	88	4,532	0	0	0	0	2	2	5300-7500	P
Roswell Park Memorial Institute	J. T. Grace	127	2,330	134	98	18,359	0	0	0	5	5	10	5020-6214	O
<b>New York City</b>														
Francis Delafield	G. H. Humphreys	46	638	164	34	4,761	4	3	0	1	3	11+	4980-6200	P
Memorial Hospital for Cancer and Allied Diseases-James Ewing	E. J. Beattie	269	6,882	419	41	39,500	0	0	0	0	20	20	5950-10000	O
Presbyterian	T. Santulli	...	...	...	...	...	0	0	0	0	1	1	7500-7500	O
<b>OHIO</b>														
<b>Columbus</b>														
Children's <sup>82</sup>	H. W. Clatworthy	45	2,253	31	26	5,035	0	0	0	0	2	4+	7500-8100	P
<b>PENNSYLVANIA</b>														
<b>Philadelphia</b>														
Children's Hospital of Philadelphia	C. E. Koop	30	1,920	64	92	2,462	0	0	0	0	2	2	6000-10000	P
St. Christopher's Hospital for Children	S. L. Cresson	37	1,481	11	81	3,619	1	0	0	0	0	1	5800-5800	O
<b>Pittsburgh</b>														
Health Center Hospitals of the University of Pittsburgh	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Children's Hospital of Pittsburgh	W. B. Kiesewetter	21	1,430	28	93	5,639	0	0	0	3	1	4	7(00-7800)	O
<b>PUERTO RICO</b>														
<b>San Juan</b>														
I. Gonzalez Martinez Oncologic	L. A. Vallecillo	...	806	19	5	4,637	0	0	0	0	1	1	6600-6600	FP
<b>TEXAS</b>														
<b>Houston</b>														
University of Texas M. D. Anderson Hospital and Tumor Institute	E. C. White	114	3,226	142	63	30,150	0	0	0	6	3	9+	8000-10000	O
<b>WASHINGTON</b>														
<b>Seattle</b>														
Children's Orthopedic Hospital and Medical Center	A. H. Bill, Jr.	40	2,210	31	87	4,074	0	0	0	0	1	1	6000-9000	P

Residency programs in the following hospitals are approved by the Council on Medical Education as offering satisfactory training of ONE or TWO years' duration in preparation for residency training IN THE SURGICAL SPECIALTIES ONLY. Applicants intending to qualify for examination by the American Board of Surgery should refer to the four lists of approved services immediately preceding this list. Programs, 94; Residencies, 313

UNITED STATES AIR FORCE

<b>DISTRICT OF COLUMBIA</b>														
Malcolm Grow U.S.A.F., Washington	J. E. Lofton	101	3,906	13	85	55,867	2	0	0	0	0	2	...	...
<b>OHIO</b>														
U. S. Air Force, Dayton	F. Plecha	30	1,077	6	83	8,256	2	0	0	0	0	2	...	...

## APPROVED RESIDENCIES

## 26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES ARMY</b>														
<b>CALIFORNIA</b>														
U. S. Army, Fort Ord	D.H.Vines,J.N.Baldwin	170	5,909	17	100	105,906	6	0	0	0	0	6	.....	...
<b>GEORGIA</b>														
Martin Army, Fort Benning	A. Rodriguez	98	4,021	23	78	12,257	5	0	0	0	0	5	.....	...
<b>KENTUCKY</b>														
U. S. Army, Fort Campbell	C. A. Lopez	183	4,482	10	70	42,760	4	0	0	0	0	4	.....	...
Ireland Army, Fort Knox	W. B. Goldfarb	205	6,436	28	54	182,228	5	0	0	0	0	5	.....	...
<b>NEW JERSEY</b>														
Walson Army, Fort Dix	D. Brief	325	8,070	39	71	111,438	4	0	0	0	0	4	.....	...
<b>NORTH CAROLINA</b>														
Womack Army, Fort Bragg	L. G. Druepple	283	11,023	24	71	192,931	5	0	0	0	0	5	.....	...
<b>OKLAHOMA</b>														
Reynolds Army, Fort Sill	J. H. Gray	144	6,580	18	55	14,212	...	...	...	...	...	...	.....	...
<b>TEXAS</b>														
Darnall Army, Fort Hood	W. F. Dippel	192	7,269	20	80	145,547	6	0	0	0	0	6	.....	...
<b>VIRGINIA</b>														
Dewitt Army, Fort Belvoir	E. P. Quarantillo	40	1,972	7	85	10,400	6	0	0	0	0	6	.....	...
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ARKANSAS</b>														
<b>Little Rock</b>														
Arkansas Baptist Medical Center	W.G.Cooper	67	2,447	81	33	17,879	2	0	0	0	0	2	6300-7200	P
<b>CALIFORNIA</b>														
<b>Daly City</b>														
Mary's Help Hospital - St. Joseph's	G.L.Torassa	...	...	...	...	...	4	0	0	0	0	4	.....	...
Mary's Help	G.L.Torassa	40	2,444	46	24	103	...	...	...	...	...	...	6600-7800	...
St. Joseph's (San Francisco)	H. Lindner	66	2,498	31	33	543	...	...	...	...	...	...	6000-9600	FP
<b>Glendale</b>														
Glendale Adventist	R. Vannix	118	5,561	80	21	657	3	0	0	0	0	3	7080-7740	P
<b>Long Beach</b>														
Memorial Hospital of Long Beach	R.T. Fox	142	7,378	146	40	575	3	0	0	0	0	3	6000-6600	P
<b>Los Angeles</b>														
Hospital of the Good Samaritan														
Medical Center	C. J. Berne	176	6,322	139	47	1,603	4	0	0	0	0	4	6000-7200	FP
Santa Fe Memorial	L. Chaffin	37	1,399	32	16	18,890	3	0	0	0	0	3	7980-7980	P
<b>San Bernardino</b>														
San Bernardino County General	E. A. Dainko	75	2,468	99	58	25,339	8	0	0	0	0	8	6600-6600	F
<b>San Francisco</b>														
French	R. E. Gardner	76	2,428	70	56	3,110	2	2	0	0	0	4	7800-8400	P
St. Joseph's - See Mary's Help Hospital-St. Joseph's, Daly City														
<b>Santa Monica</b>														
St. John's	R. T. Smith	126	6,627	59	21	278	1	0	0	0	0	1	.....	O
<b>CONNECTICUT</b>														
<b>Danbury</b>														
Danbury	J. Cherry	121	5,356†	142	51	2,612	2	0	0	0	0	2	6000-...	F
<b>Greenwich</b>														
Greenwich	F. J. Christie	150	5,446	126	68	2,326	3	0	0	0	0	3	5300-5300	F
<b>New London</b>														
Lawrence and Memorial Hospitals	F. B. Hartman	115	5,353†	75	53	278	5	0	0	0	0	5	5400-5700	F
<b>Norwalk</b>														
Norwalk	M. Beinfeld	83	2,669†	32	44	1,626	6	0	0	0	0	6	5400-7200	F
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Doctors	K. Jonas	165	7,117	107	76	1,439	4	0	0	0	0	4	8100-9000	F
Eastern Dispensary and Casualty	J. H. Choi	123	3,905	60	35	8,507	3	3	0	0	0	6	9000-9300	O
Sibley Memorial	D. C. Richtmeyer	71	2,549	51	71	476	2	0	0	0	0	2	6500-7000	F
<b>FLORIDA</b>														
<b>Fort Lauderdale</b>														
Broward General	F. W. Fisher	171	6,989	152	40	981	3	0	0	0	0	3	6000-6000	P
<b>Miami Beach</b>														
St. Francis	R. A. Torrado	74	2,108	71	56	1,084	2	0	0	0	0	2	6000-6000	P
<b>St. Petersburg</b>														
Mound Park	H. Reese	210	6,467	264	32	1,340	2	0	0	0	0	2	6300-6300	P
<b>ILLINOIS</b>														
<b>Berwyn</b>														
MacNeal Memorial	R. G. Mrazek	148	5,580	131	29	3,261	3	0	0	0	0	3	6000-6000	FP
<b>Chicago</b>														
American Hospital of Chicago	P. Thorek	54	2,154	16	7	1,615	2	2	0	0	0	4	6700-7200	F
Norwegian-American	R.B.Robins	68	2,062	69	38	5,124	3	0	0	0	0	3	9000-9000	O
Ravenswood	J. F. Giannola	116	4,744	73	27	287	2	0	0	0	0	2	8100-8100	P
St. Anne's	P. F. Fox	56	1,391	55	31	443	4	0	0	0	0	4	6600-6600	O
St. Anthony De Padua	E. Kallal	63	...	28	38	3,000	2	0	0	0	0	2	7200-8400	F
St. Elizabeth's	L. G. Khedroo	135	5,314	14	32	3,950	4	0	0	0	0	4	7000-7200	F
<b>Oak Lawn</b>														
Christ Community	J. A. Lemons	126	...	...	...	748	4	0	0	0	0	4	7200-7800	F
<b>Peoria</b>														
Methodist Hospital of Central Illinois	W. H. Eastman	151	6,508	82	39	1,881	4	0	0	0	0	4	5400-5400	F

Numerical and other references are listed on pages 279 through 282.

26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary Per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>INDIANA</b>														
<b>Fort Wayne</b>														
Lutheran Hospital of Fort Wayne	A. Tomusk	132	5,434	40	48	4,084	2	0	0	0	0	2	5100-5100	FP
<b>Indianapolis</b>														
St. Vincent's	J. Finneran	78	1,955	104	50	388	1	1	1	0	0	3	6100-6400	P
<b>Muncie</b>														
Ball Memorial	F. W. Mc Dowell	183	6,661	88	42	2,082	2	0	0	0	0	2	5700-5700	FP
<b>IOWA</b>														
<b>Cedar Rapids</b>														
St. Luke's Methodist Hospital-Mercy	F. R. Peterson	...	...	...	...	...	3	0	0	0	0	3	7200-7200	F
St. Luke's Methodist	...	130	6,177	44	48	5,052	...	...	...	...	...	...	...	...
Mercy	...	80	5,475	49	45	40,610	...	...	...	...	...	...	...	...
<b>KENTUCKY</b>														
<b>Louisville</b>														
John N. Norton Memorial Infirmary	H. S. Collier	74	3,578	53	45	122	6	0	0	0	0	6	6600-6600	F
<b>MARYLAND</b>														
<b>Baltimore</b>														
Bon Secours	S.G. Sullivan	76	3,688	93	43	20,114	3	1	1	1	0	6	6600-7800	P
Greater Baltimore Medical Center	G. L. Stonesifer	80	2,524	111	43	1,250	6	0	0	0	0	6	8000-8000	P
<b>Bethesda</b>														
Suburban	J. O. Robben	53	8,106	119	52	966	2*	2*	0	0	0	4	7600-8000	O
<b>MICHIGAN</b>														
<b>Dearborn</b>														
Oakwood	W.O. Nickel	166	8,087	73	52	...	6	0	0	0	0	6	6000-6000	F
<b>Detroit</b>														
Evangelical Deaconess	T.W. Baumgarten	77	3,254	73	31	1,361	2	0	0	0	0	2	6540-6540	P
<b>Grosse Pointe</b>														
Bon Secours	R. R. Royer	70	4,276	48	53	...	4	2	0	0	0	6	6000-6600	F
<b>Kalamazoo</b>														
Borgess	R. Hodgman	74	2,873	32	71	3,077	2	0	0	0	0	2	6600-6600	F
<b>Lansing</b>														
Edward W. Sparrow	C. Lewis	176	7,541	157	45	...	2	0	0	0	0	2	11000-12000	P
<b>MINNESOTA</b>														
<b>St. Paul</b>														
St. Joseph's	J. Culligan	31	1,152	15	20	2,350	2	0	0	0	0	2	5880-5880	P
<b>NEBRASKA</b>														
<b>Lincoln</b>														
St. Elizabeth	R. Gillespie	83	4,017	58	40	258	4	0	0	0	0	4	6600-6600	F
<b>NEW JERSEY</b>														
<b>Montclair</b>														
Mountainside	C. A. Beling	126	5,580†	72	57	1,231	3	0	0	0	0	3	5100-5100	F
<b>Morristown</b>														
Morristown Memorial	B. Hallett	...	...	...	...	...	2	0	0	0	0	2	6000-6250	F
<b>Neptune</b>														
Jersey Shore Medical Center - Fitkin	P. Guthorn	120	5,528	139	46	4,528	2	0	0	0	0	2	4800-6600	F
<b>Newark</b>														
United Hospitals of Newark-Presbyterian	T.A. Stanley	41	1,507	139	30	158	3	0	0	0	0	3	5000-5000	P
St. Michael	A.M. Sarno	88	2,033	39	38	2,877	3	0	0	0	0	3	4500-6180	FP
<b>NEW YORK</b>														
<b>Buffalo</b>														
Mercy	J. Persse	155	6,603	98	37	1,932	3	3	0	0	0	6	5200-7000	FP
<b>New York City</b>														
Kingsbrook Jewish Medical Center	H. A. Kaplan	43	455	50	25	1,706	4	0	0	0	0	4	6500-8500	F
New York Infirmary <sup>246</sup>	L. Loseke	70	2,142	86	22	2,618	2	2	1	1	0	6	5650-6800	FP
<b>Port Chester</b>														
United	F. J. Murphy	226	9,326	180	61	...	2	0	0	0	0	2	4800-4800	FP
<b>White Plains</b>														
White Plains	R. R. Zimet	148	4,960	80	50	...	2	0	0	0	0	2	8600-8600	P
<b>NORTH DAKOTA</b>														
<b>Bismarck</b>														
Bismarck	G. E. Tolstedt	72	2,489	29	41	1,359	4	0	0	0	0	4	8500-8500	P
<b>Fargo</b>														
St. Luke's Hospitals	G. H. Hall	76	3,489	48	43	28,450	3	0	0	0	0	3	7500-7500	F
<b>OHIO</b>														
<b>Elyria</b>														
Elyria Memorial	G. A. Sabga	102	4,817	97	58	317	2	2	0	0	0	4	6000-6300	F
<b>Toledo</b>														
Flower	W. H. Meffley	88	3,505	55	33	127	1	0	0	0	0	1	7200-7200	F
<b>OKLAHOMA</b>														
<b>Oklahoma City</b>														
Mercy Hospital-Oklahoma City	I. Pollock	127	6,173	181	31	1,936	2	0	0	0	0	2	9000-9000	P
General	E. R. Munnell	48	2,054†	29	62	500	4	0	0	0	0	4	6600-7800	P
Presbyterian	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>OREGON</b>														
<b>Portland</b>														
Providence	J. G. Vandenberg	181	8,188†	130	53	1,021	2	0	0	0	0	2	6600-6600	P

Numerical and other references are listed on pages 279 through 282.

APPROVED RESIDENCIES

26. SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>PENNSYLVANIA</b>														
<b>Altoona</b>														
Altoona	R. B. Magee	176	5,580	219	31	11,641	2	0	0	0	2	6420-6420	F	
<b>Greensburg</b>														
Westmoreland	W. B. Courtney	104	1,487	27	37	6,058	2	0	0	0	2	8400-9600	P	
<b>Hazleton</b>														
Hazleton State General	S. J. Yamulla	118	2,151	56	3	6,723	2	2	0	0	4	8163-8580	F	
St. Joseph	S. Matsko	75	3,573	42	29	9,442	2	2	0	0	4	6000-6000	P	
<b>Johnstown</b>														
Conemaugh Valley Memorial	R. Zimmerman	180	5,922	144	53	1,363	2	0	0	0	2	6000-6000	F	
<b>Philadelphia</b>														
Jeanes	W. Y. Inouye	90	2,884	80	56	9,840	3	0	1	0	4	8000-10000	P	
St. Joseph's	W. D'Alonzo	80	3,320	67	25	2,598	3	0	0	0	3	4800-4800	F	
St. Mary's Franciscan	F. Volk	92	3,359	35	35	4,000	2	0	0	0	2	6600-6600	P	
<b>Pittsburgh</b>														
St. Margaret Memorial	J. R. Watson	103	2,108	36	31	3,997	2	0	0	0	2	8100-8100	F	
<b>Uniontown</b>														
Uniontown	A. E. Wright	102	3,067	28	36	6,950	2	0	0	0	2	8700-8700	FP	
<b>Wilkes-Barre</b>														
Wilkes-Barre General	H. C. Smith	97	2,866	63	41	1,481	1	1	0	0	2	4200-5400	F	
<b>TENNESSEE</b>														
<b>Chattanooga</b>														
Newell Clinic	R. M. Landry	50	2,519	74	8	27,730	3	0	0	0	3	8400-8400	P	
<b>TEXAS</b>														
<b>Dallas</b>														
Gaston Episcopal	J. V. Goode	93	4,515	82	27	...	3	0	0	0	3	5100-5400	P	
<b>Fort Worth</b>														
St. Joseph	W. S. Lorimer, Jr.	129	5,927	89	36	9,660	1	0	0	0	1	5100-5100	F	
<b>UTAH</b>														
<b>Ogden</b>														
Thomas D. Dee Memorial	W. J. Gardner	123	7,765	127	34	7,807	2	0	0	0	2	5100-5100	FP	
<b>Salt Lake City</b>														
Holy Cross	W. K. Fitzpatrick	139	7,831	106	54	40	2	0	0	0	2	6600-6600	P	
St. Mark's	H. Lamb	65	5,482	43	60	3,716	1	0	0	0	1	7200-7200	P	
<b>VIRGINIA</b>														
<b>Newport News</b>														
Riverside	J. A. Lawson	157	5,953	148	24	1,487	2	0	0	0	2	7200-9600	FP	
<b>Richmond</b>														
St. Elizabeth's	J. W. Pancoast	14	429	12	25	...	1	1	0	0	2	7000-...	FP	
<b>WASHINGTON</b>														
<b>Seattle</b>														
Doctors	C. S. Powell	36	1,755	30	60	137	1	0	0	0	1	6600-7800	F	
<b>Spokane</b>														
Sacred Heart	C. F. Baxter	192	12,131	148	46	689	2	0	0	0	2	5400-6600	F	
<b>WISCONSIN</b>														
<b>La Crosse</b>														
La Crosse Lutheran Hospital-Gundersen Clinic	G. B. Murphy	29	1,142	14	64	13,241	4	0	0	0	4	...-6000	F	
<b>Marshfield</b>														
St. Joseph's	B. R. Lawton	123	4,484	57	1	...	2	0	0	0	2	6000-6000	F	
<b>Milwaukee</b>														
Evangelical Deaconess	B. Narodick	50	5,705	74	41	2,280	2	2	2	0	4	6000-6600	F	
St. Luke's	J. Zimmer	283	3,689	76	75	...	4	4	0	0	4	6600-7500	FP	

27. THORACIC SURGERY  
 Residency programs in the following hospitals have been approved by the Council on Medical Education, the Board of Thoracic Surgery, and the American College of Surgeons, through the Residency Review Committee for Thoracic Surgery, as offering acceptable training in the specialty. Programs, 94; Residencies, 322

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970	Salary per Year	Main-tenance
				Number	Necropsy Per cent					
<b>UNITED STATES AIR FORCE</b>										
<b>TEXAS</b>										
Wilford Hall U.S.A.F., San Antonio	R. Hood	25	533	21	90	160	2	2	...	...
<b>UNITED STATES ARMY</b>										
<b>CALIFORNIA</b>										
Letterman General, San Francisco	E.M. Aronstam	14	148	11	82	1,191	2	4	...	...
<b>COLORADO</b>										
Fitzsimons General, Denver	B. A. Raymond	12	287	10,010	100	447	2	2	...	...
<b>DISTRICT OF COLUMBIA</b>										
Walter Reed General, Washington	A.R.Hopeman	23	387	14	93	471	2	3	...	...
<b>TEXAS</b>										
Brooke General, San Antonio	G. W. Fisher	20	340	16	92	392	2	4	...	...

27. THORACIC SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970	Salary per Year	Maintenance
				Number	Necropsy Per cent					
<b>UNITED STATES NAVY</b>										
<b>CALIFORNIA</b>										
U. S. Naval, San Diego	M. J. Trummer	26	438	29	48	1,961	2	2	.....	...
<b>MARYLAND</b>										
U. S. Naval, Bethesda	D. H. Gaylor	21	313	19	100	437	2	2	.....	...
<b>NEW YORK</b>										
U. S. Naval, St. Albans	D. J. Doohen	20	158	26	77	305	2	2	.....	...
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>										
<b>ALABAMA</b>										
<b>Birmingham</b>										
University of Alabama Medical Center	J.W. Kirklin	...	...	...	...	...	2	4	.....	...
University of Alabama Hospitals and Clinics	J.W. Kirklin	24	1,200	167	94	1,692	...	8640-9240	...	P
Veterans Admin.	T.H. Allen	2	54	6	60	75	...	4830-8550	...	O
<b>ARKANSAS</b>										
<b>Little Rock</b>										
University of Arkansas Medical Center	G.S. Campbell	...	...	...	...	...	2	2	.....	...
University	...	...	...	...	...	...	...	7000-8000	...	O
Veterans Admin. Consolidated	...	...	...	...	...	...	...	7430-8550	...	P
<b>CALIFORNIA</b>										
<b>Duarte</b>										
City of Hope Medical Center	F.X. Byron	20	137	14	78	641	2	2	6000-9600	F
<b>Long Beach</b>										
Veterans Admin. - See Univ. of Calif. (Irvine) Affiliated Hospitals, Orange	...	...	...	...	...	...	...	...	...	...
<b>Los Angeles</b>										
Los Angeles County-U.S.C. Medical Center	J. Kay	16	589	12	83	988	2	2	10164-16560	P
U. C. L. A.	J. Maloney, Jr.	12	374	44	84	...	2	2	5400-9500	O
Veterans Admin. Center-Wadsworth <sup>109</sup>	J. Steele, J. Carey	19	370	14	...	394	2	2	10564-10564	P
<b>Oakland</b>										
Highland General <sup>86</sup>	K.L. Hardy	10	218	10	100	450	2	4	9600-9600	P
<b>Olive View</b>										
Olive View	N.C. Hamel	41	1,500	48	49	919	1	4	10116-10116	O
<b>Orange</b>										
University of California (Irvine) Affiliated Hospitals	J. E. Connolly	...	...	...	...	...	2	2	...	...
Orange County Medical Center	J.E. Connolly	45	251	8	75	770	...	7296-9312	...	P
Veterans Admin. (Long Beach)	E. A. Stemmer	39	582	37	70	225	...	8032-10564	...	O
<b>San Francisco</b>										
University of California Program	...	...	...	...	...	...	...	...	...	...
H. C. Moffitt-University of California Hospitals	B. B. Roe	15	11	48	98	346	2	1	8400-8400	O
<b>Torrance</b>										
Los Angeles County Harbor General	R. Cleveland	9	130	2	0	1,224	1	1	10164-10164	P
<b>COLORADO</b>										
<b>Denver</b>										
Veterans Admin.	R.K. Brown	...	...	...	...	...	1	...	...	...
<b>CONNECTICUT</b>										
<b>New Haven</b>										
Hospital of St. Raphael	M. G. Carter	12	306	38	53	147	1	1	5400-8220	P
Yale-New Haven Medical Center	...	...	...	...	...	...	...	...	...	...
Yale-New Haven	W. W. L. Glenn	33	713	31	78	1,945	2	2	9100-9100	P
<b>DISTRICT OF COLUMBIA</b>										
<b>Washington</b>										
George Washington University Affiliated Hospitals	B. B. Blades	...	...	...	...	...	2	4	.....	...
District of Columbia General	...	...	...	...	...	...	...	...	...	...
George Washington University	B. B. Blades	24	610	6	65	1,216	...	9020-10002	...	P
<b>FLORIDA</b>										
<b>Gainesville</b>										
William A. Shands Teaching Hosp. and Clinics <sup>111</sup>	M. W. Wheat, Jr.	54	1,264	46	100	1,991	2	4	8000-10000	O
<b>Miami</b>										
University of Miami Affiliated Hospitals	J. Jude	...	...	...	...	...	2	4	.....	...
Jackson Memorial	J. Jude	12	776	63	31	635	...	5693-6890	...	P
Veterans Admin.	C. R. Lombardo	...	...	...	...	...	...	7110-8230	...	O
<b>GEORGIA</b>										
<b>Atlanta</b>										
Emory University Affiliated Hospitals <sup>75</sup>	O. A. Abbott	...	...	...	...	...	2	6	.....	...
Emory University	...	25	925 <sup>1</sup>	43	58	...	...	6900-7200	...	P
Grady Memorial	...	11	378	12	58	1,849	...	6900-7200	...	P
Veterans Admin.	D. E. Dominy	...	...	...	...	...	...	4830-8550	...	P
<b>Augusta</b>										
Medical College of Georgia Hospitals	R. G. Ellison	...	...	...	...	...	2	4	.....	...
Eugene Talmadge Memorial	R. G. Ellison	19	356	22	94	1,166	...	7600-8400	...	P
Veterans Admin.	I. N. Anabtawi	8	109	6	3	250	...	4830-8550	...	P
Batley State (Rome)	R. F. Corpe	17	213	8	63	...	...	8544-11436	...	O
<b>Rome</b>										
Batley State - See Medical College of Georgia Hospitals, Augusta	...	...	...	...	...	...	...	...	...	...
<b>ILLINOIS</b>										
<b>Chicago</b>										
Chicago State Tuberculosis Sanitarium	H. Langston	35	267	7	71	150	1	1	5700-5700	O
Children's Memorial - See Veterans Admin., Hines	...	...	...	...	...	...	...	...	...	...
City of Chicago Municipal Tuberculosis Sanitarium	W. M. Lees	60	345	28	68	1,144	1	4	6024-6927	P
Cook County	M. Weinberg	44	1,368	102	42	1,566	2	4	5400-7800	F
Presbyterian-St. Luke's	O.C. Julian	55	1,418	77	71	738	2	7	8000-8500	P
University of Chicago Hospitals and Clinics	C. F. Kittle	16	401	54	67	1,814	2	4	8000-12000	O
<b>Hines</b>										
Veterans Admin.	W. E. Neville	28	320	69	57	553	2	4	8230-8230	O
Children's Memorial, Chicago	...	...	...	...	...	...	...	...	...	...

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 27. THORACIC SURGERY—Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of App. Program (Years)	Residencies Offered 1969-1970		Main-tenance
				Number	Per cent			Total All Years	Salary per Year Min.-Max.	
<b>ILLINOIS—Continued</b>										
<b>Hinsdale</b>										
Suburban Cook County Tuberculosis Sanitarium District	A. F. Reinmann	12	89	3	100	75	1	1	6900-8400	O
<b>IOWA</b>										
<b>Iowa City</b>										
University of Iowa Hospitals	J. Ehrenhaft	44	1,200	55	85	1,900	2	2†	....	P
<b>KANSAS</b>										
<b>Kansas City</b>										
University of Kansas Medical Center	F. Albritten	...	...	...	...	...	2	2	6000-7200	P
<b>KENTUCKY</b>										
<b>Louisville</b>										
University of Louisville Affiliated Hospitals	R. J. Noer	...	...	...	...	...	2	2	....	...
Children's	F. Rubel	4	131	17	82	215	...	...	....	...
Jewish	R. J. Noer	...	...	...	...	...	...	...	....	...
Louisville General	R. J. Noer	9	252	9	67	543	...	...	5000-7430	P
Veterans Admin.	H. T. Ransdell	9	67	6	50	360	...	...	4830-8550	O
<b>LOUISIANA</b>										
<b>Monroe</b>										
E. A. Conway Memorial - See Ochsner Foundation, New Orleans										
<b>New Orleans</b>										
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	....	...
Louisiana State University Division	L. H. Strug	6	164	32	44	741	2	2	6000-6000	F
Tulane University Division	E. Kremenz	6	160	18	50	839	2	3	6000-6000	F
Ochsner Foundation	J. L. Ochsner	...	...	...	...	...	2	2	8000-8500	O
E. A. Conway Memorial (Monroe)	J. L. Ochsner	8	138	3	66	1,238	...	...	7800-7800	P
<b>MARYLAND</b>										
<b>Baltimore</b>										
University of Maryland	R. Cowley	16	407	38	43	348	2	8	7600-8200	P
Veterans Admin.	R.F.Kieffer, Jr.	...	...	...	...	...	1	2	4610-8230	P
<b>MASSACHUSETTS</b>										
<b>Boston</b>										
Boston City Hospital-Mattapan Chronic Disease Hospital	...	...	...	...	...	...	2	4	....	...
Boston City	R. Berger	16	327	18	56	571	...	...	8100-9000	O
Mattapan Chronic Disease	...	...	...	...	...	...	...	...	....	...
New England Deaconess	F. M. Woods	25	922	55	67	6,376	2	6	9000-10000	O
<b>MICHIGAN</b>										
<b>Allen Park</b>										
Veterans Admin. - See Wayne State Univ. Affiliated Hospitals, Detroit										
<b>Ann Arbor</b>										
University	C. Haight	33	592	36	83	1,545	2	8	6700-7400	O
<b>Detroit</b>										
Henry Ford	C. R. Lam	39	998	85	78	1,175	2	8	7980-8580	P
Herman Kiefer	J. C. Day	96	571	4	50	720	2	6	8331-9293	O
Wayne State University Affiliated Hospitals	A. J. Walt	...	...	...	...	...	2	8	....	...
Veterans Admin. (Allen Park)	...	13	172	30	83	529	...	...	4830-8550	O
Detroit General	...	...	332	...	...	...	...	...	6500-7400	P
<b>Lansing</b>										
Ingham Medical	A.L. Stanley	40	513	35	13	5,532	1	2	4800-6600	F
<b>MINNESOTA</b>										
<b>Minneapolis</b>										
University of Minnesota Affiliated Hospitals	R. Varco	...	...	...	...	...	2	4	....	...
University of Minnesota Hospitals	...	...	...	...	...	...	...	...	5500	O
Veterans Admin.	...	...	195	19	95	608	...	...	5000-8550	O
<b>Rochester</b>										
Mayo Graduate School of Medicine	F. H. Ellis, Jr.	70	2,117	119	85	7,833	2	4	7500-9400	P
Rochester Methodist	...	...	...	...	...	...	...	...	....	...
St. Mary's	...	...	...	...	...	...	...	...	....	...
<b>MISSISSIPPI</b>										
<b>Jackson</b>										
University of Mississippi Medical Center	J. D. Hardy	...	...	...	...	...	2	3	....	...
University	J. D. Hardy	17	376	20	85	...	...	...	8230-8700	O
Veterans Admin. Center	J.H. Conn	10	187	15	73	986	...	...	7430-8550	O
Mississippi State Sanatorium (Sanatorium)	H. K. Stauss	13	137	5	100	186	...	...	7200-7200	F
<b>Sanatorium</b>										
Mississippi State Sanatorium - See University of Mississippi Medical Center, Jackson										
<b>MISSOURI</b>										
<b>Columbia</b>										
University of Missouri Medical Center	J.W. Mackenzie	12	265†	22	77	561	2	2	7000-7500	P
<b>Mount Vernon</b>										
Missouri State Sanatorium-St. Francis	...	...	...	...	...	...	2	8	....	...
Missouri State Sanatorium	J. W. Polk	395	345	29	48	5,489	...	...	8000-13000	O
St. Francis (Roslyn, N.Y.)	E. P. Mannix, Jr.	26	608	54	78	753	...	...	6000-7200	F
<b>St. Louis</b>										
Barnes Hospital Group	T. Burford	30	980	59	54	2,900	2	4	6600-6600	O
<b>NEW JERSEY</b>										
<b>Browns Mills</b>										
Deborah - See Hahnemann Medical College and Hosp., Philadelphia, Pa.										
<b>Jersey City</b>										
New Jersey College of Medicine Affiliated Hospitals	J. J. Timmes	...	...	...	...	...	2	2	....	...
Berthold S. Pollak Hospital for Chest Diseases	...	14	301	36	44	807	...	...	7000-7000	F
Newark City (Newark)	...	12	154	16	38	726	...	...	8900-8900	O
<b>Newark</b>										
Newark City - See New Jersey Coll. of Med. Affiliated Hosps., Jersey City										

APPROVED RESIDENCIES

27. THORACIC SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Includes Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970		Main-tenance
				Number	Neeropsy Per cent			Total All Years	Salary per Year Min.-Max.	
<b>NEW YORK</b>										
<b>Albany</b>										
Albany Medical Center	A. Stranahan	21	1,000	50	56	...	2	2	7300-8700	P
Veterans Admin.	A. Stranahan	8	165	12	67	435	...	...	4830-5730	O
<b>Buffalo</b>										
Veterans Admin. <sup>238</sup>	W. M. Chardack	...	239	35	60	293	2	2	8230-8230	O
Children's Hospital of Buffalo	T. C. Jewett, Jr.	8	94	10	100	176	...	...	5300-7500	P
<b>New Hyde Park</b>										
Long Island Jewish Hospital Training Program	W. L. Phillips	...	...	...	...	...	2	4	...	O
Long Island Jewish	W. L. Phillips	8	171	12	50	38	...	...	6000-7750	O
Queens Hospital Center	P. Crastnopol	18	135	13	46	72	...	...	7000-7200	F
<b>New York City</b>										
Albert Einstein College of Medicine Affiliated Hospitals										
Bronx Municipal Hospital Center	D. State	...	...	...	...	...	2	2	...	...
Hospital of the Albert Einstein College of Medicine	...	15	446	35	63	956	...	...	4980-5580	F
Columbia University Affiliated Hospitals	...	...	674	6	0	1,302	...	...	6400-6620	F
Presbyterian	R. Wylie	...	...	...	...	...	2	2	...	...
Francis Delafield	R. Wylie	1	60	23	61	522	...	...	8500-8500	O
Harlem Hospital Center	J. Hutchinson	...	...	...	...	...	...	...	6200-6200	P
Jewish Hospital and Medical Center of Brooklyn	B. Levowitz	9	211	15	20	...	2	2	5000-...	...
Maimonides Medical Center	J. Haller	12	141	31	53	107	1	2	6000-7750	P
Montefiore Hospital and Medical Center	G. Robinson	24	475	22	41	...	2	4	7660-7880	P
Mount Sinai	R. S. Litwak	34	561	22	50	400	2	2	8000-8750	P
New York Medical College-Metropolitan Hospital										
Center	A. A. Bakst	...	...	...	...	...	2	5	4980-6000	F
Unit 1 - Flower and Fifth Avenue Hospitals	...	...	...	...	...	...	...	...	...	...
Unit 2 - Metropolitan	...	...	...	...	...	...	...	...	...	...
Queens Hospital Center - See Long Island Jewish Hosp.	Training Program, New Hyde Park	...	...	...	...	...	...	...	...	...
State University - Kings County Medical Center	K. E. Karlson	...	...	...	...	...	2	6	...	...
Kings County Hospital Center	...	24	574	68	34	858	...	...	5780-6400	P
State University	...	...	114	2	100	50	...	...	6690-8110	O
Veterans Admin. (Bronx) <sup>284</sup>	P. Cooper	14	183	26	57	305	2	2	8110-8550	O
Veterans Admin. (Brooklyn)	R. Klopstock	19	67	13	38	690	2	2	7090-8310	O
<b>Roslyn</b>										
St. Francis - See Missouri State Sanatorium-St. Francis.	Mount Vernon, Mo.	...	...	...	...	...	...	...	...	...
<b>NORTH CAROLINA</b>										
<b>Chapel Hill</b>										
North Carolina Memorial	R. M. Peters	11	336	17	11	855	2	2	5500-7500	O
<b>Charlotte</b>										
Charlotte Memorial	P. Sanger	33	1,199	58	47	626	2	4	7200-7200	P
<b>Durham</b>										
Duke University Medical Center	W. C. Sealy	24	750	37	57	1,279	2	...	5500-7000	P
<b>Oteen</b>										
Veterans Admin.	T. Takaro	102	1,622	117	62	2,500	2	4	8230-8230	O
<b>Winston-Salem</b>										
North Carolina Baptist Hospitals	R. Myers	12	281	30	87	137	2	6	7500-8000	P
<b>OHIO</b>										
<b>Cleveland</b>										
Cleveland Clinic	D. B. Effler	56	1,501	107	70	2,940	2	7	8000-9000	P
Cleveland Metropolitan General	J. H. Kennedy	6	181	20	67	669	2	24	7300-9260	P
St. Vincent Charity	E. B. Kay	28	397	25	84	370	2	5	5220-5400	P
Western Reserve University Affiliated Hospitals	H. J. Mendelsohn	...	...	...	...	...	2	4	...	...
University Hospitals of Cleveland	H. J. Mendelsohn	17	548	8	75	...	...	...	8000-8000	P
Veterans Admin.	L. Coffin	12	92	23	57	290	...	...	7550-8350	P
Sunny Acres Cuyahoga County Tuberculosis	H. J. Mendelsohn	1	24	2	100	...	...	...	6500-...	P
<b>Columbus</b>										
Ohio State University Hospitals	K. Klassen	27	1,095	76	85	620	2	2	6086-7296	P
<b>OKLAHOMA</b>										
<b>Oklahoma City</b>										
University of Oklahoma Medical Center	G. R. Williams	...	...	...	...	...	2	2	...	...
University of Oklahoma Hospitals	G. R. Williams	6	110	18	44	393	...	...	7430-8550	P
Veterans Admin.	L. J. Greenfield	5	58	18	61	180	...	...	...	...
<b>OREGON</b>										
<b>Portland</b>										
University of Oregon Medical School Hospitals and Clinics	A. Starr	92	650	46	65	3,476	2	2	9000-9000	FP
Veterans Admin.	J. C. Bigelow	...	101	4	75	175	...	...	4610-8230	P
<b>PENNSYLVANIA</b>										
<b>Philadelphia</b>										
Hahnemann Medical College and Hospital	H. Nichols	9	177	19	59	59	2	4	4500-5100	P
Deborah (Browns Mills, N.J.)	T. Nichols	11	187	9	100	550	...	...	3600-3600	F
Presbyterian-University of Pennsylvania Medical Center	R. Trout	7	2474	10	100	92	2	2	6500-6500	P
Temple University	J. C. Davila	9	157	21	86	...	2	4	5000-6200	P
St. Christopher's Hospital for Children	F. Nigidula	...	...	...	...	...	...	...	...	...
<b>Pittsburgh</b>										
Health Center Hospitals of the University of Pittsburgh	H. T. Bahnson, E. M. Kent	...	...	...	...	...	2	4	...	...
Children's Hospital of Pittsburgh	H. T. Bahnson	5	190	37	87	58	...	...	7500-7800	...
Presbyterian-University	H. T. Bahnson	11	222	20	65	1,968	...	...	...	...
Allegheny General	E. M. Kent	27	6414	46	46	475	...	...	8400-8400	P
St. Francis General	J. W. Giacobine	21	294	80	40	787	2	6	8400-8400	P
Shadyside	W. B. Ford	26	577	41	29	2	...	...	7200-7500	F
<b>SOUTH CAROLINA</b>										
<b>Charleston</b>										
Medical Center Hospitals	...	...	...	...	...	...	...	...	...	...
Medical College	W. Lee	22	5564	50	68	400	2	4	6000-8000	P

APPROVED RESIDENCIES

27. THORACIC SURGERY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Length of Approved Program (Years)	Residencies Offered 1969-1970		Main-tenance
				Number	Necropsy Per cent			Total All Years	Salary per Year Min.-Max.	
<b>TENNESSEE</b>										
<b>Memphis</b>										
University of Tennessee Affiliated Hospitals	J. W. Pate	...	...	...	...	...	2	6	...	...
City of Memphis Hospitals	J. W. Pate	118	558	102	62	1,308	...	...	5016-6468	F
Veterans Admin.	F. A. Hughes	24	397	66	71	467	...	...	7160-9160	O
West Tennessee Chest Disease	F. H. Cole	56	224	3	0	291	...	...	7080-7440	F
<b>TEXAS</b>										
<b>Dallas</b>										
University of Texas Southwestern Medical School	...	...	...	...	...	...	2	3	...	...
Affiliated Hospitals	W. R. Webb	10	400	25	8	1,983	...	...	5160-5820	P
Parkland Memorial	W. R. Webb	28	890	36	58	185	...	...	7200-7200	O
Baylor University Medical Center	D. Paulson	...	...	...	...	...	...	...	...	...
Children's Medical Center	M. V. Davis	...	...	...	...	...	...	...	...	...
Veterans Admin.	R. H. Holland	24	335	53	62	444	...	...	7430-8550	P
<b>Galveston</b>										
University of Texas Medical Branch Hospitals	J. Derrick	30	964	27	63	710	2	2	8500-9500	P
<b>Houston</b>										
Baylor University Affiliated Hospitals	M. E. De Bakey	...	...	...	...	...	2	6	6862-7187	P
Ben Taub General	...	7	216	26	63	298	...	...	...	...
Methodist	...	154	4,246	189	71	...	...	...	...	...
St. Luke's Episcopal	...	48	1,373	108	70	...	...	...	...	...
Texas Children's	...	14	346	42	97	645	...	...	...	...
Veterans Admin.	...	1	507	12	75	290	...	...	...	...
<b>UTAH</b>										
<b>Salt Lake City</b>										
University of Utah Affiliated Hospitals	R. K. Hughes	...	...	...	...	...	2	6	...	...
University	R. K. Hughes	3	42	3	33	...	...	...	6600-8230	P
Latter-Day Saints	R. M. Nelson	26	1,064	80	69	119	...	...	6900-7500	P
Veterans Admin.	...	...	...	...	...	...	...	...	8550-8550	O
<b>VERMONT</b>										
<b>Burlington</b>										
Medical Center Hospital of Vermont	E. Blair	...	...	...	...	...	2	2	...	...
<b>VIRGINIA</b>										
<b>Charlottesville</b>										
University of Virginia	W. H. Muller, Jr.	25	817	61	66	604	2	1	4800-6000	O
<b>Richmond</b>										
Veterans Admin.	Y. H. Zimberg	11	274	19	37	635	1	1	7430-8550	P
<b>WISCONSIN</b>										
<b>Milwaukee</b>										
Marquette University Affiliated Hospitals	W. Weisel	...	...	...	...	...	2	5	...	...
Evangelical Deaconess	B. G. Narodick	10	160	9	56	...	...	...	7754-8754	P
Milwaukee Children's	B. G. Narodick	4	112	19	89	87	...	...	...	...
Milwaukee County General	B. G. Narodick	8	259	5	100	600	...	...	8800-9700	P
St. Luke's	D. Lepley, Jr.	30	360	17	88	391	...	...	6600-8400	FP
Veterans Admin. Center (Wood)	W. Weisel	15	149	28	82	767	...	...	7200-10600	P

28. UROLOGY

Residency programs in the following hospitals have been approved by the Council on Medical Education, the American Board of Urology, through the American College of Surgeons, through the Residency Review Committee for Urology. These programs are approved for THREE years of training. All hospitals listed offer three years of training intramurally or on an integrated basis through affiliation with another approved institution. Programs, 179; Residencies, 1,032

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>UNITED STATES AIR FORCE</b>														
<b>TEXAS</b>														
Wilford Hall U.S.A.F., San Antonio	J. Robison	46	1,599	2	100	10,414	2	2	2	2	0	8	...	...
<b>UNITED STATES ARMY</b>														
<b>CALIFORNIA</b>														
Letterman General, San Francisco	C.A. Moore	16	487	3	100	6,729	0	1	1	1	0	3	...	...
<b>DISTRICT OF COLUMBIA</b>														
Walter Reed General, Washington	K. E. Van Buskirk	53	764	12	83	16,141	0	2	2	2	0	6	...	...
<b>HAWAII</b>														
Tripler General, Honolulu	F. E. Ceccarelli	43	1,197	4	75	18,698	0	1	1	1	0	3	...	...
<b>TEXAS</b>														
Brooke General, San Antonio	P. D. Beach	35	884	16	94	9,941	0	2	2	2	0	6	...	...

28. UROLOGY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Main-tenance	
				Number	Neeropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		Salary per Year Min.-Max.
<b>UNITED STATES NAVY</b>														
<b>CALIFORNIA</b>														
U. S. Naval, Oakland <sup>119</sup>	J.D.Real	20	669	2	50	5,987	1	1	1	1	0	4	...	...
U. S. Naval, San Diego	M. B. Rotner	55	1,842	25	76	18,262	1	1	3	0	0	5	...	...
<b>MARYLAND</b>														
U. S. Naval, Bethesda	H. Hubbard	42	721	18	90	13,892	1	1	1	1	0	4	...	...
<b>NEW YORK</b>														
U. S. Naval, St. Albans	M. Edson	32	631	9	78	4,856	1	1	1	0	0	3	...	...
<b>PENNSYLVANIA</b>														
U. S. Naval, Philadelphia	E. C. Sacher	27	601	4	50	6,774	1	1	0	2	0	4	...	...
<b>UNITED STATES PUBLIC HEALTH SERVICE</b>														
<b>NEW YORK</b>														
U.S. Public Health Service (Staten Island), New York City <sup>267</sup>	M. W. Justice	50	1,132	6	100	6,521	2	1	1	1	0	5	...	...
<b>OTHER FEDERAL</b>														
<b>CANAL ZONE</b>														
Gorgas, Balboa Heights	W. Austerman	9	328	3	67	5,263	1	1	1	0	0	3	8705-10364	O
<b>NONFEDERAL AND VETERANS ADMINISTRATION</b>														
<b>ALABAMA</b>														
<b>Birmingham</b>														
Carraway Methodist	H.C.Hudson	24	937	8	75	8,239	1	1	1	0	0	3	6600-8400	P
University of Alabama Medical Center	S.W. Shirley	...	...	...	...	...	0	3	3	2	1	9	...	...
Children's Crippled Children's Clinic and Hospital	V. Scott	2	948	6	66	...	...	...	...	...	...	...	...	...
University of Alabama Hospitals and Clinics	...	22	659	11	36	2,396	...	...	...	...	...	...	6840-8435	P
Veterans Admin.	...	34	809	15	80	3,917	...	...	...	...	...	...	4830-8550	O
<b>ARKANSAS</b>														
<b>Little Rock</b>														
University of Arkansas Medical Center	J.E.Mobley	...	...	...	...	...	2	2	2	0	0	6	...	...
Arkansas Children's Hospital	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arkansas State University	...	16	442	12	25	2,317	...	...	...	...	...	...	5200-5900	O
Veterans Admin. Consolidated	...	37	593	14	71	1,054	...	...	...	...	...	...	5730-7430	P
<b>CALIFORNIA</b>														
<b>Downey</b>														
Rancho Los Amigos - See White Memorial Medical Center, Los Angeles														
<b>Long Beach</b>														
Veterans Admin. <sup>66</sup>	A. J. Bischoff	45	660	20	80	3,241	3	3	3	2	0	11	8032-10564	O
<b>Los Angeles</b>														
Kaiser Foundation	J. F. Cooper	21	1,545	10	40	21,688	1	1	1	0	0	3	6900-8100	P
Los Angeles County-U.S.C. Medical Center	J. Morrow	75	1,860	41	66	24,085	3	3	3	3	0	12	7632-9528	P
U. C. L. A. Affiliated Hospitals	W. E. Goodwin	...	...	...	...	...	3	3	3	3	3	15	...	...
U. C. L. A.	W. E. Goodwin	21	854	9	89	3,290	...	...	...	...	...	...	5400-9500	O
Veterans Admin. Center-Wadsworth	M. Mims	60	1,538	37	62	2,125	...	...	...	...	...	...	8656-10564	P
Los Angeles County Harbor General (Torrance)	A. Cockett	13	436	10	60	4,341	...	...	...	...	...	...	7632-10164	P
White Memorial Medical Center	T. Bergman	9	477	5	80	2,610	1	1	1	1	0	4	6660-8460	P
Rancho Los Amigos (Downey)	A. E. Comarr	...	...	...	...	8,075	...	...	...	...	...	...	7632-10080	P
Riverside General (Riverside)	S. Farley	7	190	7	29	889	...	...	...	...	...	...	...	...
<b>Martinez</b>														
Veterans Admin. <sup>123</sup>	J.S. Elliot	36	539	26	73	2,326	1	1	1	0	0	3	7356-9156	O
<b>Oakland</b>														
Highland General	C.F. Humphreys	12	289	17	65	2,853	1	1	1	0	0	3	7800-9000	P
<b>Orange</b>														
Orange County Medical Center	C.K. Pearlman	9	552	5	100	2,267	0	1	1	1	0	3	7296-9312	P
<b>Palo Alto</b>														
Stanford Medical Center and Affiliated Hospitals	T.A. Stamey	...	...	...	...	...	3	3	3	3	0	12	...	...
Palo Alto-Stanford Hospital Center	T.A. Stamey	22	1,068	12	67	4,575	...	...	...	...	...	...	5700-6600	P
Veterans Admin.	G.E. Dueker	20	219	7	71	1,842	...	...	...	...	...	...	...	...
Santa Clara Valley Medical Center (San Jose)	T. A. Stamey	8	289	8	75	2,010	...	...	...	...	...	...	...	...
<b>Riverside</b>														
Riverside General - See White Memorial Medical Center, Los Angeles														
<b>San Diego</b>														
University Hospital of San Diego County <sup>66</sup>	R. F. Gittes	14	419	10	44	4,515	2	2	2	0	0	6	5200-7200	P
<b>San Francisco</b>														
University of California Program	D. R. Smith	...	...	...	...	...	3	3	3	0	0	9	...	...
H. C. Moffitt-University of California Hospitals	D. R. Smith	22	809	5	60	4,200	...	...	...	...	...	...	5900-8400	O
Harkness Community Hospital and Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...
San Francisco General	D. R. Smith	20	501	16	75	1,143	...	...	...	...	...	...	4692-8652	P
Veterans Admin.	J. W. Schulte	21	435	5	60	1,373	...	...	...	...	...	...	4210-8230	O
<b>San Jose</b>														
Santa Clara Valley Medical Center - See Stanford Medical Center and Affiliated Hosps., Palo Alto														
<b>Torrance</b>														
Los Angeles County Harbor General - See U.C.L.A. Affiliated Hospitals, Los Angeles														

Numerical and other references are listed on pages 279 through 282.

## APPROVED RESIDENCIES

## 28. UROLOGY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance P-O
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>COLORADO</b>														
<b>Denver</b>														
Denver General	D. Newland	10	349	2	50	2,205	1	1	1	0	0	3	5256-6300	P
University of Colorado Affiliated Hospitals	O.G.Stonington	...	...	...	...	...	1	1	1	0	0	3	...	...
University of Colorado Medical Center	O. G. Stonington	9	425	7	71	2,521	...	...	...	...	...	...	4500-5500	O
Veterans Admin.	T.E.Starzl	26	388	19	79	930	...	...	...	...	...	...	4610-8230	O
<b>CONNECTICUT</b>														
<b>New Haven</b>														
Yale-New Haven Medical Center	B.Lytton	33	1,310	22	32	3,674	0	2	2	2	0	6	...	...
Yale-New Haven Veterans Admin. (West Haven)	B. Lytton	12	335	4	50	644	...	...	...	...	...	...	7200-8400	P
Waterbury (Waterbury)	J. K. Shearer	18	566	19	31	314	...	...	...	...	...	...	7800-7800	P
Waterbury - See Yale-New Haven Medical Center, New Haven														
<b>West Haven</b>														
Veterans Admin. - See Yale-New Haven Medical Center, New Haven														
<b>DELAWARE</b>														
<b>Wilmington</b>														
Wilmington Medical Center	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delaware Division	H. Repman	21	1,110	7	86	1,726	1	1	1	0	0	3	6000-7200	P
<b>DISTRICT OF COLUMBIA</b>														
<b>Washington</b>														
Freedmen's	G. W. Jones	16	374	19	53	2,514	...	...	...	...	...	3	7300-10000	O
Georgetown University Affiliated Hospitals	R. Baker	21	274	8	63	2,527	2	2	2	2	0	8	6500-8500	P
District of Columbia General - Georgetown University	...	22	942	1	100	600	...	...	...	...	...	...	7000-8500	P
Veterans Admin.	...	29	442	3	66	3,200	...	...	...	...	...	...	7000-8500	O
George Washington University Affiliated Hospitals <sup>148</sup>	L. R. Culbertson	21	271	8	63	2,527	2	2	2	0	0	6	6500-8500	P
District of Columbia General - George Washington University	...	23	1,027	14	72	646	...	...	...	...	...	...	7016-7517	P
Veterans Admin.	...	28	255	3	100	2,419	...	...	...	...	...	...	7000-10000	P
Washington Hospital Center	G. McDonald	46	2,581	20	55	1,320	2	2	2	0	0	6	8200-8500	P
Children's Hospital of the District of Columbia	D. Jarman	14	1,545	0	0	647	...	...	...	...	...	...	...	...
<b>FLORIDA</b>														
<b>Bay Pines</b>														
Veterans Admin. - See Tampa General, Tampa														
<b>Gainesville</b>														
William A. Shands Teaching Hospital and Clinics <sup>108</sup>	G. Miller	10	422	5	80	2,804	1	1	1	1	0	4	4500-8000	O
Veterans Admin. (Lake City)	W. P. Jordan, Jr	25	616	8	50	...	...	...	...	...	...	...	4830-8550	O
<b>Jacksonville</b>														
Duval Medical Center - St. Vincent's	W. A. Van Nortwick	...	...	...	...	...	1	1	1	0	0	3	...	...
Duval Medical Center	W. A. Van Nortwick	7	241	13	62	6,138	...	...	...	...	...	...	8400-9000	P
St. Vincent's	R. J. Brown	20	1,235	7	28	762	...	...	...	...	...	...	6000-6600	P
<b>Lake City</b>														
Veterans Admin. - See William A. Shands Teaching Hosp. & Clinics, Gainesville														
<b>Miami</b>														
University of Miami Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jackson Memorial	V. A. Politano	61	1,982	30	20	8,506	3	3	3	0	0	9	6096-6776	P
Veterans Admin.	R. L. Fein	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Miami Beach</b>														
Mount Sinai Hospital of Greater Miami	S. Goldman	39	1,238	29	50	848	1	1	1	0	0	3	7300-8300	P
<b>Orlando</b>														
Orange Memorial	T. Frazier	36	1,739	23	17	1,202	2	2	1	0	0	5	6600-7200	P
<b>Tampa</b>														
Tampa General	J. Carron	37	2,192	33	49	2,209	1	1	1	0	0	3	6000-7200	FP
Veterans Admin. (Bay Pines)	J. L. Davis	35	599	15	33	603	...	...	...	...	...	...	6440-6440	...
<b>GEORGIA</b>														
<b>Atlanta</b>														
Grady Memorial	C. Rieser	29	658	3	33	8,584	3	3	3	0	0	9	6000-6900	P
Veterans Admin.	E. Haltiwanger	...	...	...	...	...	...	...	...	...	...	...	4830-8550	P
St. Joseph's Infirmary <sup>98</sup>	R. C. Coleman	20	1,003 <sup>‡</sup>	12	33	533	1	1	1	0	0	3	6360-7140	P
<b>Augusta</b>														
Medical College of Georgia Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eugene Talmadge Memorial	J. R. Rinker	27	439	6	83	2,639	1	2	1	0	0	4	5400-6600	P
<b>Savannah</b>														
Memorial Medical Center	I. Victor	31	1,361 <sup>‡</sup>	29	31	3,076	2	2	2	0	0	6	5100-6600	F
<b>ILLINOIS</b>														
<b>Chicago</b>														
Chicago Medical School Affiliated Hospitals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Sinai Hospital Medical Center of Chicago	M. Lakin	8	253	6	33	1,199	1	1	1	0	0	3	6000-7500	P
Cook County	I. Bush	73	1,941	65	42	10,421	3	3	3	3	0	12	5400-7800	F
Mercy Hospital and Medical Center <sup>80</sup>	E. T. Wilson	14	373	15	66	1,442	1	1	1	0	0	3	5700-6300	P
Michael Reese Hospital and Medical Center <sup>76</sup>	D. Presman	38	1,071	30	27	2,010	1	1	1	1	0	4 <sup>+</sup>	5800-8400	P
Northwestern University Medical Center	J. T. Grayhack	...	...	...	...	2,016	3	3	2	2	0	10	...	...
Chicago Wesley Memorial	V. J. O'Connor, Jr.	15	544	8	50	...	...	...	...	...	...	...	6000-8000	P
Children's Memorial	J. Burden	14	664 <sup>‡</sup>	4	100	1,062	...	...	...	...	...	...	6000-8000	P
Passavant Memorial	J. T. Grayhack	4	618	3	0	342	...	...	...	...	...	...	6000-7500	P
Veterans Admin. Research	J.T.Grayhack	28	687	19	53	...	...	...	...	...	...	...	6400-8550	O

Numerical and other references are listed on pages 279 through 282.

28. UROLOGY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Neeropy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>ILLINOIS, Chicago - Continued</b>														
Presbyterian-St. Luke's	L.R.King	23	985	9	33	1,791	1	1	1	1	0	4	6000-7500	P
University of Chicago Hospitals and Clinics	C. W. Vermeulen	13	538	8	50	5,584	1	1	1	0	0	3	6000-8000	O
University of Illinois Affiliated Hospitals	J. H. Mc Donald	...	...	...	...	...	2	2	2	0	0	6	...	...
University of Illinois Research and Educational Hospitals	...	19	469	7	57	3,602	...	...	...	...	...	...	5700-6600	P
Veterans Admin. (West Side)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Hines</b>														
Veterans Admin. <sup>173</sup>	F. A. Lloyd	66	1,138	47	47	4,223	0	2	2	2	0	6	6700-7600	O
<b>INDIANA</b>														
<b>Indianapolis</b>														
Indiana University Medical Center	R.A.Garrett	...	...	...	...	...	3	3	3	3	0	12	...	...
Indiana University Hospitals	R.A.Garrett	21	443	6	66	3,359	...	...	...	...	...	...	5600-6600	P
Marion County General	C. Van Tassel	28	442	31	33	3,804	...	...	...	...	...	...	5764-6916	P
Veterans Admin.	R. A. Garrett	22	278	12	33	1,182	...	...	...	...	...	...	4830-8550	O
Methodist Hospital of Indiana	J. H. O. Mertz	60	2,936	28	39	522	1	1	1	1	0	4	5880-6780	P
<b>IOWA</b>														
<b>Des Moines</b>														
Veterans Admin. Center <sup>15</sup>	L.J.Arduino	27	2,670	27	48	1,122	1	1	1	0	0	3	4610-8230	P
<b>Iowa City</b>														
University of Iowa Hospitals	R. H. Flocks	80	2,175	36	50	12,635	3	3	3	3	3	15	5000-7000	P
<b>KANSAS</b>														
<b>Kansas City</b>														
University of Kansas Medical Center	W. Valk	21	833	6	50	3,858	2	2	2	0	0	6	5400-5400	P
Veterans Admin. (Kansas City, Mo.)	W. K. Mebust	33	525	18	56	840	...	...	...	...	...	...	4830-7430	O
<b>Wadsworth</b>														
Veterans Admin. Center <sup>223</sup>	L. Becker	28	459	16	80	4,309	1	1	1	0	0	3	5460-8230	...
St. Luke's (Kansas City, Mo.)	A. Mitchell	23	1,200	11	28	...	...	...	...	...	...	...	...	...
<b>Wichita</b>														
Veterans Admin. Center	M. E. Jacobson	24	343	18	72	1,046	1	1	1	1	0	4	6032-7430	F
St. Francis	D. C. Reed	44	1,676	32	31	...	...	...	...	...	...	...	6396-7124	FP
Sedgwick County Hospital and Clinic	F. Matassarini	6	129	5	20	425	...	...	...	...	...	...	...	...
<b>KENTUCKY</b>														
<b>Lexington</b>														
University of Kentucky Medical Center	E. H. Ray	...	...	...	...	...	2	2	1	0	0	5	...	...
St. Joseph	N. L. Bosworth	21	1,105	10	20	9	...	...	...	...	...	...	4510-6360	P
University	E. H. Ray	12	419	10	80	1,941	...	...	...	...	...	...	5160-6960	P
Veterans Admin.	W. G. Malette	23	280	1	100	680	...	...	...	...	...	...	4610-8230	O
<b>Louisville</b>														
University of Louisville Affiliated Hospitals	R. Lich, Jr.	...	...	...	...	...	2	2	1	1	0	6	...	...
Children's	L. Howerton	5	224	...	...	358	...	...	...	...	...	...	...	...
Louisville General	R. Lich, Jr.	9	332	5	20	5,502	...	...	...	...	...	...	5000-7430	P
Veterans Admin.	H. I. Berman	20	498	16	81	1,611	...	...	...	...	...	...	4830-7430	O
<b>LOUISIANA</b>														
<b>Alexandria</b>														
Veterans Admin. - See Tulane University Affiliated Hospitals, New Orleans														
<b>New Orleans</b>														
Charity Hospital of Louisiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisiana State University Division	G. C. Tomskey	31	747	61	51	10,493	...	...	...	...	...	9	5400-6000	F
Tulane University Division	J. U. Schlegel	37	832	32	34	11,081	...	...	...	...	...	8	5400-6000	F
Ochsner Foundation <sup>187</sup>	W. E. Kittredge	18	864	9	55	14,028	2	2	2	0	0	6	6500-7500	O
Tulane University Affiliated Hospitals	J. U. Schlegel	...	...	...	...	...	2	2	2	2	0	8	...	...
Veterans Admin.	J. U. Schlegel	38	598	14	71	1,730	...	...	...	...	...	...	6400-7110	O
Touro Infirmary	J. L. Fischman	27	1,166	15	9	...	...	...	...	...	...	...	6191-7039	P
Veterans Admin. (Alexandria)	J. U. Schlegel	23	348	7	57	1,146	...	...	...	...	...	...	6750-9657	O
<b>Shreveport</b>														
Confederate Memorial Medical Center	B. E. Trichel	24	1,236	16	44	4,822	2	2	1	1	0	6	5400-6000	F
<b>MARYLAND</b>														
<b>Baltimore</b>														
Johns Hopkins <sup>190</sup>	W. W. Scott	46	1,687 <sup>4</sup>	20	70	6,003	4	2	3	3	0	12	5000-...	P
Sinai Hospital of Baltimore	M. A. Robbins	20	805	5	20	1,274	1	1	1	0	0	3	5700-7000	P
University of Maryland	J. Young	28	978	25	16	5,152	2	2	2	2	0	8	5700-7100	P
<b>Fort Howard</b>														
Veterans Admin. <sup>197</sup>	H.C.Kramer	24	228	19	58	2,901	1	0	0	0	0	1	4610-8230	P
<b>MASSACHUSETTS</b>														
<b>Boston</b>														
Boston University Medical Center	G. Austen	...	...	...	...	...	2	2	2	0	0	6	8100-9000	O
Boston City	...	42	852	16	44	7,338	...	...	...	...	...	...	...	...
University	...	8	322	7	14	...	...	...	...	...	...	...	...	...
Lahey Clinic	L. Zinman	40	1,323	13	62	8,962	2	2	2	0	0	6	7300-9000	O
New England Deaconess	L. M. Woodruff	30	300	7	43	...	...	...	...	...	...	...	7300-8100	O
Lawrence F. Quigley Memorial (Chelsea)	L. Woodruff	10	188	1	100	1,377	...	...	...	...	...	...	6000-9000	P
St. Luke's (New Bedford)	S. J. Koczera	1	495 <sup>4</sup>	12	55	234	...	...	...	...	...	...	...	...
Massachusetts General	W. Leadbetter	60	2,023 <sup>4</sup>	47	66	4,500	2	2	2	0	0	6	8100-10000	O
<b>Peter Bent Brigham</b>														
Hospital-Veterans Admin. (West Roxbury) <sup>11,895</sup>	J.H. Harrison	...	...	...	...	...	2	2	2	0	0	6	...	...
Peter Bent Brigham	J.H. Harrison	...	...	...	...	...	...	...	...	...	...	...	7300-9000	P
Veterans Admin. (West Roxbury)	H. S. Talbot	9	318	5	100	1,222	...	...	...	...	...	...	6600-10000	O
Veterans Admin. (Jamaica Plain)	R. Chute	29	819	20	70	1,438	1	1	1	0	0	3	7300-9000	O

Numerical and other references are listed on pages 278 through 282.

APPROVED RESIDENCIES

28. UROLOGY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>MASSACHUSETTS - Continued</b>														
<b>Chelsea</b>														
Lawrence F. Quigley Memorial - See Lahey Clinic, Boston														
<b>New Bedford</b>														
St. Luke's - See Lahey Clinic, Boston														
<b>MICHIGAN</b>														
<b>Allen Park</b>														
Veterans Admin. - See Wayne State Univ. Affil. Hsps., Detroit														
<b>Ann Arbor</b>														
University of Michigan Medical														
Center	J. Lapides	...	...	...	...	...	3	3	3	0	0	9	...	...
University	...	32	1,526	8	75	5,276	...	...	...	...	...	...	5300-6700	O
Veterans Admin.	...	Inc. in Surg.	...	9	100	...	...	...	...	...	...	...	4830-8550	O
<b>Detroit</b>														
Grace	S. J. Lutz	42	1,403	37	32	554	...	...	...	...	...	4	6600-7200	P
Harper	E. J. Shumaker	41	1,441	23	35	1,169	2	1	1	0	0	4	7800-8400	P
Henry Ford	A. W. Bohne	21	1,058	8	61	17,449	2	2	2	0	0	6	6420-7380	P
Sinai Hospital of Detroit	W. H. Rattner	15	704	13	61	571	1	1	1	0	0	3	6600-7800	P
Wayne State University Affiliated														
Hospitals	J. M. Pierce	...	...	...	...	...	2	2	2	0	0	6	...	...
Veterans Admin. (Allen Park)	...	24	502	26	70	2,361	...	...	...	...	...	...	4830-8550	O
Children's Hospital of Michigan	G. Sewell	6	168	2	...	670	...	...	...	...	...	...	6600-7200	P
Detroit General	J. M. Pierce	28	661	26	75	6,152	...	...	...	...	...	...	6500-7400	P
<b>Eloise</b>														
Wayne County General Hospital and Infirmary														
	J. L. Lapides	34	762	20	35	1,733	0	1	1	1	0	3	6852-8500	F
<b>Royal Oak</b>														
William Beaumont														
	H.E. Lichtwardt	20	1,067	13	46	100	1	1	1	0	0	3	9360-10500	P
<b>MINNESOTA</b>														
<b>Minneapolis</b>														
University of Minnesota Hospitals														
	C. Markland	21	596	7	86	1,078	2	2	2	2	0	8†	5500-...	O
Veterans Admin. <sup>215</sup>	G. Mellinger	44	1,395	16	94	3,750	3	3	2	0	0	8	5000-8550	O
<b>Rochester</b>														
Mayo Graduate School of Medicine														
	O. S. Culp	140	3,810	24	67	47,033	6	6	6	6	0	24	5400-8000	P
Rochester Methodist														
	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Mary's														
	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>St. Paul</b>														
St. Paul-Ramsey Hospital - Charles														
	E.J. Richardson	...	...	...	...	...	1	2	1	1	0	5	...	...
T. Miller	E. J. Richardson	34	674	19	68	3,890	...	...	...	...	...	...	5000-6500	O
St. Paul-Ramsey <sup>54</sup>	N. Trotman	12	495	4	25	494	...	...	...	...	...	...	7200-7200	P
<b>MISSISSIPPI</b>														
<b>Jackson</b>														
University of Mississippi Medical														
Center	T. Ainsworth	...	...	...	...	...	1	1	1	0	0	3	...	...
University	W. L. Weems	14	444	6	50	3,340	...	...	...	...	...	...	5400-6000	O
Veterans Admin. Center	L.E. Deddens	24	334	12	67	2,561	...	...	...	...	...	...	4830-6750	O
<b>MISSOURI</b>														
<b>Columbia</b>														
University of Missouri Affiliated														
Hospitals	I.M. Thompson	...	...	...	...	...	2	2	2	2	0	8	...	...
University of Missouri Medical	I.M. Thompson	19	724‡	4	100	4,237	...	...	...	...	...	...	5500-7000	P
Center	I. M. Thompson	20	525	20	40	2,711	...	...	...	...	...	...	5985-7875	FP
Kansas City General Hospital and Medical Center (Kansas City)														
<b>Kansas City</b>														
Kansas City General Hospital and Medical Center - See University of Missouri Affiliated Hospitals, Columbia														
St. Luke's - See Veterans Admin. Center, Wadsworth, Kansas														
Veterans Admin. - See University of Kansas Medical Center, Kansas City, Kansas														
<b>St. Louis</b>														
Homer G. Phillips														
	M. Abrams	23	423	36	11	2,627	2	1	1	0	0	4	5305-6448	P
St. Louis City <sup>37</sup>	G. Storey	18	459	18	25	3,187	2	2	2	0	0	6	5848-6448	O
St. Louis University Group of														
Hospitals	C.R. Hanlon	60	2,078	42	31	3,557	2	2	2	0	0	6	6600-7800	O
Washington University Affiliated														
Hospitals	J. J. Cordonnier	...	...	...	...	...	3	3	3	0	0	9	...	...
Barnes Hospital Group	...	32	1,139	15	67	2,971	...	...	...	...	...	...	6327-6370	O
Veterans Admin.	...	27	583	16	63	1,940	...	...	...	...	...	...	4830-6750	O
<b>NEW HAMPSHIRE</b>														
<b>Hanover</b>														
Dartmouth Medical School Affiliated														
Hospitals	L. J. Morin	...	...	...	...	...	1	1	1	0	0	3	...	...
Mary Hitchcock Memorial	...	12	731	1	0	2,099	...	...	...	...	...	...	6200-7800	O
Veterans Admin. Center (White River Junction, Vt.)	...	10	308	3	67	842	...	...	...	...	...	...	5460-7110	O
<b>NEW JERSEY</b>														
<b>East Orange</b>														
Veterans Admin. <sup>262</sup>														
	M. Malament	46	645	35	60	1,050	1	1	1	0	0	3	6800-8630	P
<b>Jersey City</b>														
Jersey City Medical Center														
	J. D. Katz	21	541	27	4	893	1	1	1	1	0	4	6500-7700	O
<b>Newark</b>														
Newark City														
	B. Rothhouse	28	620	10	60	3,112	1	1	1	0	0	3	7400-8900	P
<b>NEW YORK</b>														
<b>Albany</b>														
Albany Medical College Affiliated														
Hospitals	M. W. Woodruff	...	...	...	...	...	2	1	1	0	0	4	...	...
Albany Medical Center	...	20	974	11	27	555	...	...	...	...	...	...	7300-9600	P
Veterans Admin.	...	13	493	20	85	1,100	...	...	...	...	...	...	4830-6750	O

Numerical and other references are listed on pages 279 through 282.

28. UROLOGY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (Include Transfers)	Deaths			Residencies Offered 1969-1970						Main-tenance	
				Number	Necropsy Per cent	Outpatient Visits	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total All Years		Salary per Year Min.-Max.
<b>NEW YORK - Continued</b>														
<b>Buffalo</b>														
Millard Fillmore <sup>237</sup>	P. A. Greco	32	966†	15	47	491	1	1	1	0	0	3	5700-6800	P
Roswell Park Memorial Institute-Sisters of Charity		...	...	...	...	...	1	1	1	0	0	3	...	...
Roswell Park Memorial Institute	G. P. Murphy	22	400	21	100	4,240	...	...	...	...	...	...	5020-6214	O
Sisters of Charity	G. J. Hardner	23	563	22	32	653	...	...	...	...	...	...	6700-7200	P
S.U.N.Y. at Buffalo Affiliated Hospitals <sup>58</sup>														
Buffalo General	W. J. Staubitz	...	...	...	...	...	3	3	3	3	0	12	...	...
Children's Hospital of Buffalo	W. J. Staubitz	32	909	18	22	869	...	...	...	...	...	...	5700-7500	O
Edward J. Meyer Memorial	W. J. Staubitz	10	362	...	...	407	...	...	...	...	...	...	5300-7500	P
Veterans Admin.	M. J. Gonder	24	530	24	33	2,687	...	...	...	...	...	...	5550-7260	P
		32	553	20	60	2,212	...	...	...	...	...	...	4830-8550	O
<b>East Meadow</b>														
Meadowbrook	M. Goldfarb	18	607	19	32	1,983	1	1	1	0	0	3	6816-8016	F
<b>Mineola</b>														
Nassau	M. Spatz	17	1,062	47	25	63	1	1	1	0	0	3	7800-8400	P
<b>New Hyde Park</b>														
Long Island Jewish Hospital Training Program	S. Rothfeld	...	...	...	...	...	2	2	2	0	0	6	...	...
Long Island Jewish		11	424	3	0	245	...	...	...	...	...	...	6000-7750	O
Queens Hospital Center (New York City)		35	602	31	29	4,634	...	...	...	...	...	...	5750-6500	F
<b>New York City</b>														
Albert Einstein College of Medicine Affiliated Hospitals	H. R. Newman	...	...	...	...	...	3	3	3	0	0	10†	...	...
Bronx Municipal Hospital Center		23	741	10	40	4,244	...	...	...	...	...	...	4980-6400	F
Hospital of the Albert Einstein College of Medicine		...	294†	3	0	1,302	...	...	...	...	...	...	5580-6220	F
Lincoln		...	...	1	0	3,790	...	...	...	...	...	...	4980-5780	P
Beth Israel	L. Orkin	64	1,422	28	43	3,704	2	2	2	0	0	6	6150-7650	P
Francis Delafield <sup>255</sup>	R. J. Veenema	59	868	26	36	5,091	2	2	2	0	0	6	4980-5780	P
Jewish Hospital and Medical Center of Brooklyn	S. Weinberg	41	1,073	35	31	1,492	2	2	1	0	0	5	5000-...	...
Long Island College	H. C. Harlin	30	874	19	11	1,302	1	1	1	0	0	3	5500-8000	P
Maimonides Medical Center Training Program	S. Immergut	...	...	...	...	...	1	1	1	0	0	3	...	...
Maimonides Medical Center	S. Immergut	42	1,119	34	10	1,202	...	...	...	...	...	...	6000-7750	P
Coney Island	G. Wise	15	127	12	18	2,941	...	...	...	...	...	...	4980-5580	...
Misericordia - Fordham Training Program	E. Adlerman	21	415	11	27	1,813	0	1	1	1	0	3	6600-8700	F
Misericordia		...	...	...	...	...	...	...	...	...	...	...	...	...
Fordham		...	...	...	...	...	...	...	...	...	...	...	...	...
Montefiore Hospital Training Program	S. Freed	...	...	...	...	...	2	2	2	0	0	6	6620-7880	P
Montefiore Hospital and Medical Center		23	811	23	35	1,564	...	...	...	...	...	...	...	...
Morrisania City		9	233	5	40	2,167	...	...	...	...	...	...	...	...
Mount Sinai Hospital Training Program		...	...	...	...	...	0	4	3	3	0	10	...	...
Mount Sinai	H. Brendler	53	1,004	10	40	3,000	...	...	...	...	...	...	6000-8000	P
City Hospital Center at Elmhurst	M. Pincus	14	257	13	40	2,830	...	...	...	...	...	...	6300-7800	F
New York	V. Marshall	39	1,293	19	85	8,160	0	2	2	1	1	6	6000-8500	P
New York Medical College-Metropolitan Hospital														
Unit 1 - Flower and Fifth Avenue Hospitals	G. R. Nagamatsu	...	...	...	...	...	3	2	2	0	0	7	5580-6000	F
Unit 2 - Metropolitan		20	587	5	20	468	...	...	...	...	...	...	...	...
Unit 3 - Bird S. Coler Memorial Hospital and Home		30	614	13	46	5,748	...	...	...	...	...	...	...	...
New York Polyclinic Medical School and Hospital	F. A. Beneventi	10	92	4	75	0	...	...	...	...	...	...	...	...
New York University - Bellevue Medical Center	R. S. Hotchkiss	27	908	28	57	929	1	1	1	1	0	4	5900-7100	P
University		33	1,487	17	18	...	4	4	4	4	0	16	...	...
Veterans Admin. (Manhattan)		50	891	26	42	...	...	...	...	...	...	...	7440-8680	P
Bellevue Hospital Center		48	1,267	30	30	5,242	...	...	...	...	...	...	7090-8550	O
Presbyterian	J. Lattimer	76	2,398	22	23	9,884	4	3	3	3	0	13	6500-7500	O
Queens Hospital Center - See Long Island Jewish Hosp. Training Program, New Hyde Park		...	...	...	...	...	...	...	...	...	...	...	...	...
Roosevelt	P. B. Snyder	24	676	18	50	2,149	1	1	1	0	0	3	6000-7500	P
St. Luke's Hospital Center <sup>68</sup>	J. W. Draper	29	1,028	26	44	4,862	1	1	2	0	0	4	6500-7500	P
State University - Kings County Medical Center <sup>261</sup>	K. Waterhouse	...	...	...	...	...	0	0	4	4	4	12	...	...
Brooklyn-Cumberland Medical Center	F. C. Hamm	25	1,031	17	27	...	...	...	...	...	...	...	5640-7500	P
Kings County Hospital Center	K. Waterhouse	41	1,095	39	25	6,148	...	...	...	...	...	...	5780-6200	P
State University	K. Waterhouse	4	481†	...	...	1,200	...	...	...	...	...	...	6690-8110	O
Veterans Admin. (Brooklyn)	H. Mc Donald	38	765	15	13	1,137	...	...	...	...	...	...	7090-8310	O
Veterans Admin. (Bronx) <sup>257</sup>	P. Gonick	46	935	24	68	3,434	1	2	2	0	0	5	7690-8550	O
<b>Rochester</b>														
Strong Memorial Hospital of the University of Rochester <sup>16</sup>	L. N. Frank	21	1,125	18	55	1,479	2	2	0	0	0	4	5500-8500	P
<b>Syracuse</b>														
S.U.N.Y. Upstate Medical Center	O. M. Lilien	57	1,546	26	53	2,005	2	2	2	0	0	6	6050-6950	O
Veterans Admin.	O. M. Lilien	25	522	16	81	982	...	...	...	...	...	...	5050-8550	O
<b>NORTH CAROLINA</b>														
<b>Chapel Hill</b>														
North Carolina Memorial	P. L. Bunce	11	466	14	9	2,766	1	1	1	0	0	3	4500-6500	O
<b>Charlotte</b>														
Charlotte Memorial	H. Baird	58	2,305	30	34	1,586	1	1	1	1	0	4	6000-7200	P

Numerical and other references are listed on pages 279 through 282.

28. UROLOGY - Continued

State	City	Hospital	Chief of Service or Program Director	Average Daily Census	Admissions (include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Main-tenance
						Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>NORTH CAROLINA - Continued</b>																
<b>Durham</b>																
		Duke University Affiliated Hospitals	J. F. Glenn	...	...	...	...	...	1	3	3	3	0	10†	...	...
		Duke University Medical Center	J. F. Glenn	27	979	9	22	3,838	...	...	...	...	...	...	5500-7000	...
		Veterans Admin.	S. Boyarsky	17	356	6	50	...	...	...	...	...	...	...	4610-8230	O
		Lincoln	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Watts	J. Hughes	14	582	6	17	229	...	...	...	...	...	...	5600-5600	F
<b>Winston-Salem</b>																
		North Carolina Baptist Hospitals	W. Boyce	32	1,192	14	64	4,440	2	1	1	1	0	5	6000-8000	P
<b>OHIO</b>																
<b>Akron</b>																
		Akron City <sup>274</sup>	W. A. Keitzer	40	1,631	24	63	471	0	1	1	1	0	3	8900-10040	P
		Akron General <sup>274</sup>	K. F. Hausfeld	30	1,045	22	50	502	0	1	1	1	0	3	8800-9600	P
<b>Cincinnati</b>																
		Good Samaritan	W. Mulvaney	40	1,712	28	32	356	1	1	1	0	0	3	6000-7500	P
		University of Cincinnati Hospital Group	A. T. Evans	...	...	...	...	...	3	3	3	0	0	9	...	...
		Cincinnati General	...	19	843	18	33	3,940	...	...	...	...	...	...	5640-6240	P
		Children's	...	7	622	...	...	340	...	...	...	...	...	...	...	...
		Christ	...	48	1,666†	36	53	171	...	...	...	...	...	...	...	...
		Veterans Admin.	...	26	484	8	75	...	...	...	...	...	...	...	4830-8550	O
<b>Cleveland</b>																
		Cleveland Clinic <sup>91</sup>	R. A. Straffon	58	4,166	51	61	9,924	3	3	3	0	0	9	5800-7400	P
		Huron Road	V. Laughlin	22	755	13	36	1,370	1	1	1	0	0	3	5100-6300	FP
		Western Reserve University Affiliated Hospitals	L. Persky	...	...	...	...	...	2	2	2	0	0	6	...	...
		University Hospitals of Cleveland	L. Persky	31	1,424	19	47	2,685	...	...	...	...	...	...	6500-7500	P
		Cleveland Metropolitan General	S. Mahoney	10	379	7	100	3,770	...	...	...	...	...	...	6300-8760	P
		Veterans Admin.	...	37	435	16	63	1,046	...	...	...	...	...	...	6850-8350	P
<b>Columbus</b>																
		Ohio State University Hospitals	C. Winter	30	839	6	66	4,801	1	1	1	2	0	5	5700-8160	P
<b>Dayton</b>																
		Veterans Admin. Center	C. C. Winter	25	359	20	80	683	1	1	1	0	0	3	6600-8230	O
<b>Toledo</b>																
		St. Vincent Hospital and Medical Center <sup>14</sup>	E. F. Ockuly	25	852	18	50	258	1	1	1	0	0	3	6300-7200	P
		Maumee Valley	E. F. Ockuly	5	133	7	29	465	...	...	...	...	...	...	6300-6300	FP
<b>OKLAHOMA</b>																
<b>Oklahoma City</b>																
		University of Oklahoma Medical Center	W. L. Parry	...	...	...	...	...	0	2	2	2	0	6†	...	...
		University of Oklahoma Hospitals	...	14	414	5	80	2,724	...	...	...	...	...	...	5800-6400	P
		Veterans Admin.	...	28	475	18	72	1,214	...	...	...	...	...	...	...	...
<b>OREGON</b>																
<b>Portland</b>																
		University of Oregon Medical School Hospitals and Clinics	C. Hodges	24	782	15	93	4,532	3	3	3	3	0	12	4200-6000	FP
		Veterans Admin.	F. Gabor	20	401	7	67	2,000	...	...	...	...	...	...	4610-7110	P
<b>PENNSYLVANIA</b>																
<b>Danville</b>																
		Geisinger Medical Center	H. E. Brown	22	1,097	8	62	9,223	1	0	1	0	0	2	5800-7000	P
<b>Erle</b>																
		Hamot	R. C. Lyons	32	1,367	25	44	4,934	1	1	1	1	0	4	7800-9000	P
		St. Vincent	R. B. Roth	41	1,754†	30	23	9,935	2	2	2	0	0	6	8100-9000	F
<b>Philadelphia</b>																
		Albert Einstein Medical Center	H. Lipshutz	54	1,535†	30	40	1,377	1	1	1	0	0	3	5400-6000	P
		Episcopal <sup>48</sup>	G. Shoup	7	243	8	75	595	1	1	1	0	0	3	4500-4980	P
		Graduate Hospital of the University of Pennsylvania	H. Burros	18	517	8	50	1,237	1	1	1	0	0	3	5400-6000	P
		Hahnemann Medical College and Hospital	J. Gislason	13	392	5	60	1,476	1	1	1	0	0	3	4500-5100	P
		Hospital of the University of Pennsylvania	J. J. Murphy	34	1,321	15	67	2,475	1	1	1	1	0	4	5500-8500	P
		Veterans Admin.	M. Bogash	24	569	23	52	1,800	...	...	...	...	...	...	5730-7430	O
		Jefferson Medical College <sup>292</sup>	P. D. Zimkind	68	1,598	15	68	4,927	2	2	2	0	0	6	6000-7000	O
		Pennsylvania	L. B. Greene	18	477	7	14	2,061	1	1	0	0	0	2	5300-6200	O
		Philadelphia General	P. Leberman	21	487	22	50	4,443	2	2	2	0	0	6	7250-7700	O
		Temple University Affiliated Hospitals	...	...	...	...	...	...	2	2	2	0	0	6	...	...
		Temple University	K. B. Conger	23	827	12	50	1,848	...	...	...	...	...	...	5000-6200	P
		Hospital of the Woman's Medical College of Pennsylvania	L. Karafin	10	250	2	50	750	...	...	...	...	...	...	6200-7800	O
		St. Christopher's Hospital for Children	L. Karafin	10	201	0	0	367	...	...	...	...	...	...	5250-6450	O
		Veterans Admin.	M. Bogash	24	569	23	52	1,800	...	...	...	...	...	...	5730-7430	O
<b>Pittsburgh</b>																
		Allegheny General	J. L. Hamilton	22	1,117†	18	28	814	1	1	1	1	0	4	7500-8400	P
		Health Center Hospitals of the University of Pittsburgh	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Presbyterian-University	R. A. Hancock	18	578	12	33	1,130	2	2	2	0	0	6	6000-8000	O
		Mercy	C. C. Altman	23	843	15	40	581	1	1	1	0	0	3	6300-7200	P
		Veterans Admin.	C. A. Kuehn	22	528	13	23	830	1	1	1	1	0	4	5500-7430	O
		Western Pennsylvania <sup>29†</sup>	S. H. Johnson	28	907†	48	33	398	1	1	1	0	0	3	6000-6600	P
<b>PUERTO RICO</b>																
<b>San Juan</b>																
		Municipal Hospital Dr. Rafael Lopez	L. Sanjurjo	...	328	...	...	5,714	2	2	2	0	0	6	5700-6900	P
		Nussa	B. Gonzalez Flores	37	804	3	100	9,123	3	3	3	0	0	9	6300-7500	P
		University District	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>RHODE ISLAND</b>																
<b>Providence</b>																
		Rhode Island	E. K. Landsteiner	25	822	24	21	2,889	1	1	1	0	0	3	7300-9000	P

Numerical and other references are listed on pages 279 through 282.

28. UROLOGY - Continued

	Chief of Service or Program Director	Average Daily Census	Admissions (include Transfers)	Deaths		Outpatient Visits	Residencies Offered 1969-1970					Total All Years	Salary per Year Min.-Max.	Maintenance
				Number	Necropsy Per cent		1st Year	2nd Year	3rd Year	4th Year	5th Year			
<b>SOUTH CAROLINA</b>														
<b>Charleston</b>														
Medical Center Hospitals	K. Lynch	...	...	...	...	...	2	2	2	2	0	8	...	...
Medical College	K. Lynch	11	392†	10	20	2,320	...	...	...	...	...	...	4380-5400	P
Charleston County	K. Lynch	3	25	1	0	...	...	...	...	...	...	...	...	O
Veterans Admin.	F. C. Derrick	...	...	...	...	...	...	...	...	...	...	...	4830-7430	O
<b>TENNESSEE</b>														
<b>Memphis</b>														
University of Tennessee Affiliated Hospitals	A. W. Biggs	...	...	...	...	...	2	2	2	0	0	6	...	...
City of Memphis Hospitals	...	35	594	8	12	9,319	2	2	2	...	...	6	5016-6468	F
Veterans Admin. <sup>322</sup>	...	40	907	20	90	...	...	...	...	...	...	...	7160-9160	O
<b>Nashville</b>														
Vanderbilt University Affiliated Hospitals	R. K. Rhamy	...	...	...	...	...	2	2	2	2	0	8	...	...
Nashville Metropolitan General	...	...	224	7	43	1,974	...	...	...	...	...	...	5100-6300	P
Vanderbilt University	...	45	1,144	14	44	6,475	...	...	...	...	...	...	5100-6300	P
Veterans Admin.	...	27	429	12	76	...	...	...	...	...	...	...	4610-8230	P
<b>TEXAS</b>														
<b>Dallas</b>														
University of Texas Southwestern Medical School Affiliated Hospitals	H. M. Spence	...	...	...	...	...	...	...	...	...	...	6	...	...
Parkland Memorial	H. M. Spence	17	576	12	67	5,170	...	...	...	...	...	...	5160-5820	P
Baylor University Medical Center	H. M. Spence	57	2,904†	25	52	474	...	...	...	...	...	...	6900-6900	O
Veterans Admin.	P. A. Duff	32	623	24	46	3,269	...	...	...	...	...	...	4830-7430	P
<b>Galveston</b>														
University of Texas Medical Branch Hospitals	C. A. Hooks	16	452	5	40	3,171	1	1	1	0	0	3	6000-...	P
<b>Houston</b>														
Baylor University Affiliated Hospitals	R. Scott, Jr.	...	...	...	...	...	4	4	4	4	0	16†	5100-6477	P
Ben Taub General	...	17	485	12	42	6,118	...	...	...	...	...	...	...	...
St. Luke's Episcopal	...	50	2,677	28	54	270	...	...	...	...	...	...	...	...
Texas Children's	...	14	1,207	3	100	269	...	...	...	...	...	...	...	...
Veterans Admin.	...	38	696	14	36	4,305	...	...	...	...	...	...	...	...
Hermann <sup>310</sup>	C. M. Crigler	35	1,968	16	18	3,181	2	2	2	2	0	8	6300-7500	P
<b>UTAH</b>														
<b>Salt Lake City</b>														
University of Utah Affiliated Hospitals	R. G. Weaver	...	...	...	...	...	1	1	1	0	0	3	...	...
University	...	10	533	4	75	2,521	...	...	...	...	...	...	5700-6300	P
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	4830-7430	O
<b>VERMONT</b>														
<b>Burlington</b>														
Medical Center Hospital of Vermont	G. Leadbetter	17	833	5	60	966	0	1	1	1	0	3	7200-8400	O
<b>White River Junction</b>														
Veterans Admin. Center - See Dartmouth Med. School Affil. Hospitals, Hanover, N.H.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>VIRGINIA</b>														
<b>Charlottesville</b>														
University of Virginia <sup>146</sup>	J. Y. Gillenwater	29	909	16	25	8,301	2	2	2	2	0	8	4800-6000	O
<b>Danville</b>														
Memorial	R. R. Landes	35	1,582	30	44	2,500	1	1	1	0	0	3	9000-9000	F
<b>Norfolk</b>														
Norfolk General <sup>19</sup>	P. C. Devine	43	1,628	17	47	953	1	1	1	0	0	3	7200-7800	P
<b>Richmond</b>														
Medical College of Virginia Affiliated Hospitals <sup>68</sup>	...	...	...	...	...	...	3	3	3	0	0	9	...	...
Medical College of Virginia-Hospital Division	G. Prout	31	867	34	32	2,735	...	...	...	...	...	...	5100-6000	P
Veterans Admin.	R. C. Bunts	41	1,124	22	55	2,017	...	...	...	...	...	...	4830-8550	P
<b>WASHINGTON</b>														
<b>Seattle</b>														
University of Washington Affiliated Hospitals <sup>214</sup>	J. S. Ansell	...	...	...	...	...	3	3	3	0	0	9	...	...
King County	...	14	370	3	34	2,303	...	...	...	...	...	...	6500-9000	P
University	...	5	363†	...	...	1,836	...	...	...	...	...	...	6500-9000	P
Veterans Admin.	...	...	...	...	...	...	...	...	...	...	...	...	5500-8460	P
<b>WEST VIRGINIA</b>														
<b>Charleston</b>														
Memorial Hospital-Charleston	D. R. Gilbert	...	...	...	...	...	1	1	1	0	0	3	...	...
General	...	18	701	7	71	280	...	...	...	...	...	...	6000-6900	F
Charleston General	...	8	304	5	60	0	...	...	...	...	...	...	4800-5400	FP
<b>Morgantown</b>														
West Virginia University Medical Center	D. F. Milam	15	436	9	33	1,200	1	1	2	1	0	5†	7000-...	O
<b>WISCONSIN</b>														
<b>Madison</b>														
University of Wisconsin Affiliated Hospitals	J. B. Wear, Jr.	...	...	...	...	...	2	2	2	1	0	7	4600-7150	P
Madison General	...	19	783	11	64	...	...	...	...	...	...	...	4600-7150	P
University Hospitals	...	24	586	12	83	3,164	...	...	...	...	...	...	4600-7150	P
Veterans Admin.	...	36	691	18	100	813	...	...	...	...	...	...	4830-6750	P
<b>Milwaukee</b>														
Marquette University Affiliated Hospitals <sup>39</sup>	N. B. Hodgson	...	...	...	...	...	2	2	2	2	0	8	...	...
Milwaukee County General	...	14	576†	18	55	2,324	...	...	...	...	...	...	5200-7900	P
Veterans Admin. Center (Wood)	...	31	515	18	83	4,659	...	...	...	...	...	...	7200-10600	P

Numerical and other references are listed on pages 279 through 282.



## NUMERICAL AND OTHER REFERENCES

The footnote references and other symbols listed below are intended to provide additional information on approved residencies, as listed in the preceding pages. The footnote number following the listing of a program may indicate the name of the hospital, or hospitals, to which residents are rotated. It is not intended to indicate the reverse relationship—hospitals from which residents are rotated to the listed residency program.

Program directors may request the listing of other hospitals by footnote reference if residents are rotated from the parent hospital to the footnoted hospital for periods of six months to a year on a full-time basis as an integral part of the program. Shorter assignments or part-time assignments are not indicated in this Directory. Longer full-time assignments may be more accurately indicated by indenting the name of the affiliated hospital under that of the parent hospital in the listing of the approved residency.

If a footnote reference in this list does not seem appropriate, the program director of the residency involved should request a change in the listing of his program, submitting an outline of the full-time rotations to the Department of Graduate Medical Education, American Medical Association. Change in the listing of an approved residency generally requires the approval of the appropriate residency review committee, or concurrent action of the specialty board involved and the Council on Medical Education.

\* Indicates number includes appointments made for residents preparing for training in other fields.

† Indicates special training available beyond the period for which program is approved.

‡ Indicates discharges instead of admissions.

ABC (in lists of Anesthesiology Residencies):

A. Research approved by the program director.

B. Training in clinical anesthesia that is more advanced and developed than the usual experience gained during the course of the approved two-year programs.

C. Study in a basic science or a clinical discipline other than anesthesia.

ACF (in lists of Orthopedic Surgery residencies):

A. Adult Orthopedics.

C. Children's Orthopedics.

F. Fractures.

Maintenance Designations:

F Full maintenance including board, room, and laundry or their equivalent without deduction from the stated salary.

P Partial maintenance, including instances in which board, room, and laundry are furnished but for which deductions for one or more of these items are made from the stated salary.

FP Full maintenance furnished to some residents, such as single residents; may also include additional benefits (including additional salary) for those, such as married residents, receiving partial maintenance.

O Resident receives salary only.

... No information furnished as to degree of maintenance provided.

1. Appointments restricted to men only.
2. U. S. Citizenship required.
3. Appointments not available to graduates of foreign medical schools.
4. All clinical and laboratory services and educational programs are supervised by Mount Sinai Hospital, New York City.
5. Coordinated program in anatomic and clinical pathology with Boston Hospital for Women, Children's Hospital Medical Center, New England Deaconess Hospital, Peter Bent Brigham Hospital, and other departments of Harvard Medical School.
6. May include one year of training at Cook County Hospital, Chicago, by special arrangement.
7. May include one year of surgical research at Louisiana State University School of Medicine.
8. Includes fellowships.
9. Includes six months at one of the following: City of Chicago Municipal Tuberculosis Sanitarium or Cook County Hospital, Chicago, Ill.
10. Approved for affiliate training as a part of a fully approved plastic surgery residency program of two or three years duration.
11. Co-ordinated three year program; Peter Bent Brigham Hospital affords 18 months; Veterans Admin. Hospital (West Roxbury), Boston, 18 months. Residents should apply to either hospital.
12. Approved for five years of training.
13. Residents will spend one year at Vanderbilt University Hospital, Nashville, Tennessee.
14. Co-ordinated three year program: St. Vincent Hospital and Medical Center affords two years, Maumee Valley Hospital, one year. Residents should apply to St. Vincent Hospital and Medical Center.
15. First year residents to spend six months at Rochester General Hospital, Northside Division and senior residents to spend six months at Genesee Hospital, Rochester, N. Y.
16. John Wesley County Hospital, Los Angeles; Santa Monica Hospital, Santa Monica, Calif.
17. Residents must complete entire program of three and one-half years.
18. Veterans Admin. Hospital, Grand Junction, Colo.
19. King's Daughters Children's Hospital, Norfolk, Va.
20. Credit limited to six months training.
21. State Hospital Number 2, St. Joseph, Mo.
22. Sutter Community Hospitals, Sacramento, Calif.
23. The academic year will be completed at an institution approved for training in Public Health.
24. University of Texas M.D. Anderson Hospital and Tumor Institute, Houston, Texas.
25. One year of clinical investigation available.
26. The University teaching service at Veterans Administration Hospital consists of only ninety-six beds; in addition, residents rotate to Columbia or Lutheran Hospitals for three months during their second or third year. Residents should apply to Milwaukee County General Hospital.
27. Orange County Medical Center, Orange, Calif.
28. Hartford Hospital, Hartford, Connecticut; Newington Children's Hospital, Newington, Conn.; James Lawrence Kernan Hospital, Baltimore, Md.; Gillette State Hospital for Crippled Children, St. Paul, Minn.
29. The laboratory is affiliated with the Department of Pathology, Harvard Medical School.
30. Grady Memorial Hospital, Atlanta, Ga.
31. Includes six months training during the third year at Bergen Pines County Hospital, Paramus, N. J.
32. Peoria State Hospital, Peoria, Ill.
33. La Rabida Jackson Park Sanitarium, Municipal Contagious Disease Hospital, St. Joseph Hospital, St. Vincent's Infant Hospital, Chicago.
34. Methodist Hospital of Central Illinois and St. Francis Hospital Divisions, Peoria, Ill.; University of Kansas Medical Center, Kansas City, Kansas.
35. Six months rotation in the first year at National Jewish Hospital, Denver.
36. Veterans Admin. Hospital, Livermore, Calif.; Samuel Merritt Hospital, Oakland, Calif.
37. Jewish Hospital of St. Louis, St. Louis, Mo.
38. Charles T. Miller Hospital, St. Paul, Minn.
39. Columbia Hospital, Lutheran Hospital of Milwaukee, Milwaukee Children's Hospital, Milwaukee, Wis.
40. Postmortem part of pathologic anatomy.
41. St. Mary's Hospital, Grand Rapids, Mich.
42. Approved for one year of training in surgical pathology part of anatomic pathology.
43. Medical College of Virginia—Hospital Division, Richmond, Va.
44. Applicants for residency positions should apply to the Department of Internal Medicine of the State University of Iowa College of Medicine.
45. Includes one year of training at University Hospitals, Iowa City.
46. Includes one year affiliated training at Georgetown University Hospital, Washington, D. C.
47. St. Barnabas Hospital for Chronic Diseases, New York City.
48. West Jersey Hospital, Camden, N. J.
49. Mercy Hospital, Durango, Colo.
50. Nebraska Psychiatric Institute, Omaha.
51. Hospital offers a year or more of additional training in the specialty beyond the basic three years required to fulfill the residency requirement of the Board.
52. Harper Hospital, Detroit.
53. First year of training provided at City of Memphis Hospitals, Memphis, Tenn.
54. Combined three year program: Two years afforded at St. Paul-Ramsey Hospital, one year afforded at Charles T. Miller Hospital. Residents should apply to St. Paul-Ramsey Hospital.
55. Approved as a third year of training following two years of residency in a fully approved three year program.
56. John A. Andrew Memorial Hospital, Tuskegee Institute, Ala.
57. Watts Hospital, Durham, N. C.
58. Program offers a year or more of additional training for those residents who wish to qualify for certification under Plan 1 of the American Board of Anesthesiology. This listing does not necessarily indicate that this additional training is approved or disapproved. Applicants should correspond directly with the Chief of the service.
59. Santa Fe Memorial Hospital, Veterans Admin. Hospital, Temple, Tex.
60. Institute for the Crippled and Disabled, St. Barnabas Hospital for Chronic Diseases, Veterans Admin. Hospital (Manhattan), New York City, New York State Rehabilitation Hospital, West Haverstraw, N. Y.
61. Applicants for residency positions should apply to Georgetown University Hospital, Washington, D. C.
62. Children's Hospital of Pittsburgh, Mercy Hospital, Pittsburgh, Pa.
63. Purpose of program is the training of individuals entering careers in public health research. The second year of the residency provides full tuition for attendance at a school of public health for work leading to the M.P.H. degree.

64. Cincinnati General Hospital, Cincinnati, Ohio.
65. Duke University Medical Center, Durham, N. C.
66. Orange County Medical Center, Orange, Calif.
67. Children's Mercy Hospital, St. Luke's Hospital, Kansas City, Mo.
68. Resident is required to serve four years in the program in order to obtain credit for three years of training in Urology.
69. An optional third year of training is offered at Memorial Hospital for Cancer and Allied Diseases—James Ewing Hospital, New York City.
70. St. John's Mercy Hospital, St. Louis, Mo.
71. University Hospitals, Madison, Wis.
72. One year of program to be spent at Washington University and Barnes Hospital Group, St. Louis, Mo.
73. Milwaukee Children's Hospital, Milwaukee, Wis.
74. University of Kansas Medical Center, Kansas City, Kans.
75. Henrietta Eggleston Hospital for Children, Atlanta, Ga.
76. Veterans Admin. Center (Wood), Milwaukee.
77. Children's Hospital, Veterans Admin. Hospital, Washington, D.C.
78. Approved as a first year of a two-year program.
80. Detroit General Hospital, Herman Kiefer Hospital, Detroit.
81. Residents must complete five years of training to receive Board Credit for four years of training.
82. Ohio State University Hospitals, Columbus, Ohio; Veterans Admin. Center, Dayton, Ohio.
83. The program includes a rotation for three months at Central State Griffin Memorial Hospital, Norman, Oklahoma, in the senior year.
84. Mississippi State Sanatorium, Sanatorium, Miss.
85. Applicants for residency positions should apply to the Department of Neurology of the State University of Iowa College of Medicine.
86. Applicants for residency positions should apply to the Department of Surgery of the State University of Iowa College of Medicine.
87. Three months rotation to Children's Hospital and six months rotation to Colorado General Hospital, Denver. Residents must complete entire program of thirty-nine months in order to obtain credit for three years of training.
88. Children's Hospital of Buffalo, Veterans Admin. Hospital, Buffalo, N. Y.
89. St. Louis County Hospital, Clayton, Mo.; University of Missouri Medical Center, Columbia, Mo.; Barnes Hospital Group, Jewish Hospital of St. Louis, St. Louis City Hospital, St. Louis, Mo.
90. Boston City Hospital, Boston; Newton-Wellesley Hospital, Newton Lower Falls, Mass.
91. St. Vincent Charity Hospital, Cleveland.
92. Hospital of the Albert Einstein College of Medicine, New York City.
93. Approved for one year of specialized training in community psychiatry, to be taken as a third year of training following completion of two years of residency in a fully approved three year program.
94. Eastern Pennsylvania Psychiatric Institute, Philadelphia, Pa.
95. Henry R. Landis State Hospital, Philadelphia, Pa.
96. Pittsburgh Hospital, Pittsburgh, Pa.
97. In order to fulfill the requirement of the American Board of Surgery for a year of senior responsibility, residents should complete the entire five year program.
98. University of Alabama Medical Center, Birmingham, Ala.
99. Crippled Children's Hospital, Phoenix, Ariz.
100. Veterans Admin. Hospital, Tucson, Ariz.
101. University Hospital, Little Rock, Ark.
102. Rancho Los Amigos Hospital, Downey, Calif.
103. Samuel Merritt Hospital, Oakland, Calif.
104. Glendale Adventist Hospital, Glendale, Calif.
105. Gaylord Hospital, Wallingford, Conn.
106. Veterans Admin. Hospital, Livermore, Calif.; Mercy Hospital, Sacramento, Calif.; Kaiser Foundation Hospital, San Francisco, Calif.
107. University of Colorado Medical Center, Denver, Colo.
108. Duval Medical Center, Jacksonville, Fla.
109. Children's Hospital of Los Angeles, Los Angeles.
110. Veterans Admin. Hospital, Gainesville, Fla.
111. Veterans Admin. Hospital, Lake City, Fla.
112. Children's Hospital of Los Angeles, U.C.L.A. Hospital, Los Angeles.
113. Children's Hospital of Los Angeles, U.C.L.A. Hospital, Los Angeles; St. John's Hospital, Santa Monica, Calif.
114. Los Angeles County-U.S.C. Medical Center, U.C.L.A. Hospital, Los Angeles; Los Angeles County Harbor General Hospital, Torrance, Calif.
115. Los Angeles County-U.S.C. Medical Center, U.C.L.A. Hospital, Los Angeles.
116. Queen of Angels Hospital, Los Angeles.
117. U.C.L.A. Hospital, Los Angeles.
118. Taborian Hospital, Mound Bayou, Miss.
119. Highland General Hospital, Oakland, Calif.
120. Highland General Hospital, U.S. Naval Hospital, Oakland, Calif.; H.C. Moffitt-University of California Hospitals, San Francisco.
121. Highland General Hospital, Oakland, Calif.; Harkness Community Hospital and Medical Center, St. Mary's Hospital, San Francisco.
122. Olive View Hospital, Olive View, Calif.
123. Kaiser Foundation Hospital, Walnut Creek, Calif.
124. Stanford Convalescent Home, Palo Alto, Calif.; Santa Clara Valley Medical Center, San Jose, Calif.
125. Sacramento County Hospital, Sacramento, Calif.
126. Veterans Admin. Hospital, Palo Alto; Santa Clara Valley Medical Center, San Jose, Calif.
127. University Hospital of San Diego County, San Diego, Calif.
128. H. C. Moffitt-University of California Hospitals, San Francisco.
129. Santa Rosa Medical Center, San Antonio, Tex.
130. Pacific Medical Center-Presbyterian Hospital, San Francisco.
131. St. Luke's Hospital, San Francisco, Calif.
132. George Washington University Hospital, Washington, D.C.
133. Santa Clara Valley Medical Center, San Jose, Calif.
134. Los Angeles County Harbor General Hospital, Torrance, Calif.
135. Children's Hospital, Denver.
136. Children's Hospital, Presbyterian Medical Center, Denver, Colo.
137. St. Luke's Hospital, Denver.
138. U. S. Army Hospital, Fort Carson, Colo.
139. Veterans Admin. Hospital, Grand Junction, Colo.; Weld County General Hospital, Greeley, Colo.
140. University of Connecticut-McCook Hospital, Hartford, Conn.
141. Yale-New Haven Hospital, New Haven, Conn.
142. Yale-New Haven Hospital, New Haven, Conn.; Newington Children's Hospital, Newington, Conn.; Southbury Training School, Southbury Conn.
143. Newington Children's Hospital, Newington, Conn.
144. Veterans Admin. Hospital, Wilmington, Del.; Lankenau Hospital, Pennsylvania Hospital, Philadelphia General Hospital, Philadelphia, Pa.
145. Alfred I. DuPont Institute of the Nemours Foundation, Wilmington, Del.
146. Roanoke Memorial Hospitals, Roanoke, Va.
148. Children's Hospital, Washington, D.C.
149. District of Columbia General Hospital, Washington, D.C.
150. Veterans Admin. Hospital, Washington, D.C.
151. Walter Reed General Hospital, Washington, D.C.; U. S. Naval Hospital, Bethesda, Maryland.
152. Veterans Admin. Hospital, Bay Pines, Fla.
154. Mound Park Hospital, St. Petersburg, Fla.
155. Variety Children's Hospital, Miami, Fla.
156. Emory University Hospital, Veterans Admin. Hospital, Atlanta, Ga.
157. Eugene Talmadge Memorial Hospital, Augusta, Ga.
158. Georgia Warm Springs Foundation, Warm Springs, Ga.; University Hospital (Institute of Physical Medicine and Rehabilitation), Veterans Admin. Hospital (Bronx), New York City.
159. Kapiolani Maternity and Gynecological Hospital, Honolulu, Hawaii.
160. Chicago State Hospital, Chicago.
161. Chicago State Hospital, Salvation Army Booth Memorial Hospital, Chicago.
162. Children's Memorial Hospital, Chicago.
163. Children's Memorial Hospital, Columbus Hospital, Chicago.
164. Children's Memorial Hospital, Hennrot Hospital, Chicago; Community Memorial General Hospital, La Grange, Ill.
165. Massachusetts General Hospital, Boston, Mass.
166. Cook County Hospital, Chicago.
167. Cook County Hospital, Mount Sinai Hospital Medical Center of Chicago, Chicago.
169. City of Chicago Municipal Tuberculosis Sanitarium, Chicago.
170. Illinois Eye and Ear Infirmary, Chicago.
171. Michael Reese Hospital and Medical Center, Mount Sinai Hospital Medical Center of Chicago, University of Illinois Research and Educational Hospitals, Chicago; Veterans Admin. Hospital, Hines, Ill.
172. Mount Sinai Hospital Medical Center of Chicago, University of Illinois Research and Educational Hospitals, Chicago.
173. Northwestern University Medical Center, Chicago.
174. Passavant Memorial Hospital, Chicago.
175. University of Illinois Research and Educational Hospitals, Chicago.
176. Veterans Admin. Hospital (West Side), Chicago.
177. Silver Cross Hospital, Joliet, Ill.
178. Kankakee State Hospital, Kankakee, Ill.; Manteno State Hospital, Manteno, Ill.
179. Veterans Admin. Hospital, Indianapolis.
180. Broadlawn Polk County Hospital, Des Moines, Ia.
181. Iowa Methodist Hospital, Mercy Hospital, Des Moines, Ia.
182. Veterans Admin. Hospital, Iowa City, Ia.
184. Kosair Crippled Children Hospital, Louisville, Ky.; Primary Children's Hospital, Shriners Hospital for Crippled Children, Salt Lake City, Utah.
185. Lafayette Charity Hospital, Lafayette, La.; Lake Charles Charity Hospital, Lake Charles, La.
186. E. A. Conway Memorial Hospital, Monroe, La.
187. E. A. Conway Memorial Hospital, Monroe, La.; Huey P. Long Charity Hospital, Pineville, La.
188. Charity Hospital of Louisiana, New Orleans.
189. Charity Hospital of Louisiana (Tulane University Division), New Orleans.
190. Baltimore City Hospitals, Baltimore, Md.
191. Baltimore City Hospitals, Children's Hospital, Baltimore, Md.
192. Baltimore City Hospitals, Veterans Admin. Hospital, Baltimore, Md.
193. United Hospitals of Newark-Hospital for Crippled Children, Newark, N. J.
194. Johns Hopkins Hospital, Baltimore, Md.
195. Johns Hopkins Hospital, University Hospital, Baltimore, Md.
196. Maryland General Hospital, Baltimore.
197. University Hospital, Baltimore, Md.
198. Maryland General Hospital, Veterans Admin. Hospital, Baltimore.
199. Veterans Admin. Hospital, Baltimore, Md.
200. New England Baptist Hospital, Boston.
201. Boston Hospital for Women, Children's Hospital Medical Center, Boston.
202. Children's Hospital Medical Center, Boston.
203. Children's Hospital Medical Center, New England Medical Center Hospitals, Boston, Mass.; Providence Lying-in Hospital, Providence, R. I.
204. Children's Hospital Medical Center, Boston; Burbank Hospital, Fitchburg, Mass.
205. Sinai Hospital of Baltimore, Baltimore.
206. Lahey Clinic, Boston, Mass.
207. New England Medical Center Hospitals, Boston, Mass.
208. Veterans Admin. Hospital (West Roxbury), Boston; Cambridge City Hospital, Cambridge, Mass.
209. Hunterdon Medical Center, Flemington, N.J.; Hospital for Joint Diseases and Medical Center, New York City.
210. Illinois Eye and Ear Infirmary, Veterans Admin. Hospital (West Side), Chicago.
212. University Hospital, Ann Arbor, Mich.
213. Jefferson Medical College Hospital, Philadelphia, Pa.
214. Detroit General Hospital, Detroit.
215. University of Minnesota Hospital, Minneapolis, Minn.
216. Hennepin County General Hospital, Minneapolis, Minn.; St. Paul-Ramsey Hospital, St. Paul, Minn.
217. Goldwater Memorial Hospital, Veterans Admin. Hospital (Manhattan), New York City.
218. Roswell Park Memorial Institute, Buffalo, N.Y.; Genesee Hospital, Rochester, N.Y.
219. Veterans Admin. Hospital, Minneapolis.
222. Ellis Fischel State Cancer Hospital, Columbia, Mo.
223. Children's Mercy Hospital, Kansas City, Mo.
224. Barnes Hospital Group, St. Louis.
225. St. Louis City Hospital, St. Louis.

226. St. Louis University Group of Hospitals, St. Louis.
227. Veterans Admin. Hospital, East Orange, N.J.
228. Hackensack Hospital, Hackensack, N.J.; Babies Hospital, Newark, N.J.
229. Margaret Hague Maternity Hospital, Jersey City, N.J.
230. Margaret Hague Maternity Hospital, Jersey City, N.J.; St. Barnabas Hospital for Chronic Diseases, New York City.
231. Orange Memorial Hospital, Camden, N.J.
232. Cooper Hospital, Camden, N.J.
233. Carrie Tingley Crippled Children's Hospital, Truth or Consequences, N.M.
234. Albany Medical Center Hospital, Albany, N.Y.
235. Buffalo General Hospital, Buffalo, N.Y.
236. Buffalo General Hospital, Children's Hospital of Buffalo, Edward J. Meyer Memorial Hospital, Buffalo, N.Y.
237. Roswell Park Memorial Institute, Buffalo, N.Y.
238. Veterans Admin. Hospital, Castle Point, N.Y.
239. Meadowbrook Hospital, East Meadow, N.Y.
240. Kings Park State Hospital, Kings Park, N.Y.; St. Barnabas Hospital for Chronic Diseases, New York City.
241. Veterans Admin. Hospital, Montrose, N.Y.; Bellevue Hospital Center, New York City.
242. Long Island Jewish Hospital, New Hyde Park, N.Y.
243. Long Island Jewish Hospital, New Hyde Park, N.Y.; Long Island College Hospital, New York City.
245. Bellevue Hospital Center, New York City.
246. Bellevue Hospital Center or University Hospital, New York City.
247. Bronx Municipal Hospital Center, New York City.
248. Brooklyn Eye and Ear Hospital, Long Island College Hospital, New York City.
249. Hahnemann Medical College and Hospital, Philadelphia, Pa.
250. Flower and Fifth Avenue Hospitals, New York City.
251. Maimonides Medical Center, New York City.
252. Francis Delafield Hospital, New York City.
253. Mount Sinai Hospital, New York City.
254. Francis Delafield Hospital, Presbyterian Hospital, New York City.
255. Harlem Hospital Center, New York City.
256. City Hospital Center at Elmhurst, Jewish Hospital and Medical Center of Brooklyn, Veterans Admin. Hospital (Manhattan), New York City.
257. Kings County Hospital Center, New York City.
258. Henrietta Eggleston Hospital for Children, Atlanta, Ga.
260. Long Island College Hospital, New York City.
261. Memorial Hospital for Cancer and Allied Diseases-James Ewing Hospital, New York City.
262. Metropolitan Hospital, New York City.
263. Metropolitan Hospital, Montefiore Hospital and Medical Center, New York City.
264. Montefiore Hospital and Medical Center, New York City.
265. Montefiore Hospital and Medical Center, Morrisania City Hospital, New York City.
266. New York University-Bellevue Medical Center, New York City.
267. Presbyterian Hospital, New York City.
268. Presbyterian (Babies) Hospital, New York City.
269. Queen's Hospital Center (Jamaica), New York City.
270. Veterans Admin. Hospital (Bronx), New York City.
271. New York Medical College-Metropolitan Hospital Center, New York City.
272. Genesee Hospital, Highland Hospital of Rochester, Rochester, N. Y.
273. Veterans Admin. Hospital, Batavia, N. Y.; Genesee Hospital, Highland Hospital of Rochester, Rochester General Hospital, St. Mary's Hospital, Rochester, N. Y.; Willard State Hospital, Willard, N. Y.
274. Children's Hospital of Akron, Akron, Ohio.
275. Hahnemann Medical College and Hospital, St. Christopher's Hospital for Children, Philadelphia, Pa.
276. Children's Hospital, Cincinnati.
277. Longview State Hospital, Cincinnati.
278. Cleveland Clinic Hospital, Cleveland, Ohio.
279. Mount Sinai Hospital of Cleveland, Cleveland.
280. Cleveland State Hospital, Cleveland.
281. Lutheran Hospital, Cleveland.
282. University Hospitals of Cleveland, Cleveland.
283. Veterans Admin. Hospital, Cleveland.
284. Children's Hospital, Columbus, Ohio.
285. Children's Hospital, Columbus, Ohio; St. Elizabeth Hospital, Dayton, Ohio.
286. Ohio State University Hospitals, Columbus, Ohio.
287. Ohio State University Hospitals, Columbus, Ohio, or Miami Valley Hospital, Dayton, Ohio.
288. University of Oklahoma Hospitals, Oklahoma City, Okla.; Vanderbilt University Hospital, Nashville, Tenn.
289. Children's Hospital of Pittsburgh, Mercy Hospital, Pittsburgh, Pa.
290. Hahnemann Medical College and Hospital, Jefferson Medical College Hospital, Philadelphia, Pa.
291. Oregon State Hospital, Salem, Oregon.
292. Children's Hospital of Philadelphia, Philadelphia.
293. Graduate Hospital of the University of Pennsylvania, Philadelphia.
294. Jefferson Medical College Hospital, Philadelphia.
295. Philadelphia General Hospital, Philadelphia.
296. Wills Eye Hospital and Research Institute, Philadelphia.
297. Children's Hospital of Pittsburgh, Pittsburgh.
298. C. Howard Marcy State Hospital, Pittsburgh.
299. Municipal Hospital Dr. Rafael Lopez Nussa, San Juan, P.R.
300. University District Hospital, San Juan, P.R.
301. Rhode Island Hospital, Providence, R.I.
302. City of Memphis Hospitals, Memphis, Tenn.
303. University of Tennessee Affiliated Hospitals, Memphis, Tenn.
304. Nashville Metropolitan General Hospital, Veterans Admin. Hospital, Nashville, Tenn.
305. Children's Medical Center, Dallas, Tex.; John Peter Smith Hospital, Fort Worth, Tex.
306. Children's Medical Center, Parkland Memorial Hospital, Dallas, Tex.
307. Children's Medical Center, Dallas, Tex.
308. Ben Taub General Hospital, Houston, Tex.
309. St. Joseph Hospital, Houston, Tex.
310. St. Joseph Hospital, University of Texas M.D. Anderson Hospital and Tumor Institute, Houston, Tex.
311. University of Texas M.D. Anderson Hospital and Tumor Institute, Houston, Tex.
312. Veterans Admin. Center, Temple, Tex.
313. Hospital of the University of Pennsylvania, Philadelphia, Pa.
314. U.S. Public Health Service Hospital, Seattle, Wash.
315. Children's Orthopedic Hospital and Medical Center, Seattle, Wash.
316. Children's Orthopedic Hospital and Medical Center, Swedish Hospital Medical Center, Seattle, Wash.
317. Southern Nevada Memorial Hospital, Las Vegas, Nev.
318. Firland Sanatorium, U.S. Public Health Service Hospital, Seattle, Wash.
319. Children's Hospital Medical Center of Northern Calif., Oakland, Calif.
320. Rainier State School, U.S. Public Health Service Hospital, Seattle, Wash.
321. Milwaukee County General Hospital, Milwaukee, Wis.
322. Baptist Memorial Hospital, Memphis, Tenn.
323. Full five years must be completed before the resident is eligible for Board examination.
324. Magee-Womens Hospital, Pittsburgh, Pa.
325. Lynn Hospital, Lynn, Mass.; Salem Hospital, Salem, Mass.; Middlesex County Sanatorium, Waltham, Mass.
326. Mount Wilson State Hospital, Mount Wilson, Md.; Peninsula General Hospital, Salisbury, Md.
327. Roanoke Memorial Hospitals, Roanoke, Va.; Veterans Admin. Hospital, Salem, Va.



# Essentials of Approved Residencies\*

## INTRODUCTION

Residencies in the clinical divisions of medicine, surgery, and other special fields provide advanced training in preparation for the practice of a specialty. Approval for residency training in the clinical specialties is limited to programs conducted in general or special hospitals. However, the term residency training is also applied to certain non-clinical programs in graduate medical education which may be conducted in organized medical facilities outside of a hospital.

It is desirable, for the purpose of clarification, to differentiate between two terms commonly used in referring to higher medical education. Graduate training, as used in these Essentials, refers to the various recognized plans of training which lead to qualification in a specialty. Postgraduate training in contrast, refers to formally organized shorter courses, offered by medical schools, hospitals, clinics and medical organizations which provide advanced instruction in a limited field, primarily designed for physicians in practice. Residencies in the following branches of medicine are approved by the Council.

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|------------------------------|--|
| 1. Anesthesiology            | 15. Physical Medicine and Rehabilitation |
| 2. Colon and Rectal Surgery  | 16. Plastic Surgery                      |
| 3. Dermatology               | 17. Preventive Medicine                  |
| 4. General Practice          | General Preventive Medicine              |
| 5. General Surgery           | Aerospace Medicine                       |
| 6. Internal Medicine         | Occupational Medicine                    |
| 7. Neurological Surgery      | Public Health                            |
| 8. Neurology                 | 18. Psychiatry and Neurology             |
| 9. Obstetrics and Gynecology | Child Psychiatry <sup>2</sup>            |
| 10. Ophthalmology            | 19. Radiology                            |
| 11. Orthopedic Surgery       | Diagnostic Radiology                     |
| 12. Otolaryngology           | Therapeutic Radiology                    |
| 13. Pathology                | 20. Thoracic Surgery <sup>3</sup>        |
| 14. Pediatrics               | 21. Urology                              |
| Allergy <sup>1</sup>         |  |
| Cardiology <sup>1</sup>      |  |

It is recognized that while some hospitals may be unable to meet the educational standards for graduate training in the specialties, as set forth in the Essentials, they may be able to offer experience of value to young physicians. These hospitals may well consider the appointment of paid house physicians to assist in conducting the professional work of the hospital. Experience of this type does not ordinarily carry credit towards certification in the specialties or towards qualification for membership in special societies.

\*Previous versions of this publication were given the caption "Approved Residencies and Fellowships." Because of the multiple meanings of Fellowship, this part of the caption has been deleted. There is no accompanying intent to change the Council's relationship to programs identified by the sponsoring institution under this term.

1. Candidates may be certified by either the American Board of Internal Medicine or by the American Board of Pediatrics; applicants must fulfill the certification requirements of the board concerned before they are eligible for examination in the subspecialty.

2. In most instances, candidates must be certified in psychiatry by the American Board of Psychiatry and Neurology before they are eligible for certification in the subspecialty.

3. Candidates must fulfill the certification requirements of the American Board of Surgery before they are eligible for examination by the Board of Thoracic Surgery.

## I. GENERAL REQUIREMENTS

Hospitals conducting or applying for approved residency programs should be accredited by the Joint Commission on Accreditation of Hospitals.

This implies that the hospital must be properly organized, staffed, and equipped and that its activities are conducted primarily for the welfare of the patient. While the educational program is supplementary to the primary purpose of the hospital, *i. e.*, the care and management of patients, it is directly related to this function in that it serves to improve the quality of medical care offered.

*Size and Type.*—The size of the institution is not a primary consideration. The clinical material, however, should be of sufficient scope and diversity to enable residents to observe the principal manifestations of the disease conditions, in the understanding and management of which they are acquiring additional experience. The number of service or ward beds, rather than the total bed capacity, is of significance in this connection. In hospitals admitting principally private patients, the availability of these patients for teaching purposes is an essential consideration.

Official approval is extended to general and special hospitals offering acceptable programs in the various specialty fields. Programs conducted in hospitals associated with medical schools are ordinarily of three or more years in duration and offer special facilities for progressively graded, comprehensive training. A number of hospitals not directly affiliated with medical schools, have organized programs of graduate training which comply with all the requirements of the Essentials of Approved Residencies. Some of these hospitals, utilizing their own facilities to the fullest extent, have developed acceptable, fully approved programs. Other hospitals of this type, have supplemented their educational program through affiliation with medical and graduate schools, or with other hospitals which are able to augment the resident's training in those phases which might otherwise be considered deficient. The rotation of residents from an approved hospital to an affiliated institution which is able to provide experience lacking to the parent hospital is often desirable, when properly supervised.

*Plant and Equipment.*—The physical plant should be adequately constructed and planned to assure proper medical and hospital care as well as safety and comfort for the patient. Equipment, appliances, and apparatus such as are commonly employed in the practice of modern, scientific medicine, should be available. In those departments in which residencies are being offered, space and equipment should be made available for the use of the resident staff in addition to that ordinarily required by the service.

### 1. STAFF

The teaching staff should be composed of ethical licensed physicians holding the degree of doctor of medicine from medical schools acceptable to the Council on Medical Education of the American Medical Association. A well organized and well qualified staff is one of the most important requisites in a hospital assuming responsibility for residency training. It may well be the determining factor in the development and approval of a graduate training program. There should be an educational committee of the staff which is responsible for the organization of the residency program, for the supervision and direction of the residency program, and for correlating the activities of the resident staff in various depart-

ments of the hospital. The committee might well include the pathologist, the radiologist, and other department heads who, because of the inherent relationship of the departmental work will be called on to assist in the training program.

The particular specialties in which residents are being trained should be represented in the staff by well qualified, experienced, and proficient physicians, whether or not they hold membership in special societies and colleges or are certified in their specialty. Adequate organization of the medical staff presupposes careful selection of the head of the department and of the chiefs of the various services. In addition to their qualifications in the specialty, they should have high professional standing, and possess the attributes of the teacher. Being responsible for the training of residents, they should be chosen on the basis of ability, aptitude, and interest.

Members of the attending staff should be assigned by the department head to specific responsibility as far as the work of the services is concerned. The service of each attending physician should include an adequate number of patients and extend over a sufficient period to elicit his full interest and attention while on service. On the other hand the service should not be so large as to be a burden to the attending staff and thus result in reduced attention to the educational program. In all instances, it is imperative that the head of the department be available to assume full responsibility for supervision of the work of the department.

The staff must hold an adequate number of regularly scheduled clinical pathological conferences and other staff conferences, in addition to meetings of the staff at which the histories, clinical observations, laboratory studies, and pathology of selected cases are reviewed. Scientific meetings at which papers are presented by members of the staff or guest speakers are considered commendable but do not serve to meet the requirements of these scheduled conferences. In addition to meetings of the staff as a whole, it is expected that departmental conferences will be conducted in which residents should take an active part, so that the quality of the service given by that department to its patients may be recurrently evaluated. Other educational activities requiring the full support and cooperation of the staff are described under Training Program, and Applied Basic Sciences (Section 1-7, 1-9) and under Special Requirements (Section VI).

## 2. DEPARTMENT OF RADIOLOGY

The department of radiology should be under the direction of a qualified radiologist proficient in the various functions of his specialty. He must cooperate fully in the training of all hospital residents and supervise any direct contact which they may have with the work of the department. This supervision, if not full time, necessitates at least daily visits to the hospital during which the radiologist is expected to be available for consultation with the resident staff in addition to supervising the work of the department.

The department should contain modern roentgenographic, roentgenoscopic, and where indicated, therapeutic equipment and radium adequate for the needs of the hospital. The department should be properly organized to carry out its functions in an effective manner. It should keep adequately indexed records, including cross indices, to assure efficient operation and to facilitate investigative work. These requirements are essential in institutions offering residency programs in any field.

## 3. DEPARTMENT OF PATHOLOGY

The department of pathology should be under the direction of a qualified pathologist who shall be prepared to cooperate fully in the training of all hospital residents and supervise any direct contact they may have with the laboratory. There should be continuous supervision of the laboratory by the pathologist who, preferably, should have no re-

sponsibilities outside the hospital that would prevent his being available for consultation and for guidance of the resident's work.

The department should provide adequate space and equipment for the resident's use in addition to that required for the proper functioning of the service. Apparatus, reagents, and materials necessary for the operation of a modern clinical and pathological laboratory should be available. The department should be organized to provide a high quality of service for the clinical departments and to permit of its active participation in the educational program. An efficient system of records including cross indices should be maintained, to assure proper functioning of the laboratory and to facilitate investigative work. This department should assume much of the responsibility for the clinical pathological conferences and other educational activities of the staff.

The facilities of the autopsy room should be ample enough to permit participation by the resident staff. Thoroughness in postmortem examination should be emphasized. Complete necropsy records should be kept on file and each should contain a summary of the clinical record and detailed description of both the gross and the microscopic observations. Residents of all departments should attend postmortem examinations unless other important duties prevent. They may, with value, participate in the performance of necropsies, including the preparation of the protocol, and in the review of microscopic findings on materials derived from their own and other services.

It is expected that hospitals assuming responsibility for resident training will maintain a high autopsy rate. It is felt that the autopsy rate is a reliable gauge of the staff's interest in scientific advancement. (A description of the special requirements for an approved residency in pathology is given in Section VI).

## 4. MEDICAL LIBRARY

Institutions offering approved residencies should maintain an adequate medical library containing carefully selected, authoritative medical textbooks and monographs of the latest edition of the *Index Medicus*, and current medical journals in the various branches of medicine and surgery in which training is being conducted.

The medical library should be in the charge of a qualified person who should act not only as custodian of its contents, but also arrange for the necessary cataloguing and indexing which will facilitate reference work by the resident and attending staff. A permanent committee of the medical staff should be responsible for the organization and development of this department.

The medical library should be readily accessible to the resident staff, located if practicable, within the main building of the hospital. Its size may depend to some extent on the availability and the use which can be made of other library facilities in nearby institutions. Every hospital conducting graduate training must have, however, a basic collection of medical texts and journals available for ready reference, whether or not accessory facilities are available.

## 5. MEDICAL RECORDS DEPARTMENT

The record department should be adequately supervised, preferably by a qualified medical record librarian. An efficient record system should be maintained, including alphabetical and diagnostic patient indices. Operative reports, roentgenological, and pathological records should be properly classified, permitting a ready reference. The employment of the Standard Nomenclature of Diseases and Operations is recommended for all medical records, although Current Medical Terminology may provide an additional useful tool in the management and utilization of clinical records. For coding or indexing, either the Standard Nomenclature of Diseases and Operations (SNDO) or the International Classification of Diseases, Adapted for Indexing Hospital Records by Diseases

and Operations (ICDA) may be used.

Clinical records must be complete and include the patient's chief complaint, case history, physical examination on admission, a provisional diagnosis, record of laboratory examinations, therapy employed, descriptions of operations if performed, adequate progress notes, consultation remarks, a final diagnosis, condition on discharge, necropsy observations in case of death if postmortem examination is performed, and an appropriate summary. The records should show by signatures or at least initials, the names of all physicians writing the record in whole or part, as well as the names of the staff members by whom the records are verified. Each completed record should be verified by a responsible staff member.

In a hospital assuming responsibility for graduate training, it is expected that the clinical records be sufficiently comprehensive to permit of their use for teaching purposes. While responsibility for the preparation of parts of the record, such as the admission work-up, may be delegated to the intern or resident assigned to the case, the ultimate responsibility for the completed record lies with the staff member in charge.

There should be a records committee of the staff which will meet periodically with the record librarian to review the clinical charts and report their findings. This committee may be empowered to make recommendations concerning the disciplinary measures necessary to assure the maintenance of adequate clinical records on a current basis. Satisfactory records can be maintained only through the continuous and cooperative efforts of the staff, the medical records department, and the hospital administration.

#### 6. SELECTION OF RESIDENTS

The development of a satisfactory program requires, first of all, a careful selection of applicants for appointment to the resident staff. The hospital administration and medical staff, through appropriate review of credentials, should ascertain that the personal and medical qualifications of applicants selected for residency positions are satisfactory. There should be confidence that the residents appointed have the high standards of integrity, motivation, industry, resourcefulness, health, and basic medical knowledge necessary to take full advantage of the further educational experience offered. This should include assignment of carefully graded and progressive responsibility for patient care. The qualifications of the resident staff should leave no doubt as to their competence to accept this assignment, since the primary obligation of the hospital must be for the patients' welfare.

For those applicants who have had their prior medical training in the United States or Canada, evaluation of qualifications is usually not difficult. Personality characteristics can be assessed through interview, letters of recommendation, and communication with the hospital where internship was served, and the dean's office of the medical school. The medical school accreditation and internship review programs of the Council on Medical Education of the American Medical Association renders reasonable assurance in regard to medical qualifications which can be augmented through communication with the hospital and school concerned. Such candidates for appointment should be graduates of approved schools and should have served an internship of at least one year in an approved hospital. (See pertinent sections under Special Requirements.)

Since similar sources and kinds of information have not been readily available for graduates of foreign medical schools, the Educational Council for Foreign Medical Graduates, 3930 Chestnut St., Philadelphia, Pa., has been established to provide as comparable knowledge of qualifications as possible. The Council recommends that hospitals considering foreign medical school graduates for residency positions acquire reasonable assurance in regard to their medical qualifications through utilization of the program of the Educational Council. Before appointment of such a candidate to a

residency position, the hospital should assure itself that he has had the equivalent of a year's approved internship. If the foreign graduate has served an approved internship in this country and has already been certified by the Educational Council, there is nothing to be gained by repeating the process.

[Beyond July 1, 1961, no hospital should expect to maintain an approved internship or residency program unless its appointees who are graduates of foreign medical schools either:

1. Have a full and unrestricted state license to practice, or
2. Have secured a standard certificate from ECFMG.

After July 1, 1961, the Council will recommend to the Internship and Residency Review Committees the disapproval of those training programs whose rosters contain graduates of foreign medical schools who do not satisfy requirement 1 or 2 above.

Even though a foreign medical graduate may possess a full and unrestricted state license, ECFMG certification may be necessary if he expects to be licensed in another state by reciprocity or endorsement; furthermore, such certification may be necessary as a requirement for qualification for specialty certification by the majority of American specialty boards.]

#### 7. TRAINING PROGRAM

*Duration.*—Graduate training in the various branches of medicine should be of sufficient duration and educational content to enable the resident on completion of his training, to begin the practice of his specialty in a scientific manner. With the exception of a few specialties, e.g., pediatrics, a fully organized, comprehensive program should include three or more years of formal residency training. Not all hospitals, however, are able to develop programs of this type. A given approved residency may not provide complete training in a specialty field but if properly organized can make a substantial contribution to the resident's advanced training. It is desirable that hospitals, which cannot, for one reason or another, develop a fully approved program, integrate their training plan with that of other approved hospitals to assure the resident of the opportunity of completing his training, during which he is given progressively graded responsibility.

*Supervision.*—The educational effectiveness of a residency depends largely on the quality of its supervision and organization. The responsibility for these important functions lies with the department heads and a representative committee of the medical staff. Heads of departments should be responsible for their own services, the committee assuming a larger role in directing and correlating the various aspects of the educational program. The department head should have qualifications and breadth of experience which will enable him to carry out an effective training program. Those members of the attending staff who assist in supervising the resident's work should also have had acceptable training in the specialty and should demonstrate an interest and ability in teaching. In some hospitals, where the number of men on the staff who have had advanced training in the specialty is limited, it may be desirable to assign responsibility for the supervision of the training program to physicians recognized in their field, on a consulting basis. In such instance, it is expected that the consultant assuming this responsibility will devote sufficient time to the residency program to assure the close and continuing supervision of all phases of the resident's work.

*Resident Responsibility.*—Aside from the daily contact with patients and the attending staff, and participation in the organized educational program, the assumption of responsibility is a most important aspect of residency training. Accordingly, as ability is demonstrated, an increasing amount of reliance should be placed in the judgment of residents in diagnosis and in treatment, as well as in the teaching of interns and medical students. In surgery and the surgical

specialties, the resident should be given ample opportunity to perform major surgical procedures under supervision, particularly in the later stages of his training, in order that he may acquire surgical skill and judgment.

*Methods of Instruction.*—It is important that methods of instruction be employed in the training program which are best suited to the special field. Emphasis should be placed on personal instruction at the bedside, in the operating room and in the delivery room, on related laboratory studies, teaching rounds, departmental conferences or seminars, clinical-pathological conferences, demonstrations and lectures.

Clinical-pathological conferences should be held preferably each week for the general staff, or, in larger hospitals it may be advisable to arrange separate meetings for each of several departments in order that all of the available material may be presented properly. The program should include the demonstration of pathological material from the operating room and from autopsies. The amount of material to be reviewed will usually require a weekly meeting and permit the more extensive use of the fresh and frozen specimens which are preferred to fixed specimens for demonstration and study. Details of the program and its manner of presentation may vary but the following procedure represents the plan followed in many hospitals:

- a. Presentation of abstract reports of selected cases.
- b. Demonstration of gross and microscopic pathology.
- c. Correlation of clinical and pathological findings.
- d. Comparison of reports with the literature.
- e. Summary of findings and conclusions.

The success of the clinical-pathological conference lies chiefly in the ability of the pathologist to teach and to interpret pathological lesions in terms of clinical manifestations of the disease.

A record of all conferences of the medical staff should be kept by every hospital for both current and future reference.

*Journal Club.*—Familiarity with and critical analysis of pertinent medical literature is an important feature of medical training. The journal club or seminar is an excellent means of stimulating interest in scientific literature. In smaller hospitals, it may be conducted as a joint activity of several departments. Particularly in larger hospitals where the number of residents justify, separate meetings of this type for each service is considered advantageous. There are several methods of conducting a successful journal club. Each member of the resident staff can be requested to make a comprehensive review of the important articles contained in one or more current medical journals, reporting regularly at these meetings. The plan may be supplemented by assignment of a specific subject or disease entity to one or more of the participants for a complete review of the related past and current literature. Other plans for stimulating study of this nature may be arranged in conjunction with medical staff conferences, or through clinical research pertaining to problems under discussion, or in connection with patients under treatment in the hospital. A successful journal club will prove stimulating not only to the resident staff, but to the attending staff as well.

*Resident Assignments. Hospital Service.*—The resident staff should be assigned to a sufficient number and variety of hospital patients to assure a broad training and experience. However, hospital duties should not be so extensive as to prevent giving ample time for other important phases of the training program. The completeness of the preliminary study of all patients, necessary in arriving at a correct diagnosis, should be emphasized. The variety of the pathological conditions encountered are also of primary importance.

*Outpatient Department.*—The importance of the outpatient department and its role in the training of the resident staff should be emphasized. Here there is opportunity for acquiring further knowledge and experience, particularly in differential diagnosis and follow-up observation. Study of end results in

patients operated upon is of primary importance. The resident staff should have a definite assignment to the scheduled clinics. They should be required either to attend all clinics of the hospital service to which they are assigned or, to devote full or part time to a series of clinics during a certain period of their training. The former plan is considered more satisfactory because it provides a longer contact with the same patients, including the periods before and after hospitalization. Other activities should not be allowed to conflict with the work of the resident staff in the outpatient department.

The major responsibilities of carrying on outpatient department work should not be given over entirely to the resident staff. The educational value of work in the outpatient department is largely dependent on the amount of interest displayed by heads of departments and high ranking members of the attending staff. In any acceptable plan of graduate training, they should be in regular attendance at the diagnostic and follow-up clinics for supervision and instruction of the assigned personnel working under their direction.

*Emergency Service.*—All hospitals are called on to care for a certain number of patients who present themselves for treatment in case of accidents or other emergencies. The service may vary from a few patients seen in emergency in the outpatient department to the extensive and well organized accident wards which care for traumatic cases in connection with the ambulance services of large hospitals. Regardless of the size of the service, advantage should be taken of this opportunity for the resident staff to obtain experience in the care of these types of cases. Being available in the hospital at all times, they may be called on to take the initiative in making differential diagnosis, rendering first aid treatment, and assuming the major responsibility for the immediate care of a variety of traumatic conditions. They must also decide when patients should be admitted to the hospital. Under proper supervision of the attending staff, assignment to the emergency service is a valuable experience for the residents.

*Operating Room Assignment.*—In surgery and the surgical specialties, work in the operating room constitutes an important part of the resident's responsibility. During the course of his training, the resident should be given sufficient operating responsibility to acquire surgical skill and judgment. This experience should be progressively graded to the end that, on completion of his training, the resident is able to assume individual responsibility for major surgical procedures. A more detailed discussion of this phase of the resident's training is found under the appropriate sections of the specialties concerned.

*Teaching and Investigation.*—Residents should be assigned to teaching responsibilities as their experience increases. The stimulating teacher-student relationship should be part of the resident's experience, not only as a student of the attending physician, but as a teacher of interns and nurses and, in hospitals affiliated with medical schools, of junior and senior medical students.

When the facilities of an institution permit, and when the residents are competent and interested, they should be encouraged to engage in investigative work. Such investigation may take the form of research in the hospital laboratories or wards, comprehensive summaries of medical literature, or the preparation of statistical analyses based on clinical case records. The interests of the various members of the resident staff should be carefully considered when arranging assignments to this activity, inasmuch as ability and desire to do this type of work differ widely. Intelligent direction and supervision should be provided in selecting the project to be undertaken and in its development. It is realized that only an occasional individual will make contributions or discoveries of lasting value to the medical profession. However, those who undertake and pursue a research problem receive a stimulus which can be obtained in no other way. An under-

standing of the methods and problems involved in research leads to a better interpretation of the great mass of current scientific literature which must be constantly reviewed by the progressive physician or surgeon.

When feasible each member of the resident staff, either individually or in collaboration with other members of the department, should be encouraged to prepare a formal paper suitable for publication.

It is not essential, or even desirable, that all hospital residencies should adopt exactly the same program, or that they should offer a rigidly uniform sequence of experience. It is essential, however, that all hospitals participating in graduate training should be able to meet the fundamental essential requirements for an approved program and either alone or in collaboration should attain comparable results in the quality of training and amount of experience obtained.

#### 8. COLLABORATING AND AFFILIATING PROGRAMS

Some hospitals that have excellent facilities and clinical material for the greater part of an approved training program may be deficient in some particular phase of the work that can be well provided in another hospital of graduate training caliber. In such instances the hospital which has the greater part of the required clinical material and facilities may become the parent institution and collaborate with the second institution to provide a well rounded and complete program of training in a given specialty.

In other instances, especially on university connected services, the chief of an approved service may elect to augment the opportunity afforded his trainees for clinical experience by rotating them to a smaller affiliated institution for short periods of service. Such short-term services need not be independently approved. However, their contribution to the resident's training is taken into consideration and recognized when evaluating the over-all program of which it is a part. The departmental staff of the parent institution sponsoring the program must assume responsibility for the resident's training during the period he is assigned to the affiliating service, as well as when he is serving at the parent hospital. Under arrangements of this nature, it is not intended that the resident be assigned to affiliating services without supervision even though he may obtain extensive experience in this way. The resident's work must be properly supervised at all stages of his training. In general, affiliated services should not constitute more than a third of the training period. Hospitals which can offer satisfactory training for more than this period can probably develop acceptable programs of their own.

#### 9. BASIC SCIENCE TRAINING

Competence in any of the various specialties in clinical medicine requires a knowledge of the basic medical sciences as related to that specialty. Therefore, acceptable residency programs must provide for training in the applied basic medical sciences. Such training does not necessitate formal course work, specific assigned laboratory exercises, or affiliation of the residency hospital with a medical school; it should be distinctly of an applied nature, closely integrated with the clinical experience of the resident.

Any resident seeking competence or certification in a specialty must be able to apply at least the following basic sciences to his special field of medicine: anatomy, bacteriology, biochemistry, pathology, pharmacology, and physiology.

Undergraduate education in an approved medical school provides a background for an understanding of these sciences. In a graduate training program, therefore, training in basic sciences should stress reviews of their clinical application and not constitute primarily a review of undergraduate work.

*Anatomy.*—Anatomy at the residency level may be taught, reviewed or learned from the living body, on the operating or examining table, or from the fresh tissues in the path-

ological laboratory. More important in anatomical instruction of residents than an available anatomical laboratory is the attitude and enthusiasm of the hospital staff in availing themselves of opportunities to teach and learn applied gross and microscopic anatomy from clinical and pathological material. Opportunities for anatomical dissection, when available, may be utilized for supplementary training.

*Bacteriology.*—Hospital laboratories should have adequate facilities and personnel qualified to carry out diagnostic bacteriological studies, and those in the allied fields of parasitology, mycology, immunology, and serology. The resident staff should make use of the educational opportunity provided through the study of bacteriological material from the hospital services, correlating the laboratory study with its clinical application. Members of the resident staff who exhibit a particular interest in this field might well be assigned to the department for additional investigative work.

*Biochemistry.*—The hospital biochemistry laboratory should provide the resident with opportunities to broaden his knowledge of biochemistry as related to such clinical problems as he may encounter in his specialty; for example, water balance, acid-base equilibrium, glucose tolerance, and blood or urine levels of significant metabolic, nutritional, or therapeutic element. Such applied basic science work in biochemistry is far more valuable than a formal review course in the field.

*Pathology.*—In a well conducted department of pathology of an approved hospital there is opportunity for correlating much basic medical science material with problems of clinical medicine. Applied gross and microscopic anatomy may be effectively learned from necropsy and surgical specimens. The clinical-pathological conference should and can be one of the most effective devices for correlation of the basic sciences with clinical medicine.

*Pharmacology.*—Since the principles of pharmacology are involved in every therapeutic administration of chemical substances to patients, the wards of the residency hospitals provide very suitable opportunities for the resident to apply and expand the knowledge of pharmacology previously gained in medical school.

*Physiology.*—Historically, one of the most fruitful fields of investigation into the normal functions of the body has been the study of abnormality of function to which the resident in clinical medicine is constantly exposed. Clinical medicine affords a rich field for the study of physiology and a potent stimulus to the resident to apply the basic principles of this science. Much of the equipment and special apparatus employed in clinical studies of the patient are likewise used in physiology, so that clinical studies provide ample opportunity and stimulation for the resident to supplement his knowledge of physiology with applications of the science to clinical problems. Encouragement and opportunity for an enlarged understanding of body function in health and disease should be part of the experience of the resident in any of the specialties in the course of his clinical work.

#### 10. HOSPITAL-RESIDENT AGREEMENT

A formal agreement in which mutual obligations are defined should be entered into between the hospital and the applicant at the time of his appointment. This agreement must be honorably fulfilled by both parties and when terminated by mutual consent, the hospital should provide a statement of release from the agreement or contract. Contracts for one year, renewable by mutual consent, are preferable.

The Council urges that all inducements, representations, and agreements made with respect to the offer and acceptance of a residency be embodied in the terms of a written agreement which should specify at a minimum the following:

1. The term of the residency.
2. The salary.
3. The conditions under which living quarters, meals, and laundry or their equivalent are to be provided.

4. Whether the hospital will provide professional liability (malpractice) insurance for the resident, or whether he will be expected to provide such insurance at his own cost if he desires this coverage.
5. Whether the hospital will provide hospitalization and health insurance for the resident and his family.
6. Vacation periods.
7. Hours of duty, or the method by which this is to be determined.
8. The content of the educational phase of the residency, including duration and sequence of the specified assignments to clinical, laboratory or ambulatory care facilities.

The residency agreement imposes ethical, moral and legal obligations upon both the hospital and the resident. No residency should be terminated prior to its expiration date without the opportunity for both parties to discuss freely any differences or grievances that may exist.

Under particular circumstances, the hospital or the resident may be justified in terminating a residency prior to the expiration of its term. If the resident fails to perform the normal and customary services of a residency or fails to comply with the reasonable rules that are necessary in the orderly operation of the hospital, the hospital may be justified in taking such action. Likewise, a physician should be entitled to rely upon representations with respect to opportunity for educational experience, conditions of service, living quarters, agreed vacation periods, etc., that are made to induce him to apply for the residency.

A breach of the agreement by either a hospital or a resident is not condoned by the Council.

Whenever complaint of such a breach is made, it is the policy of the Council to ask each of the parties involved to submit an explanatory statement. Such statements become a part of the physician's and hospital's records, and are made available upon request to authorized agencies.

**NOTE:** Certain sections of this document have been renumbered, and "Special Requirements" is now Section VI.

## II. PERSONAL RECORD

It is considered desirable that a personal record of the resident be maintained by the department responsible for his training. This should include a record of his assignments, results of examinations, personal evaluation by attending staff members who intimately supervised his work, and such detailed information as may be necessary in rating the resident's total accomplishment at the end of his training. The close personal contact which exists between department heads and the resident staff is usually sufficient of itself to make possible an accurate evaluation of the resident's judgment and professional progress. All records relating to the resident's work in the hospitals should be preserved and should be made available to examining boards and other responsible agencies if requested.

## III. MISCELLANEOUS

*Intern-Resident Relationships.*—Those hospitals training both residents and interns should recognize their obligation to both groups and should plan their programs so that both interns and residents have opportunities for training and experience. The residents should participate in the teaching of the interns and in the supervision of their activities. Residents should not, however, act so as to diminish the contact of the interns with the attending men or assume the supervisory or disciplinary functions of the staff.

## IV. RECORDING OF CREDIT

The successful completion of a residency is recorded in the biographic files of physicians maintained by the American Medical Association. It is important, therefore, that all institutions approved for residencies in specialties make an annual report to the Council on Medical Education of the

American Medical Association. Periods of service in institutions approved by the Council for residencies in specialties are given full credit in the biographic files without further inquiry. Services in unapproved institutions are recorded as unclassified assignments.

There is an extensive interchange of information and close collaboration between the Council on Medical Education, the various American Boards responsible for the examination and certification of the specialists, and the Advisory Board for Medical Specialties. In this way the study and appraisal of residencies leads to the formulation of lists approved by the Council and acceptable to the respective boards. These lists may be obtained from the Council on request. In most instances, there is indicated for the hospitals on the approved lists the amount of credit (one to three or more years) which is allowed by the appropriate American board toward qualifying for the certification examination.

The specialty boards listed below have been approved by the Council in accordance with the following resolutions of the House of Delegates:

*Resolved,* That the Council on Medical Education and Hospitals is hereby authorized to express its approval of such special examining boards as conform to the standards of administration formulated by the Council; and be it further

*Resolved,* That the Board of Trustees of the American Medical Association be urged to use the machinery of the American Medical Association, including the publication of its Directory, in furthering the work of such examining boards as may be accredited by the Council. (See the Council's "Essentials for Approval of Examining Boards in Medical Specialties.")

### American Board of Anesthesiology

Forrest E. Leffingwell, M.D., Secretary-Treasurer  
100 Constitution Plaza, Hartford, Conn., 06103

### American Board of Colon and Rectal Surgery

Stuart T. Ross, M.D., Secretary  
520 Franklin Avenue, Garden City, N.Y.

### American Board of Dermatology

Clarence S. Livingood, M.D., Secretary  
Henry Ford Hospital, Detroit, Mich., 48202

### American Board of Internal Medicine

Palmer H. Fitcher, M.D., Executive Director  
3930 Chestnut St., Philadelphia, Pennsylvania, 19104

### American Board of Neurological Surgery

Guy L. Odom, M.D., Secretary-Treasurer  
Duke University Medical Center, Durham, N.C., 27706

### American Board of Obstetrics and Gynecology

Clyde L. Randall, M.D., Secretary-Treasurer  
100 Meadow Road, Buffalo, New York, 14216

### American Board of Ophthalmology

Francis H. Adler, M.D., Secretary-Treasurer  
8870 Towanda St., Philadelphia, Pa., 19118

### American Board of Orthopaedic Surgery

Paul R. Lipscomb, M.D., Secretary  
430 N. Michigan Ave., Chicago, Ill., 60611

### American Board of Otolaryngology

Dean M. Lierle, M.D., Secretary-Treasurer  
University Hospitals, Iowa City, Iowa, 52240

### American Board of Pathology

A. James French, M.D., Secretary-Treasurer  
Office of Board, Suite 1820  
610 N. Florida Ave., Tampa, Fla., 33602

### American Board of Pediatrics

Executive Secretary  
6 Bryn Mawr Ave., Bryn Mawr, Pa., 19010

### American Board of Physical Medicine and Rehabilitation

Earl C. Elkins, M.D., Secretary-Treasurer  
200 First St., S.W., Rochester, Minn., 55901

- American Board of Plastic Surgery  
George F. Crikelair, M.D., Secretary-Treasurer  
4647 Pershing Ave., St. Louis, Mo., 63108
- American Board of Preventive Medicine  
Harold V. Ellingson, M.D., Secretary-Treasurer  
410 W. 10th Ave., Columbus, Ohio, 43210
- American Board of Psychiatry and Neurology  
David A. Boyd, Jr., M.D., Executive Secretary-Treasurer  
Box 1157, Rochester, Minn., 55901
- American Board of Radiology  
H. Dabney Kerr, M.D., Secretary  
Kahler Hotel Bldg., Rochester, Minn.
- American Board of Surgery  
Robt. M. Moore, M.D., Secretary-Treasurer  
1617 John F. Kennedy Blvd., Philadelphia, Pa. 19103
- American Board of Urology  
James H. McDonald, M.D., Secretary  
Apt. 1C, Glover Landing, Brackett Place  
Marblehead, Mass., 01945
- Board of Thoracic Surgery  
Rollin A. Daniel, Jr., Secretary-Treasurer  
1151 Taylor Ave., Detroit, Mich. 48202

Certain of the boards certify physicians in subspecialties, as follows: Internal Medicine, in allergy, cardiovascular disease, gastroenterology, and pulmonary diseases; Pediatrics, in allergy and cardiology; Psychiatry and Neurology, in child psychiatry. Candidates for certification in these special fields must first fulfill the general certification requirements of the American board concerned, including the examinations.

**Physicians who take hospital residencies and who anticipate certification by an American board should communicate with the secretary of the board at the outset of the residency training to be fully conversant with all the requirements.**

#### V. ADMISSION TO THE APPROVED LIST

Procedures for considering an institution for approval of a residency for training in a recognized specialty are as follows:

The institution should make application to the Council on Medical Education of the American Medical Association, 535 North Dearborn Street, Chicago, Illinois, 60610.

The Council provides application blanks and arranges to conduct a survey of the institution to determine whether the residency fully complies with the standards set forth in these "Essentials."

For one specialty, the Council prepares a report on its survey findings and conclusions which is submitted to the specialty board concerned for its recommendations. Approval is granted by the Council when it is satisfied that the training provided is entirely satisfactory and also acceptable for the purpose of preparation for examination by a specialty board.

For all other specialties, individual Review Committees representing the Council, the specialty boards, and certain other national organizations collaborate in reviewing programs and authorizing their listing in the Directory of Approved Internships and Residencies published annually by the Council on Medical Education of the American Medical Association.

Recognition may be withdrawn whenever the training program no longer conforms to these "Essentials" or when the positions remain vacant for a period of two or more years.

#### VI. SPECIAL REQUIREMENTS

The following regulations pertaining to individual specialties describe the special training in addition to the foregoing, required for competence in the practice of the various specialties of medicine and for admission to the examinations of the American boards in those specialties.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 1. Special Requirements for Residency Training in Anesthesiology

**Objectives.**—An approved three-year training program in anesthesiology is expected to provide instruction and experience of such a nature and in such an atmosphere that the physician so engaged will be prepared and inclined to employ his knowledge and talents as a physician in the field of anesthesiology. It is essential that the physician who desires to be qualified in anesthesiology be thoroughly familiar not only with applied anatomy, physiology, pharmacology and biochemistry, but also with the patient in health and disease. Only by acquisition of such knowledge can he be expected not only to predict the influence of anesthesia and surgery upon the patient and adjust for it, but also to interpret and treat, as well, the unanticipated changes that occur. Although technical proficiency in the management of anesthesia is essential, a director of a program warranting sustained approval should strive to teach more than the development of technical skill.

It is not the intent to dictate the teaching methods employed in accomplishing the objectives outlined. It is recognized that there are many approaches to the development of a qualified anesthesiologist and these *Essentials* set forth only certain minimum standards.

**General Considerations for an Approved Program.**—After July 1, 1973, the Residency Review Committee for Anesthesiology will approve only those programs adjudged to have the educational resources to provide three years of training in this specialty. Institutions presently offering two years of training and wishing to qualify for the three-year program should expand the scope of education to include a more thorough preparation in the pertinent basic sciences and related fields of general medicine which are mentioned in succeeding paragraphs than is possible in two-year programs presently being offered. Requests for three-year approval which do not conform to this purpose will not be favorably considered.

Institutions presently approved for two years which wish to qualify for three-year approval should supply a prospectus for a three-year program with the application. The educational experience permitted by the added year need not, and perhaps should not, comprise the third chronologic year of the program. Those portions of the program designed to increase the scope of training beyond the usual clinical anesthesia experience should be described in some detail, specifying time allotment, place, names of instructors, and such other information as may be of importance in assessing the training value of the program.

Programs approved for three years of training may continue to offer the minimum two years of clinical training in accordance with the requirements set forth by the American Board of Anesthesiology. After July 1, 1969, no applications will be accepted for consideration of a new program, reactivation of a program or for reapproval of a disapproved program which cannot meet the standards to offer three years of training even though it intends to offer *only* two years of training. Applications for new programs should supply a prospectus for an added third year above the two-year minimum requirements set forth by the American Board of Anesthesiology.

The Residency Review Committee anticipates the transition from two-year approval to a three-year approval of programs to commence by 1970. Only programs approved according to this plan will be listed after July 1, 1973.

**Staff.**—The most important element in the staffing of a training program is the genuine interest of the staff in instruction of residents in all the aspects of the field of anesthesiology.

ology. The need and desire to teach must be the primary motive for the development of a training program. Those programs in which the evidence points toward the acquisition of residents primarily to satisfy the needs of the clinical work load will be seriously questioned as will those programs in which the number and variety of patients available to the resident are limited. The staff should be of sufficient number so that any resident may expect direct supervision at any time. The ratio of staff to residents is subject to so many variables that a fixed number cannot be assigned. Ordinarily, a program in which there is only one functioning staff person as far as the training program is concerned will not be approved.

The staff should ideally be composed of physicians with different interests and capabilities. Included should be those who are interested in and proficient in clinical management of anesthesia, the basic sciences, general medicine, and research.

The director should be capable of administering the program and given the power to do so. His position as director should be determined on the basis of his interest and facility as a teacher and not primarily upon the basis of his seniority or control of private practice.

**Clinical Material.**—Through the parent hospital and/or the affiliated hospital, a sufficient variety of anesthetic problems should be available to the resident to provide the basis for instruction and experience in anesthetic management of patients undergoing thoracic, pediatric, obstetrical and neurosurgical procedures, as well as in problems arising from all other types of surgical cases.

No fixed total number of anesthetics is required, nor is any fixed number required in any category. It is the responsibility of the director to adjust the instruction and experience of each resident according to his needs. Each resident should keep a record of the number and types of anesthetic procedures he has performed.

It is essential that during the period of residency training the resident be instructed and given experience in all accepted methods of anesthesia. The resident should not be exposed only to limited types of anesthetic procedures regardless of the standard practices in the community.

In addition to clinical material of a surgical nature, the program should provide instruction and experience in related fields, such as diagnostic and therapeutic nerve blocks, problems in resuscitation and airway management, problems in sedation, and in the technic of bronchoscopy. The resident should be acquainted also with basic factors associated with the use of blood and blood substitutes. It is assumed that in the development of practice as a physician in the field of anesthesia the resident will be expected to participate in the care of the patient outside of the operating room. This means that the resident will be expected to have instruction and experience in the pre-anesthetic preparation and evaluation of the patient, as well as in the postanesthetic and postoperative care of the patient. Because of the obvious value of personal identification of doctor with patient, the practices of delegating pre-anesthetic visits and pre-anesthetic medication and of visiting only those patients with complications in the postoperative period is discouraged.

The resident should participate directly in the management of anesthesia in those cases available to him for instruction and experience. Instruction and experience gained from observation only is of minimal value. Furthermore, use of a resident as an instructor for junior colleagues should not be a substitute for adequate senior staff.

**Didactic Program.**—The manner in which the resident is taught is the prerogative of the director and his staff. However, it is anticipated that regularly scheduled and held teaching sessions are necessary. These sessions should have well established priority to the extent that residents may be freed of clinical service responsibilities, with minimal exceptions, in order to attend.

The resident should have access to a library in which material pertinent to anesthesia is available.

The material should be given time in which to acquire the large body of knowledge necessary to the practice of high grade anesthesia. This means that suitable balance between clinical service responsibilities and time for reading teaching sessions, and discussions with the staff must be established. The resident should be encouraged to spend an appreciable amount of time in these endeavors and also be directed in the most efficient use of this time.

Since anesthesiology is considered a field of medicine, the resident training program should provide instruction in the following general areas:

a. *The Basic Sciences (physiology, pharmacology, anatomy, biochemistry).* The instruction should not be based only on its relationship to a limited technical practice of anesthesia; instruction should be broadened to provide the opportunity for a thorough understanding of the processes of respiration, circulation, kidney function, liver function, etc. The instruction in anatomy, for example, should not be restricted to that associated with nerve block procedures. Likewise, instruction in pharmacology should not be limited to a recounting of the properties of the various drugs, but extended, for example, to include an understanding of the mechanisms by which the drugs produce their effects.

b. *General Medicine.* The instruction in this area should emphasize the importance of acquaintance with the fundamental aspects of various disorders of the patients. The resident should know how these disorders affect the patient and what impact therapy may have in order to adjust appropriately his management of anesthesia. He should receive instruction in the interpretation of electrocardiograms and electroencephalograms. He should become an expert consultant in the fields of respiration, drug depression, shock and pain relief.

c. *Technic.* Instruction should be provided in such areas as fire and explosion hazards, the physics and mechanics of equipment employed, and in the field of inhalation therapy.

d. In communities in which didactic programs are combined, the staff of the sponsoring hospital should actively and consistently participate in the combined didactic effort.

**Research.**—A program in which research is an active effort is considered to provide the sort of environment conducive to the learning process of the resident.

**Records.**—An adequate anesthetic record form should be kept for each patient. This record should be executed during the administration of the anesthetic, or other procedure, and thereafter should be available for future reference and study. In any circumstances in which there is participation in the care of a patient, appropriate notes should be entered in the patient's hospital record. As indicated earlier, each resident is required to keep a record of all procedures in which he has participated. The director of the program must validate this record.

**The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.**

**Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.**

## 2. Special Requirements for Residency Training in Colon and Rectal Surgery

The scope of training in colon and rectal surgery should include experience with and responsibility for patients with disease and abnormalities of the anus, rectum, and colon. An adequate number and variety of patients should be available. Under ordinary circumstances, a general hospital, to support a residency, should have annual admissions to the department of colon and rectal surgery of at least 200, including a minimum of 50 patients with disease of the large bowel.

The program should be under the direction of a well-qualified colon and rectal surgeon, preferably one who is certified by the American Board of Colon and Rectal Surgery. Those members of the attending staff who assist in supervising the resident's work should have had acceptable training in the specialty, should demonstrate an interest and ability in teaching, and should enjoy high professional standing. In some hospitals, where the number of men on the staff who have had advanced training in colon and rectal surgery is limited, it may be desirable to assign responsibility for the supervision of the training program to recognized specialists on a consulting basis. In such instances, it is expected that the consultant will devote sufficient time to the residency program to assure its effectiveness. In all instances, it is imperative that the head of the department be available to assume full responsibility for supervision of the work of the department.

Through appropriate arrangements with other services, the resident should have access to the records of all cases of colon and rectal surgery in the hospital. He should be held responsible for all histories, physical examinations, ordering of laboratory and roentgen-ray studies, preoperative orders, a preoperative summary for the operative record, assisting at time of operation, postoperative orders, dictation of operative records of operations performed by him, progress notes, and postoperative dressings and care. He should make daily rounds with the head of the department as well as his own individual rounds. He shall assist in the outpatient department. He should participate in the consultations with other departments so as to supplement the volume of work on his service. He should assist in the organized educational program such as the teaching of interns, students, and nurses. He shall prepare material for and assist at clinics and demonstrations on colon and rectal surgery.

Attendance should be required at all autopsies, clinicopathologic conferences, hospital staff meetings, departmental meetings, general surgical ward rounds, follow-up clinics, and surgical or medical clinics pertaining to colon and rectal surgery. The resident should spend sufficient time in the department of anesthesia to become familiar with anesthetic procedures such as local infiltration, sacral block, caudal block, and spinal block.

Increased responsibilities should be delegated to the resident as his ability is demonstrated and he shall be given opportunity to perform minor and major surgical procedures under supervision in order that he may develop surgical judgment and increase his surgical skill. He should keep a personal file of all cases on which he was the first assistant or the responsible surgeon.

The importance of complete studies of all patients must be emphasized. The head of the department must provide personal instruction and conduct teaching rounds, departmental conferences, and seminars.

There should be frequent informal discussions and demonstrations of technics.

Research activities in the fields of experimental medicine, experimental surgery, and the basic sciences should be encouraged.

It is recommended that comprehensive summaries of medical literature, or statistical analyses based on clinical case records, or a thesis should be prepared by a resident before he completes his service. Careful direction and supervision of this study should be provided by a member of the staff.

*Radiological Training* shall include the demonstration of current x-ray films for correlation with the pathological, physiological, or clinical subjects, as well as study by the resident, in conjunction with the roentgenologist, of all x-ray films on patients for which he is responsible and observation and discussion of radiologic therapy if available.

The provisions of the General Requirements (Sections 1 to

10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

### 3. Special Requirements for Residency Training in Dermatology

The practice of dermatology and syphilology is concerned largely with ambulatory patients, so that it is essential that an active outpatient service be available to furnish sufficient clinical material in the various divisions of the specialty. It is also desirable that hospital facilities be available and that residents be given an opportunity to observe the dermatologic manifestations of the acute contagious diseases. There should be a well organized course of instruction involving lecturers, seminars, clinical demonstrations and laboratory assignments, especially in histopathology, parasitology, mycology, and immunology. To facilitate clinical and laboratory teaching it is essential that the department have ready access to an adequate supply of classified anatomic and pathologic material including histologic and lantern slides for demonstrations. Projection apparatus should be available and also facilities for clinical photography.

*Applied Basic Science Instruction.*—The residency should include organized study in the various applied basic sciences: as related to clinical dermatology, especially in bacteriology, immunology, mycology, parasitology, serology, biochemistry, embryology, histology, pathology, pharmacology, and physiology, as well as physics as related to therapy by physical agents. See Section 1-9 of these Essentials for a discussion of applied basic medical science instruction.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

### 4. Special Requirements for Residency Training in General Practice

Residencies in general practice should be specifically designed to meet the needs of graduates intending to enter general practice. General practice residency programs, following the internship, should provide for additional experience and responsibility in those branches of medicine which are of primary importance to the general practitioner.

*Duration and Scope of Training.*—General practice residencies should be flexible, both as to content and duration, depending upon the special needs of the individual resident. It is recommended that residency programs be of at least two years' duration.

In a two-year residency, not less than fifty per cent of the time should be devoted to general medicine: i.e., internal medicine, the medical specialties, psychiatry, and pediatrics (including contagious diseases). The remainder of the time may be devoted to training in surgery, obstetrics, and gynecology. The surgical fields to be covered ordinarily should include general surgery, the surgery of trauma, fractures, and operative gynecology. Any service offered should be of sufficient duration to afford a significant learning experience. Short, episodic exposures are considered undesirable unless organized in close coordination with longer assignments in other disciplines.

Time devoted to general surgery and the surgical specialties should emphasize diagnosis, preoperative and postoperative care, minor surgery, and emergency care but should also offer an increasing opportunity assist with and perform common emergency and elective operative procedures. It should be recognized that there is limited educational value in this type of residency in assisting with highly specialized surgical procedures of an advanced nature. There should be a reason-

able balance between the time allocated to assignment in the operating room and other aspects of patient care.

*Out-Patient Experience.*—An important consideration in evaluating a residency program in general practice is the availability of adequate experience in the total care of ambulatory patients. This experience should occupy at least 25 per cent of the resident's time and should run concurrently with the inpatient services. The following statement is taken from the "Essentials of an Approved Internship," Section X, paragraph 8, "Special Requirements for Teaching with Ambulatory Patients," "Although experience with ambulatory patients is an essential part of all graduate programs, it need not be scheduled necessarily during the first year if it is provided by the hospital later as a part of a total integrated program." Thus, paragraph 8 of the above Essentials will apply in evaluating this aspect of the residency program in general practice.

*General Requirements.*—Hospitals requesting approval for residencies in general practice must comply with the general provisions for training described in Section 1 of these "Essentials" including the principle expressed in paragraph 2, subsection 1—Staff. General practitioners on the staff should participate in the teaching program whenever qualified.

These hospitals should have at least 2,500 annual admissions and maintain a minimum autopsy rate of 25 per cent.

For those residents desirous of developing additional skill in one or more particular fields, the hospital is encouraged to provide advanced training beyond the second year.

Regular conferences and seminars, conducted by competent teachers, and adequate laboratory facilities are absolute requisites to an adequate residency program. See sections 1-9 of these Essentials for a discussion of applied basic medical instruction.

As stated in the general requirements, it is not essential or even desirable that all hospital residencies should adopt exactly the same program, or that they should offer a rigidly uniform sequence of experience. It is essential, however, that all hospitals participating in graduate training should be able to meet the fundamental essential requirements for an approved program, and either alone or in collaboration should attain comparable results in the quality of training and of experience obtained.

**The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.**

### 5. Special Requirements for Residency Training in General Surgery

*A. Duration of Training.*—Residencies in general surgery which are designed to meet the requirements of the Council on Medical Education, the American College of Surgeons, and the American Board of Surgery, should include, after one year of internship, either three or four years of progressive residency training. A program need not necessarily be confined to a single hospital. Collaborative programs can be developed where two hospitals of graduate training caliber have complementary clinical resources which can be combined to advantage in developing an acceptable program.

The American Board of Surgery recognizes two methods of qualification for its examination:

Group I. In addition to one year of internship or its equivalent, a candidate must have a minimum of four years of training in surgery in an institution or institutions acceptable to the Board. Three of these years must be spent in an approved residency. One year may be spent in a surgical specialty, or experimental surgery or research, or work of such a character that the relation of the basic sciences of anatomy, physiology, pathology, bacteriology, biophysics, and biochemistry to surgery is emphasized.

Group II. In addition to one year of internship or its equivalent, a candidate must have three years of residency training in an institution or institutions acceptable to the Board, followed by two years of study or practice of surgery,

during which time sufficient operative experience to meet the Board's requirements must be obtained. The latter two years must be taken under the supervision of a surgeon certified by or acceptable to the Board and carrying on his practice in hospitals approved as meeting the minimum hospital requirements of the American College of Surgeons.

The Board of Regents of the American College of Surgeons has taken action recommending graduate training programs of four years' duration for trainees who begin a surgical residency program July 1, 1950, and thereafter. However, until a sufficient number of four-year programs have been developed, approved three-year programs in general surgery will continue to be recognized.

Training in general surgery is recommended as a preliminary to graduate training in most special fields of surgery. For some surgical specialties, there is a definite amount of preliminary training in general surgery required. To meet such requirements, hospitals offering general surgery programs of less than three years, but of acceptable quality, may be approved and separately listed.

As stated in the general requirements, it is not essential, or even desirable, that all hospital residencies should adopt exactly the same program, or that they should offer a rigidly uniform sequence of experience. It is essential, however, that all hospitals participating in graduate training should be able to meet the fundamental essential requirements for an approved program and either alone or in collaboration should attain comparable results in the quality of training and of experience obtained.

*B. Scope of Training.*—Residencies in general surgery should offer a broad surgical training and should preferably include some experience in closely related special fields of surgery. Large hospitals, which have narrowly departmentalized services, can usually provide this experience by agreement between the chiefs of two services to exchange residents for a definite period of time, or by planning a rotation of assignment of residents to selected surgical specialty services. Urology, gynecology, and orthopedic surgery are the specialties most commonly included. However, other surgical specialties (except perhaps ophthalmology) may be considered in making the selection.

At least two years of the training program should be spent specifically in the department of general surgery. Assignments for experience in special fields of surgery must, therefore, be limited in number and the selection should be made for each hospital on the basis of including those specialty departments which can contribute most effectively to the training of the general surgeon.

*C. Application of Basic Medical Sciences in Surgical Training.*—The application of the basic medical sciences should be stressed in relation to the clinical work of the residents throughout the whole training program. Frequent departmental conferences for a detailed discussion of problem cases on the surgical service are important for this, as are also the clinicopathology conferences. The residents should study and discuss with the pathologist all tissues removed at operation, and likewise all autopsy material from patients on their respective services. It is desirable, and in most programs it is possible, to have the resident assigned for a period of services in the department of pathology.

Surgical anatomy should be stressed by the attending surgeons in discussing surgical cases with the residents, and also by the pathologist, as far as is feasible, in the performing of autopsies. In addition, opportunity for the residents to work out special anatomical problems by performing regional dissections should, if possible, be provided.

Research work offers an important opportunity for stressing the application of the basic sciences in clinical problems. Reasonable facilities for research work by the residents should be provided, together with stimulating guidance and supervision.

*D. Surgical Staff.*—The surgical staff should be composed

of surgeons who are highly qualified in both surgical skill and judgment. The members of the staff should have a real interest in teaching and must be willing to give the time and effort required by the educational program.

The staff must be organized, and the chief of the service must be responsible for the quality of work done in the department, and the supervision of the resident training program. Continuity of this responsibility and supervision of the residents is highly desirable. Therefore, the appointment or election of the chief of service should not be considered as honorary, and should be of such duration as to insure this continuity.

**E. Clinical Material.**—The hospital must be able to provide an adequate number and variety of surgical patients. Arbitrary figures cannot reflect these considerations accurately. Under ordinary circumstances, however, a general hospital, to support a surgical residency, should have annual admissions to the surgical division numbering approximately 300 to 500.

For a surgical residency, the hospital should be able to provide an adequate number and variety of service cases. This is essential to give the progressive operative experience necessary for the residents of the third and fourth years. The residency program should be organized so that residents will hold positions of increasing responsibility for the care and management of patients with surgical conditions and have sufficient operative experience to acquire surgical skill and judgment through the performance of surgical operations with a high degree of responsibility but under circumstances providing adequate opportunity for consultation and advice.

Valuable experience may be obtained from efficient out-patient services where they exist and by well developed follow-up services in all hospitals.

A hospital which limits its clientele to special types of cases may, if otherwise qualified, be approved as a collaborating hospital if its residency is an integral part of an approved comprehensive program.

**The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.**

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 6. Special Requirements for Residency Training in Internal Medicine

Residencies in internal medicine should be organized on a broad basis to include instruction in the various specialties which combine to form internal medicine. Accordingly, the program should not be limited entirely to internal medicine and its subdivisions but might well include a reasonable amount of training in psychiatry, neurology, dermatology, and pediatrics, even though they are organized as independent residencies.

In institutions offering residencies in internal medicine and its special fields, emphasis should be placed on the educational features of the program and residents should receive regular instruction from members of the staff in all diagnostic and therapeutic methods. Particular emphasis should be placed on the study of etiology, pathogenesis, symptoms, and the course of the various diseases so that the residents may develop skill and accuracy in diagnosis as well as a mature judgment and resourcefulness in therapy.

Under the supervision of qualified members of the staff, the residents should assume individual responsibility in actual case management. They should also be required to correlate clinical studies not only with post-mortem pathology, but also with the other allied basic science fields, review medical literature and take an active part in regular teaching rounds, departmental seminars, and clinical-pathologic conferences.

**Requirements.**—For approval, a residency in internal medi-

cine should have an adequate number and variety of annual admissions to the Department of Medicine.

**Allied Basic Science Instruction.**—Anatomy, bacteriology, biochemistry, biophysics, pathology, pharmacology, physiology, and other areas are especially desirable and should be closely correlated with clinical experience. See Section 1-9 of these Essentials for a discussion of applied basic medical science instruction.

**The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.**

Residents who plan to seek certification by the American Board of Internal Medicine should communicate with the Secretary of the Board. Those who wish certification by a subspecialty board in medicine must first qualify in internal medicine and should then apply to the Secretary of the subspecialty board, through the office of the American Board of Internal Medicine.

#### 7. Special Requirements for Residency Training in Neurological Surgery

Institutions offering residencies in neurological surgery must provide ample facilities for a well rounded training in this field. The clinical material must be sufficient to provide adequate experience to the trainee. The minimal requirement is 200 major procedures, including at least 25 verified intracranial neoplasms, for each resident completing his training each year. Close contact must be maintained between the staff neurosurgeons and the resident staff. It is essential that the resident participate actively in the diagnostic study, operative treatment, and postoperative care of patients. The period of training consists of four years and must be preceded by at least one year of approved internship, preferably in surgery, although a rotating internship is acceptable. If the neurosurgical training is begun after a rotating internship, additional training of at least six months in surgery must be arranged by the chief of the neurosurgical service.

The residency period must be chiefly clinical and not didactic, and there must be concurrent instruction in neurology and the basic sciences, particularly as they relate to neurosurgery. To qualify for the full four years of approval, a residency must provide broad experience in neurosurgery.

The residency program should be adequate to insure competence and skill. Under supervision the resident should be given the responsibility for the diagnostic studies and some of the operations, especially in his final year.

**Quantitative Requirements.**—An acceptable service for residency training in this field must have sufficient hospital patients to provide a minimum of 200 major neurosurgical procedures annually. Included in these must be at least 25 surgically verified intracranial tumors.

**Applied Basic Science Instruction.**—Organized basic science work as applied to neurological surgery is especially desirable in neuroanatomy, neuropathology, neurophysiology, neuroradiology and neuroophthalmology. This should be closely correlated with clinical experience. See Sections 1-9 of these Essentials for a discussion of applied basic medical instruction.

**The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.**

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 8. Special Requirements for Residency Training in Neurology (See Psychiatry and Neurology)

#### 9. Special Requirements for Residency Training in Obstetrics and Gynecology

Residency programs in obstetrics and gynecology are not designed primarily to provide hospital service, but should

constitute an educational opportunity in the area of diseases peculiar to women. The principles enunciated under General Requirements are of utmost importance, and a thorough study of these is not only imperative for the director of the residency training, but is also urged for all who participate in resident teaching. Any additional statements made here for purposes of amplification will parallel those found in the General Requirements.

**Facilities and Patient Load.**—Good residency training can be given in large or in small hospitals. The size of the hospital is not the criterion as much as the quality of the care and the supervision given. Overloading a service with too many appointees is to be avoided. In general a residency training program should have approximately 300 obstetrical admittances and 100 gynecological admittances per resident per year, these cases to include only those admitted to the obstetrics-gynecology service.

It is recognized that obstetrical and gynecological units are subject to special regulations. To provide an approved program, an obstetrical and gynecological unit should meet any local requirements for licensing. Separate operating rooms are desirable but not required, an adequate access to the operating room facilities both for regularly scheduled cases and emergencies being more important. Hospitals should be cognizant of the recommendations of the American Academy of Pediatrics as to Standards and Recommendations for Hospital Care of Newborn Infants.

The question is often asked as to the exact number of major gynecologic and obstetric procedures each resident should have performed. It must be stated that no amount of assisting is a substitute for primary surgical experience. One of the basic principles of training is that it should be progressive in the experience and the responsibility given the trainee. A full residency program in obstetrics and gynecology must give sufficient independent operating experience to make the trainee competent and safe. The variety and magnitude of operations, and the quality of the surgery are more important than the actual number.

It is equally important for each resident to have adequate training in medical gynecology and antepartum and postpartum care. An outpatient facility capable of providing such experience is an essential part of an approvable program, and must provide instruction in the management of the problems of the ambulatory gynecological and obstetrical patient.

**Staff.**—It is desirable that the Chief of Service of the Department be certified by the American Board of Obstetrics and Gynecology, in the interests of the proper teaching of the specialty of obstetrics and gynecology. In the absence of such certification, the Residency Review Committee may approve programs when the chief has recognized ability and high professional standing in the specialty. At least one additional senior member of the staff should be similarly qualified.

There should be definite assignments of the responsibilities for resident training, preferably by the chief of the service or his designated representative (such as a departmental program director). To assure continuity of teaching effort and departmental policy the chief of service should hold office for at least three years.

In instances where the services of obstetrics and gynecology are separate in any given hospital, the chief of such service seeking approval, and at least one of his subordinates, must be certified or otherwise qualified as outlined above. If obstetrics and gynecology are separate services, combined approval can be granted only if arrangements are made for rotation of residents between the two services with graded and progressive responsibility.

Approval cannot be granted for residency training in gynecology if the service is a subdivision or subservice of general surgery, unless the subdivision of gynecology is headed and staffed by a chief and at least one other man certified by the American Board of Obstetrics and Gynecology or otherwise qualified as specialists in this field as specified above.

**Program.**—All programs must strive to strike a balance between the training acquired through patient care on the one hand, and the purely educational activities of the department on the other. In addition to the meetings listed, such conferences as a Neonatal CPC to consider the perinatal mortality and a Maternal Morbidity Survey are recommended. Basic sciences training should emphasize the relation of anatomy, pathology, biochemistry, and bacteriology to the application of surgical principles which are fundamental in all branches of surgery. Particularly for this specialty there should be training in infertility, endocrinology, oncology, irradiation therapy, psychosomatic medicine, and the non-operative methods of diagnosis and treatment. A resident must understand and be trained in the care of emergencies, shock, hemorrhage, blood replacement, electrolyte and fluid balance, protein and nitrogen balance, choice of anesthetics, chemotherapy, acidosis and alkalosis, wound healing, etc.

After July 1, 1962, the Residency Review Committee for Obstetrics and Gynecology will not approve residencies of less than three years' duration providing training in this specialty. While training in general surgery, internal medicine, and urology is desirable, such training should not be a part of the three years' required clinical program in obstetrics and gynecology. A minimum of 18 months in obstetrics and 18 months in gynecology is required. Likewise, formal courses in the basic sciences which separate the resident from clinical training should not be included in the three-year minimal clinical training program.

As stated in the General Requirements, however, it is not essential that all residencies adopt exactly the same program or a rigidly uniform sequence of experience. In addition, programs may be arranged for more than three years provided the above requirement is not diluted. The additional time may be allocated, for example, to training in general surgery, urology or basic sciences and the sequence of these in the training program adjusted to the individual hospital or institution. When such programs are arranged the trainee must complete the entire residency to meet the training requirement of the Board.

The principle of the "parallel" (or "non-pyramidal") residency assignment is the policy of the Residency Review Committee for Obstetrics and Gynecology in reviewing programs for approval. However, non-parallel programs will not necessarily be disapproved on this basis alone.

**Affiliation.**—Exchange of residents between approved programs within the specialty is acceptable. Such exchange into other specialties cannot be permitted to subtract from the minimal required three years of clinical training equally divided between obstetrics and gynecology.

Assignment of residents to unapproved institutions is not acceptable unless the work of such services is carefully supervised by the chief of the approved program in which the resident is enrolled. Such an arrangement should be attested in the hospital information supplied to the Committee.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 10. Special Requirements for Residency Training in Ophthalmology

**Duration of training.**—Residencies in ophthalmology which are designed to meet the requirements of the Council on Medical Education, and the American Board of Ophthalmology, should include, after one year of internship, three years of progressive training in the specialty. Part of one of these years may be spent in a basic science course in ophthalmology. If this course is of less than one year's duration it should be supplemented by additional training to make up a full 12 months; that is, courses of eight or nine months'

duration must be supplemented by additional clinical or other training to make up a full year.

Residencies of five years' duration, which include training in both otolaryngology and ophthalmology, may be approved provided at least 36 months' training is in ophthalmology.

A program need not necessarily be confined to a single hospital. In programs involving two or more hospitals, it is essential that the training program be organized by the parent hospital with responsibility for progressive training of the residents. Collaborative programs may be developed where two hospitals of graduate training caliber have complementary clinical resources which can be combined to advantage in developing an acceptable program. For example, specialized hospitals which do not admit patients for medical and neurological diseases might well provide temporary service in a general hospital.

*Scope of Training.*—Residencies in ophthalmology should offer a broad training and should preferably include some experience in closely related fields of medicine and surgery. Adequate clinical and operative experience should be provided. Essential equipment for diagnosis and treatment should be available including commonly used special apparatus. Adequate library facilities should be available and residents should be urged to use the library frequently. An informal journal club is suggested as a stimulus to use of library facilities. The training should include a systematic course of instruction with demonstrations on clinical and technical subjects pertinent to the various phases of ophthalmology. Cases should be presented and discussed during ward rounds at least twice a week. Residents should have daily contact with at least one staff man.

Instruction in surgical technique should be sufficient to enable residents to undertake operative work under supervision, especially toward the end of the residency program. Presentation of cases by the resident to the attending ophthalmologist at ward rounds and in the clinic should be routine procedures at least once a week.

*Basic Medical Sciences.*—There should be laboratory training in anatomy of the eye and adnexa and the related nervous system, also in microbiology, biochemistry, embryology, pathology, optics, pharmacology, and physiology. These studies should be closely correlated with the clinical experience. The resident should be assigned for a period of service in pathology and bacteriology. It is important that frequent departmental conferences are held for detailed discussion of problem cases. Clinical pathological conferences should be so conducted that the residents are able to study and discuss with the pathologist and the staff all tissues removed at operations, and all autopsy material, from patients on their services.

Surgical anatomy should be demonstrated by the attending surgeons in discussing surgical cases with the resident. Opportunity for the residents to work out special anatomical problems, by performing regional dissections should, if possible, be provided. Research offers an important opportunity for the application of the basic sciences in clinical problems. Reasonable facilities for research by the resident should be provided, together with stimulating guidance and supervision during the latter part of his training.

*Staff.*—The staff should be composed of highly qualified teachers who have skill and judgment. They should be properly organized with the designated head or chief of service responsible for the quality of work done in the department. The position of chief of service should not be rotated as an honorary appointment but should be held by the ophthalmologist best fitted for this responsibility. The members of the staff should have a sincere interest in teaching and in the welfare of the residents and must be willing to give the time and effort required by the educational program.

*Clinical Material.*—The hospital must be able to provide a satisfactory number and variety of patients. Statistical data alone cannot reveal these considerations adequately. During

the residency program an adequate operative responsibility must be provided the resident staff. Such experience is essential to give the progressive experience, both as assistant and operator, necessary for the development of surgical judgment and skill by the resident. The residency program should be so organized that the resident will hold positions of increasing responsibility for the care and management of patients. The residents shall have sufficient operative experience under supervision to acquire surgical skill and judgment through the performance of surgical operations with a high degree of responsibility. The residents must be held responsible for the recording of complete and adequate case records for both in-patients and outpatients. These case records should be reviewed and utilized by the attending ophthalmologist whenever consultations are required by the resident.

An approved residency in ophthalmology should include a well organized and supervised active outpatient service supervised daily by an attending ophthalmologist.

A hospital which limits its clientele to special types of cases may, if otherwise qualified, be approved as a collaborating hospital if its residency is an integral part of an approved comprehensive program.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 11. Special Requirements for Residency Training in Orthopedic Surgery

Surgical and orthopedic facilities must be satisfactory and clinical material sufficient to afford residents adequate experience in the correction of congenital and acquired deformities and in the treatment of fractures and other acute and chronic disorders which interfere with the proper function of the skeletal system and its associated structures. Residents should become thoroughly familiar with all methods of diagnosis and treatment, corrective exercises, physical medicine, operative procedures and the use of orthopedic appliances. Instruction in surgical technic should be sufficient to enable residents to undertake operative work on their own responsibility, especially toward the end of the residency program. Clinical instruction should include teaching rounds and departmental conferences.

Residencies may be organized in the fields of adult orthopedics, children's orthopedics, fractures or in combinations of these. As preliminary training the Council recommends one year of general surgery in addition to the internship.

*Quantitative Requirements.*—Both hospital and outpatient facilities are desirable, and institutions offering residency instruction should treat a minimum of 200 patients annually.

*Applied Basic Science Instruction.*—Anatomy, bacteriology, biochemistry, embryology, pathology, and physiology are especially desirable and should be closely correlated with clinical experience. See Section I-9 of these Essentials for a discussion of applied basic medical science instruction.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 12. Special Requirements for Residency Training in Otolaryngology

*Duration of Training.*—Prior to July 1, 1960, residencies in otolaryngology, which are designed to meet the requirements of the Council on Medical Education of the American Medical Association, the American College of Surgeons, and the

American Board of Otolaryngology, should include, after one year of internship, three years of progressive training in the specialty. One of these years may be spent in an approved residency in general surgery or medicine, or an additional year of rotating internship.

After July 1, 1960, residencies will be of four years' duration, of which three must be progressive training in the specialty. The four years must include one year in an approved residency in general surgery, preferably before the special training. It is emphasized that the above are minimal requirements for certification and as a foundation for further development in the broad field of otolaryngology.

*Scope of Training.*—Residencies in otolaryngology should offer a broad training and should preferably include some experience in closely related fields of surgery. Adequate clinical and operative experience should be provided. Essential equipment for diagnosis and treatment should be available, including all special apparatus. The clinical material should be sufficient in variety and amount to provide adequate training in the various divisions of the specialty.

Adequate experience in bronchoesophagology, allergy, anesthesiology, maxillofacial surgery, and surgery of the neck, as they relate to otolaryngology, must be provided. The training shall include a systematic course of instruction with demonstrations on clinical and technical subjects pertinent to the various phases of otolaryngology.

As stated in the general requirements (Section 7, Part 1), it is not essential, or even desirable, that all hospital residencies should adopt exactly the same program, or that they should offer a rigidly uniform sequence of experience. It is essential, however, that all hospitals participating in graduate training should be able to meet the fundamental requirements for an approved program and, either alone or in collaboration, should attain comparable results in the quality of training and in the experience obtained.

A program need not necessarily be confined to a single hospital. In programs involving two or more hospitals, it is essential that the training programs be organized by the parent hospital, with progressive responsibility for the residents. Collaborative programs can be developed where two hospitals of graduate training caliber have complementary clinical resources which can be combined to advantage in developing an acceptable program.

*Application of Basic Medical Sciences.*—There should be training in the applied anatomy of the ear, nose, throat, neck, chest, and esophagus, including the related nervous system. Applied microbiology, biochemistry, embryology, pathology, pharmacology and physiology should be included and should be closely correlated with the clinical experience. Frequent departmental conferences for a detailed discussion of problem cases are important, as are also the clinicopathological conferences. The residents should study and discuss with the pathologist all tissues removed at operation and all autopsy material from patients on their services. It is desirable to have the residents assigned for a period of service in the department of pathology.

Surgical anatomy should be stressed by the attending surgeons in discussing surgical cases with the residents, and also by the pathologist, as far as is possible, in the performing of autopsies. In addition, opportunity for the residents to work out special anatomic problems by performing regional dissections should, if possible, be provided.

Research offers an important opportunity for the application of the basic sciences in clinical problems. Reasonable facilities for research by the residents should be provided, together with stimulating guidance and supervision.

*Staff.*—It is desirable that the chief of service of the department be certified by the American Board of Otolaryngology, in the interests of the proper teaching of the specialty of otolaryngology. In the absence of such certification, the Residency Review Committee may approve programs when the Chief has recognized ability and high professional stand-

ing in the specialty. At least one additional senior member of the staff should be similarly qualified.

*Surgical Staff.*—The surgical staff should be composed of surgeons who are highly qualified in both surgical skill and judgment. It should be properly organized and harmonious, with the designated head or chief of service responsible for the quality of work done in the department. The position of chief of service should not be rotated as an honorary appointment, but should be held by the surgeon best fitted for this responsibility. The members of the staff should have a real interest in teaching and in the welfare of the residents and must be willing to give the time and effort required by the educational program.

Approval cannot be granted for residency training in otolaryngology if the service is a subdivision or subservice of general surgery unless the subdivision of otolaryngology is headed and staffed by a chief and at least one other man certified by the American Board of Otolaryngology or otherwise qualified as specialists in this field as specified above.

*Clinical Material.*—The hospital must be able to provide an adequate number and variety of surgical patients. Arbitrary figures cannot reveal these considerations accurately. Under ordinary circumstances, however, a general hospital, to support a residency in otolaryngology, should have annual admissions numbering approximately 300 to 500 patients to that service. The hospital must be able to provide an adequate number and variety of service cases. This is essential to give the progressive operative experience necessary for the resident. The residency program should be organized so that the residents will hold positions of increasing responsibility for the care and management of patients. The residents will have sufficient operative experience to acquire surgical skills and judgment through the performance of surgical operations with a high degree of responsibility, but under circumstances providing adequate opportunity for consultation and advice.

An approved residency in otolaryngology should include a well-organized and well-supervised, active outpatient service.

A hospital which limits its clientele to special types of cases may, if otherwise qualified, be approved as a collaborating hospital if its residency is an integral part of an approved comprehensive program.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

### 13. Special Requirements for Residency Training in Pathology

Recognition is extended in this field to residencies in anatomic pathology, clinical pathology, both clinical pathology and anatomic pathology, and special fields of clinical pathology and anatomic pathology.

*Scope of Training.*—The training program in pathology should be designed to acquire a broad knowledge of the subject matter in the fields of clinical and anatomical pathology, as well as the techniques and methodology required to gain this information. Experience in interpretation of laboratory data, in directing a laboratory, in teaching, and in investigation are all objectives of a good program.

Every attempt should be made to gain correlative experience in anatomic pathology and clinical pathology in addition to relating these experiences to the patient.

Systematic instruction in anatomic pathology should be accomplished primarily through the use of fresh tissues, microscopic slides, and photographs, supplemented by museum specimens and seminar material when available. Proficiency in frozen-section diagnosis, in exfoliative cytology, and in

cytogenetics are important aims. The teaching material must be sufficient in quantity and variety to afford adequate training in gross and microscopic pathology. Special emphasis, however, should be placed on the quality of the supervision and instruction rather than the quantity of material.

The training in clinical pathology should emphasize methodology and techniques because the result of a laboratory test is no more valuable than the accuracy of performance. Interpretation of these tests for assistance in the diagnosis and management of patients, and the development of administrative ability are of especial value in the division of clinical pathology.

Instruction should include, but not be limited to, training in medical microbiology, immunohematology-blood banking, medical chemistry, medical parasitology, hematology, endocrinology, medical microscopy, and the application of the physical and biological sciences in the diagnosis, prognosis, and treatment of diseases.

The general criteria for approval of hospitals and laboratories are both qualitative and quantitative. On the score of quality, consideration is given to the qualifications of the director of laboratories and his associates and assistants, the supervision of work of the trainee, the quality of the educational program, and the exactness and completeness of the laboratory work performed. On the score of quantity, consideration is given to the volume and distribution of laboratory work, both in absolute numbers and in relation to the size of the hospital, to the diversity and completeness of tests performed, to the size and equipment of the laboratory, and to the number of medical and non-medical personnel in relation to the volume of work.

In general, the qualitative standards will determine whether a laboratory is approved and the quantitative standards will determine whether the approval is for one, two, three, or four years of training.

It is expected that the director of the program be a fully qualified specialist in the branches of the specialty for which training is approved, and that he provide adequate supervision of the hospital laboratory. Adequate supervision is not interpreted in terms of hours, but rather that the director have no obligation outside the one approved hospital except in a university department of pathology in which he and the residents have an opportunity to participate in the educational program. In special instances, the equivalent of full time direction by two or more qualified persons will be accepted, and one person need not spend the entire working day in the laboratory. Similarly, in special instances, two or more hospitals will be approved as a unit with a single, full-time director of laboratories if it is apparent that a satisfactory training program can be conducted.

It is expected that the number of medical technologists and their qualifications will be proportional to the volume of work in the laboratory.

Sufficient laboratory and office space, as well as equipment, should be provided to enable the department to function efficiently. There should be facilities in all hospitals for tests usually performed in clinical pathology, for the study of surgical and cytologic specimens, and for the performance of necropsies. In larger hospitals the variety of tests performed should be larger, and in hospitals with over 500 beds all recognized laboratory procedures should be available for study and treatment of patients.

Institutions with a necropsy percentage of less than 25 will not ordinarily be approved, and those institutions with percentages between 25 and 40 will be given special scrutiny.

Fixed anatomic and pathological specimens in proportion to the size of the hospital, should be available for study by the staff. Properly filed and indexed color photographs in part be substituted for museum specimens.

The work of the trainee must be supervised. Conferences, seminars, journal clubs, and demonstrations should be con-

ducted as frequently as the volume of the material and the size of the staff justifies. A clinicopathological conference should be held at least every two weeks.

In institutions offering training in both anatomic and clinical pathology, the program should be so arranged as to assure even division of the residents' training and experience in anatomic and clinical pathology. Ordinarily, this can best be achieved by a series of exclusive, or nearly exclusive, assignments to the various departments of the laboratory.

*Quantitative Requirements.*—In the field of anatomic pathology there should be sufficient volume and variety of necropsy, surgical and cytological material (except in special programs) to insure adequate education, training, and experience in this branch of the specialty. There are no absolute criteria but special scrutiny will be given to a hospital in which an adequate volume and variety of the various types of anatomic material does not exist.

In the field of clinical pathology there should be a reasonable diversification of tests and in each category there should be sufficient volume to provide training and experience. There are no absolute criteria but special scrutiny will be given to a hospital in which there is not a reasonable diversification and variety.

Approval is granted for residency training in pathology in the following categories.

**Category APCP-4.** In both anatomic and clinical pathology for a total of four years.

**Category APCP-2.** In both anatomic and clinical pathology for a total of two years.

**Category AP-3.** In anatomic pathology only for three or more years.

**Category AP-1.** In anatomic pathology only for one year.

**Category CP-3.** In clinical pathology only for three or more years.

**Category CP-1.** In clinical pathology only for one year.

**Category SP.** Special pathology only, usually for one year. This designation includes forensic pathology, neuropathology research only, and such other special programs as may be approved.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 14. Special Requirements for Residency Training in Pediatrics

Clinical training should be obtained in general medical pediatrics, nutritional disorders, care of new-born infants, preventive pediatrics, and outpatient clinics in the various departments of medical pediatrics. Correlative studies are recommended especially in contagious diseases, in clinics for well babies, the mentally deficient and in those with neurological disorders or who present problems in behavior. In the wards and in the clinics the residents should be permitted to assume individual responsibility in diagnostic and therapeutic procedures and case management. They should actively participate in teaching rounds, clinicopathological conferences, departmental seminars, and all other functions designed to improve the quality of the clinical and educational service. Although the training need not be continuous or in the same institution, it is desirable that the educational program be systematized in the form of residencies of one to three years' duration.

*Quantitative Requirements.*—The resident staff should be assigned a sufficient number and variety of hospital patients to assure a broad training and experience. The number of patients considered adequate varies with the number of residents, length of patient stay, and other factors. Hospital duties should not be so extensive as to prevent giving ample time for other important phases of the training program.

*Applied Basic Science Instruction.*—Sufficient time should be devoted to studies in applied basic sciences, especially in embryology, growth and development, nutrition and other fields in physiology bearing upon pediatrics. This work should be closely correlated with clinical experience. See Section I-9 of these Essentials for a discussion of applied basic medical science instruction.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

*Allergy.* (See also Requirements for Internal Medicine.)—The objective of intensive training in allergy is to fit the physician for the highest type of practice, teaching, and research in this specialty. An allergy residency should be at least one year, though preferably two years, of full-time work. Residents in allergy should be given a thorough training in the fundamentals of human and animal sensitization through clinical study and laboratory experiments. There should be daily conferences or consultations with the staff. Reading of current articles and reviews of special topics should be assigned. Residents should be given responsibility for diagnosis and management of various diseases of allergy and for the teaching of interns, medical students, and nurses, as capability has been demonstrated. Problems in clinical or laboratory allergy should be utilized to develop an interest in research.

If the allergy service is a separate department, it should have interdepartmental associations so arranged as to give residents of the allergy unit continuing contact with the pediatric (or general medical) services through ward rounds, clinicopathological conferences, staff meetings, and so forth. The service should admit 200 to 300 ambulatory patients yearly and have facilities for hospitalizing bed patients, in addition to cases seen in consultation with other services. It should have adequate laboratory facilities for those special chemical-immunological, pathological and bacteriological procedures required in its field. The training of residents in allergy should be arranged to fit into the established programs of the American Boards of Pediatrics or Internal Medicine. Candidates for positions offering specialized training in allergy should previously have fulfilled the basic requirements of the parent board before undertaking study in the special field.

Certification in allergy is granted only to those who have previously fulfilled all the requirements for certification in pediatrics or internal medicine, including the examination.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

*Pediatric Cardiology.*—Residencies in pediatric cardiology should be closely associated with approved residency training programs in pediatrics, thereby assuring availability of all facilities and personnel necessary for the complete care of the infant and child. Thorough understanding of human growth and development and the response of the young patient to environmental factors, both intrinsic and extrinsic, is a fundamental prerequisite for the proper management of infants and children with cardiovascular problems. The purpose of a residency in pediatric cardiology is to equip the trainee to manage children with problems of a cardiovascular nature, whether congenital or acquired, in relation to the patient's rehabilitation and with emphasis on the adaptation of the whole individual rather than the specific disease process or the body system involved.

*Duration of Training.*—Two years of training in an approved pediatric cardiology training center are required to meet the minimal standards of the Sub-Board of Cardiology of the American Board of Pediatrics. Training need not be confined to a single approved center, although it is essential that the resident who splits his training between two approved residencies in pediatric cardiology receive progressive education, experience and responsibilities in the specialty rather than two years as a beginner with virtual duplication of instruction at an elementary level.

*Scope of Training.*—Residencies in pediatric cardiology should offer broad and inclusive training in the specialty. This should include fundamentals of clinical diagnosis with special emphasis on auscultation and physical examination and the role of roentgenology and roentgenoscopy, electrocardiography, vectorcardiography, phonocardiography and other laboratory tests used in diagnosis and management. Thorough understanding of embryology and anatomy of the normal heart and vascular system as well as the deviations from normal that may occur should be mastered. Knowledge of normal and abnormal cardiovascular physiology should be required. Experience and instruction in technics of and understanding of the limitations of cardiac catheterization and selective angiocardiology are necessary. Experience with pre and post-operative care of patients having cardiac surgery, both by closed and open methods, in close cooperation with the cardiovascular surgical staff is required. Opportunity for long-term follow-up observation of post-rheumatic patients must be afforded the trainee. Study of rheumatic fever and other infections and metabolic conditions resulting in abnormalities in cardiovascular function should be combined with experience in management of patients in sufficient numbers to demonstrate the typical and atypical features of each.

*Basic Medical Sciences.*—The resident should be assigned for a period of service in pathology with instruction by a qualified pathologist. Specimens demonstrating the various types of congenital cardiovascular anomalies should be classified and readily available for study. Conferences involving current pathologic material should be held regularly and closely correlated with clinical experience; such conferences should include clinicians, surgeons, physiologists, roentgenologists and pathologists. Thorough training in cardiovascular physiology is essential and participation by the resident in cardiac catheterization procedures is necessary. Such experience should be intimately related to clinical diagnosis and management. Regularly scheduled conferences involving clinicians, surgeons, roentgenologists and cardiovascular physiologists should be an integral part of the residency teaching program. Residency programs should provide ample opportunities for basic research, and participation in a specific laboratory or clinical research project should be encouraged.

*Staff.*—Highly qualified teachers should be available in pediatric cardiology as well as in roentgenology, pathology and physiology. The chief of service should be certified by the Sub-Board of Cardiology of the American Board of Pediatrics or, lacking such certification, should be of recognized ability and possess high professional standing in the specialty. The educational value of a residency depends largely on the quality and extent of supervision of the residents by teachers who are not only fully qualified but who are interested in teaching and willing to devote adequate time to this endeavor.

*Clinical Material and Facilities.*—A satisfactory number of patients must be available to provide the resident with a wide variety of cardiovascular problems in children. While there is no need to perform special tests such as cardiac catheterization or angiocardiology on all patients with cardiac problems there should be a sufficient number of diagnostic problems to justify such procedures in an adequate number of patients per year, thus reflecting a reason-

ably large case load, in-patient and out-patient, during the course of a year. A minimum number of cardiac operations in children is required to provide depth of experience in pre and post-operative management needed by a properly trained resident in pediatric cardiology. If these minimal numbers of special procedures and operations are reached or exceeded, the total number of clinical cases should be adequate for proper instruction of a resident.

Equipment, staff and availability of ancillary services such as good nursing care, properly staffed post-operative units, social service facilities, etc., should conform to the recommendations of the Council on Rheumatic Fever and Congenital Heart Disease of the American Heart Association in "Standards for Centers Caring for Patients with Congenital Cardiac Defects," published in *Circulation*, Vol. XXI, April, 1960.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 15. Special Requirement for Residency Training in Physical Medicine and Rehabilitation

*Scope of Training.*—Residencies in this specialty should include training in the clinical and diagnostic uses of the physical procedures and in the various aspects of medical rehabilitation. The service is particularly concerned with the treatment and restoration of the convalescent and the physically handicapped patient. A complete program should include the availability and the use of the paramedical services related to the field.

*Duration of Training.*—A minimum of three years of residency training is considered necessary to train a physician contemplating specialization in the field. It is desirable, if not essential, that the training be under the supervision of one approved institution. The Department of Physical Medicine and Rehabilitation should be organized as a major service, with a qualified head of the department and associates, as well as trained personnel in the various paramedical areas. The department should operate as a service department to the broad fields of medicine and surgery. Sufficient space and equipment must be provided to carry out a comprehensive program of training. In order to provide complete training, it is necessary to have beds assigned. The number of beds on the Physical Medicine and Rehabilitation Service should be adequate to make training of this type meaningful.

*Quantitative Requirements.*—To supply an adequate amount and variety of teaching material, there should be a minimum of 500 admission and 7,500 patient visits annually.

The trainee should have the opportunity to learn to become proficient in prescribing and supervising all types of physical therapy, occupational therapy, and rehabilitative procedures for outpatients as well as patients on the hospital services. There should be an experience in evaluation and care of patients having conditions or disabilities such as may be seen in all phases of medical practice. There should be the opportunity for learning to co-operate with and utilize the services of other medical specialists and paramedical personnel.

*Applied Basic Science Instruction.*—Training in the allied basic sciences should be closely correlated with the clinical experience. Training in these subjects should be on a graduate level and include functional anatomy and kinesiology; physics, including radiation physics related to the field, electronics and instrumentation; physiology as applied to the various physical agents, particularly; and pathology.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American

board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 16. Special Requirements for Residency Training in Plastic Surgery

*Duration of Training.*—Residency training programs which are designed to meet the requirements of the American Board of Plastic Surgery, the American College of Surgeons, and the Council on Medical Education of the American Medical Association must be of at least two years' duration, after completion of a minimum of one year in an approved internship and at least two years of training (three years beginning July 1, 1960) in a residency in general surgery in a program approved by the Conference Committee on Graduate Training in Surgery or by the Council on Medical Education of the American Medical Association.

*Scope of Training.*—Adequate training in plastic and reconstructive surgery should include experience in the various methods of excisional reparative surgery of the scalp, face, orbits, nose, oral cavity, neck, trunk, and extremities. The resident should obtain experience in the management of neoplasms of the head and neck, cosmetic surgery, facial trauma, surgery of hands, burns, and congenital abnormalities of the extremities and genitalia. This training must be graduated and progressive.

*Applied Basic Sciences.*—The study of anatomy, bacteriology, biochemistry, physiology, and pathology as related to plastic and reconstructive surgery should be closely related to clinical experience. Research offers an important opportunity for the application of the basic sciences to clinical problems. Reasonable facilities for clinical and animal research by the residents should be provided with stimulating guidance and supervision.

*Clinical Material.*—The hospital must be able to provide an adequate number and variety of surgical patients. Where the program may be strengthened thereby, collaborative programs can be approved after affiliation of institutions with complementary clinical and research facilities.

Residents who plan to seek certification by the American Board of Plastic Surgery should communicate with the Secretary before beginning training in the specialty to be certain that the requirements as to training in general surgery have been met.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 17. Special Requirements for Residency Training in Preventive Medicine

Preventive medicine embraces a broad spectrum of professional activity in the present-day highly organized and complex structure of medical practice which has been differentiated into closely related yet discretely identified specialty areas. These are differentiated less by basic differences in professional competences or skills than by the environment in which the practice of preventive medicine is conducted or by the special requirements of the population groups being served. Each of these specialty areas is dependent upon a common core of fundamental scientific knowledge and the professional discipline of preventive medicine.

Residencies in preventive medicine are approved by the Council on Medical Education and the American Board of Preventive Medicine in General Preventive Medicine without designation of specialized field and in the three special affiliated fields of Aerospace Medicine, Occupational Medicine and Public Health. Residency programs in all of these fields ordinarily include an academic phase and an appro-

appropriate period of practical training. While the provisions of the section on "General Requirements" (Section 1 to 10) are not directly pertinent to residencies in preventive medicine, relating as they do more specifically to the clinical specialties, the principles underlying them do apply to programs in all fields of preventive medicine.

#### General Preventive Medicine

Residencies in preventive medicine should be organized on a broad basis to furnish instruction in the various special fields which combine to form the foundation of the total field of preventive medicine. Any given residency may place emphasis upon a special field, e.g., epidemiology. Residency training in preventive medicine may be offered by Schools of Public Health, organized Departments of Preventive Medicine in Medical Schools, other appropriate Graduate Schools in Universities, or other appropriate institutions or agencies in which an established component of their program is the graduate training of physicians. Institutions seeking approval of residency training in preventive medicine must provide evidence that the resident in training is assured of a supervised, comprehensive and progressively graded educational experience over a period of at least three years. One institution or agency, preferably one with a primary interest in graduate education, must assume overall responsibility for directing and supervising the preventive medicine residency training program. The residency program need not be encompassed within a single institution or agency, however, but may be constructed by formal programming and coordinated supervision of the educational and training experience of the residency by two or more institutions or agencies.

The educational and training experience of the residency training program should include two phases: one of academic study in which the candidate is enrolled as a graduate student, in residence; and a second phase in which the candidate secures field training and experience. These two phases may be carried out consecutively or separately.

*Academic training:* The academic phase of the residency training must be at least one year of graduate study. The character and quality of advanced study engaged in by the resident should be equivalent to that of students seeking advanced degrees. However, the content of the residency program may differ from the curriculum required for an advanced degree, and achievement of such a degree is not a requirement. The program of instruction should be individualized as far as possible to the needs of each resident, and when feasible, conducted on a tutorial basis.

The content of courses offered should include but not be limited to: principles and practices of preventive medicine, medical and public health administration, human ecology, environmental medicine, and both basic and advanced study in biometry and epidemiology. Every effort should be made to strengthen the resident's competence in the clinical and laboratory disciplines and to provide an effective integration of the clinical sciences in relation to human health problems with that of epidemiology. Supplementary courses should be available to the resident in such areas as microbiology, immunology, genetics, cytology, biophysics, and the social sciences; especially, sociology, anthropology, economics and psychology.

*Field Training:* Field training should be under the supervision of staff qualified to provide guidance and graduate instruction in preventive medical practice or research, either directly under an educational institution or an organization or agency affiliated with the educational institution. Each resident should have progressively graded responsibility, under competent direction, of at least one year's duration.

In selecting field training experience for the resident, the training institution may use a field training area partially or entirely under its own jurisdiction and supervision or it may use an affiliated organization or agency most suitable to the needs of the individual resident. The resources and organi-

zation of the affiliated agency must satisfy basic requirements for graduate training purposes; the caliber of supervisory professional staff members and their competence and interest in residency level training should be the determining factors in the assignment of residents to their charge.

The third year of the preventive medicine residency training program may be allotted to academic study, field training, clinical residency in a field closely related to preventive medicine, research, or a combination of such experiences.

Since research methods and scientific inquiry play so large a part in the practice of preventive medicine, special attention should be given to the development of research competence in the residency period. As a part of the three years of residency training, the resident should be required to undertake an independent and original investigation in a special field and to present the results of this research in a thesis acceptable to the responsible institution.

*Facilities:* The facilities of the training institution need not conform to any rigid pattern; educational institutions, research centers or operating agencies may qualify, provided the residency program is appropriately affiliated with and supervised by an approved and accredited academic institution. A plan of affiliation between two or more of these categories will be necessary in most instances. In every case, the combination must provide:

1. An educational environment capable of providing the breadth of instruction outlined above;
2. Laboratory space, supplies, and technical assistance for research by the resident;
3. A well-stocked, up-to-date medical library;
4. Facilities for field training of sufficient size and scope to provide experience in each of the major areas of preventive medicine and to exemplify good administrative organization. The staff members associated with residency programs should have demonstrable interest in and capacities for teaching, as well as high competence in their respective fields.

*Personnel and Organization:* The Director of the residency training program should be qualified in preventive medicine and have established competence in teaching and graduate training. There should be at least one person on the training staff who has established competence and continuing experience in each of the major fields of instruction. The training staff members should be selected by the Director and should be directly responsible to him for their participation in the program. There should be specific commitments concerning the time to be contributed by each staff member and the content of training which he is to provide. There should be a Residency Advisory Committee composed of the Director and the heads of the departments primarily concerned with the training of the resident, and selected consultants. This Committee should concern itself with the development, content and improvement of the training program, the policies, procedures and conduct of the program inclusive of instructional techniques, and the periodic evaluation of all phases of the resident's training. It should report periodically, at least annually, to the head of the training institution.

*Eligibility of Applicants:* In addition to the qualifications required for applicants in the other specialties (General Requirements, Section 6), the qualification of each applicant for an appointment to an approved residency in general preventive medicine without designation of specialized field should be reviewed by an appropriate committee appointed by the training institution or agency. The committee should make special effort to evaluate each candidate's suitability for career training in preventive medicine on the basis of preliminary and medical education, including internship, professional motivation and career objectives.

#### Aerospace Medicine

A formal training program in Aerospace medicine should include academic training in the fundamental disciplines of

preventive medicine and public health; it should also include training and experience in the basic and clinical sciences related to aerospace operations and ground support, and in administrative support of aerospace medicine programs. The formal training program should be of at least three years' duration. One year should be devoted to academic study in preventive medicine and public health, and two years to a residency in aerospace medicine. The residency should include an academic component and an applicatory component; the entire residency should normally be under sponsorship of a school of aerospace medicine, a medical school, a school of public health, or a graduate school. An approved government or civilian agency or institution may also serve as the agency responsible for residency training. It should normally be responsible for the maintenance of the health of a sufficiently large number of flying and ground support personnel to provide the residents with the broad experience in the various phases of the specialty. There should be a sufficient amount and variety of aeronautical equipment available to enable the resident to familiarize himself with its use. A well-staffed hospital to which aerospace-medicine problems are referred should be available. If not, such training should be provided through affiliation. Experience in the examination, care, and management of ambulatory patients should be provided through the facilities of an adequately staffed and well-equipped outpatient department. The agency should have access to an adequately equipped laboratory in which studies on problems relating to aircraft accidents and hazards of flight can be carried out. The applicatory component may be secured through affiliation with the sponsoring agency.

#### *Academic Program—Public Health and Preventive Medicine.*

Courses should normally be such as to satisfy requirements for the Master of Public Health Degree or its equivalent. These courses should normally cover the following fields:

1. Epidemiology: the study of disease and injury in human populations, the factors contributing to increase or spread, and means of control.
2. Public health administration or practice: organization and administration of programs for promotion of health.
3. Evaluation and control of environmental hazards to health.
4. Statistical methods applicable to the study of disease or injury and the evaluation of control procedures.
5. Such other subjects as may be required for the Master of Public Health degree or equivalent and such desired elective subjects as may be applicable to aerospace medicine.

#### *Residency.*

The residency should provide training and experience in the principles of preventive medicine as applied to flying personnel, those engaged in ground support of flight or aerospace operations, the environments in which they work, and the protection of all concerned from the hazards which may be encountered. The residency should include an academic component which covers the following subjects:

1. Aviation physiology: responses of the body to changes in temperature, pressure, and oxygen concentration, and to acceleration, which may be encountered in flight.
2. Selection of aircrews: medical examination and selection of persons to be trained for flying or aerospace activities.
3. Maintenance of aircrews: recognition, prevention, and treatment of disorders related to flight; influence of specific disorders on fitness for flying; consideration of these problems from viewpoints of clinical specialties such as internal medicine, surgery, ophthalmology, otorhinolaryngology, and neuropsychiatry.
4. Flying safety, including accident prevention and medi-

cal support of accident investigation (aviation pathology).

5. Environmental hazards faced by flyers and ground support workers; devices, equipment, and procedures for protection of personnel concerned.
6. Aerial transportation of patients: contraindications for air travel by patients; medical problems in movement of patients by air.

The applicatory component of the residency should provide an opportunity for the planned and supervised application of the knowledge and concepts of preventive medicine and aerospace medicine gained in the academic phases of the program. The program should impose definite responsibilities upon the resident. The program may be in a civilian or military organization having responsibility for the health of a reasonable number of flying personnel and/or personnel concerned with ground support of aeronautical or aerospace operations. It should encompass experience in the following fields:

1. Clinical aerospace medicine: diagnosis, prevention, and treatment of disorders resulting from flight or ground support activities; evaluation of disorders having a bearing on capabilities or qualification for duties in aviation or ground support.
2. Administrative aerospace medicine: planning, administration, and supervision of a broad health program for flying and/or ground support personnel.

The entire residency training program should be under the supervision of a Director of Training who is certified in aerospace medicine, and a Residency Advisory Committee. The professional qualifications of the Director of Training should meet the standards required of the staff of institutions approved for residency training in other specialties (General Requirements, Section 1). The committee should be made up of persons of recognized capabilities in aerospace medicine and/or related medical fields. Should any portion of the program be arranged through affiliation, the resident should during such period be under the direct supervision of an individual certified in aerospace medicine and/or a related clinical specialty. The supervisor in such a situation should be furnished a clearly defined statement of experience and responsibility required during the period of affiliation.

#### *Eligibility of Applicants.*

In addition to the qualifications required for applicants in the other specialties (General Requirements, Section 6), the applicant for an appointment to an approved residency in aerospace medicine should have completed at least one academic year of graduate study in preventive medicine, or training and study deemed by the American Board of Preventive Medicine to be substantially equivalent to such graduate study.

#### **Occupational Medicine**

Residencies in occupational medicine, as a specialized branch of preventive medicine, should include training in the principal divisions of preventive medicine and public health, such as administration, health education, epidemiology (control of communicable and degenerative diseases), accident prevention, and sanitation. The training should not neglect the broad problems of community health but should emphasize their relation to the industrial population as an important part of the general population and to occupational hazards and disease.

The training period comprises a period of specialized training of three years' duration, one year of which is carried out in supervised practice in an industrial medical organization. Ordinarily these programs should be conducted under the sponsorship of an educational institution. They may be organized in a school of medicine, a school of public health, or an associated graduate school, in which the facilities of a university as a whole are available for intramural instruction. Extramural training should be provided

by an organization affiliated with the educational institution, and having a satisfactory medical service. The intramural and extramural phases may be carried on simultaneously or as separate periods.

#### I. Content of Intramural Training Program.

A. *Basic Disciplines.* The basic disciplines may vary in their content to some degree (and in their emphasis on matters of general importance in the field of preventive medicine and of special significance to the industrial physician) in accordance with the availability of facilities for instruction in various institutions of learning. Courses should be offered to include the following:

1. Preventive Medicine as it relates to community health generally, rather than to industrial health specifically, includes microbiology, control of communicable diseases and their transmission, and various aspects of administrative medicine.

2. Industrial health practice which concerns itself with the medical problems and practices of industry, as well as other activities of the industrial physician in his professional, advisory, and administrative relationship to industrial employees in all categories, to his immediate and more general professional associates, to the hygienic authorities, and to management.

3. Industrial hygiene, under which term is included all measures for the determination of the significant and extent of occupational stresses and hazards, and for the development and application of means of controlling such stresses and hazards, so as to promote and maintain industrial health.

4. Physiology and other basic sciences with particular reference to the manner in which the occupation and environment affect man.

5. Epidemiology and biostatistics and their application to the health problems of the industrial population.

#### B. Related Fields

1. Special fields of medicine such as mental health, rehabilitation, and gerontology.

2. Legal and insurance aspects of industrial medical practice.

3. History, structure, and functions of industry.

4. Social studies (human relations) including such subjects as personnel relations, industrial relations, labor relations, and public relations.

C. *Clinical Training.* Clinical training requires well-developed clinical facilities in a medical center in which a well-staffed outpatient dispensary, ample and well-staffed inpatient services, and a variety and a reasonable volume of patients and problems from industry are available for study. Organized and well-staffed clinics in industrial establishments, as well as many other organized medical services in the community, may be utilized. Clinical training should provide experience in at least the following areas:

1. Medical appraisal of abilities and disabilities in relation to the requirements of job, job placement, and adjustment of worker to job.

2. Management of occupational injury and diseases to include etiology, pathology, diagnosis, prognosis, therapy, rehabilitation, and prevention.

3. Medical appraisal of the individual with particular reference to qualitative standards and compensation for disability.

4. Rehabilitation. Adequate training in rehabilitation can best be provided in an institution in which there is a properly staffed department of rehabilitation. Well-developed services in medicine, surgery, and the medical and surgical specialties should be available. The efforts of these services and the department of rehabilitation should be co-ordinated in achieving the objective of the rehabilitative process, the return of the industrial casualty to a suitable and useful occupation.

D. *Research.* Investigation of the industrial environment and the response of individuals to it, studies of new materials and new sources of energy, and training in the significance of research are an essential part of professional instruction. The resident may be required to prepare a thesis worthy of publication on his own study.

#### II. Type and Contents of Training Industry.

##### A. General Type and Duration of Residency in Industry.

The resident must serve for a year, preferably in continuous service, in one or more industrial medical organizations approved for scope and quality of service.

##### B. Professional and Facilities.

1. *Personnel.* An industrial medical organization which participates in the training of residents in occupational medicine should be under the direction of a competent physician having position and authority in the organization commensurate with his responsibilities, including that of assuming a high level of ethical conduct and practice within the medical department. All of the activities of the industry relating to the health of employees, industrial hygiene and sanitation, and the hygiene problems of the community as derived from the industry should lie clearly within the authority or area of consultation of the physician in charge.

The staff of the medical department, including nurses and technical assistants, should be adequate in numbers, competent to perform the work which is required of them, and should have such relationship to the chief of the medical staff and such functions in the performance of the work of the medical department as are in keeping with sound professional standards.

The local professional relationships of the medical staff should be such as to insure appropriate liaison with private physicians of the employees. The services of fully qualified consultants in specialized fields of medical and surgical practice should be utilized as necessary.

2. *Facilities.* The quarters and facilities of the medical department should be adequate in location, arrangement, and equipment to provide freedom from noise, to insure comfort, cleanliness, and orderliness in the conduct of the medical work, and especially to yield complete privacy for interviews, medical examinations, and the maintenance of wholly confidential medical records.

Laboratories, equipment for the conduct of clinical and environmental observations and investigations, and appropriate reference books and periodicals shall be available within the medical or other plant facilities, or in such proximity elsewhere as to meet adequately the needs of the practice of medicine and industrial hygiene.

3. *Industrial Medical Practice.* The type of medical practice conducted by the industrial medical department shall be of a high professional quality and shall extend into all of the fields of medical activity that are appropriate to the needs of the industry concerned.

The medical examinations and the medical records should be such as to reveal the hygienic status of the population of the plant or industry in a reasonably effective manner, with respect to injury, illness, and disease of non-occupational or occupational origin. They should also be adequate in respect to the medical problems of the individual employee. The information on the respective occupations, hygienic problems, and hazards associated with specific occupations and operations within the plant or industry should be comprehensive and up-to-date; the means by which such information is kept current, through reports, trips of inspection, analytical and other environmental data, should be part of the regular mechanisms of the medical operations and relationships within the industrial organization.

##### 4. Adaptation and Utilization of Personnel and Facilities

for Medical Instruction. In addition to the general adequacy of the medical personnel and facilities for the performance of their necessary duties, the conditions within the medical department and the industrial organization which it serves must be such as to provide time for the training of medical residents. The competence of the preceptors within industry and the affiliation of the personnel of the medical department with the institution responsible for professional instruction must be such as to insure the fulfillment of an educational function, rather than to provide a means of delegating the less exacting and less responsible work of the medical department to a subordinate in training.

*Eligibility of Applicants.*—In addition to the qualifications required for applicants in the other specialties (General Requirements, Section 6), the applicants for an appointment to an approved residency in occupational medicine should have completed one academic year in an accredited school of public health leading to a degree of Master of Public Health or have had equivalent training. In some cases, residency training may proceed the year of formal academic training.

The provisions of the section on General Requirements (Sections 1 to 9) must also be met for approval.

*Board Requirements.*—Candidates for examination in occupational medicine must meet the general requirements of the American Board of Preventive Medicine in that they complete a year of internship in an approved hospital and at least six additional years of training and experience in occupational medicine. One of these years must have been devoted to graduate study leading to a degree of Master of Public Health in an approved School of Public Health (or other similar training and study satisfactory to the Board). Another year must have been spent in graduate study in occupational medicine or in a closely related field acceptable to the Board. (Section I).

At least one of the remaining four years must have been spent in an approved occupational medicine program in one of more industrial medical organizations approved for scope and quality of service. (Section II, 16.)

### Public Health

Residencies in this field should include training in the principal divisions of public health, such as administration, health education, epidemiology (control of infections and degenerative diseases), maternal health, infant and child health, accident prevention, and sanitation. Approval for residency training in the specialty is ordinarily extended to training areas organized under a state plan, although recognition may be given to a local health department offering acceptable training in one or more of the major branches. An acceptable program should be for a period of one or more years' duration. If the training is limited to a single field of public health, the length of the training should be at least two years, one of which may be spent in residency training in an appropriate clinical specialty.

The health department in which training is given should be well-established and should serve an area large enough to offer comprehensive experience in the several aspects of community health. A program of sufficient scope and diversity is not likely to be provided in communities of less than 50,000 population.\*

The department should be efficiently organized on a basis which will assure the provision of public health services of a superior quality as well as proper supervision of the residents' training. It should co-operate actively with other agencies, official and non-official, in the development and conduct of a community-wide health program.

\*For a method of evaluating the scope and quality of a public health program see "Health Practice Indices," 1950 edition, and the "Evaluation Schedule," November, 1947, published by the American Public Health Association, 1790 Broadway, New York 19.

The facilities of the health department, including office and laboratory space, should be adequate for the efficient functioning of the public health service. When the work of the resident involves considerable travel, adequate transportation should be provided. The department should maintain a basic collection of reference texts and periodicals in public health and associated fields, even if more complete library facilities are available outside the department.

An efficient system of records must be maintained. Since much of the resident's later responsibility is likely to be administrative in nature, it is essential that he has a thorough indoctrination in the preparation and maintenance of reports, registers, and other required records.

Residency training at the state and local level should be under the direction of a qualified physician trained in public health who has demonstrated his ability to administer a comprehensive public health program. His professional qualifications should meet the standards required of the staff of hospitals approved for residency training in other specialties (General Requirements, Section 1). His staff should include a sufficient number of well-trained personnel to provide adequate health service to the community and assistance in the training program. A state department of health responsible for the organization and conduct of a training plan should make available consultative service in the several basic and special public health fields.

The residency training should include planned observation of and active participation in the various public health programs operating within the community. It should include experience in the collection of vital statistics, control of communicable disease, promotion of child and adult health, regulation of the environment, and education of the public with respect to personal and community health. Training in these several fields should be such as to provide familiarity with the planning, development, and methods of operation of public health programs and the duties and techniques used by the members of the staffs of the responsible public health agencies.

*Eligibility of Applicants.* In addition to the qualifications required for applicants in the other specialties (General Requirements, Section 6), the applicant for appointment to an approved residency in public health should have completed one academic year, leading to a degree of Master of Public Health, in an accredited school of public health, or have had equivalent advanced training. In some cases, the year of residency may precede the year of formal academic training.

*Board Requirements.*—Candidates for examination in public health must meet the general requirements of the American Board of Preventive Medicine in that they complete a year of internship in an approved hospital and at least six additional years of training and experience in public health.

One of these years shall have been devoted to graduate study leading to a degree of Master of Public Health or its equivalent in an approved college or university (or equivalent training and study satisfactory to the Board) and at least two years of supervised field experience in public health practice in an approved residency. The remaining three years must have been limited to the practice of public health, preferably under the supervision of a well-qualified specialist in that field.

It is recognized that an individual may obtain suitable training in programs other than those of an official health department: among such are the federal services, industry, and certain voluntary agencies. The training of such persons will be adjudged on an individual basis.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appro-

priate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 18. Special Requirements for Residency Training in Psychiatry and Neurology

Residencies in Psychiatry and Neurology are offered separately.

*Training Programs.*—Approved training in either specialty must include instruction in the basic and clinical sciences as applied to both specialties and clinical experience in both specialties. Training programs may be approved for one, two, or three years. The rare one-year program will be approved only on the basis of unique characteristics. It is not essential, or even desirable, that all training centers should adopt exactly the same program or that they should offer a rigidly uniform sequence of experience. It is essential, however, that all hospitals requesting approval for graduate training be able to meet the general and special fundamental requirements described in this section for Psychiatry and Neurology.

*General Requirements.*—The principal purpose of training programs is the training of residents in the clinical experience of diagnosis, prognosis, and therapeutic management of patients. The prime consideration of a training program is that it will be a rich educational experience for the resident in training, and the service functions of the resident should be subordinate to this primary objective. Although such activities as hospital administration, ward management, the teaching of other hospital personnel, and investigation in clinical and basic science are significant and desirable parts of the residency program, they should not displace the chief objective of clinical competence in care of patients. Only programs of demonstrated quality and excellence will be given continuing full approval.

The program director is responsible for providing each resident with a well-organized and integrated educational program. Assisting him should be a staff sufficient in competence and number to provide proper supervision of the residents in all aspects of the professional education and specialty training. The resident should receive regular instruction from members of the staff in theoretical knowledge and in practical experience in the specialty, its history and development, its relation to general medicine and its special diagnostic and therapeutic procedures. Emphasis should be placed on the study of etiology, pathogenesis, symptomatology, and course of the various diseases so that the residents may develop skill and accuracy in diagnosis, mature clinical judgment based on the understanding of the natural history of the diseases, and resourcefulness in therapy. The resident should be taught to comprehend the meanings of complaints, symptoms, and signs in terms of the anatomical, physiological, and psychological mechanisms, as well as in terms of the genetic, social, and cultural attributes of the individual patient.

The clinical material available to each resident must be of such a nature as to encompass a reasonably wide range of experience with respect to diversity of diagnostic categories of patients: their age, sex, cultural, and economic distribution. The load of patients for which each resident is responsible should be commensurate with his ability to study individual patients adequately. The clinical service must be so organized that the resident is in fact responsible for his patients. There should be a reasonable balance between the supervision and the amount of responsibility which the resident actually carries for his patients. This amount of responsibility should increase as the resident advances in his experience.

Clinical case conferences should be an integral part of the bedside clinical teaching. The resident should learn to present patients at the conferences in a precise and thoughtful manner, and he should participate actively in the discussion. It will often be valuable to include in these

conferences other personnel who bear related responsibilities for the care of the patient under discussion. In these, as in all other teaching and training activities, close liaison should be maintained not only between the fields of psychiatry and neurology but also between these and other related medical and allied disciplines. Senior members of the staff should teach residents to observe thoughtfully, communicate the observed clearly, and record the observations so that the records will bespeak the observed rather than the observer.

It is essential that residents with a recent foreign background have sufficient command of grammatical English to insure accurate, unimpeded communication with patients and teachers.

The trainees should at all times be made aware that there are no short cuts to clinical therapeutic experience and no substitutes for hard individual thinking and study. The trainees' critical sense should be stimulated and independence of thought safeguarded. Intellectual coercion should be avoided lest training become mere indoctrination. The trainees should be led, through a wide range of information imparted to them, to choose between various theoretical systems, but the hardship of choice should be strictly theirs, for this is the prerequisite of a sound professional training.

Formal didactic instruction by means of prepared lectures, seminars, assigned reading, and laboratory work is desirable. However, staff meetings, round table conferences, journal clubs, and lectures by visitors, while commendable in themselves, are not satisfactory substitutes for an organized curriculum. The program should not be limited to a single, narrow point of view; rather, residents must become thoroughly acquainted with major developments in the etiology, pathogenesis, and therapy of the various disorders in this country and abroad.

Teaching by residents is essential in a training program. The senior residents should share with their supervisors the responsibility of instructing their juniors, the medical students, and other hospital personnel.

It is desirable to offer opportunities for clinical and basic science investigation to interested and talented residents, but the completion of a research project need not be required from each resident. In no case should research activities supersede the clinical training.

Training centers should provide residents adequate space and facilities for examination of patients, special diagnostic procedures, consultations, interviewing, seminars, and lectures. This space and the necessary equipment should be available in addition to space and equipment required for the hospital laboratories and the ward care and treatment of patients.

A library of basic reference books and of periodical literature should be available to the resident. There should be adequate coverage of the basic literature in psychiatry, neurology, and related fields with sufficiently wide representation of current periodicals and other publications. It is highly desirable that residents and training staff also have available to them the resources of the other libraries in the community and through participation in the American Library Association, General Interlibrary Loan Code.

*Training in Psychiatry.*—The residency in psychiatry must be so designed as to provide the resident with competence in general psychiatry. The resident must be acquainted with the major trends and movements in psychiatric thought, theory and practices. They should be instructed in the descriptive aspects and the psychodynamic interpretation of the symptomatology of mental disorders and, at the same time, be kept aware of the general medical and surgical aspects of the patient's problems. Knowledge of the sciences basic to human behavior, including anatomy, physiology, biochemistry, psychology, and the social sciences both from the normal and pathological standpoints, is essential to the

understanding of disease processes. In all two-year training programs not offering the final year, all those clinical methods which are essential in reaching a diagnostic formulation, such as anamnesis, mental status, use of other diagnostic procedures, psychopathology, psychodynamics, and nosology, as well as theories of personality development, should be presented in the first year.

Although the Residency Review Committee for Psychiatry and Neurology, representing the American Board of Psychiatry and Neurology, Inc., and the Council on Medical Education is unalterably opposed to specifying rigidly either course content or course sequence, here follow some suggestions for directors of training programs:

- A. Organized instruction in the fundamentals of dynamics of the mental illnesses, psychopathology, interviewing techniques, and psychotherapy.
- B. Supervised experience in conducting individual psychotherapy and group therapy, and in the administration of the somatic or physiologic therapies and in ward management.
- C. Sufficient contact through consultation and associated conferences with the services other than their own, such as general medicine, neurology, surgery, and pediatrics, so that the residents may become cognizant of the content and operational framework of these other fields of clinical experience and learn to apply their special training relevantly and helpfully to these fields. Residents should be competent in and responsible for the medical examination and treatment of their patients.
- D. Organized instruction in medical neurology sufficient to gain competence in neurological history-taking, neurological examination, and the differential diagnosis and treatment of the more common affections of the nervous system. This requirement is particularly important because of the natural and frequent blend of the manifest psychiatric processes with the underlying, yet not always immediately obvious, neurological disorders.
- E. Sufficient experience in child psychiatry is essential for the resident in general psychiatry to acquire an understanding of the biology of human growth and development and of the maturational process in infancy and childhood as influenced by the family and by the sociocultural milieu of which the family is a part. This knowledge should be imparted through formal didactic instruction and through supervised clinical experience with children.
- F. Psychosomatic medicine is the term now commonly used to describe many disorders such as anorexia nervosa, peptic ulcer, ulcerative colitis, bronchial asthma, urticaria, eczema and many others in the causal mechanism of which the emotional psychological factors appear to play an important role. The body of information on these disorders and the methods useful for diagnosis and treatment in this field of clinical experience deserve a special place in the program and are to be distinguished from the psychiatric problems common to general medical and surgical practice described in paragraph C.
- G. The special data and methods now being developed under the name of social psychiatry deserve a place in the curriculum. Orientation to "community psychiatry," including the problems of proper provisions for mentally ill patients, public education, public relations, optimal use of social agencies, and proper relations with the courts, as well as some forensic psychiatry are important in psychiatric training.
- H. Active collaborative work with psychologists, social

workers and all other allied personnel is required. Residents should have working familiarity with the more common psychological testing techniques and should learn to correlate them with the clinical data.

- I. Elective time in the schedule of resident training should be provided so that selected residents may have the opportunity to participate in research and to become interested and gain special experience in any of the areas mentioned above or to acquire additional experience in such areas as mental deficiency, congenital and early acquired encephalopathies, the epilepsies, alcoholism, drug addiction, forensic psychiatry, geriatrics, and the like.
- J. Instruction in such elements of physiology, anatomy, endocrinology, biochemistry, pharmacology, psychology, sociology, anthropology, and related disciplines as may be applicable to psychiatry is essential in the curriculum.
- K. Experience with Chronic Psychotic Patients: The resident should acquire competence in the management of patients under continuing long-term residential care in an inpatient setting. It is desired that the residents have experience with a wide variety of mental disorders, including those with schizophrenia, senility, and cerebral arteriosclerosis so that they may appreciate the natural course of these conditions.

*Training in Neurology.*—The primary objective of the training program is to train medical neurologists. This training should be based on supervised clinical work with both outpatients and inpatients and should include not only the specific diseases of the nervous system of various age groups, but also the neurological complications of medical and surgical conditions.

There should be organized instruction in anatomy, pathology, physiology, roentgenology, electrodiagnostic, and other clinical diagnostic techniques in relation to the human nervous system. The residents should be kept abreast with the major developments in biochemistry, endocrinology, microbiology, pharmacology, and experimental psychology as applied to clinical neurology. A qualified resident should be provided with the opportunity for investigative activity.

The residents should have instruction and practical experience in a critical and orderly elucidation and recording of clinical histories, in the methods of clinical examination of the patients, and in the techniques and interpretations of various diagnostic procedures, including roentgenologic studies, electroencephalography, electromyography, psychological testing, biochemical methods, and ophthalmological and otological procedures specially pertinent to clinical neurology. They should learn to correlate the information derived from these techniques and from other laboratory tests with the clinical histories and with the data of bedside observation in the differential diagnosis and in the treatment of the affections of the nervous system. It should be emphasized that learning the elaborate instrumentation and technology of special laboratory procedures should not supersede or detract from the acquisition of the essential clinical experience in the observation of the patients.

In addition to the supervised experience with inpatients and outpatients on the neurology service, residents should participate in consultations and other appropriate liaison operations with the medical, surgical, pediatric, and psychiatric services and their sub-specialties. The neurological outpatient clinics and the consultation services should be supervised by an experienced neurologist, and, where feasible, their activities should be co-ordinated with those of the neurosurgical, pediatric, and psychiatric clinics so that reciprocal consultative services can be readily exchanged between the clinics. There should be an especially close relationship with neurosurgery so that the residents can follow

their patients through whatever neurosurgical operations are performed in the hospitals.

During their period of training the residents should have experience with problems of child neurology, including the neurological examination of newborns and infants. Particular attention should be paid to the changes incident to growth and development of the child and his nervous system.

It is important that the residents should have sufficient opportunities to acquaint themselves with the content and procedures of physical medicine and rehabilitation services.

The residents in neurology should have organized instructions in the examination of the mental status of patients and should be acquainted with the symptomatology and differential diagnosis of the more frequently encountered psychiatric syndromes, especially those associated with the known and demonstrable lesions of the nervous system. They should be cognizant of the psychological aspects of the patient-physician relationship and the importance of personal, social, and cultural factors in the disease process and its clinical expression.

**The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.**

**Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.**

#### Child Psychiatry

There is a basic core of training necessary for competence in Child Psychiatry, no matter what the eventual area of practice, be it in community child guidance clinics, in university teaching centers, in research, public health, administration, private practice, etc. The basic essential of sound training is a practical, well-rounded learning experience in clinical Child Psychiatry. This training should take place in a medically-directed child psychiatry facility.

The training program should offer a well-balanced patient load, supervised treatment, and diagnostic and consultative work with children and their parents. The supervisors of training should be competent, experienced child psychiatrists. The clinical material with which the fellow-in-training has experience should provide not only a wide range of problems of varying types and degrees of severity but also diversification of age, social-economic status, and sex. Training should include experience in working collaboratively with psychiatric social workers and clinical psychologists. There should be provision for co-operative consultative work with medical facilities for children. There should be opportunity for consultative work with various community child-care agencies. During the training experience, there should be practical and didactic teaching. The areas covered should include the practice of Child Psychiatry with diagnosis and differential diagnosis, psychiatric treatment methods including psychotherapy and collaborative treatment, normal and pathological development, and the literature of the field.

Whenever feasible, the career Child Psychiatrist should receive a block of two years of training in Child Psychiatry following his two years in general psychiatry. However, to achieve greater flexibility in the sequence of training for the career Child Psychiatrist, and to assist in recruitment, the training experience for a career Child Psychiatrist may be initiated in any of the three years of General Psychiatric residency training provided that the training be full-time, a block of time spent at any one time is not less than six months, and that if a six-month block is chosen it be followed at another time by not less than an 18-month block of full-time training in Child Psychiatry; two separate 12-month full-time blocks in Child Psychiatry may also be chosen.

There are a number of different patterns of psychiatric facilities for children; not all of these can provide the

necessary well-rounded two-year program in training. After July 1, 1968, training programs approved in Child Psychiatry must be an integral part of a General Psychiatric training program approved for three years or must have a formal educational affiliation with such a program. The written agreement of such affiliation must be signed by the training directors of both programs, and a copy of it filed with the Executive Secretary-Treasurer of the American Board of Psychiatry and Neurology, Incorporated.

The setting in which the training in Child Psychiatry takes place should maintain its own identity and not be so concealed in a larger institution that its training program becomes diffused and not subject to the direction of the child psychiatrist who heads it up. The necessity for basic direction of the clinical and training programs by the child psychiatrist is imperative, no matter what the administrative setting of the training facility is. The current patterns of Child Psychiatry activities and situations providing training would include community child guidance clinics, departments of psychiatry in medical schools, state hospital systems, psychiatric clinics for children which are part of school systems, inpatient treatment services, etc. Some specialized clinical facilities dealing only with preschool children or only with inpatients or with the psychiatric aspects of certain special disease problems, such as cerebral palsy, epilepsy, etc., would not provide an adequate full two-year training experience. Such facilities should attempt through affiliation to provide full, well-rounded training for their trainees.

The training facility should be under the direction of a qualified child psychiatrist and should include qualified and experienced chiefs of psychiatric social work and clinical psychology. There should be such additional Child Psychiatry supervisory and staff personnel as the clinical, teaching, and research needs of the training facility make necessary. There should also be an adequate number of nonprofessional personnel to take care of the clerical and other needs.

There are a number of essential clinical services which must be present in any adequate two-year training program. The referral sources and intake policy for patients should provide for a diversification of case material in regard to age, sex, type, and severity of the clinical problems including mental retardation. The available patient reservoir should provide a well-balanced case load of supervised treatment, diagnostic and consultative work for the trainee. This must always include outpatient clinical experience and work with families, as well as directly with children and adolescents. A well-balanced patient load must include such medical and psychiatric problems that require familiarity with psychobiological and pharmacological modalities of diagnosis and treatment. There must be intensive experience in working collaboratively with psychiatric social workers and clinical psychologists. For those trainees who have no pediatric background, opportunity for attendance at pediatric rounds, conferences, and in the outpatient service should be provided. For all trainees, there should be experience in consultative work with children and adolescents on pediatric and other children's medical services. There should be opportunities for cooperative consultative work with child care agencies in the community. There should also be opportunities for observational visits to nurseries and other community child care agencies.

There are additional desirable clinical services which should be available. The training program should provide opportunities for the trainee to utilize community health, welfare, and educational resources to meet the needs of his patients and their parents, should foster some supervised participation in constructive community mental health activities, and provide opportunities for giving talks to PTAs and other groups. Opportunities for the teaching of medical students, nurses, etc., are highly recommended. Wherever possible, some experience in clinical child psychiatric in-

vestigation should be fostered, particularly during the second year of training.

There are certain minimal physical facilities essential to an adequate training program. There should be adequate equipped office space providing sufficient privacy for the diagnosis and treatment of children and their parents. Special space and equipment for general physical examinations should be present, or such examinations should be readily available in a nearby medical facility with which adequate liaison has been established. Training clinics should have a good professional library, including the basic text and periodicals, both historical and current, in the field of Child Psychiatry and related fields. There should be an adequate record system.

The core of the training experience lies in the quality of the supervision of the fellow's clinical work. The training supervisor should be competent, engaged in the practice of diagnosis and treatment of children and their parents. He should not only be professionally competent, but should understand the supervisory process. It is desirable in the two-year period that the fellow have experience with more than one supervisor. Each trainee should have at least two hours of supervision per week.

Practical teaching occurs through regular staff conferences and meetings together of the staff around clinical functions, such as intake, diagnosis, and treatment. Such conferences allow for some didactic teaching and facilitate interdisciplinary communication. The fellow-in-training should be required to attend such conferences. Didactic teaching in the training program can take place through seminars or in other ways. The areas to be covered should include the principles and practice of Child Psychiatry, diagnosis, psychotherapy, the collaborative treatment of the child and his family, the roles and specific contributions of the psychiatric social worker and clinical psychologist, the literature of the field, normal and deviant personality development, and special diagnostic and treatment techniques, etc. Since the areas of practice in Child Psychiatry are manifold, child psychiatric activities take place in a number of different settings and under a number of different administrative auspices. These include community child guidance clinics, university teaching centers, private practice, public health, state hospital systems (inpatient, outpatient clinics, and state-wide administration), consultative work with various types of special disease problems such as cerebral palsy, epilepsy, or pediatric services, and in the teaching of the principles of Child Psychiatry to non-psychiatric medical practitioners, in courts and school systems. It is a part of the obligation of the training center to make sure that a trainee who has already selected his area of activity in Child Psychiatry gets some teaching in the areas of administration, etc., which would be appropriate.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

#### 19. Special Requirements for Residency Training in Radiology, Diagnostic Radiology, and Therapeutic Radiology

Residencies of three years' duration should provide training in all divisions of the specialty: diagnostic roentgenology, therapeutic radiology (including therapy by means of radium or one of its substitutes), and nuclear medicine.

The training should be systematic and progressive in character with gradual assignment of responsibility. It should also include an active participation in radiologic conferences, staff meetings and joint conferences with other departments.

During the three-year period of training, the resident will

spend 24 months in diagnostic roentgenology and 12 months in therapeutic radiology. It is expected that during this time the resident will receive instruction in diagnostic and therapeutic nuclear medicine, in radiation physics, in health physics and protection, in radiation biology, in pathology, in the pertinent areas of electrical engineering, in special as well as the more common diagnostic roentgenologic procedures and in the use of all accepted modalities of radiation therapy.

The radiologic training in the organ systems should be on a plane that requires the resident to become conversant with physiology of the normal individual and the pathologic physiology of disease. This should include knowledge of the biological and pharmacological action of contrast media and other drugs used in radiologic procedures.

In view of the importance of pathology as a basis for radiologic diagnosis and therapy, stress should be placed on its study. Credit will be given for pathology up to a maximum of three months. The pathology may be taught concurrently throughout the three years or as a separate full-time assignment. Instruction in radiation physics and radiobiology may run concurrently with part or all of the training program.

The relationship of the radiology department to residencies in other fields is stated in Sections 1 and 2 of these Essentials.

*Quantitative Requirements.*—In residencies covering the entire field of radiology, it is desirable that there be a minimum of 20,000 roentgenographic examinations per year (which include a satisfactory spread of examinations in various systems) and a minimum of 1,500 radiotherapeutic procedures related to cancer (which include at least superficial and orthovoltage therapy). Experience with a variety of surface, intracavitary and interstitial treatments by means of radioactive substances must be provided. The caliber of the training program in a fairly wide field is of more importance than the exact number of examinations and treatments.

*Applied Basic Science Instructions.*—In the applied basic sciences, emphasis should be placed on instruction in pathological anatomy, physiology, radiation physics and radiobiology. Such work should be closely related with clinical experience.

#### *Diagnostic Radiology*

The residency in diagnostic radiology should provide advanced training in the diagnostic aspects of the field of radiology with the intent of producing a highly trained clinical specialist. The scientific environment in which the training occurs should be sufficiently broad to permit experience in the fields of research and teaching as it concerns diagnostic radiology.

*Definition.*—Diagnostic radiology is understood to encompass all aspects of roentgen diagnosis as well as diagnostic applications of nuclear medicine.

*Duration of Training Period.*—The minimal training period in diagnostic radiology shall be three years. It shall provide a program of graded study, experience and responsibility in all facets of roentgen diagnosis, clinical applications of diagnostic nuclear medicine and health physics and protection.

*Institutional Requirements.*—The institution offering a residency in diagnostic radiology should be of such size and composition as to be able to provide ample clinical material for training purposes. The program should provide adequate opportunity for the trainee to participate in and personally perform neuroradiologic, cardiovascular and other specialized roentgen diagnostic studies.

*Departmental Requirements.*—**STAFF**—The attending staff has the responsibility to insure a system of graded experience commensurate with the level of training. Increasing resident responsibility in respect to patient care should be an important feature of the training period. While various functions of the resident training program may be delegated

to one or several members of the attending staff, the training program should be under the supervision of a full-time staff member who is recognized as a specialist in radiology or diagnostic radiology.

*Education Requirements of the Residency:*

(1) One full-time radiologist per each two residents in training would seem to provide adequate opportunity for teaching and supervision.

(2) The residency program should be so planned that residents receive adequate instruction and individual training in all of the diagnostic subspecialties, as well as health physics and protection, radiation therapy and pathology.

Formal instruction in physics and radiobiology, and experience in diagnostic nuclear medicine are required.

(3) It is important that appropriate materials be placed on the necessity for correlated teaching rounds or conferences. The number of such teaching rounds should include at least one weekly conference for each of the major clinical departments. In addition, there should be frequent intra-departmental teaching conferences.

(4) Research—It is expected that the resident participate in the research opportunities of the department. This is perhaps best accomplished by the assignment of the resident for a specific period to the research facilities of the department.

(5) Library Facilities—A departmental library is essential and must contain a sufficient variety of texts and journals to meet the needs of the various levels of resident training. There should also be easy access to a general library.

(6) Teaching-Film Museum—A film museum indexed, coded and currently maintained with continuing follow-up should be available for resident use.

A well-balanced educational program at this level requires diversity of clinical material, continuous clinical teaching and an active investigative and research effort.

*Therapeutic Radiology*

*Purpose of Residency in Therapeutic Radiology.*—The practice of therapeutic radiology is, in major degree, the management of patients with malignant disease with special competence in the therapeutic use of ionizing radiation. The residency program in this specialty should be designed to give the residents:

(1) Experience in the actual use of all accepted common modalities of radiation therapy of the various types and locations of cancer.

(2) Knowledge of diagnostic radiology and the basic sciences related to radiation therapy and malignant disease.

(3) General knowledge of the techniques, methods and results of other forms of cancer managements so that he may be able to assess the merits of all methods of treatment of malignant disease.

*Duration of Training Period.*—The minimal training period in therapeutic radiology shall be three years.

*General Requirements.*—The caliber of all facets of the training program is of extreme importance. Guides to be used for approval of such a training program in therapeutic radiology follow:

(1) **INSTITUTIONAL REQUIREMENTS:** The institution offering the residency should have active programs in cancer surgery and cancer chemotherapy as well as in radiotherapy. The institution should have a tumor registry. The institution applying for approval will be expected to fulfill the requirements without recourse to establishing affiliated programs with other institutions.

(2) **DEPARTMENTAL REQUIREMENTS:**

(a) The training program should be under the supervision of a full-time radiologist who is recognized as a specialist in radiation therapy.

(b) The department should be staffed so that full-time supervision may be given to the resident. There should

be at least one staff radiotherapist per each three residents in training.

(c) A full-time radiological physicist must be available.

(d) Experience in all of the major modalities of radiotherapy must be provided. These include superficial, orthovoltage and supervoltage teletherapy, interstitial and intracavitary gamma-ray therapy and therapeutic nuclear medicine.

(e) Patient material should be of sufficient magnitude to provide a broad experience in the actual treatment and follow-up of the various types of cancer amenable to radiation therapy. Departments which specialize in the treatment of cancer in certain anatomic areas to the practical exclusion of other areas do not provide a well-rounded program for training in the entire field.

(f) The radiotherapist should be in control of his in-patient service and out-patient clinic.

(3) **ALLIED BASIC SCIENCES:** Allied basic sciences pertinent to the radiation therapy include radiation physics, radiation biology, pathology with emphasis on neoplasia, and medical statistics.

It is suggested that the resident be assigned for a six-month period to the department of Pathology on a full-time basis.

Radiation physics and radiation biology may be taught in the form of didactic lectures, seminars, and practical laboratory exercises.

(4) **ALLIED CLINICAL FIELDS:** Paramount allied clinical fields are diagnostic radiology, cancer surgery and cancer chemotherapy. The resident should become familiar with the methods, techniques and results in these fields. These may be done by regular attendance at tumor conferences, departmental conferences and/or by actual assignment.

(5) **RESEARCH:** The resident should participate in research opportunities either at the clinical level or in one of the allied basic sciences. At least one research project should be completed and certified to by the program director.

It should be emphasized that the above recommendations provide only minimal standards.

The American Board of Radiology certifies physicians in the entire field of radiology including nuclear medicine, diagnostic radiology and therapeutic radiology.

An applicant for the examination in any radiologic field must have completed, after an approved internship, a period of study of at least three years in a department approved for radiologic training, followed by one year of additional experience (practice, training or research) in radiology or allied sciences.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

**20. Special Requirements for Residency Training in Thoracic Surgery**

Thoracic surgery residencies should be so organized as to provide experience and tutelage in all aspects of surgical diseases of the thorax, thereby relating pathology, physiology and the basic sciences to clinical experience.

The surgical experience must encompass two years of graded responsibility, likewise, as nearly as possible, in all aspects of the field. To achieve this, affiliations between complementing services or institutions and utilization of cardiopulmonary laboratories as well as research facilities are to be encouraged.

*Prerequisites.* Residents in approved programs should have completed the training requirements for examination by the American Board of Surgery or should have completed such re-

quirements at the conclusion of a specified period of the training in thoracic surgery. The moral and ethical standards of the candidate must be acceptable.

**Duration of Training.** Programs should preferably be of two years' duration during which time the candidate's surgical experience should by preference be exclusively in the field of thoracic disease, and the twenty-four months should by preference be consecutive.

When affiliations occur between services or institutions where special emphasis is placed on particular segments of the field, (cardiovascular, neoplasms, tuberculosis, etc.) rotation should be spaced so that proper benefit will be obtained from each training period. Simultaneous service at more than one institution is deemed ill-advised because continuity of experience is sacrificed and the resident may well become an "unessential" part of the staff and assume the role of an itinerant observer.

Where the thoracic surgery experience is obtained on a program which integrates general and thoracic surgery, the adequacy of this experience must be evaluated on an individual basis. Candidates for examination whose training is acquired on such "mixed" services should request a review on an individual basis of their experience by the Board of Thoracic Surgery.

**Scope of Training.** The training must be so planned as to fulfill the following objectives:

- (a) Thorough understanding of the basic sciences as they apply to thoracic surgery.
- (b) Graded and progressive assumption of operative responsibility.
- (c) Finally, assumption of relatively complete responsibility for the patient's care under proper supervision.

**Clinical Material.** Since few hospitals are capable of providing uniform experience in all aspects of this field, affiliations are encouraged between diverse services. These areas of varying emphasis include: cardiovascular diseases, pulmonary diseases (non-tuberculous), diseases of the mediastinum including the esophagus, tuberculosis, and the chest wall, including diaphragm. Training in endoscopic techniques should be included.

Where services are highly developed in one particular area such as cardiovascular disorders or tuberculosis, approval of programs has in the past been given for a total of one year. In the future, such approval will not be granted to institutions for only one year, and candidates who have received training in more than one institution must submit detailed information to the Credentials Committee of The Board of Thoracic Surgery, as is required of candidates from "mixed" training programs.

Approved residencies should include no more than six months of intensified activity in research (animal surgery), cardiopulmonary laboratories or on medical (non-surgical) services.

Due consideration is given to the value of experience obtained on private services, particularly when combined with "ward" or "free" beds but preceptorship type training alone is not approved.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

## 21. Special Requirements for Residency Training in Urology

Residency instruction in urology should be systematic and progressive in character to the end that adequate training may be obtained in diagnosis, therapy, cystoscopic examinations, pyelography, and operative procedures, all under the supervision of a well-qualified urologist. Such a progressive type of instruction predicates continuity of supervision by the Head or Chief of Service for a sufficient number of years, which ideally constitutes a length of service of three to five years or longer, to assure stability in the direction of the educational program. The position of Chief of Service should not be an honorary appointment but should be held by the urologist best fitted for this responsibility. The urologic staff should be composed of urologists who are highly qualified in both surgical skill and judgment. It should be organized and harmonious, with the designated Head or Chief of Service responsible for the quality of work done in the department. The members of the staff should have a real interest in teaching and the welfare of the residents and must be willing to give the time and effort required by the educational program. Teaching rounds and departmental conferences are essential for systematic clinical instruction. As preliminary training for residencies in urology, the Residency Review Committee recommends one year of internship and one year of training at the graduate level in surgery, medicine, or a related basic science. It is acceptable that any formally integrated service may permit some variation on the one-year basic science, general surgery, and internal medicine requirement, provided it is completed prior to the senior year.

The department must provide adequate facilities for surgery and special urologic procedures. Training in surgical technic should be sufficient to enable residents to undertake operative work on their own responsibility, especially toward the end of the residency program.

The clinical material should be sufficient in amount and variety to fulfill the teaching needs of the service. Hospital patients should be supplemented by outpatient material in cystoscopic and general urologic clinics.

**Quantitative Requirements.**—Ordinarily a minimum of 200 inpatients a year is necessary for acceptable residency training in urology.

**Applied Basic Science Instruction.**—Instruction in the applied basic sciences can readily be integrated with the clinical experience. This should be supplemented by conferences in embryology, anatomy, physiology, microbiology, endocrinology, radiology, and biochemistry. Particular emphasis should be placed on the study of pathology, and residents must be required to examine both grossly and microscopically all urologic specimens removed during their term of service. Such work should be closely correlated with the clinical experience. See Sections 1-9 of these Essentials for a discussion of applied basic medical science instruction.

The provisions of the General Requirements (Sections 1 to 10) must also be met for approval.

Residents who plan to seek certification by an American board should communicate with the secretary of the appropriate board, as listed in Section IV, to be certain regarding the full requirements for certification.

**SPECIAL NOTE:** Certain sections of the "Essentials of Approved Residencies" have been renumbered, and now precede the section on "Special Requirements." These include: II. Personal Record; III. Miscellaneous; IV. Recording of credit.



# Requirements for Certification

## AMERICAN SPECIALTY BOARDS

Examining and certifying boards in 19 specialties have been approved by the Council on Medical Education of the American Medical Association and the Advisory Board for Medical Specialties on the basis of minimal standards governing accreditation of specialty boards as formulated by the Council.

The primary purposes of the boards are (1) to conduct investigations and examinations to determine the competence of voluntary candidates for certificates issued by the respective boards, (2) to grant and issue certificates of qualification to candidates successful in demonstrating their proficiency, (3) to stimulate the development of adequate training facilities, (4) to aid in evaluating residencies under consideration by the Council on Medical Education of the American Medical Association, and (5) to advise physicians desiring certification as to the course of study and training to be pursued.

The boards are in no sense educational institutions, and the certificate of a board is not to be considered a degree. It does not confer on any person legal qualifications, privileges, or a license to practice medicine or a specialty. The boards do not purport in any way to interfere with or limit the professional activities of any licensed physician, nor do they desire to interfere with any practitioners of medicine in any of their regular or legitimate duties.

Three boards also certify candidates in subspecialties. Certification in the primary field is a requirement for certification in the subspecialties. The American Board of Internal Medicine certifies in allergy, cardiovascular disease, gastroenterology, and pulmonary diseases. The American Board of Pediatrics certifies in allergy and cardiology. The American

Board of Psychiatry and Neurology certifies candidates in child psychiatry. The Board of Thoracic Surgery, which is organized as an affiliate board of the American Board of Surgery, requires certification in surgery as prerequisite to certification in thoracic surgery.

Certificates in special divisions of their specialty are conferred by six boards. These are listed in Table 2 for the American Board of Pathology, the American Board of Preventive Medicine, the American Board of Psychiatry and Neurology, the American Board of Radiology, and for those issued in the past by the American Board of Obstetrics and Gynecology, and the American Board of Otolaryngology.

Table 1 has been assembled primarily as an aid to graduates of foreign medical schools, to indicate that each specialty board will accept the foreign graduate under certain conditions. The table is incomplete, however, as the varying requirements of the boards cannot be shown in full detail.

Most of the American specialty boards publish at intervals booklets listing their officers and statements on the requirements for certification. These details are also included for each board in the Directory of Medical Specialists described below, and in a reprint, available upon request, covering pages 311-359 of the Directory of Approved Internships and Residencies, entitled "Requirements for Certification."

In this issue of the Directory, information is published, with the consent of each board, on requirements for certification for the convenience of those physicians planning to seek certification. Any specific inquiry concerning certification by a specialty board should be addressed to the appropriate official whose name and address are listed in Table 4.

Table 2 has been expanded to provide additional information on active certificates. As before, the first column indicates certificates issued during the past year, July 1, 1967, to

TABLE 1.—Summary of American Specialty Board Requirements

Specialty Board	Graduates of U.S., Canadian or Puerto Rican Medical Schools							Foreign Medical Graduates Special or Additional Requirements				All Graduates				
	Citizenship	Graduation from Approved Medical School	License to Practice	Approved Internship	Years of Residency or Other Formal Training	Years of Practice or Other Special Activities	Periods of Credit in Related Fields	Credit for Military Services	Alternate Plans for Training	Medical Society Membership	Accepted under Certain Conditions	Board Accepts Screening by Nat. Bd. Med. Exam., ECFMG, or Other Method	Special Certificate or Statement Granted	Standard Certificate Granted	Application or Registration Fee	Total Fee
Anesthesiology.....	..	x	x	x	2-3	4-1	..	..	x	..	x	..	x	75	175	7
Colon and Rectal Surgery.....	x	x	x	x	4-5	..	x	..	..	..	x	..	x	25	175	..
Dermatology.....	x	x	x	x	3	..	..	..	..	..	x	..	x	25	150	2
Internal Medicine <sup>1</sup> .....	..	x	x	x	3	..	..	x	..	..	x	..	x	70	225	5
Neurological Surgery.....	..	x	x	x	4	2	..	..	..	..	x	..	x	25	200	3
Obstetrics and Gynecology.....	x	x	x	x	3	2	..	..	x	..	x	..	x	25	200	3
Ophthalmology.....	..	x	x	..	3	1	..	x	..	..	x	..	x	150	250	2
Orthopedic Surgery.....	..	x	x	x	4	..	..	x	..	..	x	..	x	25	225	3
Otolaryngology <sup>2</sup> .....	..	x	..	x	4	1	..	..	x	..	x	..	x	125	255	3
Pathology.....	..	x	x	..	2	2	x	..	..	..	x	..	x	150	150	3
Pediatrics <sup>3</sup> .....	..	x	x	x	2	2	x	..	..	..	x	..	x	175	175	..
Physical Medicine and Rehabilitation.....	..	x	x	x	2	2	x	..	..	..	x	..	x	25	175	7
Plastic Surgery.....	x	x	..	x	5	2	x	..	..	..	x	..	x	50	175	3
Preventive Medicine.....	..	x	x	x	3	3	x	..	..	..	x	..	x	35	175	3
Psychiatry and Neurology <sup>4</sup> .....	..	x	x	x	3-5	2-1	x	..	..	..	x	..	x	100	200	3
Radiology.....	x	x	x	x	3	1	..	x	..	..	x	..	x	200	200	..
Surgery.....	..	x	x	x	3-4	2-0	..	x	..	..	x	..	x	25	200	3
Thoracic Surgery <sup>5</sup> .....	..	x	x	x	2	..	x	..	..	..	x	..	x	25	125	3
Urology.....	..	x	x	x	4	2	x	..	..	..	x	..	x	100	200	..

1. Also certifies in the subspecialties of Allergy, Cardiovascular Disease, Gastroenterology, and Pulmonary Disease.

2. Limited certification granted at the discretion of the Board.

3. Also certifies in subspecialties of Allergy and Cardiology.

4. Also certifies in subspecialty of Child Psychiatry.

5. Certification by American Board of Surgery prerequisite.

6. Applicant may be considered "Board eligible" only for number of years indicated; thereafter, new application must be submitted.

NOTE: In this table, those items are marked "X" on which the Board makes specific statement. In most instances, there are additional qualifying statements not indicated in this table. In all instances, refer for details to the board requirements which follow. While all boards may accept the foreign medical graduate under certain circumstances, they do not all specify that ECFMG certification is required. ALL FOREIGN GRADUATES WHO CONTEMPLATE SPECIALTY BOARD CERTIFICATION SHOULD CORRESPOND WITH THE APPROPRIATE BOARD AT THE EARLIEST POSSIBLE MOMENT.

TABLE 2.—Approved Examining Boards in Medical Specialties

Name of Board	Certificates Awarded		Active Certificates as of 12/30/67†			TOTALS
	7/1/67 through 6/30/68	Total to 6/30/68	U.S. Grads.	Canadian Grads.	Foreign Grads.	
American Board of Anesthesiology.....	311	4,462	3,306	136	521	3,963
American Board of Colon and Rectal Surgery.....	10	379	279	6	16	301
American Board of Dermatology.....	121	2,796	2,077	62	140	2,279
American Board of Internal Medicine.....	1,061	19,338	15,699	203	440	16,342
American Board of Neurological Surgery.....	75	1,390	1,067	36	83	1,186
American Board of Obstetrics and Gynecology.....	657	10,165	7,920	172	347	8,439
American Board of Ophthalmology.....	270	6,971	4,863	130	268	5,261
American Board of Orthopaedic Surgery.....	556	5,661	4,270	120	162	4,552
American Board of Otolaryngology.....	153	6,403	3,562	123	221	3,986
American Board of Pathology.....	591	8,678	4,602	191	1,014	5,807
Anatomic Pathology.....	** (144)	(3,938)	—	—	—	—
Anatomic Pathology and Medical Microbiology.....	(0)	(1)	—	—	—	—
Anatomic Pathology and Clinical Pathology.....	(269)	(2,731)	—	—	—	—
Anatomic Pathology and Neuropathology.....	(7)	(22)	—	—	—	—
Medical Chemistry.....	(1)	(24)	—	—	—	—
Medical Microbiology.....	(0)	(31)	—	—	—	—
Medical Microbiology and Medical Chemistry.....	(0)	(1)	—	—	—	—
Clinical Pathology.....	(149)	(1,658)	—	—	—	—
Forensic Pathology.....	(8)	(172)	—	—	—	—
Hematology.....	(1)	(24)	—	—	—	—
Neuropathology.....	(12)	(76)	—	—	—	—
American Board of Pediatrics.....	685	12,396	9,045	176	858	10,079
American Board of Physical Medicine and Rehabilitation.....	53	710	346	13	89	448
American Board of Plastic Surgery.....	52	854	659	12	39	710
American Board of Preventive Medicine.....	125	2,701	1,787	41	54	1,882
Aerospace Medicine.....	(32)	(535)	—	—	—	—
Occupational Medicine.....	(24)	(540)	—	—	—	—
Public Health.....	(64)	(1,568)	—	—	—	—
General Preventive Medicine.....	(15)	(58)	—	—	—	—
American Board of Psychiatry and Neurology.....	277	9,551	6,834	271	960	8,065
Psychiatry.....	(223)	(7,704)	—	—	—	—
Neurology.....	(53)	(853)	—	—	—	—
Psychiatry and Neurology.....	(1)	(994)	—	—	—	—
American Board of Radiology.....	482	10,120	6,768	145	546	7,459
Diagnostic Roentgenology.....	(0)	(930)	—	—	—	—
Diagnostic Radiology.....	(52)	(107)	—	—	—	—
Medical Nuclear Physics.....	(0)	(7)	—	—	—	—
Radiological Physics.....	(8)	(104)	—	—	—	—
Radiology.....	(403)	(7,599)	—	—	—	—
Radium Therapy.....	(0)	(8)	—	—	—	—
Roentgen Ray and Gamma Ray Physics.....	(1)	(26)	—	—	—	—
Roentgenology.....	(0)	(1,018)	—	—	—	—
Therapeutic Radiology.....	(18)	(316)	—	—	—	—
Therapeutic Roentgenology.....	(0)	(5)	—	—	—	—
American Board of Surgery.....	729	16,776	13,463	237	675	14,375
Board of Thoracic Surgery (Affiliate of the American Board of Surgery)	163	2,114	1,721	30	151	1,902
American Board of Urology.....	179	3,751	2,806	45	110	2,961
Totals.....	6,550	125,216	91,104	2,149	6,694	99,947

Certification in Subspecialties	
American Board of Internal Medicine	
Allergy.....	243
Cardiovascular Disease.....	967
Gastroenterology.....	576
Pulmonary Diseases.....	368
Total.....	2,154
American Board of Pediatrics	
Allergy.....	241
Cardiology.....	240
Total.....	481
American Board of Psychiatry and Neurology	
Child Psychiatry.....	510
American Board of Surgery	
Proctology.....	81*
Total Subspecialty Certifications.....	3,226

Special Certification:	
(certificates issued prior to current reporting period):	
American Board of Obstetrics and Gynecology:	
Obstetrics.....	24
Gynecology.....	15
Total.....	39
American Board of Otolaryngology:	
Endoscopy.....	4

\*Independent Board in 1949.

\*\*Numbers in parentheses ( ) are included in totals opposite name of Board.

†Does not include physicians permanently located outside the United States and Possessions.

June 30, 1968; the second column shows the total certificates awarded to June 30, 1968, by each board, including certificates in the subspecialties and special certificates.

The columns under the heading "Active Certificates" show the number of certificates now in effect held by U.S. graduates, graduates of Canadian medical schools, and graduates of foreign medical schools. The figures do not include physicians now permanently located outside the United States and its possessions.

As of December 31, 1967, the records of the AMA Circulation and Records Department listed a total of 99,947 individual specialty board certifications recorded on the biographical records of living physicians; 212,624 living physicians were listed as not certified by an approved specialty board. When these two figures are added, the total is greater by 3,088 than the total of all physicians, which was 309,483 as of December 31, 1967. It is presumed, therefore, that 96,859 were actually certified by specialty boards and, of these,

3,088 had been certified by more than one board.

Table 3 shows that a cumulative total of 118,666 certificates was awarded by the 19 specialty boards to June 30, 1967.

TABLE 3.—Annual Specialty Board Certification, 1948-1968.

Year (Ended March)	No. of Boards In Existence	Number of Certificates Issued	Cumulative Totals
1948	16	3,002	31,498
1949 (June 30)	19*	4,479	35,977
1950 (June 30)	19	3,827	39,804
1951 (June 30)	19	4,552	44,356
1952 (June 30)	19	4,118	48,474
1953 (June 30)	19	4,022	52,496
1954 (June 30)	19	4,133	56,619
1955 (June 30)	19	3,843	60,464
1956 (June 30)	19	3,083	63,727
1957 (June 30)	19	5,424	69,151
1958 (June 30)	19	3,970	73,121
1959 (June 30)	19	4,306	77,427
1960 (June 30)	19	3,985	81,408
1961 (June 30)	19	4,234	85,642
1962 (June 30)	19	4,826	90,468
1963 (June 30)	19	5,376	95,844
1964 (June 30)	19	5,598	101,442
1965 (June 30)	19	5,386	106,827
1966 (June 30)	19	5,852	112,679
1967 (June 30)	19	5,987**	118,666**
1968 (June 30)	19	6,550	125,216

\* One board, the American Board of Proctology, did not certify any candidates during this period.

\*\* Adjusted following previous report.

Thereafter, 6,550 certificates were issued, bringing the total to 125,216 on June 30, 1968. In the sub-specialties, 192 certificates were issued, for a total of 3,226 on the same date.

The current, twelfth edition of the Directory of Medical Specialists, compiled by the Advisory Board for Medical Specialties and published by Marquis-Who's Who, Chicago, in 1965 contained biographical and educational information on each living specialist (including those retired from practice) who had been certified by an examining board approved by the American Medical Association. The Secretary of the Advisory Board for Medical Specialties is Louis A. Buie, Sr., M.D., Kahler Center, Suite J, Rochester, Minnesota 55901.

The Advisory Board for Medical Specialties serves approved American specialty boards in an advisory capacity and cooperates with other organizations that seek its advice concerning certification of medical specialists. In this manner, it attempts to advance the standards of the medical profession and to provide assurance that only those physicians who possess appropriate qualifications will be certified by approved specialty boards. The Advisory Board is composed of two representatives selected by each of its member organizations.

The Advisory Board and the Council on Medical Education of the American Medical Association jointly issued in June 1963 a revision of the "Essentials for Approval of Examining Boards in Medical Specialties," which document was approved by the House of Delegates of the American Medical Association. It was published in the JAMA Volume 194, pages 784-786, November 15, 1965. Copies of the "Essentials" may be obtained from the Secretary of the Advisory Board, or from the Department of Graduate Medical Education, American Medical Association, Chicago.

Table 4.—Names of Corresponding Officers of Approved Specialty Boards

Name of Board	Date Activated	Corresponding Officer	Address	Data Begin on Page
American Board of Anesthesiology	1937	Forrest E. Leffingwell, M.D., Secretary-Treasurer	100 Constitution Plaza Hartford, Conn. 06103	314
American Board of Colon and Rectal Surgery	1949	Stuart T. Ross, M.D., Secretary	520 Franklin Avenue Garden City, N.Y. 11530	315
American Board of Dermatology	1932	Clarence S. Livingood, M.D., Secretary	Henry Ford Hospital Detroit, Mich. 48202	316
American Board of Internal Medicine	1936	Palmer H. Fitcher, M.D., Executive Director	3930 Chestnut Street Philadelphia, Pa. 19104	317
American Board of Neurological Surgery	1940	Guy L. Odom, M.D., Secretary-Treasurer	Duke University Medical Center Durham, N.C. 27706	322
American Board of Obstetrics and Gynecology	1930	Clyde L. Randall, M.D., Secretary-Treasurer	100 Meadow Road Buffalo, N.Y. 14216	323
American Board of Ophthalmology	1916	Francis H. Adler, M.D., Secretary-Treasurer	8870 Towanda St., Philadelphia, Pa. 19118	327
American Board of Orthopaedic Surgery	1934	Paul R. Lipscomb, M.D., Secretary	430 N. Michigan Blvd. Room 800 Chicago, Ill. 60611	330
American Board of Otolaryngology	1924	Dean M. Lierle, M.D., Secretary-Treasurer	University Hospital Iowa City, Iowa 52240	333
American Board of Pathology	1936	A. James French, M.D., Secretary-Treasurer	Office of the Board, Suite 1820 610 N. Florida Ave., Tampa, Fla. 33602	335
American Board of Pediatrics	1933	Ralph V. Platou, M.D., Executive Secretary	6 Bryn Mawr Avenue Bryn Mawr, Pa. 19010	338
American Board of Physical Medicine and Rehabilitation	1947	Earl C. Elkins, M.D., Secretary-Treasurer	200 First Street, S.W. Rochester, Minn. 55901	342
American Board of Plastic Surgery	1937	George F. Crikelair, M.D., Secretary-Treasurer	4647 Pershing Avenue St. Louis, Mo. 63108	344
American Board of Preventive Medicine	1948	Harold V. Ellingson, M.D., Secretary-Treasurer	410 W. 10th Avenue Columbus, Ohio 43210	347
American Board of Psychiatry and Neurology	1934	David A. Boyd, Jr., M.D., Executive Secretary-Treasurer	Box 1157 Rochester, Minn. 55901	350
American Board of Radiology	1934	H. Dabney Kerr, M.D., Secretary	Kahler Hotel Bldg. Rochester, Minn. 55901	354
American Board of Surgery	1937	Robert M. Moore, M.D., Secretary-Treasurer	1617 John F. Kennedy Blvd. Philadelphia, Pa. 19103	355
American Board of Urology	1935	James H. McDonald, M.D., Secretary	Apt. 1C, Glover Landing, Brackett Place Marblehead, Mass. 01945	359
Board of Thoracic Surgery	1949	Rollin A. Daniel, Jr., M.D., Secretary-Treasurer	1151 Taylor Avenue Detroit, Mich. 48202	358

## AMERICAN BOARD OF ANESTHESIOLOGY

JOHN ADRIANI, President, New Orleans  
 ALBERT FAULCONER, Vice President, Rochester, Minn.  
 RICHARD H. BARRETT, Hanover, N.H.  
 ALBERT M. BETCHER, New York City  
 WILLIAM K. HAMILTON, San Francisco  
 ARTHUR S. KEATS, Houston, Texas  
 DAVID M. LITTLE, JR., Hartford, Conn.  
 JAMES H. MATTHEWS, Minneapolis  
 ROBERT T. PATRICK, Casper, Wyo.  
 FORREST E. LEFFINGWELL, Secretary-Treasurer, Pasadena, California; Office of the Board, 100 Constitution Plaza, Hartford, Conn. 06103

## METHOD OF MAKING APPLICATION

Application for admission to the examination may be made only after a physician has completed two years of approved training. Application must be made to the Secretary on a form prescribed by the Board, procured only on written request of the applicant. The application must be filed on or before January 10 prior to the date of examination. Eligibility rulings are made only by the entire Board on recommendation of the appropriate committees. This activity is not a function of the Secretary.

## REQUIREMENTS

Each applicant, before he shall become eligible for certification as a Diplomate in Anesthesiology, must:

1. Have been graduated from a medical school approved by the Council on Medical Education of the American Medical Association, or have been screened by organizations acceptable to the Board (ECFMG or National Board of Medical Examiners); and
2. Establish in a manner satisfactory to the Board that (a) he is a physician duly licensed by law to practice medicine, (b) he has completed a satisfactory internship, (c) he is of high ethical and professional standing; and
3. Submit proof to the Board that he has acquired special training in Anesthesiology according to either of the two plans outlined in the succeeding paragraphs.

## Plan 1

Under this plan the Board requires a residency in anesthesiology of not less than three years, at least two of which must be devoted to clinical training. The residency must be in an institution approved for three years of training by the Residency Review Committee acting for the Council on Medical Education of the American Medical Association and for the American Board of Anesthesiology, Inc.

In a three-year residency the Board will require one or two of the following equivalents for not more than one year of the total three-year training period.

- a) Research approved by the program director;
- b) Training in clinical anesthesia that is more advanced and developed than the usual experience gained during the course of approved two-year programs;
- c) Study in a basic science or a clinical discipline other than anesthesiology

In addition, there must be one year of practice acceptable to the Board following the three year period of residency training.

## Plan 2

Under this plan the training requirement is a residency in anesthesiology of not less than two years, both of which must be devoted to clinical training. The residency must be in an institution approved for such training by the Residency Review Committee acting for the Council on Medical Education of the American Medical Association and for the American Board of Anesthesiology, Inc.

In addition, there must be four years of practice acceptable to the Board following the period of residency training. Three years of practice time credit may be granted at the discretion of the Board for work outside the field of anesthesiology in the following categories, providing that such is achieved within five years of starting the residency in clinical anesthesiology;

- a) a year of scientific work, post-baccalaureate
- b) a year of approved residency training in any medical specialty accredited by the Advisory Board for Medical Specialties
- c) a Ph.D. in the field of science

Each applicant shall be classified for the purposes of examination, and shall be examined in such a manner and under such rules as the Board may prescribe. The Board, acting as a committee of the whole, reserves the right to reject an applicant for any reason deemed advisable and without stating the same, and the action of the Board shall be final.

## EXAMINATIONS

1. Written Examination.—Eligible applicants may take this examination upon completion of either (a) two years of approved residency training plus one year of practice acceptable to the Board, or (b) three years of approved training including equivalent. Written examinations are held annually in approximately 18 locations throughout the United States on the second Friday in July. Written examinations cover the basic and applied aspects of anatomy, chemistry and physics, pharmacology, pathology, and physiology. A passing grade, as determined by the Board, is required.

2. Survey Examination.—The Board may require a survey in addition to the letters and annual reports which it currently requires.

3. Oral Examination.—After the appropriate period of practice acceptable to the Board the candidate's qualifications are reviewed and he may be declared eligible to appear for the oral examination. However, at least six months must elapse between the written and oral examination. Examinations are conducted semi-annually, in the spring and fall. Examiners consist of Directors of the Board, and Diplomates who assist as associate examiners. Oral examinations cover all phases of Anesthesiology, including the basic sciences and clinical applications.

Applicants are entitled to three opportunities at yearly intervals to take the written examination. This three-year period begins on the date an applicant is first declared eligible for the written examination.

Oral examinations are given at six-month intervals. An applicant is entitled to one oral examination each year for a three-year period.

In the event that a candidate fails an oral examination, at least 12 months must elapse before he may reappear for oral examination. The three-year period begins on the date an applicant is first declared eligible for the oral examination.

Failure to take an examination constitutes an opportunity just as much as failure to pass an examination. Under extenuating circumstances a candidate may apply for an extension of the three-year period by writing to the Secretary's office prior to the expiration of the three-year period. Under similar circumstances the Board, entirely at its discretion, may excuse a candidate from any scheduled examination without penalty, provided the request for such absence is filed prior to time of the examination.

A fee of fifty dollars (\$50) will be charged for each repeat in the written examination and eighty-five dollars (\$85) for each repeat in the oral examination, for those filing April, 1968, and subsequently. The Board may, however, at its discretion deny a candidate the privilege of re-examination.

If an applicant fails to pass either the written or oral examination within the allowed period, having taken one or more written or oral examinations, his application will be declared void.

The Board reserves the right to limit the number of candidates to be admitted to any examination.

**FEE**

The fee shall be one hundred seventy-five dollars (\$175). Seventy-five dollars (\$75) shall be paid upon filing the application, of which sum sixty dollars (\$60) shall be returned if the candidate is not accepted for examination. The remainder of one hundred dollars (\$100) shall be paid before taking the examination.

The Board is a non-profit organization. The fees for examination and certification have been computed on a basis of cost of maintaining an administrative office and conducting examinations. The Board reserves the right to change the fee when necessary.

Proper forms for making application and other information may be obtained by writing to the Secretary, Forrest E. Leffingwell, M.D., 100 Constitution Plaza, Hartford, Conn. 06103.

**AMERICAN BOARD OF COLON AND RECTAL SURGERY\***

- J. EDWIN ALFORD, President, Buffalo, N.Y.
- FRANCIS J. BURNS, Vice President, St. Louis
- HARRY E. BACON, Philadelphia
- PATRICK H. HANLEY, New Orleans
- ANDREW J. McADAMS, Pittsburgh
- NORMAN D. NIGRO, Detroit
- ROBERT J. ROWE, Dallas, Texas
- STUART T. ROSS, Secretary, 520 Franklin Avenue, Garden City, N.Y. 11530

**GENERAL QUALIFICATIONS AND REQUIREMENTS**

All candidates shall comply with the following regulations:

1. A candidate shall possess moral, ethical, and professional qualifications acceptable to the Board.
2. He shall possess full citizenship in the country in which he practices.
3. He shall limit his practice to proctology, shall appear personally before the Board, and shall submit to the required examinations.
4. He shall deliver to the Board upon request an official record of patients hospitalized by him during the year prior to the date of submission of the application.
5. He shall submit a bibliography of papers and books published by him.

**PROFESSIONAL QUALIFICATIONS**

1. He shall be a graduate of a medical school approved by the Council on Medical Education of the American Medical Association.
2. He shall possess a license to practice medicine in the country of his residence.
3. He shall have completed an internship, preferably of the general rotating type, of not less than 12 months in a hospital approved by the Council on Medical Education of the American Medical Association.

**SPECIAL PROFESSIONAL QUALIFICATIONS**

1. The candidate shall have completed three years of an approved general surgical residency and two years of an approved residency in colon and rectal surgery, or:
2. He shall have passed Part I of the examinations of the American Board of Surgery, and shall have completed one year of an approved residency in colon and rectal surgery.
3. Applicants who have passed the Part I examination of the American Board of Surgery, upon special application and subsequent approval by the American Board of Colon and Rectal Surgery, may be admitted to examination after completing two years of an approved preceptorship in colon and rectal surgery.

**APPLICATIONS**

Each candidate for examination shall submit an application prepared upon the prescribed form which may be obtained from the Secretary of the Board. It shall contain a record of the candidate's pre-medical and medical training; internships; residencies; precepteeships; other postgraduate study; hospital and dispensary appointments; teaching positions; service in the armed forces; service in federal, state or local government; membership in medical societies, and any additional information considered valuable by the Board.

The application shall be signed by two specialists in colon and rectal surgery. It shall be accompanied by two unmounted autographed recent photographs of the candidate, letters of endorsement from appropriate sources, and the application fee. It shall be filed with the Secretary not less than 90 days prior to the date of examination.

**EXAMINATIONS**

Examinations are conducted at times and places determined by the Board and are announced in *THE JOURNAL of the American Medical Association*.

Seventy-five per cent is the passing grade on all examinations.

Examination papers are identified only by numbers, and the examiners do not know the identity of the examinees.

*Part 1:* This consists of a comprehensive written examination in the basic sciences, including anatomy, physiology, pathology, bacteriology, and biochemistry. The examination is held in the fall of the year simultaneously in several cities of the United States.

Upon approval of the American Board of Colon and Rectal Surgery, candidates who have been certified by the American Board of Surgery, and who have completed required training in colon and rectal surgery may not be required to take Part 1 of the examinations of the American Board of Colon and Rectal Surgery.

*Part 2:* This is a practical examination which is held in the community in which the candidate conducts his professional activities. (It may be omitted at the discretion of the Board, in which case the candidate will be notified by the Secretary.) It is endeavored to arrange the examination at a time suitable to both the candidate and the examiner. The examination includes the inspection of:

1. Surgical operations.
2. Hospital rounds.
3. Hospital and office records.
4. Office practice.

*Part 3:* This consists of comprehensive written and oral examinations on the theory and practice of colon and rectal surgery and includes roentgenologic interpretation. The examination is usually held in the fall of the year in one designated city of the United States. The candidate is not admitted to Part 3 examinations until he has completed the requirements of Part 2.

The oral portion of the examination is conducted by members of the Board or its designated examiners. An attempt is made to ascertain the candidate's knowledge of current proctologic literature, his knowledge of the basic sciences, and the extent of his clinical experience and other qualifications.

**FEES**

*Application fee:* A fee of twenty-five dollars (\$25) shall accompany the application.

*Examination fee:* A fee of one hundred fifty dollars (\$150) is due and payable when the candidate is notified that he has been approved for examination.

*Re-examination fee:* A fee of \$50.00 is due and payable when the candidate is notified that he has been approved for re-examination.

\*Formerly American Board of Proctology.

Candidates for re-examination in Part 2 may be held responsible for payment of expenses incurred by the Board in conducting the re-examination.

No fee shall be returned to the candidate without Board approval.

All fees shall be made payable to the American Board of Colon and Rectal Surgery and shall be sent to the Secretary.

#### AMERICAN BOARD OF DERMATOLOGY

WILEY M. SAMS, President, Miami, Fla.  
 WALTER B. SHELLEY, Vice President, Philadelphia  
 HARRY L. ARNOLD, JR., Honolulu, Hawaii  
 RUDOLF L. BAER, New York City  
 EDWARD P. CAWLEY, Charlottesville, Va.  
 E. RICHARD HARRELL, Ann Arbor, Mich.  
 JOHN R. HASERICK, Cleveland  
 RAY O. NOOJIN, Birmingham, Ala.  
 REES B. REES, San Francisco  
 CLARENCE S. LIVINGOOD, Executive Secretary, American Board of Dermatology, Inc., Henry Ford Hospital, Detroit, Mich. 48202

#### REQUIREMENTS FOR REGULAR CERTIFICATION

Each applicant must satisfy the following requirements before he is eligible for the written and oral examinations, upon which certification depends.

##### A. General Qualifications

1. High moral and ethical standing in the medical profession.
2. Graduation from an approved medical school in the United States of America or in Canada. Graduates from foreign medical schools are required to have the standard certificates of the Educational Council for Foreign Medical Graduates (E.C.F.M.G.).
3. Satisfactory completion of an approved internship.
4. A State license to practice in the United States of America or Licentiate of the Medical Council of Canada issued following examination, or by endorsement of the certificate of the National Board of Medical Examiners, or by regular status in the Armed Forces of the United States or Canada.
5. Citizenship in the United States or Canada.

##### B. Residency Training Requirements and Experience Qualifications

1. Formal training in clinical dermatology and related subjects of thirty-six months is required. This training must be obtained as a resident, fellow, or graduate student in a Dermatology Residency Training Program of an institution approved by the joint action of the Board and the Residency Review Committee of the American Medical Association. Candidates who take part of their training at an institution approved for less than three years, must spend at least twelve months of the thirty-six months training period full time in a program approved for three-year training. Up to one month of each year during the thirty-six months may be taken as vacation without cumulative privileges. Training must be completed within five years except where military service or other compelling circumstances shall intervene.

2. Preceptee training is a part of the program in some three-year training centers. The Preceptorship in the private office of a staff member at a given three-year training center is the direct responsibility of the Director of the Training Program. Under this plan, up to one-half time each day is spent in the office of the Preceptor; the remainder of the time is spent in the clinics and teaching sessions of the co-operating three-year center. Precepteeships are limited to one year during the second or third year of training. Preceptees are selected by the mutual agreement of the Director of the co-operating Training Center, and the Preceptor.

3. Training Credit of six months is allowed for Diplomates of the American Board of Internal Medicine, the

American Board of Pathology and the American Board of Pediatrics.

4. Completion of an additional twelve months of experience in dermatology, *after* completion of the training requirements, is required. Thus, candidates who complete their training on or about October 15th of a given year are eligible to take the written examinations in June of the following year.

5. All training must be completed in a manner satisfactory to the Board.

#### REQUIREMENTS FOR SPECIAL HOMELAND CERTIFICATION

Graduates of foreign medical schools, not citizens of the United States of America or Canada, *who will return to their homeland* after completion of approved residency training in dermatology must satisfy the following requirements before they are eligible for the written and oral examination, upon which certification depends.

1. High moral and ethical standing in the medical profession.
2. Graduation from a Medical School listed in the World Directory of Medical Schools (World Health Organization).
3. Possession of the standard certificate from the Educational Council for Foreign Medical Graduates (E.C.F.M.G.).
4. Citizenship of the country to which the candidate is returning and possession of a valid license to practice medicine in that country.
5. Satisfactory completion of three full years of training in an institution or institutions approved by the Board and the AMA Residency Review Committee for graduate training in Dermatology, and passing the written and oral examinations given by the American Board of Dermatology.

#### THE BOARD EXAMINATIONS

##### A. Preliminaries

Candidates who have completed their formal three-year training in Dermatology by October 15th of any given year are eligible to take the examinations the *following* year. Those candidates who are applying for the Special Homeland Certificate do not require one year of experience, and therefore are eligible to take the examinations at the end of three years of formal training.

Toward the end of three years of formal training, it is essential that the candidate request an Application for Certification form from the office of the Secretary of the Board. This completed form must be filed with the Secretary of the Board before March 1st of any given year in which the examination is to be given. The Application is then submitted to the Committee on Requirements with the letters of recommendation and the annual training reports from the Director of the candidate's Training Center. The members of the Requirements Committee appraise the qualifications of all candidates and decide as to their eligibility for examinations. Information regarding the exact time and place of the examinations is published twice a month in the Examinations and Licensure column of the Journal of the American Medical Association and in the Archives of Dermatology.

##### B. The Writtens

The written examination is held in various centers throughout the country in June. It is three hours in length and is of the objective, multiple-choice, machine-scorable type. Every effort is made to avoid "tricky" or ambiguous questions. This examination is designed to test the candidate's knowledge of clinical dermatology, as well as his understanding of anatomy, physiology, chemistry, pathology, microbiology, radiology, hematology, genetics and pharmacology as related to dermatology. Considerable emphasis is placed on extensive reading of the literature. Special attention is also directed toward internal medicine as it pertains to dermatologic problems. A sampling of questions asked during the previous written examinations of the Board is

available from the Secretary's office on request; the cost is \$2.00, payable in advance.

**C. Orals**

The oral examination is held every September or October for those candidates who have successfully passed the written examination. It is given at one of the major training centers and is a half-day in length for each candidate. Here the candidate appears before each member of the Board for practical questioning concerning clinical problems. The candidate will be asked to examine and evaluate patients, interpret slides of clinical and histopathologic material, equipment, laboratory reports and actual cultures. The examination has heavy clinical weighting with one section on internal medicine. It also includes demonstration of competency in the fields of histopathology, allergy, immunology, microbiology and therapy, including physical treatment modalities and dermatologic surgery.

The decision of the Board is final as to whether the candidate passes, fails or is conditioned. Such decisions are based on the results of both the written and oral examinations, and the annual training reports from the Director of the candidate's Training Center.

**RE-EXAMINATION**

A candidate who fails the written examination or who fails or is conditioned in the oral examinations is automatically eligible the following year for a second examination without formal application, but with payment of a re-examination fee of \$50.00.

If a candidate fails to complete successfully all or part of the examinations on TWO occasions, he must present evidence of additional training and experience in an institution approved for three years of training, before being eligible for further examination. The candidate must then file a new Application and pay another fee of \$150.00. All candidates seeking re-examination must apply before the closing date of March 1st.

If a candidate who has failed or has been conditioned does not appear for re-examination before the expiration of three ensuing years, he must then make a new application and pay an additional fee of \$150.00 before he can be re-examined.

**GENERAL INFORMATION**

All queries concerning training programs, requirements, etc., should be made in writing and directed to the Executive Secretary of the Board. In view of the nature and significance of the decisions made, group action is necessary and hence all communications between the Executive Secretary and the candidate must be in writing.

It is the responsibility of the candidate to make early contact with the Board by requesting a Preliminary Registration form. This is to be filed at the beginning of training by the trainee and returned with the registration fee of \$25.00 to the office of the Executive Secretary of the Board. The filing of the Preliminary Registration form will establish the identity and status of the candidate and will begin his permanent file. This makes it possible to assess the preliminary training plan of the candidate, and to call his attention to deficiencies which should be corrected. In addition, an evaluation of progress in training is made possible by annual reports from the Director of the Training Center to the Board.

Training programs in Dermatology are passed upon by the American Medical Association Dermatology Residency Review Committee.

In addition to its natural concern with training programs, the Board acts as an advisor to prospective residents and residents in training. Finally, it conducts both written and oral examinations for candidates, and it issues certificates to those who successfully meet the requirements listed.

**AMERICAN BOARD OF INTERNAL MEDICINE**

- JACK D. MYERS, Chairman, Pittsburgh, Pa.
- CRAIG W. BORDEN, Vice Chairman, Chicago
- JOHN B. HICKAM, Secretary-Treasurer, Indianapolis
- JOHN C. BECK, Montreal, Que., Canada
- RICHARD V. EBERT, Minneapolis
- FRANKLIN H. EPSTEIN, New Haven, Conn.
- SAUL J. FARBER, New York City
- EDMUND B. FLINK, Morgantown, W. Va.
- JAMES F. HAMMARSTEN, Oklahoma City, Okla.
- WILLIAM J. HARRINGTON, Miami, Fla.
- JULIUS R. KREVANS, Baltimore
- C. THORPE RAY, New Orleans
- ARNOLD S. RELMAN, Philadelphia
- ROBERT F. SCHILLING, Madison, Wis.
- TRUMAN G. SCHNABEL, JR., Philadelphia
- HAMILTON SOUTHWORTH, New York City
- GENE H. STOLLERMAN, Memphis
- SCOTT N. SWISHER, East Lansing, Mich.
- WILLIAM A. TISDALE, Burlington, Vt.
- JAMES V. WARREN, Columbus, O.
- AUSTIN S. WEISBERGER, Cleveland
- PALMER H. FUTCHER, Executive Director, 3930 Chestnut St., Philadelphia, 19104.

**GENERAL QUALIFICATIONS**

1. All candidates must be licensed to practice medicine in a state, territory, province or possession of the United States or Canada, or if non-citizens they must be licensed in the country of origin.
2. All candidates must present evidence of satisfactory moral and ethical standing in the medical profession, and appreciate the importance of good interpersonal relationships in patient care.

**PROFESSIONAL QUALIFICATIONS**

1. Graduation from a medical school approved by the American Medical Association or the Canadian Medical Association at the date of graduation.
2. Satisfactory completion of an approved internship of not less than twelve months.\*
3. Satisfactory completion of training and experience according to PLANS A, B or C.

NOTE: See requirements for Graduates of Foreign Schools on page 319.

**QUALIFICATIONS FOR WRITTEN EXAMINATION  
Plan A**

Candidates who will have satisfied the general and professional qualifications listed above, and who on or before October 1 will have had three years of preparation after the completion of an approved internship, are eligible in their third year to apply for the October examination.

The three (3) years of required formal training which must, supplemented by the training during the internship, provide the required minimum training in the broad field of Internal Medicine (see *Definitions* below), are as follows:

- A1) Three years of residency training in Internal Medicine in a program approved by the Residency Review Committee in Internal Medicine of the Council on Medical Education of the American Medical Association; or
- A2) Two years of residency training in Internal Medicine in an approved program as described in Paragraph A1, and One year of full time graduate education in a field related to Internal Medicine, provided the assignment is in an approved medical school or medical school hospital or in a hospital approved for three years of residency

\*During the period in which the 9-9-9 program was in effect an approved internship of nine months will satisfy the requirement of twelve months. A residency of nine months is considered as nine months only.

## REQUIREMENTS FOR CERTIFICATION

in Internal Medicine by the Residency Review Committee in Internal Medicine. The Board may recognize a third year of training in other institutions; however, such institutions must have a nationally recognized reputation for advanced training programs and provide this in an academic atmosphere. Assignments for this year of graduate (usually fellowship) education may be devoted to:

- a) Basic or clinical research,
  - b) Assignments in basic science departments of approved medical schools in the United States or Canada,
  - c) Subspecialty training, or
  - d) Twelve months of formal study in Internal Medicine in a postgraduate medical school in the United States or Canada, recognized by the national accreditation bodies; or
- A3) One year of approved residency in Internal Medicine and  
Two years of graduate education as described under Plan A2.

Only those who have participated in an approved straight medical internship may apply under Plan A3.

Graduates of foreign medical schools cannot qualify under Plan A3.

### Plan B

Graduates of approved medical schools in the United States and Canada not eligible under Plan A may apply for the October examination under Plan B if they will have completed on or before October 1 an approved internship and the following training and experience, which must provide the required minimum training in the broad field of Internal Medicine (see *Definitions* below):

- B1) Two years of approved residency in Internal Medicine and  
Five years of experience devoted to work in any clinical, investigative, or basic science area related to Internal Medicine,  
or  
Four years of experience if the candidate has had an approved straight medical internship. These years of experience must follow the formal training years and not precede them, except in the case of "Obligated Military Service" as explained below under *Qualifications for Oral Examination*.

Physicians initiating or continuing their residency training on July 1, 1968, cannot qualify under Plan B1.

Graduates of foreign medical schools cannot qualify under Plan B1.

### Plan C

Plan C has been devised to broaden the opportunity for graduate education in terms of the requirements of the Board. This plan is exclusive. It is reserved for the use of Chairmen of Departments of Medicine, in approved medical schools in the United States and Canada, who may wish to recommend for admission to examination certain men in full-time academic medicine, whose training may not have satisfied the requirements of other "Plans" authorized by the Board.

Candidates may not elect Plan C. Specific recommendation that a candidate be qualified under this plan must be made by the Chairman of a Department of Medicine in an approved medical school in the United States or Canada. This recommendation must assure that the candidate has been trained for a minimum of five years after internship, and that during the training period the candidate has had adequate direct responsibility for patient care in the broad field of Internal Medicine. This plan is intended for the unusual candidate. Each application will be considered individually by the Executive Committee of the Board. The candidate's curriculum vitae, including his bibliography and reprints, should be included.

If the candidate wishes to qualify after a minimum of five years of training, it will be the responsibility of the Head of the Department of Medicine concerned to affirm to the American Board of Internal Medicine that the candidate is qualified for admission to the examination. It will be that the Head of the Department will require additional years of training beyond the minimum before recommending the candidate to the Board. A candidate qualifying under the foregoing provisions will be examined by the Board in the broad field of Internal Medicine.

### QUALIFICATIONS FOR ORAL EXAMINATION

#### *Plans A1, A2, and A3*

Candidates are eligible for oral examination when the following conditions have been met:

The written examination has been passed and

A minimum of five years has elapsed following completion of an approved internship. (A minimum of three of these years are to be devoted to formal training. The remaining time may be devoted to experience in any clinical, investigative, or basic science area related to Internal Medicine, and must follow completion of the three years of formal training. An exception is experience accruing from obligated military service, which under Plan A and Plan B may be undergone at any point in the five year minimal interval. Such military service in the Armed Forces of the United States or Canada or in the United States Public Health Service may be credited as clinical experience but not as formal training).

#### *Plans B1 and C*

Candidates are eligible for oral examination after passing the written examination.

### REQUIREMENTS FOR EXAMINATION BY BOTH THE AMERICAN BOARD OF PEDIATRICS AND THE AMERICAN BOARD OF INTERNAL MEDICINE

In 1967 these two Boards agreed that candidates are eligible for examination and subsequent certification by both Boards if they complete one of the following programs involving a minimum of four years of approved house officer training:

1. Straight pediatric internship, one year of pediatric residency and two years of residency in internal medicine;  
or
2. Straight medical internship, one year of residency in internal medicine, and two years of pediatric residency;  
or
3. Internship other than straight pediatric or straight medical, two years of pediatric residency, and two years of residency in internal medicine.

The times at which the candidate may take the examinations of each Board will continue to be as described in the booklets of information published by the respective Boards. (For American Board of Internal Medicine, see sections on qualifications for written and oral examinations above.)

#### CREDIT FOR SERVICE IN THE MEDICAL CORPS OF THE ARMED FORCES OF THE UNITED STATES OR CANADA

Active duty as a commissioned officer in the Medical Corps for the periods December 7, 1941, to January 1, 1947, and June 1, 1950, to July 1, 1954, may be applied as one year of residency credit or one year of clinical experience regardless of assignment.

### DEFINITIONS

As Applied to Requirements of this Board

- 1) *Required minimum training in the broad field of Internal Medicine* is defined as 24 months of general Internal Medicine with *primary patient responsibility*. Primary patient responsibility obtains when, during a period of training in Internal Medicine predominantly devoted to clinical ex-

perience, the applicant directs the total care of the patients for whom he has responsibility, under supervision of the attending staff. Rotations through the medical specialties during the residency can contribute toward this requirement provided such rotations specifically involve primary patient responsibility.

- 2) *An approved internship* is defined as an internship of not less than one year approved by the Council on Medical Education of the American Medical Association. To meet the training requirements of the Board in relation to specific Plans, special types of approved internships are required.
- 3) *A straight medical internship* is an internship under the direction of a Department of Medicine providing a minimum of eight months' experience in Internal Medicine.
- 4) *An approved residency in Internal Medicine* is defined as postgraduate training approved by the Residency Review Committee in Internal Medicine of the Council on Medical Education.
- 5) *Obligated military service* is defined as service under the requirements of an Act of Congress governing the "Doctors Draft."

METHOD OF EXAMINATION

1. The WRITTEN EXAMINATION is held simultaneously in different sections of the United States, Canada, and outside the continental limits of the United States where sufficient eligible candidates are located. Only one written examination will be given each year. This examination will be held on the third Monday in October. This examination is divided into morning and afternoon periods of three hours each. The questions are framed in such manner as the Board elects, and are designed to test the candidate's basic clinical acumen and his knowledge of physiology, anatomy, biochemistry, pathology, bacteriology, and pharmacology as related to Internal Medicine.

2. The ORAL EXAMINATIONS are held several times each year at such times and places as the Board may designate. The oral examinations are given by the members of the Board with the assistance of such guest examiners as may be selected, and are conducted at the bedside of patients assigned each candidate.

Candidates will be expected to present in a concise, orderly fashion pertinent facts in the history and diagnosis. Demonstration of important physical findings will be requested by the examiner. During the oral examination, questions will be asked concerning diagnostic and therapeutic procedures related to the problems under discussion. Conciseness and clarity of statement as well as evidence of clinical maturity will be searched for, in addition to factual knowledge. Furthermore, the candidate should be prepared to demonstrate his ability to interpret roentgenologic, pathologic, hematologic, electrocardiographic and other diagnostic material related to his patients.

GRADUATES OF FOREIGN MEDICAL SCHOOLS

1) Candidates in this classification not licensed to practice in a state, territory, province or possession of the United States or Canada, or who have not passed the examinations of the National Board of Medical Examiners, must pass the examination of the Educational Council for Foreign Medical Graduates and have received a permanent certificate. A photostatic copy of the certificate must accompany application for admission to examination.

2) All candidates are required to complete an internship of one year approved by the Council on Medical Education of the American Medical Association. Twelve months of an approved residency may be substituted for this requirement. However, in this event the additional requirements in paragraph 3 must still be fulfilled.

3) Candidates are required to complete 36 months of formal training as described under Plan A1 and A2 before they

are eligible for the written examination. They must meet the requirements of Plan A1 and A2 for oral examination. (Plans A3 and B1 are not available to graduates of Foreign Schools.)

4) Graduates of Foreign Medical Schools may also be proposed under Plan C.

5) Candidates who are accepted for the written examination may take this examination in the United States or at designated installations of the United States in foreign countries.

6) All oral examinations will be given in the United States and Canada.

7) United States Citizenship is no longer a requirement for admission to examination.

SUBSPECIALTY BOARDS

Allergy, Cardiovascular Disease, Gastroenterology, and Pulmonary Disease are recognized specialties.

Candidates must first be certified in Internal Medicine before applying for examination by the Subspecialty Boards. Further information may be secured by writing to the Executive Office of the American Board of Internal Medicine.

RE-EXAMINATIONS

1) The interval between written and oral re-examinations will be not less than one year.

2) Any candidate failing three (3) written examinations, one or more of which occurred after February 1, 1966, must present to the Board evidence of having completed one full year of formal residency or clinical fellowship training subsequent to the third failure, before re-admission to the written examinations of the Board. It is urged that the acceptability of proposed training be determined by the Board before it is undertaken.

3) Candidates failing three (3) oral examinations, one or more of which occurred after February 1, 1958, must apply for and pass another written examination before admission to further oral examinations.

Re-examination fees for Written \$ 45.  
Oral \$155.

CANCELLATIONS

Candidates who cancel or fail to keep appointments for either written or oral examinations after assignments have been completed are subject to forfeiture of their fees and may also be required to wait 24 months before re-assignment to another examination.

INACTIVE CANDIDATES

After July 1, 1966, any candidate whose record reveals inactivity (i.e., failure to take an examination, either written or oral) for five years or more, will revert to the same status as a new applicant. However, his total past examination experience will continue to govern in relation to the stipulations presented under *Re-examinations* above. He must reapply for admission to the written examination of the Board and comply with all current regulations then in force for new candidates.

APPLICATION

Candidates for examination must make their application on a prescribed form which may be obtained from the office of the Executive Director.

*The closing date for receipt of initial requests for admission to the written examination is March 1 of the year concerned, and for the receipt of the completed formal application form April 1. The closing date for receipt of completed application forms for the written re-examination is April 1.*

The attention of those whose commitments at the time of the October examination are uncertain is invited to the section on "Cancellations."

The application must be accompanied by a recent signed photograph of the candidate and the registration and written examination fee of seventy (\$70.00) dollars. Forty-five

(\$45.00) dollars will be refunded if the application is disapproved.

The oral examination fee of one hundred fifty-five (\$155.00) dollars is due when applying for admission to the oral examination.

Please address all official correspondence to:

Executive Director  
American Board of Internal Medicine  
3930 Chestnut Street  
Philadelphia, Pennsylvania 19104

#### SUBSPECIALTY BOARDS

Allergy, Cardiovascular Disease, Gastroenterology and Pulmonary Disease are recognized subspecialties.

Candidates must first be certified in Internal Medicine before applying for examination by the Subspecialty Boards. Further information may be secured by writing to the Executive Office of the Board.

#### CERTIFICATION IN SUBSPECIALTY OF ALLERGY

PAUL M. SEEBOHM, Chairman, Iowa City, Iowa  
CARL E. ARBESMAN, Buffalo, N.Y.  
K. FRANK AUSTEN, Boston  
EUGENE A. HILDRETH, Philadelphia  
THOMAS E. VAN METRE, JR., Baltimore, Md.

#### REQUIREMENTS

A. **PREREQUISITE**—The applicant must previously have been certified by the American Board of Internal Medicine before he is eligible to apply for the Subspecialty Board examination.

B. **TRAINING**—There are three acceptable schedules for training in Allergy.

*Schedule 1:* Two years' full-time training in a hospital approved for residency training in internal medicine, under the supervision of a physician competent in allergy, preferably a certified allergist; the program must have active teaching in basic sciences related to allergy.

*Schedule 2:* One year's full-time residency or fellowship in allergy in a program as above, plus two additional years of similar training on a half-time basis. Private office practice is not an acceptable substitute for part-time training.

*Schedule 3:* Five years' part-time training and experience in an acceptable allergy program as above. Applicants intending to utilize part-time programs should obtain prior approval for their program from the Subspecialty Board. Other programs of training and experience may be accepted if, in the opinion of the members of the Board, they are equivalent to those outlined.

For admission to the certifying examination in Allergy, a candidate must have specialized knowledge and particular skills which entitle him to be consulted as an expert in this specialty. Expertness includes knowledge of all phases of science underlying the specialty, as well as proficiency in the clinical practice of allergy. The candidate must be prepared for examination in the aspects of anatomy, chemistry, microbiology, immunology, pathology, physiology and pharmacology relating to allergy and in the laboratory procedures pertinent to diagnosis and treatment of allergic disease. The candidate will at the same time be expected to have maintained his proficiency in general aspects of internal medicine, especially in those aspects bearing most closely on diseases of allergy.

C. **REFERENCES**—A candidate should give as references names of physicians who are familiar with his training and experience in the field of allergic diseases. Such information will allow the Board to give a fair appraisal of the candidate's qualifications.

D. **RE-EXAMINATION**—1. The interval between examinations will be not less than one year. 2. A candidate who has failed three examinations of a Subspecialty Board must present

satisfactory evidence of completion of further formal training before re-admission to examination.

E. The fee for registration is \$185.00.

#### CERTIFICATION IN SUBSPECIALTY OF CARDIOVASCULAR DISEASE

J. WILLIS HURST, Chairman, Atlanta, Ga.  
HOWARD BURCHELL, Rochester, Minn.  
NOBLE O. FOWLER, Cincinnati  
EDWARD S. ORGAIN, Durham, N.C.  
T. JOSEPH REEVES, Birmingham, Ala.  
FRANCIS F. ROSENBAUM, Milwaukee  
CONGER WILLIAMS, Boston

#### REQUIREMENTS

A. **PREREQUISITE**—The applicant must previously have been certified by the American Board of Internal Medicine. One year must have elapsed following such certification before he is eligible to be admitted to the Subspecialty Board examination.

B. **TRAINING**—The candidate should have devoted at least one full year but preferably two years to post-graduate education in cardiovascular disease, under the guidance of a person known by the members of the Subspecialty Board to be experienced and sound in the field of cardiovascular disease. This period of training may be in several forms.

1. It may constitute one or more years spent in cardiovascular disease as a fellow or resident as part of or immediately after completion of a residency in internal medicine; the total period of such training of the individual in internal medicine including one or more years in cardiovascular disease must be at least four years after completion of internship.

2. It may include a consecutive twelve month or longer period devoted to training in cardiovascular disease under the type of auspices noted above some years after completion of the period of training required for certification in internal medicine. The Board may waive these prerequisites only in exceptional circumstances.

Before admission to the certifying examination in cardiovascular disease, the candidate must possess certain specialized knowledge and have acquired particular skills which would entitle him to be known as a consultant in cardiovascular disease. He must have an intimate knowledge of the normal and pathological anatomy and normal and pathological physiology of the circulatory system; be adept in history taking and in the physical examination; be proficient in the interpretation of electrocardiograms and in cardiovascular roentgen diagnosis; and be familiar with special procedures and techniques used in the study of cardiovascular problems. Above all, he must be able to assimilate the information obtained from all of these sources in such a way as to lead logically to the correct diagnosis. He must also have a thorough knowledge of the pharmacology and therapeutic applications of drugs used in the treatment of cardiovascular diseases and an intelligent comprehension of the place of and indications for other forms of treatment including surgery. He must demonstrate an intimate familiarity with contemporary cardiovascular literature.

C. **REFERENCES**—The candidate should give as references the names of physicians sufficiently familiar with his training and experience in the field of cardiovascular disease as to be able to offer a valid appraisal of his qualifications as a specialist, based on the requirements listed above. In particular, it will be required that references be listed by the applicant and obtained by the Board from the physician(s) who were responsible for the specialty training of the applicant.

D. **RE-EXAMINATION**—1. The interval between examinations will be not less than one year. 2. A candidate who has failed three examinations of a Subspecialty Board must present satisfactory evidence of completion of further formal training before re-admission to examination.

E. The fee for registration is \$185.00.

CERTIFICATION IN SUBSPECIALTY OF GASTROENTEROLOGY

HUGH R. BUTT, Chairman, Rochester, Minn.  
 JAMES A. CLIFTON, M.D., Iowa City, Ia.  
 HENRY D. JANOWITZ, New York City  
 FRED KERN, JR., Denver, Colo.  
 JOHN T. SESSIONS, JR., M.D., Chapel Hill, N.C.

REQUIREMENTS

A. *PREREQUISITE*—The applicant must previously have been certified by the American Board of Internal Medicine. Two years should have elapsed following such certification before he is eligible for admission to the Subspecialty Board examination. The Subspecialty Board may at its discretion shorten this interval under exceptional circumstances.

B. *TRAINING*—The candidate should have devoted at least one full year to post-graduate education in gastrointestinal disease, during which time his training program should preferably be under the supervision of a physician competent in the field of gastroenterology, preferably a certified gastroenterologist. Following this the candidate should participate actively for at least two years in a gastrointestinal service in connection with which a definite teaching program in gastroenterology is being conducted under the supervision of a qualified gastroenterologist. The applicant should demonstrate an interest in teaching his subspecialty.

In the absence of the post-graduate education required in the above paragraph the candidate may, at the discretion of the Subspecialty Board of Gastroenterology, be accepted for examination after five years of active participation in gastrointestinal service in connection with which a definite teaching program in gastroenterology is being conducted preferably under the supervision of a certified gastroenterologist. Details of attendance at conferences, clinics, postgraduate courses, etc., must be submitted by the applicant.

Before admission to the certifying examination in gastroenterology the candidate must possess certain specialized knowledge and have acquired particular skills which would entitle him to be consulted as an expert in this specialty. He must be prepared to demonstrate that his training has given him special ability in gastroenterology and adequate understanding of the basic sciences underlying this branch of internal medicine as well as proficiency in its clinical practice. He will be expected to demonstrate familiarity with the literature of gastroenterology and must submit proof of adequate supervised training in the recognized gastroenterological procedures and in gastrointestinal radiology (film interpretation).

The candidate must be able to assimilate information obtained from all these sources in such a way as to lead logically to the correct diagnosis and proper treatment. He must have a thorough knowledge of the pharmacologic and therapeutic application of drugs used in the treatment of gastrointestinal diseases and intelligent comprehension of the place and indications for other forms of treatment, especially surgery. He must have a working knowledge of physiology, pathology, microbiology, and biochemistry as it has practical application to disease of the digestive tract and liver.

C. *REFERENCES*—The candidate should give as references names of physicians who are familiar with his training and experience in the field of Gastroenterology and who would be able to offer a valid appraisal of his qualification as a specialist, based on the requirements listed above.

D. *RE-EXAMINATION*—1. The interval between examinations will be not less than one year. 2. A candidate who has failed three examinations of a Subspecialty Board must present satisfactory evidence of completion of further formal training before readmission to examination.

E. The fee for registration is \$185.00.

CERTIFICATION IN SUBSPECIALTY OF PULMONARY DISEASE

DONALD E. OLSON, Chairman, Portland, Ore.  
 DAVID W. CUGELL, Chicago  
 ROBERT L. MAYCOCK, Philadelphia  
 MORTON M. ZISKIND, M.D., New Orleans  
 ATTILIO D. RENZETTI, JR., Salt Lake City

REQUIREMENTS

A. *PREREQUISITE*—The applicant must previously have been certified by the American Board of Internal Medicine, before he is eligible to apply for admission to the Subspecialty Board examination.

B. *TRAINING*—There are three acceptable schedules for training in Pulmonary Disease:

1. Two years of full time training in a residency or fellowship program devoted to Pulmonary Disease under the supervision of a physician or group of physicians known to be experienced teachers and clinicians in the field of Pulmonary Disease. These years of training may be taken as part of the residency training requirements for Internal Medicine.

2. One year of full time training in a residency or fellowship program devoted to Pulmonary Disease under auspices similar to those noted above, and no less than another two years of practice in Internal Medicine with Pulmonary Disease as the principal component of such practice.

3. Five years in the practice of Internal Medicine with Pulmonary Disease as the principal component of such practice, may sometimes be accepted by the Subspecialty Board in lieu of the programs with full time formal residency or fellowship training periods. It will, however, be the responsibility of the applicant to present evidence that his practice has been predominantly in the field of Pulmonary Disease, that he has had ample opportunity for acquiring a broad experience and education in all aspects of Pulmonary Disease and that he is qualified to function as a consultant in this area.

Before admission to the certifying examination in Pulmonary Disease, a candidate must possess certain specialized knowledge and have acquired particular skills which would entitle him to be consulted as an expert. He must have a thorough knowledge of the normal as well as the pathologic anatomy and physiology of the lung. He must be adept in physical examination of the patient, proficient in interpretation of Pulmonary function tests, proficient in interpretation of roentgenograms of thoracic conditions, and familiar with other special procedures and techniques used in the study of Pulmonary Diseases. The candidate must be able to demonstrate his ability to synthesize the information and data obtained about a patient so as to logically arrive at the correct evaluation of the patient's problem. He must also have a thorough knowledge of the therapeutic application of drugs used in the treatment of Pulmonary Diseases and an intelligent therapeutic application of drugs in the treatment of Pulmonary Diseases and an intelligent comprehension of the indications for other forms of therapy.

C. *REFERENCES*—The candidate should give as reference names of physicians who are familiar with his training and experience in the field of Pulmonary Disease, and who would be able to offer a valid appraisal of his qualifications as a specialist, based on the requirements listed above.

D. *RE-EXAMINATION*—1. The interval between examinations will be not less than one year. 2. A candidate who has failed three examinations of a Subspecialty Board must present satisfactory evidence of completion of further formal training before readmission to examination.

E. *FEE*—The fee for registration is \$185.00.

## AMERICAN BOARD OF NEUROLOGICAL SURGERY

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 OSCAR SUGAR, Chicago  
 FRANK TURNBULL, Vancouver, B.C.  
 ARTHUR A. WARD, JR., Seattle  
 GUY L. ODOM, Secretary-Treasurer, Duke University Medi-  
 cal Center, Durham, North Carolina 27796

## GENERAL QUALIFICATIONS

(1) Moral, ethical, professional standing and practice satisfactory to the members of the Board.

(2) Completion of a minimum prescribed period of formal training in approved centers in the United States or Canada as described below.

(3) It shall be discretionary with the Board to accept for examination neurosurgically trained candidates who have been in neurosurgical practice in the United States or Canada more than six years, but whose formal training fails to meet the full requirements.

(4) Properly qualified candidates who are permanent residents in and citizens of other countries and are legally qualified to practice medicine there, and who have received their training in neurological surgery in the United States or Canada may apply for certification by the American Board of Neurological Surgery. All graduates of foreign medical schools who are candidates for certification by the American Board of Neurological Surgery must have passed the examinations given by the Educational Council for Foreign Medical Graduates.

(5) A special certificate may be issued to foreign candidates (not American or Canadian citizens) who have received their training in neurological surgery in the United States or Canada and who are returning to their own country at the end of their training period. Examination for this Foreign Certificate may be taken without completion of the requirement of two years in the practice of neurological surgery. All foreign applicants, as the regular applicants, must have one year of general surgical training in an approved program of general surgery in the United States or Canada. This special certificate shall be appropriately identified to distinguish it from the regular certificate of the Board.

(6) This special certificate shall be designated the Foreign Certificate of the American Board of Neurological Surgery. It will be forwarded to each foreign candidate who has passed the examination only when he has returned to his own country and forwarded to the Secretary-Treasurer evidence of license to practice in his own country. If the holder of a Foreign Certificate returns to or remains in the United States of America or Canada to practice, he must forfeit this Foreign Certificate and re-appear before the American Board of Neurological Surgery after two years of practice in the United States of America or Canada.

## PRELIMINARY PROFESSIONAL STANDING

## (I)

(1) Graduation from a medical school which is acceptable to the American Board of Neurological Surgery, Incorporated.

## (II)

(1) Completion of training in general surgery of not less than one year in a hospital acceptable to the American Board of Neurological Surgery, or its equivalent in the

opinion of the American Board of Neurological Surgery. No credit can be applied for rotating or medical internship.

## Plus

(2) A period of graduate study of not less than four years, following completion of the training in general surgery in a hospital or recognized graduate school of medicine acceptable to the American Board of Neurological Surgery. Of this training period at least thirty months must be devoted to clinical neurological surgery. The training in clinical neurological surgery must be progressive and not obtained during repeated short periods in a number of institutions. It is necessary that at least two years of this training in clinical neurological surgery be obtained in one institution. The American Board of Neurological Surgery will not ordinarily approve training in any hospital or graduate school of medicine for periods of less than six months.

Upon recommendation of the head of an approved neurosurgical training program and individual ratification by the Board, credit may be given retroactively for training if a candidate:

- a) transfers from one approved neurosurgical training center to another by arrangement between the chiefs of the two programs.
- b) before entering a training program has had in other approved centers substantially more than the prerequisite training in general surgery, medical neurology or in the basic neurological sciences.

These provisions in no way alter the basic minimum requirements of 4 years training in neurosurgery including 30 months of clinical neurosurgery of which 24 months must be in one institution.

The candidate must prepare himself to pass examinations given by the Board in neurological surgery, general surgery, medical neurology (including neuro-ophthalmology and electroencephalography), neuropathology, neuroanatomy, neurophysiology, and neuroradiology.

The Board does not accept training by preceptorship.

Credit for partial training in foreign or other non-approved centers may be granted by the Board on an individual basis when this training is carried out as an integral part of, and with, the advice and approval of, the director of the candidate's clinical neurosurgical program.

## PRACTICE REQUIREMENTS

Following completion of graduate study, an additional period of not less than two years of satisfactory practice of neurological surgery in one community is required prior to examination.

At the time of examination the candidate will be required to submit a typewritten chronological list of all hospital patients for whom he has been the responsible surgeon. Only those upon whom neurosurgical diagnostic or operative procedures have been carried out during the two years immediately preceding examination should be listed. Information must include:

1. Identifying hospital number and date of admission
2. Clinical diagnosis
3. Definitive diagnostic procedures, if performed
4. Operations, if performed
5. Result, including, when applicable, all complications and autopsy findings.

No minimum volume of diagnostic or operative procedures is required. The candidate should keep accurate records at all times so that this material be readily available when requested. The candidate should bring this list with him to the examination. He should not send it to the Secretary-Treasurer ahead of time. The Board will request reference letters from physicians who have known the candidate during this period of practice. The Board at its discretion may send representatives to call upon the candidate for a review of his practice.

APPLICATIONS

An application on the official application blank, in such form as may be adopted from time to time by the Board of Directors, must be in the hands of the Secretary-Treasurer of the Board not less than nine (9) months prior to the date the applicant wishes to present himself for examination. In most instances, therefore, a candidate should write to the Secretary-Treasurer for the official application blank after he has been in practice about one year.

The Secretary-Treasurer on receipt of an application shall forthwith make inquiries from the candidate's references and from such other persons as the Secretary-Treasurer may deem desirable, after which he shall forward the application to the Committee on Credentials. This Committee shall consider the application and other information available and notify the Secretary-Treasurer of its recommendation. The application shall then be acted upon by the members of the entire Board at a regular meeting and the applicant promptly notified of the Board's decision. If accepted, the candidate shall be scheduled for examination as soon as the schedule permits after completion of his training and practice requirements. He must take the examination within 3 years of the time he is eligible or re-apply as a new candidate. If he fails and wishes to repeat the examination he must do so within 3 years, but the Board requires a waiting period of 1 year to allow time for further preparation. If a candidate has failed twice and wishes to re-apply, he must first withdraw from practice and take a minimum of six (6) months period of formal study which shall be consecutive and shall be carried out in an approved center for neurosurgical training. Foreign and other centers may be employed only by specific permission of the Board. He shall re-apply as soon as his study period has been completed and, if his credentials are in proper order, must take the examination within one year. Failure of the total examination shall require a further six (6) months of formal training and re-application as before. Candidates who have been examined under the six-year practice rule and who fail twice will be required to obtain additional training under the candidate's own initiative.

PAYMENT OF FEES

The fee for Certification shall be two hundred dollars (\$200.). The candidate for examination on filing his application shall accompany it with an application fee of twenty-five dollars (\$25.). The application fee will not be returned even though the application for examination is denied. When notified by the Secretary-Treasurer that he is eligible for examination, he shall send the examination fee of one hundred seventy-five dollars (\$175.) to the Secretary-Treasurer at least two weeks before the date of the examination.

A candidate who has failed in one examination is eligible for re-examination in the subject, or subjects, in which he failed within three years, on payment of a re-examination fee of one hundred fifty dollars (\$150.). If the holder of a Foreign Certificate returns to or remains in the United States of America or Canada to practice and re-appears before the American Board of Neurological Surgery after two years of practice in the United States of America or Canada, he shall pay a re-examination fee of one hundred fifty dollars (\$150.).

If the candidate has failed twice and wishes to re-apply, his application must be submitted with an application fee of twenty-five dollars (\$25.). When notified by the Secretary-Treasurer that he is eligible for examination, he will send the examination fee of one hundred seventy-five dollars (\$175.) to the Secretary-Treasurer at least two weeks before the date of examination. If the candidate should sustain a partial failure and is eligible for re-examination in the subject or subjects in which he failed within three years, he must repeat that portion of the examination that he failed by the payment of re-examination fee of one hundred fifty dollars (\$150.).

AMERICAN BOARD OF  
OBSTETRICS AND GYNECOLOGY

CARL P. HUBER, Chairman of the Board, Indianapolis  
ANDREW A. MARCHETTI, President, Washington, D.C.  
WILLIAM C. KEETTEL, Vice-President, Iowa City, Ia.  
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J. ROBERT WILLSON, Ann Arbor, Mich.  
CLYDE L. RANDALL, Secretary-Treasurer, 100 Meadow Road, Buffalo, N.Y. 14216

THE WRITTEN EXAMINATION

The written examination, which is given in July of each year, consists of a 3-hour comprehensive written examination in obstetrics-gynecology and the related basic sciences. The examination is conducted by selected proctors at designated centers in the United States and Canada.

A passing grade is 75%.

For candidates who are in Military or other Governmental Service outside the United States or Canada, special arrangements may be made, by correspondence with the Board Office, for a senior officer to supervise the written examination of a candidate or candidates who cannot conveniently appear at one of the centers where the examination is to be given. Such special arrangements are available only to candidates in the Military or other Governmental Service, and must be made through the Board office.

REQUIREMENTS

*For a U.S. or Canadian citizen, the following are required:*

1. The possession of the degree of Doctor of Medicine (or equivalent degree) from an institution of learning acceptable to the Council on Medical Education of the American Medical Association.

2. The completion of a *progressive* residency in obstetrics-gynecology of three or more years duration approved by the Residency Review Committee for Obstetrics and Gynecology or the Council of the Royal College of Physicians and Surgeons of Canada, an experience which must include the usual length of time as senior or chief resident in the program as approved.

*For a graduate of a foreign medical school, the following are required:*

1. Possession of a permanent E.C.F.M.G. certificate.  
2. Completion of an approved residency as currently required of the graduates of U.S. and Canadian schools.

*For a graduate of a foreign medical school who has not completed an approved residency in the United States or Canada, documentary evidence of the following are required:*

1. An educational in-hospital experience which the Board considers comparable to that of an approved residency.

2. Verification of Citizenship in, or a verified copy of official Declaration of Intention to become a citizen of the United States or Canada.

3. Unlimited, permanent licensure to practice in at least one of the United States, one of its territories, or a province of Canada.

4. Eighteen months of practice limited to obstetrics-gynecology in the United States, one of its territories or a province of Canada.

*Time Limitation to take the Written Examination:*

A candidate must take the written examination at one of

the next three regularly scheduled written examinations after he becomes eligible. Failure to write the examination within the prescribed time makes a candidate permanently ineligible. An exception to this ruling can only be made by action of the Board of Directors.

#### SPECIAL NOTICE: THE THREE-YEAR RULE

An applicant who completed an approved residency on or before June 30, 1968 must take the written examination in July 1968 or do so in either July 1969, or July 1970.

An applicant completing an approved residency between July 1, 1968 and June 30, 1969 must write the examination in July 1969, July 1970, or July 1971.

For a residency completed on date other than June 30, the permitted three-year period includes the next three July examinations.

#### APPLICATION

Each application will be considered in accordance with the requirements effective in the year admission to the examination is requested. The Board will make a final decision concerning the applicant in the light of all circumstances affecting his eligibility. Only one ruling on any application will be made within a period of twelve months.

Upon completion of an approved residency program (as listed by the Council on Medical Education of the American Medical Association) a candidate is immediately qualified to take the next scheduled written examination.

Application forms for the written examination scheduled for early July of each year may be obtained from the office of the Board. The application, completed in all details, together with an application fee of \$25 must be received in the Board office on or before November 30th of the year preceding the examination. *Applications postmarked after November 30th will not be accepted for the next July examination, but will be considered for the succeeding examination, a year later.*

Endorsement and verification of residency experience are requested by the Board (as a part of the application form) from (a) the Director or Superintendent of the hospital, and (b) the current Chief of the obstetric-gynecologic residency program indicating:

1. That the candidate is making satisfactory progress as a resident.
2. The anticipated date on which the candidate will complete his residency program.

If his application indicates fulfillment of the requirements by June 30th preceding the next July examination, the candidate will be notified of his eligibility and requested to remit the \$75 examination fee promptly. This examination fee is in addition to the \$25 application fee (see page 16).

Before the date of the examination the candidate will receive an Admittance Slip. The lower half must be returned to the Board Office, 100 Meadow Road, Buffalo, N.Y. 14216, in order to acknowledge intent to write the examination.

#### ADMITTANCE TO THE WRITTEN EXAMINATION

On the day of the examination the candidate must present to the proctor the upper portion of the Admittance Slip, which must have been signed by the Administrator of the hospital, certifying that the candidate has satisfactorily completed his residency program.

#### REAPPLICATION

When the Credentials Committee rules that an applicant has not fulfilled the requirements and the application as submitted is not approved, a reapplication will be considered under the requirements effective in the year of reapplication.

A candidate to take the written examination, *once notified that he is being scheduled*, will not be required to submit a new application either (1) to write the examination at a

later date, or (2) having failed, to write it again—but the candidate's eligibility for re-examination is forfeited if he fails to take the written examination at one of the next *two* scheduled dates for this examination.

#### RE-EXAMINATIONS

A candidate notified of his failure to pass the written examination may, *without reapplication*, take it again *by submitting a written request to the Board office* provided, (1) the request is postmarked on or before November 30th preceding the next July examination, and (2) no more than two years have elapsed since the candidate previously failed. He must, however, again pay the examination fee of \$75.00 when he has been notified that he is being scheduled to take the re-examination.

A request for re-examination postmarked after November 30th will not be considered until the following year.

#### "BOARD ELIGIBLE"

In the viewpoint of this Board, a candidate is "Board eligible" when he:

1. Has passed the written examination, and
2. By virtue of unlimited permanent licensure and limitation of practice to obstetrics-gynecology in the United States, one of its territories or a province of Canada, is currently qualifying to take the oral examination.

If a Board eligible candidate does not pass the oral examination within three years after the requirements to take it have been fulfilled, his eligibility is forfeited. He may thereafter regain "Board eligible" status only by applying for and again passing the written examination.

#### THE ORAL EXAMINATION

The oral examination is designed to test the general qualifications of the candidate as a specialist in obstetrics-gynecology, the extent of his experience and knowledge in clinical obstetrics-gynecology as well as in related basic sciences, and his familiarity with recent obstetric-gynecologic literature. The candidate is expected to recognize and discuss photographs illustrating the gross pathology of obstetric-gynecologic disease. The candidate is also expected to identify and describe microscopic preparations illustrating obstetric-gynecologic pathology.

After examination, written reports are submitted and each candidate is then passed or failed by the vote of the Directors of the Board. After the decision is made that a candidate failed or passed the examination, no records are preserved that will permit later review of the candidate's oral examination.

In the event of failure, a candidate may request re-examination at the next regularly scheduled oral examination but to do so *he must request in writing on or before February 28* preceding the next November examination. Each re-examination will be conducted by a different group of examiners who will not have knowledge of a candidate's previous failure.

Because of the time-limitation regarding the oral examination, candidates are urged to apply for the oral examination as soon as they have passed the written examination and have fulfilled all other requirements. The three-year period in which the candidate must pass the oral examination begins when the requirements have been fulfilled.

#### REQUIREMENTS

*For a citizen of the United States or Canada the following are required:*

1. A passing grade in the written examination within the two calendar years preceding the date of application to take the oral examination.
2. Unlimited license to practice medicine in one of the states, a territory of the U.S., or a province of Canada.
3. Not less than eighteen consecutive months of post-residency practice, limited to obstetrics-gynecology.

Approvable post-residency experience may occur in governmental service or in an institutional setting that provides clinical responsibility.

Periods of residency in excess of the currently required minimum may not be substituted for any part of the required post-residency time in practice. The same applies to any fellowship that does not provide the previously stated requirement of clinical responsibility.

4. The candidate's good ethical and professional character, standing and reputation must be established to the satisfaction of the Board. The Board will request comment by administrative officers of organizations and institutions in which the candidate is known. *Endorsements and testimonials in support of a candidate's application will be regarded as information of lesser significance than that gained in answer to the confidential inquiries made by the Board.*

*For a foreign born candidate, not a citizen of the U.S. or Canada, the following are required:*

1. A passing grade in the written examination within the two calendar years preceding the date of application to take the oral examination.

2. A notarized statement providing evidence of an official Declaration of Intention to become a citizen of the United States or Canada.

3. Documentary evidence of the date of unlimited licensure to practice medicine in at least one of the states or a territory of the U.S., or a province of Canada.

4. Fulfillment of the same post-residency time in practice limited to obstetrics-gynecology requirement, as well as the evidence of the candidate's good ethical and professional standing currently required of U.S. and Canadian citizens.

**EFFECTIVE DATE OF ELIGIBILITY**

No application to take the oral examination will be acceptable until after the candidate has passed the written examination and fulfilled all other requirements as described in the foregoing paragraphs.

**APPLICATION**

Application forms may be obtained from the office of the Board. Applications to take the oral examination will be considered for the oral examination in November of the year of application if (1) the application is complete and (2) is postmarked between January 1st and February 28th (inclusive).

**LISTS OF PATIENTS**

Each application or reapplication to take the oral examination must be accompanied by (1) payment of the \$25 application fee (in U.S. currency) and (2) a verified duplicate typewritten list of *all patients dismissed from the candidate's care in each hospital* where he has practiced during the twelve months immediately preceding the month of application. The patients listed must be only those for whom the candidate assumed the major responsibility. Interpretation of "major responsibility" implies that the candidate has personally operated upon, attended the delivery or maintained control of the patient's management. *For each hospital*, a separate list of obstetric and gynecologic patients should be prepared across unbound sheets of white paper 8½ x 11 inches which conform *in all details* to the format illustrated in this Bulletin.

Each list (not each page) must show verification by the Record Librarian or the Director of the Hospital.

*The list of patients will be used as a basis for questions during the oral examination, and will not be returned to the candidate.*

**STATEMENT OF CLINICAL RESPONSIBILITY**

A candidate in a full-time institutional position or in governmental service at the time of application to take the oral examination may be requested to submit a Statement of

Clinical Responsibility in addition to his list of patients. This information must be reported in duplicate on the special form which can be obtained from the Board office.

**POSTPONED ELIGIBILITY**

When the Board notifies a candidate of his ineligibility and advises reapplication after one or two years, he must again pay the application fee and submit with his application between January 1 and February 28, a verified duplicate list of all patients dismissed from his care in each hospital where he has practiced during the twelve months preceding the month of reapplication to the oral examination.

**RE-EXAMINATIONS**

Once a candidate's application has been accepted and he has taken the oral examination, his accepted application remains valid (without payment of additional application fee) during the period of 3 years, if re-examinations are required. Each request for re-examination (1) must be postmarked between January 1 and February 28 (inclusive) and (2) must be accompanied by a duplicate list of all patients dismissed from the candidate's care in all hospitals during the 12 months immediately preceding the month in which re-examination is requested.

**WHEN CANDIDATE POSTPONES ORAL EXAMINATION**

An applicant declared eligible who fails to exercise the privilege of examination in the same year is required to submit a current verified duplicate typewritten list of all patients dismissed from his care in each hospital where he has practiced during the twelve months immediately preceding his request to be scheduled to take the oral examination.

This request and list of patients must be received in the Board office between January 1 and February 28 of the year in which examination is requested.

Letters of request and patient lists postmarked after the last day of February will not be considered for the next oral examination the following November.

*A new and current list of patients will be due with each request for re-examination.*

**TIME LIMITATION TO PASS ORAL EXAMINATION**

A candidate who fails to pass the oral examination *within 3 years after the requirements have been fulfilled*, must reapply for the written examination.

Only by again passing the written examination can he regain eligibility to reapply for the oral examination.

**FEEs**

The fees, which are not refundable, have been computed to cover the cost of examinations and administrative expense. All fees must be paid in U.S. currency.

**THE WRITTEN EXAMINATION**

The application fee of \$25.00 must be enclosed with an application to take the written examination.

The candidate will be notified when his application has been approved, at which time the \$75.00 examination fee will be due.

**THE ORAL EXAMINATION**

The application fee of \$25 must be enclosed with an application to take the oral examination. A candidate accepted to take the oral examination is required to pay the \$75 examination fee when notified that he is being scheduled.

The examination fee is due each time a candidate is notified of the date he will be admitted to the oral examination. When unusual circumstances have accounted for the failure of an eligible candidate to appear for examination, the Board may permit rescheduling of the candidate to take the oral examination the following year without payment of additional fee. However, a current duplicate listing of patients must be submitted with each request for re-examination.

## TYPES OF BOARD APPROVAL

## CERTIFICATE—BY PASSING THE WRITTEN EXAMINATION

A "Certificate" will be issued to a non-citizen of the U.S. or Canada (1) who has completed an approved residency and passed the written examination, (2) if he is not licensed to practice in the U.S. or Canada; and (3) if he has returned to a foreign country address. A Certificate attesting to the passing of the written examination does not of itself confer or purport to confer upon any person any degree, legal qualifications, or privileges.

## DIPLOMA—BY PASSING THE ORAL EXAMINATION

The Major objectives of the Board are to maintain established qualifications for specialists in obstetrics-gynecology and to list as specialists those who, in accord with the stated regulations and requirements, voluntarily appear before the Board for the purpose of recognition and certification. A Diplomate of this Board is one who has received the Board's Diploma attesting that he has passed the oral examination.

Each Diploma granted or issued does not of itself confer or purport to confer upon the individual any degree or legal qualifications, privileges or license to practice obstetrics-gynecology; nor does the Board intend in any way to interfere with or limit the professional activities of any duly licensed physician who is not a Diplomate of this Board.

The privileges granted physicians in the practice of obstetrics-gynecology in any hospital are the prerogative of that hospital, not of this Board.

## "BOARD CERTIFIED"

Only Diplomates of this Board are listed in the Directory of Medical Specialists\* as "Certified," and are so designated in the American Medical Directory.

## REVOCATION OF DIPLOMA

Each candidate, when making application, signs an agreement regarding disqualification or revocation of his Diploma for cause. Revocation may occur whenever:

1. The physician shall not in fact have been eligible to receive the Diploma, irrespective of whether or not the facts constituting such ineligibility were known to or could have been ascertained by this Board, its members, Directors, examiners, officers, or agents at or before the time of issuance of such Diploma.

2. Any rule governing examination for the Diploma shall have been violated by the physician but the fact of such violation shall not have been ascertained until after the issuance of his Diploma.

3. The physician shall violate the standards of the ethical practice of medicine then accepted by organized medicine in the locality in which he shall be practicing, and, without limitation of the foregoing, the forfeiture, revocation or suspension of his license to practice medicine, or the expulsion from, or suspension from the rights and privileges of membership in any County or District Society shall be evidence of a violation of such standards of ethical practice of medicine.

4. The physician shall fail to comply with or violate, or the issuance or receipt by him of such Diploma shall have been contrary to or in violation of, the Certificate of Incorporation, the By-Laws or the Rules and Regulations of this Board.

Upon revocation of any Diploma by this Board as aforesaid, the holder hereof shall return his Diploma and all other evidence of qualification to the Secretary of the Board and his name shall be removed from the list of Diplomates.

## RESIDENCY PROGRAMS

The contents of the Essentials of Approved Residencies and Fellowships as well as of the Guide for Residency Programs in Obstetrics and Gynecology, published by the Council on Medical Education of the American Medical Association, should be known by those who desire to conduct an approved program.

Application for approval of a residency program must be made on special forms obtainable from the Secretary of the Residency Review Committee for Obstetrics and Gynecology in the office of the Council on Medical Education of the American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610. Following inspection of the proposed program by a representative of the Council, the application will be submitted to the Residency Review Committee for consideration and action.

The Residency Review Committee, sponsored jointly by the American Board of Obstetrics and Gynecology, the American College of Obstetricians and Gynecologists, and the Council on Medical Education of the American Medical Association, is composed of twelve Obstetrician - Gynecologists who have had experience in the organization and supervision of approved residency programs in obstetrics and gynecology. The sponsors have reviewed and approved the policies of the Committee and have delegated to it full authority to act.

To be approved, a residency program must be designed to provide an educational opportunity for the resident that is progressive both in experience and responsibility. All such programs must achieve a balance between academic activities and the clinical experiences acquired through the care of patients. The total number of residents in an approved program must not exceed the number indicated in the notice of current effective approval by the Residency Review Committee for Obstetrics and Gynecology unless such change has been agreed to and acknowledged by correspondence with the Residency Review Committee.

## DIRECTOR OF PROGRAM

There must be a single administrative head of obstetrics-gynecology responsible for all aspects of the residency program. This director and at least one additional member of the staff should be Diplomates of this Board. When obstetrics-gynecology are not a combined department, the chief of each division and at least one of his associates must be Diplomates of this Board. If gynecology exists as a subdivision of general surgery the program will be approved only if the chief gynecologist and at least one other member of the subdivision meet the above requirements. When the divisions of obstetrics-gynecology are not combined in a given institution or when one or the other of the divisions is located in an affiliated institution, approval for residency training is contingent upon the direction of a single chief to assure integration of teaching and a satisfactory rotation of residents between obstetrics and gynecology.

## CONTENT OF RESIDENCY PROGRAM

1. The American Board of Obstetrics and Gynecology requires not less than 36 months of progressive residency experience in clinical obstetrics-gynecology.

2. In the final year the resident's experience must include the responsibilities of the chief or senior resident of the program for the usual time as the residency was approved by the Residency Review Committee for Obstetrics and Gynecology.

3. When the resident's internship experience has been gained in a hospital conducting an approved residency in obstetrics-gynecology, a four or more months assignment to the obstetrics and/or gynecologic service is time acceptable as a portion of the clinical experience required of the resident obstetrician-gynecologist. This accredited time during the internship will not be acceptable as a means of shortening the total post-internship time required in the residency experi-

\*The DIRECTORY OF MEDICAL SPECIALISTS is published by the A. N. Marquis Company, 200 East Ohio Street, Chicago, Illinois 60611. For lists of certificate holders consult the current issue.

ence, but will be acceptable as a provision enabling variation in the content of the individual resident's program, e.g., assignment to such allied services as anesthesia, radiation therapy, endocrinology, etc.

4. The Board recognizes that some residency programs, in order to add desirable experience in addition to the minimal requirements described in the preceding paragraphs, may extend beyond three years. It is emphasized that a residency longer than three years must provide progressive responsibility in both obstetrics and gynecology for each resident in the program.

5. If a program allows a resident who has completed its requirements to remain in an administrative or teaching capacity, his duties must not detract from the graduated responsibilities of the other residents in that program.

6. Education in the basic sciences should be integrated with clinical experience to emphasize the application of the several divisions of these fields to total care of the patient. Assignment to a basic science course which removes the candidate from daily contact with obstetrics-gynecology cannot be permitted within the required minimal time of clinical responsibility in an approved program.

7. An exchange of residents between approved programs of obstetrics-gynecology is acceptable but an exchange into other specialties cannot be permitted within a three-year residency program designed to fulfill only the minimum of required clinical experience in obstetrics-gynecology.

8. Assignment of residents to the clinical services of institutions not approved for residency training cannot be permitted unless (1) the work of such service is carefully supervised by the chief of the approved residency program to which the resident has been appointed, and (2) the arrangement has been described in the hospital information form supplied to the Residency Review Committee and the exchange or rotation was approved by the Committee at the time the program was considered.

9. Each resident is expected to keep a record of the number and type of obstetric and gynecologic procedures performed during his entire residency, so that he would be able, if requested to do so, to demonstrate the adequacy of his operative experience as a resident.

10. A resident may not be considered to have properly fulfilled his educational opportunity if he maintains his own private practice. This statement is not to be construed as preventing the resident from assuming the responsible or major role in the management of patients assigned to him in his capacity as a resident.

RULINGS AND INFORMATION

RESIDENTS' CONTRACTS

Any physician who formally obligates himself to enter a residency program approved by the Residency Review Committee and who breaks his contract without justifiable cause, either before or during his period of service, except by mutual consent of the candidate and the hospital, may eventually be required to provide an explanation that is satisfactory to this Board.

GOVERNMENTAL SERVICES

An applicant on service in obstetrics-gynecology, under orders in a governmental hospital, may be credited with residency experience only if that hospital is conducting a currently approved residency program in obstetrics and gynecology.

A candidate's time-in-practice requirements may be fulfilled while on active duty in governmental services providing the Board receives favorable appraisal of his activities.

SINGLE CERTIFICATION

A physician otherwise qualified, who was graduated before January 1, 1939, whose required training was in obstetrics or gynecology alone, and who has confined his practice to ob-

stetrics or gynecology for five years immediately prior to application, may be accepted for examination as a candidate for certification in either obstetrics or gynecology. Knowledge of both obstetrics or gynecology will be required during the examination and no candidate for such single certification will be accepted after 1969.

EMERGENCY CARE; LIMITATION OF PRACTICE

It is permissible for candidates and Diplomates of the American Board of Obstetrics and Gynecology to participate in emergency care.

The Board has ruled that physicians who assume responsibility for the care of male patients in their private or other practice, for operative or other care, cannot be regarded as specialists in obstetrics-gynecology, except when this is related to governmental services or emergency care.

TIME LIMITATIONS

The written examination must be taken at one of the next three regularly scheduled examinations after completion of an approved residency program.

The candidate who fails to pass the written examination must take it again within three years or risk the loss of his eligibility to take the written examination.

A candidate who passes the written examination and has fulfilled all other requirements for the oral examination is urged to apply to take the oral examination at the earliest opportunity. *If a Board-eligible candidate (see page 324) does not pass the oral examination within three years after the requirements to take it have been fulfilled, his eligibility is forfeited. He may thereafter regain Board eligible status only by applying for and again passing the written examination.*

AMERICAN BOARD OF OPHTHALMOLOGY

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REQUIREMENTS

All applicants must comply with current regulations of the American Board of Ophthalmology.

Applicants must be of high moral, ethical and professional standing.

Applicants must be graduates of a medical school in the United States or Canada approved by the Council on Medical Education of the American Medical Association. Applicants from countries other than the United States and Canada must provide evidence of satisfactory medical education and must be certified by the Educational Council for Foreign Medical Graduates. This latter requirement is waived for citizens of the United States who are graduates of foreign medical schools and who are licensed to practice in one of the States of the United States of America or who have passed the examination of the National Board of Medical Examiners.

Applicants must have completed an internship of not less than one year in a hospital approved by the Council on Medical Education.

Applicants must have a valid license to practice medicine in the State, Province or nation wherein they permanently reside, except in those situations in which a license to practice is not required.

Applicants are required to have completed a satisfactory course of postgraduate studies including active clinical experience and didactic instruction. Individuals who have completed a minimum of 36 months of residency and basic science courses in ophthalmology may apply for the written qualifying test after completion of 12 additional months of institutional work or ophthalmic practice. Applicants must have completed a minimum total of 48 months of ophthalmology by the date of the written test.

Individuals with less than 36 months of formal training may take the qualifying written test after completion of 60 months in ophthalmology solely or after 72 months of combined ophthalmology and otolaryngology. Credit for completion of basic science courses may not exceed 12 months.

#### APPLICATIONS

Application must be made on the official form which may be procured from the Secretary and forwarded with other required credentials and the fee.

*The closing date for applications is July 1st prior to the date of the written. Applications postmarked after July 1st can not be considered for the following year's written test.*

The Board reserves the right to reject an applicant for any reason deemed advisable and without stating the same. The action of the Board shall be final.

Letters of endorsement, all required credentials, and fee must be received by the Secretary-Treasurer prior to consideration of the application. Scientific books and papers published by the applicant should be listed.

Applicants who meet all requirements are admitted to the written qualifying test if application is approved by the Committee on Requirements.

Applications must be complete and be accompanied by fee of \$150.00. Officers and Members of the Board are not authorized to estimate the eligibility of applicants, who are requested not to discuss or write for opinions regarding the status of their applications.

#### SPECIAL REVIEW OF SURGICAL CASES

Applicants must submit with application a summary of all operations performed within the previous two years or during residency. This list must be typed on 8½ x 11" white bond paper and include the following information:

1. Summary giving the totals of each category of surgery indicating whether assistant or surgeon; for example; Number of cataract extractions, number of glaucoma operations, number of retinal detachment procedures, etc.

2. The surgery should be confirmed by the appropriate authority within the hospital, or in the residency by the department or division Chairman.

3. Each page should be numbered and signed by the applicant in the upper right hand corner. Applicants should retain a copy of the list in the event that the original is lost. The list submitted with the application becomes the property of the Board and is not returned.

#### FEES

Application fee, \$150.00, payable with application.  
Oral examination, \$100.00, payable on successful completion of the written test.

To repeat the written test, \$100.00.

To repeat the entire oral examination, \$100.00.

To repeat a single portion of the oral examination, \$35.00.

To repeat two or more portions of the oral examination, \$50.00.

Fees have been determined on the basis of the cost of the examinations and the administrative expenses of the American Board of Ophthalmology. The members of the Board serve without compensation except actual expenses.

#### TIME LIMIT

*Applicants must take the written test within two years after acceptance of application. If the written test is not*

*taken within this 24 month period, the application is considered expired and must be resubmitted with fee of \$150.00.*

*Applicants must complete successfully the written test and oral examination within six years after acceptance of application. After six years, a new application, credentials, and application fee are required.*

#### SPECIAL OPHTHALMIC TRAINING

Specialized training leading to competence in ophthalmology may be obtained by graduate studies in the medical sciences, by research, and by residency training. A candidate is expected to be familiar with the fundamental sciences pertaining to ophthalmology and with their application in the diagnosis and treatment of ocular diseases and abnormalities. The following studies are considered fundamental to the adequate practice of ophthalmology:

1. Anatomy, histology, and embryology of the eye and ocular adnexa
2. Developmental abnormalities of the eye and ocular adnexa and their enzymatic, genetic and chromosomal basis
3. Biochemistry, nutrition, and metabolism of the eye
4. Physiology of the eye and ocular adnexa
5. Microbiology and immunology as related to ophthalmology
6. Physical, physiologic, and geometric optics
7. Histopathology
8. Systemic diseases and their ocular manifestations
9. Pharmacology, toxicology and therapeutics
10. Neuro-ophthalmology
11. Principles of ophthalmic surgery

Special training in ophthalmology may be obtained in a variety of ways.

1. By study in systematic course of the basic sciences related to ophthalmology.
2. By means of organized study of basic topics with appropriate laboratory aids during the period of residency training.
3. By research carried out in an established laboratory under the supervision of an experienced investigator, with the development of special skills in certain of the basic sciences. It must be recognized that investigation frequently involves a limited sphere of knowledge and that an applicant must make provision for instruction in areas of knowledge which is not encompassed by his research experience.
4. Individual courses in basic sciences are provided by various institutions and permit the candidate intensive instruction in special areas.
5. The Home Study Course in ophthalmology of the American Academy of Ophthalmology and Otolaryngology may be used to supplement other courses. It constitutes a valuable method of organizing and applying the results of one's reading.

#### CLINICAL EXPERIENCE

Clinical experience can be obtained only by means of the examination, diagnosis, and care of many patients having a wide variety of ocular disorders. A residency, fellowship, or traineeship in an approved hospital provides the most effective way of obtaining adequate clinical skill.

#### MILITARY SERVICE

Credit for military service is based upon individual consideration of the medical activities of the applicant by the American Board of Ophthalmology. Full information concerning the type of assignment, the clinical experience and the supervision must be provided with the application.

#### WRITTEN QUALIFYING TEST

Before being accepted for oral examination, each applicant must pass a written qualifying test. This is a multiple

choice test usually consisting of 200 questions which may cover any topics of ophthalmology and are especially devoted to the following subjects:

1. Anatomy and histology
2. Embryology and developmental anomalies
3. Biochemistry, nutrition and metabolism
4. Physiology
5. Microbiology, immunology, and external diseases
6. Optics and refraction
7. Medical ophthalmology (systemic diseases)
8. Ocular motility
9. Neuro-ophthalmology
10. Pharmacology, toxicology and therapeutics
11. Histopathology
12. Surgery

The test has been described by Adler in Transactions of the American Ophthalmological Society 56:45, 1958.

The written test is given simultaneously in a number of designated cities in January of each year. Applicants who pass the written test are considered "Board eligible" and will be notified to appear for a subsequent oral examination. Candidates who fail the written test must repeat it within two years after the first failure. *Applicants who fail two tests may reapply following acceptable additional training.*

ORAL EXAMINATIONS

Oral examinations are usually held twice annually at a time and place determined by the American Board and shall be announced in the Journal of the American Medical Association. The Board reserves the right to limit the number of candidates admitted to any scheduled examination and to designate the candidates to be examined. *The clinical examination must be taken within two years after passing the written.*

If the candidates fail to pass all subjects within three attempts, they must reapply, obtain approval of the Board, and pass another written qualifying test before being admitted to the oral examinations.

The oral examination is divided into the following topics:

1. External diseases
2. Medical ophthalmology
3. Histopathology
4. Refraction
5. Ocular motility
6. Neuro-Ophthalmology
7. Principles of ophthalmic surgery

1. EXTERNAL DISEASES OF THE EYE AND ADNEXA. Kodachrome pictures or slides of common conditions affecting the external eye and its adnexa are used as a basis for discussion. Candidates are expected to be familiar with the principles of instruments used in biomicroscopy and in gonioscopy. Methods of examination, diagnoses and treatment will be discussed.

2. MEDICAL OPHTHALMOLOGY. Candidates are expected to demonstrate a broad knowledge of systemic diseases with particular reference to their manifestations in the eye and adnexa. It is anticipated that candidates will be familiar with the advantages of the various types of ophthalmoscopes and with other methods of examining the ocular fundus. A series of illustrations of abnormalities of the ocular fundus will be used as a basis for discussion of various ocular and systemic diseases.

3. HISTOPATHOLOGY. Candidates are expected to be familiar with the general pathology as well as with the pathogenesis and pathophysiology of diseases of the eye. They should recognize normal histologic appearance and pathologic changes, and are expected to carry out microscopic examination of a series of sections of eyes with a variety of disorders. They should be familiar with various micro-organisms causing ocular disease and the methods used to demonstrate them.

4. REFRACTION. Candidates are expected to demonstrate familiarity with the following:

- (a) The underlying optical principles of refraction and retinoscopy;
- (b) The various types of spectacles lenses and the effects of decentration, tilting, and the like;
- (c) The indications for various methods of examination;
- (d) Contact lenses, visual aids for low visual acuity, colored lenses, and various types of safety lenses.

5. OCULAR MOTILITY. Candidates should understand the anatomy and physiology of the neuromuscular mechanism for binocular vision. They should be able to discuss in detail the onset, course, and management of various types of comitant and non-comitant deviations. They are expected to discuss in detail abnormal sensory mechanisms and the methods of diagnosis and treatment.

6. NEURO-OPHTHALMOLOGY. Candidates are expected to be familiar with ophthalmic manifestations of various neurologic disorders. They are expected to know the anatomy and physiology of the central connections of the eye and their variation in disease. They should recognize the common abnormalities involving the orbit and related structures as demonstrated on roentgenographic examination. They should understand the diagnostic measures required to demonstrate various neurologic disorders and the manifestations of disease as demonstrated on the perimeter and tangent screen.

7. PRINCIPLES OF OPHTHALMIC SURGERY. Candidates should understand the principles of ophthalmic surgery including the pathogenesis, course, and treatment of various surgical disorders of the eye. They should understand the use of radiant energy in the management of ocular disease. They are expected to be familiar with the management of trauma to the orbit and its soft tissues. They should be able to indicate the methods of diagnoses, the differential diagnoses, and the management of various ocular disorders. They should be familiar with the indications, the prognosis, the complications and their management, and the long-term results of various surgical procedures.

RE-EXAMINATION

*Individuals who fail the written test or the entire oral examination cannot be admitted in less than 12 months. They must, however, be re-examined within 24 months upon presentation of evidence of acceptable additional training and payment of re-examination fee. The Board at its discretion may deny candidates the privilege of re-examination. If a candidate should fail to pass one or more subjects in the clinical examination, but not the entire examination, the Board decides on an individual basis when he may appear for re-examination after additional acceptable preparation.*

CERTIFICATION

The certificate is issued only to those who have successfully passed the written test and the oral examination. Physicians who have received the certificate are DIPLOMATES (not members) of the Board. Members of the American Board of Ophthalmology are elected by the three component societies.

REVOCATION OF CERTIFICATES

A certificate of the American Board of Ophthalmology may be revoked under the following circumstances:

1. The physician so certified should not in fact have been eligible to receive certification.
2. The physician so certified shall violate the standards of the ethical practice of medicine as accepted in the locality in which he is practicing.
3. Forfeiture, revocation or suspension of his license to practice medicine; expulsion from, or suspension from the rights and privileges of membership in any recognized medical society.

The American Board of Ophthalmology considers it unethical for physicians to divide fees, to pay commissions to any persons referring cases to them, and to accept commissions or rebates from opticians, druggists, or makers of appliances in any way connected with the medical care of patients.

#### AMERICAN BOARD OF ORTHOPAEDIC SURGERY

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#### II. MINIMUM EDUCATIONAL REQUIREMENTS FOR BOARD CERTIFICATION

The American Board of Orthopaedic Surgery evaluates all candidates for their proficiency in Orthopaedic Surgery. The minimal educational requirements of the Board should not be interpreted as restricting programs to the minimal standards. Directors of programs may retain residents in the educational program as long as necessary beyond the minimum time of four years in order to achieve the necessary degree of competence in orthopaedic surgery. In order to establish satisfactory competence in the specialty of orthopaedic surgery it has been necessary to define the minimal educational requirements, which are as follows:

1. A candidate must be a graduate from a medical school of the United States or Canada approved by the Council on Medical Education of the American Medical Association, with the degree of Doctor of Medicine.

2. A candidate holding a degree of Doctor of Medicine from a foreign medical school, who has obtained the certificate of the Educational Council for Foreign Medical Graduates, may be acceptable to the Committee on Eligibility of the American Board of Orthopaedic Surgery. (Inquiries relative to the examination are to be sent to the Educational Council for Foreign Medical Graduates, 3930 Chestnut St., Philadelphia, Pa. 19104.)

3. Five years of post-doctoral educational experience including the following:

- (a) A candidate must have completed a twelve-month internship approved at that time by the Council on Medical Education of the American Medical Association. In instances of foreign graduates who have obtained the regular certificate of the Educational Council for Foreign Medical Graduates, the institution in which the internship was served must be considered satisfactory by the Committee on Eligibility of the American Board of Orthopaedic Surgery.
- (b) Four years of orthopaedic surgery education are required following internship. Some approved programs may elect to schedule two or more subject areas concurrently. It is necessary that clearly defined education and training experiences be emphasized in the categories of adult orthopaedics, including removal of protruded intervertebral discs and other surgery of the spine, children's orthopaedics, fractures and trauma, surgery of the hand, and basic science.
- (c) Three of the required four years of orthopaedic surgery education are required to conform to the following relative distribution of subject areas, determined either on the basis of specific time of assignments or by proportion of experience in those cases

where the concurrent or integrated plan is used.

Adult orthopaedics	(1/4)	9 months
Children's orthopaedics	(1/4)	9 months
Fractures and Trauma	(1/6)	6 months
Basic Science	(1/6)	6 months

The subject areas to be included are anatomy, pathology, microbiology, physiology, biochemistry, biomechanics, and other basic sciences related to the musculoskeletal system. This educational program should facilitate the study of what is known in these fields as they relate to orthopaedic surgery and, if possible, to provide opportunities for the trainee to apply these basic sciences to all phases of orthopaedic surgery.

#### Surgery of the Hand:

The 30 months of required time in Adult Orthopaedics, Children's Orthopaedics, Fractures/Trauma, and the elective period, must include a significant experience in surgery of the hand.

#### Elective (1/6) 6 months

The elective period may be fulfilled by additional assignments in areas previously described, or by surgery of the hand, prosthetics and orthotics, rheumatology, rehabilitation, neurology, or other areas related to orthopaedic surgery as approved by the Residency Training Committee of the Board.

- (d) The fourth year of additional residency education (which most frequently occurs between internship and the three stipulated years outlined in (c) above, but which may occur at any stage in the complete program) may be obtained from the following categories:
  - (1) Assistant resident in general surgery.
  - (2) Assistant in orthopaedic surgery in any of the subject areas described in (c) above.
  - (3) Assistant resident in related medical and surgical areas, including neurological surgery, genitourinary surgery, plastic surgery and pediatric surgery.
  - (4) Extra year of internship.
- (e) Work in military service. Credit is granted only after termination of military service and presentation of a Professional Training Record, letters from Chiefs of Services and a list of operations performed by the candidate. Credit may be granted on the basis of one month of credit for one month of training when obtained on approved programs. One month of credit may be granted for two months of training, not to exceed twelve months, when the candidate is assigned to unapproved hospital services if approved by the Committee on Eligibility. An Officers Professional Training Record, Form DD-408, may be obtained from the Office of the Surgeon General, Washington, D.C.
- (f) Research or study (one year) in laboratory or clinical research. This requires review of the documentation of the research problem by the Committee on Eligibility.

Note: The educational experience must be on programs approved by the Residency Review Committee for Orthopaedic Surgery. (See list of approved services in Directory of Approved Internships and Residencies). The Board also accepts training in Canada taken on services approved by the Royal College of Physicians and Surgeons of Canada for training in orthopaedic surgery.

#### III. REQUIREMENTS FOR EXAMINATION

In order to be eligible for the examination a candidate must meet the following requirements:

1. Completion of the minimal educational requirements as listed in Section II.

2. License to practice medicine in the United States or Canada, or full time service in the Federal government, which customarily does not require licensure. Special provisions detailed later in this section permit foreign graduates who are returning to their homelands to practice orthopaedic surgery to qualify in lieu of licensure in the United States or Canada.

3. Acceptable ethical and professional standards and satisfactory moral standing within the community. Such qualifications will be determined by the Committee on Eligibility after review of the application, letters of recommendation and other data pertaining to these matters.

4. A candidate must devote full time for one year to orthopaedic surgery in a manner which is consistent with local health needs of the community and hospital practice requirements.

5. A candidate is required to be actively engaged in practice, teaching or research in Orthopaedic Surgery for twelve months in one locality immediately prior to the examination. Representatives of the Board may visit a community in order to evaluate the work of a candidate.

6. A candidate in military service must have been assigned as an orthopaedic surgeon in a hospital setting for one full year to fulfill practice requirements, unless the Committee on Eligibility rules otherwise.

7. A candidate must be prepared to submit as a part of his application to the Committee on Eligibility, *if requested*, a list of all patients admitted to his care in the hospital or hospitals in which he has practiced prior to the filing of his application. Such a list shall include the name of the hospital, the hospital number for each patient, the patient's age, definitive diagnosis, the treatment, the end result and the period of time covered. The authenticity of the patient list shall be certified by the hospital administrator or record librarian. A candidate engaged in practice in a partnership or assigned full time in a private or governmental hospital must, *upon request*, submit a list of patients cared for primarily by the candidate. This list must also be certified by the hospital administrator or record librarian.

8. A candidate practicing in Canada is required to pass the qualifying examinations in orthopaedic surgery of the Royal College of Physicians and Surgeons of Canada before he can apply for the examination of the American Board of Orthopaedic Surgery, unless he has obtained three or more years of his approved orthopaedic surgery education in the United States.

9. A candidate originating in a country requiring other qualifying examinations shall be considered only after consultation between the American Board of Orthopaedic Surgery and the appropriate Orthopaedic Organizations in the country in which he has had his orthopaedic surgery education.

*Note:* The Committee on Eligibility shall be the sole arbiter on determining a candidate's acceptability. The Secretary may answer questions pertaining to Rules and Procedures. Notification of acceptance will be mailed to the candidate in advance of the examination.

*Date and place of the examination is announced in the Journal of the American Medical Association and in the Journal of Bone and Joint Surgery and in the Bulletin of the American Academy of Orthopaedic Surgeons.*

IV. PROCEDURE FOR APPLICATION

1. A completed application for examination must be received in the office of the American Board of Orthopaedic Surgery before July 1 of the year preceding the examination. The application must be accompanied by a non-refundable fee of \$25.00.

2. Once an application is accepted it shall remain in force for three years unless some gross error or intentional fraud is subsequently discovered in the application. The examination must be taken within three years following the

completion of the educational program unless a reason which is acceptable to the Committee on Eligibility is established.

3. The decision of the Committee on Eligibility is mailed to the applicant at least 30 days in advance of the examination.

4. Upon notification of eligibility for the examination the candidate must submit a fee of \$225.00, which shall be forfeited if the candidate fails to appear for the examination or if he cancels after being scheduled.

V. SCOPE OF THE EXAMINATION

The examination shall be comprehensive in all aspects of orthopaedic surgery.

VI. RESULTS OF THE EXAMINATION

A. *Successful Candidates*

A candidate who has successfully passed the examination receives a Certificate indicating that he is certified to practice the specialty of Orthopaedic Surgery as of the date of issuance of the Certificate. The Certificates will be mailed to successful candidates as soon as feasible.

B. *Unsuccessful Candidates*

1. A candidate who fails will be required by the Board to repeat the examination.

2. A candidate who is required to repeat the examination will, upon request, be permitted two additional opportunities to do so. The Committee on Eligibility will consider candidates for re-examination upon receipt of a \$25.00 fee to reactivate the application. This fee must be received in the Board office before July first of the year preceding the examination. Upon receipt of notification of acceptance by the Committee on Eligibility for a repeat examination the candidate will submit to the Board a fee of \$225.00.

3. A candidate who fails to pass the examination on three occasions, or to repeat the examination within two years, will be required to obtain approved additional education, subject to the decision of the Committee on Eligibility.

4. After further education the candidate must repeat the examination within a three-year period or he will be required to take an additional year of education on a full-time basis in an approved residency program. A new application with fee of \$25.00 must be submitted for each additional examination, followed by payment of the \$225.00 examination fee upon notification of acceptance.

VII. FOREIGN GRADUATES

The following regulations apply to physicians who intend to practice in a country other than the United States or Canada.

1. Physicians who do not practice in the United States or Canada may be considered individually for examination, and if successful, will be issued a Certificate.

2. Such a candidate must meet all of the requirements for the examination with the exception of those pertaining to practice.

3. The Committee on Eligibility may require the presentation of documents, either in original form or sworn and notarized translation, which substantiate a candidate's claims and allegations.

4. A candidate who has completed the required education and is returning immediately to his country to practice may, at the discretion of the American Board of Orthopaedic Surgery, be accepted for the next scheduled examination.

5. Each candidate must make a sworn statement that his application for a Certificate is based upon his intention, without mental reservation, to return to practice in a specified foreign country. He will also pledge that should he return to practice in the United States or Canada under visa, exchange, immigration quota, or by any other means, he will surrender his Certificate and agree to have his name removed from the list of Diplomates until he has met the

practice requirements of the American Board of Orthopaedic Surgery. A contract incorporating these points is available from the Board office.

6. Application and examination fees are the same as those required from candidates from the United States and Canada and are payable in the currency of the United States of America.

7. Examinations are the same as those given to candidates from the United States and Canada.

#### VIII. CERTIFICATION BY THE AMERICAN BOARD OF ORTHOPAEDIC SURGERY

1. The American Board of Orthopaedic Surgery awards a Certificate to a candidate who successfully passes the certifying examination, confines his practice to orthopaedic surgery and is acceptable on the basis of his moral and ethical standing. This portion of the Board's responsibility is discharged by issuing a Certificate to an individual found qualified as of the date of certification. A Certificate may be revoked because of intentional and substantive misrepresentation to the Board respecting the candidate's education and other requirements for eligibility.

2. In signing his application the candidate agrees to the revocation of his Certificate upon request by the Board on grounds of his violation of standards of ethical practice and/or any cause resulting in forfeiture of his license to practice.

3. Before the revocation of a Certificate is carried out the Diplomate will be informed of the basis of such action and will be afforded a hearing following procedures as formulated by the American Board of Orthopaedic Surgery.

4. Should the circumstances which were considered in justification for revocation or surrender of the Diplomate's Certificate be corrected, the Board may subsequently reinstate the Certificate after appropriate review of the individual's qualifications and performance, using the same standards as for other candidates for certification.

#### IX. MILITARY SERVICE

Medical officers who have elected service in the military forces as their life career apply for certification on the same basis as physicians in civilian practice. The practice requirement may be met by hospital assignments in which their duties are limited to the practice of orthopaedic surgery.

#### X. APPROVED ORTHOPAEDIC SURGERY RESIDENCIES

1. Education in orthopaedic surgery in the United States must be obtained in institutions approved for resident training in orthopaedic surgery by the Residency Review Committee. The Committee consists of representatives of the American Board of Orthopaedic Surgery and the Council on Medical Education of the American Medical Association. A list of approved institutions is published annually in the Directory of Approved Internships and Residencies, and is obtainable from the American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610.

2. Credit for time spent in institutional residency education will be granted only for the period the institutions are on the approved list. (Credit may be given from the start of the resident education period if the institution becomes approved during the time the candidate is in training.)

3. A candidate engaged in residency education in an institution which becomes disapproved in whole or in part will receive education credit for the entire period during which his contract is in force.

4. The term "fellow" is considered synonymous with "resident" and is recognized by the Board only if the position occupied and the work performed by the former are in all respects equal to those of the latter. The total number of residents and fellows engaged in resident education for credit must not exceed the number approved by the

Residency Review Committee for a given program.

5. Institutions approved for residency education in orthopaedic surgery by the Residency Review Committee may utilize the training facilities of institutions not individually approved for residency education, provided the resident spends at least half of the minimum time required in each category of education in institutions approved by the Committee for that type of training.

*Note:* The Residency Review Committee will periodically inspect and approve every hospital used for education by a given program regardless of the length of time of such services. Hospitals giving six months or more of education may be listed in the Directory of Approved Internships and Residencies.

#### XI. REQUIREMENTS OF INSTITUTIONS OFFERING ORTHOPAEDIC TRAINING

1. Institutions approved for full programs and including all parts of the education requirements may integrate all parts so that they may be given concurrently. The Chief of the program or the supervising committee is entirely responsible for comprehensive education in all aspects of the specialty for each resident.

2. Individual hospitals approved for portions of a total program are expected to confine their education primarily to the categories approved by the Residency Review Committee.

3. The institutions which offer orthopaedic surgery education are responsible for providing educational setting and physical facilities which are in keeping with the objectives of the minimal requirements as outlined in Section II.

4. The Board considers that active participation in patient care is an essential feature in teaching the objectives outlined in the minimal educational requirements by the Board.

5. The educational program shall provide adequate staff and facilities to carry out basic science education as outlined in Section II.

6. Candidates in residency education may not engage in private practice.

*Note:* The Board looks with disfavor upon candidates who have completed their residency requirements by education for short periods of time in several approved institutions, even though all the requirements are satisfied.

#### XII. PROCEDURE FOR OBTAINING APPROVAL OF INSTITUTIONS FOR RESIDENCY EDUCATION IN ORTHOPAEDIC SURGERY

The Residency Review Committee for Orthopaedic Surgery is composed of four representatives from each of the two sponsoring organizations, namely, The American Board of Orthopaedic Surgery and the Council on Medical Education of the American Medical Association. The Committee is assigned the responsibility for evaluating and approving residency education programs in relation to their education value and technical content. Programs which are approved by this Committee are listed in the Directory of Approved Internships and Residencies published by the American Medical Association.

1. Necessary application forms are obtainable from the Secretary of the Residency Review Committee for Orthopaedic Surgery at the Council on Medical Education of the American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610.

2. The completed forms are returned to the Secretary of the Residency Review Committee for Orthopaedic Surgery at the above address. An inspection of the proposed program will be carried out by a representative of the Council. The report and related data will be directed to the Residency Review Committee for action. The Secretary of the Committee will then convey the decision of the Residency Review Committee to the petitioning hospital.

The Residency Review Committee meets twice yearly, usually in April and October.

3. Programs tentatively approved are also inspected as soon as feasible by a Diplomate of the American Board of Orthopaedic Surgery. His report is submitted to the Residency Review Committee for further evaluation of education program.

4. Hospitals seeking extension of approved education services or the reinstatement of approval of services following withdrawal of same will follow the same procedures outlined above.

5. The number of residents assigned to any education program must be approved by the Residency Review Committee.

**AMERICAN BOARD OF OTOLARYNGOLOGY**

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**GENERAL REQUIREMENTS**

The following qualifications are requirements for examination by the American Board of Otolaryngology. The applicant:

1. Shall possess high moral, ethical and professional qualifications.
2. Shall be a graduate of a medical school approved by the Council on Medical Education of the American Medical Association or by the Canadian Medical Association.
3. Shall have completed at least a one-year internship which has been approved by the Council on Medical Education of the American Medical Association or the Canadian Medical Association.
4. Must have satisfactorily completed four years of residency training in addition to the internship in a manner acceptable to the head of that residency program. This training must include one year in general surgery and three years in otolaryngology, both in approved programs. The year of general surgical residency should be taken before the residency in otolaryngology. However, it may be taken between the first and second years or second and third years of the residency in otolaryngology, but not following completion of the residency.
5. Who has received some or all premedical and/or medical training in a country other than the United States or Canada, and has served an additional approved residency in otolaryngology in the United States or Canada, is eligible for examination provided he meets all other requirements of the Board.

6. Who has received medical and/or residency training other than in the United States or Canada will be considered on an individual basis.

7. Trained by the preceptorship method will not be eligible for examination after July 1, 1969. No applicant who has not fulfilled the minimal intern and residency requirements as outlined above will be accepted for examination after July 1, 1972.

8. Who does not meet these stated requirements will not be accepted for Board examination unless special circumstances indicate review by the Board.

**APPLICATION FOR EXAMINATION**

There is no required time interval between completion of the residency program and making application for examination.

1. An applicant for examination shall complete and submit the application forms supplied by the Executive Secretary-Treasurer of the Board. The application shall include authenticated records of the following: medical education, internships, residencies and other postgraduate studies, hospital and outpatient department appointments, teaching positions, memberships in medical societies, personal publications, and any additional information that the candidate feels might be of value in processing this application.

2. The application must include a letter from the director of the residency program attesting to the satisfactory completion of the residency program or any part thereof.

3. Additional information may be requested by the Board from the following:

- a. Local medical society
- b. Board certified otolaryngologists from the geographical area in which the applicant practices
- c. The director of the applicant's training program
- d. Hospital chiefs of staff

4. The application shall be signed by two diplomates of the American Board of Otolaryngology. It shall be accompanied by (a) two 4" x 3 1/2" unmounted, dated photographs taken within six months of the date of application, signed by the applicant on the front; (b) letters of recommendation from two additional diplomates of the American Board of Otolaryngology and a third from a non-medical citizen of the community; (c) a list of operations assisted in and performed by the resident during the period of training in both surgery and otolaryngology; (d) official verification of the above medical education and training; (e) the application fee.

5. The completed application with the surgical list (except for residents who are completing their training) shall be mailed to the Executive Secretary-Treasurer at least nine months prior to the requested date of examination; residents completing training should send their surgical list not earlier than one month prior to completion of the residency. The applicant's examination date will be assigned after the completed application has been received by the Executive Secretary-Treasurer and acted upon by the Credentials Committee of the Board.

6. An accepted application designates the candidate as "Board Eligible" and remains active for three years from the date of the mailing of the notification of acceptance by the Secretary-Treasurer of the Board. If, at the termination of this period of time, a candidate has failed to appear for examination, the application is no longer considered valid and the application fee and "Board Eligible" status are forfeited. The application may be reactivated only upon payment of an additional renewal of application fee. If the applicant again fails to appear for examination within three years following such reactivation of the application, he will no longer be considered as "Board Eligible" and no further consideration will be given to any subsequent application submitted without substantiated evidence of additional acceptable training.

7. The Board reserves the right to reject any application.

## FEES FOR EXAMINATION

The present fee for the examination is \$255.00. Of this sum \$125.00 must accompany the application and is not refundable. No application will be processed until this amount is received by the Secretary-Treasurer of the Board. The remaining \$130.00 must be remitted to the Secretary-Treasurer immediately upon notification of acceptance for examination. Once the applicant has agreed in writing to the date of the examination offered by the Board, no part of this \$130.00 is refundable.

The order in which candidates are accepted for examination is at the discretion of the Board.

## EXAMINATION PROCEDURE

The date and location of the examinations are determined by the Board. Advance notices of the date and location of the examinations are published in the Journal of the American Medical Association and journals devoted to the specialty of otolaryngology. When possible, examinations are held at a time convenient to the date of the annual meetings of the American Academy of Ophthalmology and Otolaryngology, or meetings of other national otolaryngology societies. They are usually conducted orally, and consist of three parts: general medical knowledge and that of the basic sciences as they relate to the specialty, clinical examinations, and an evaluation of otorhinolaryngic pathology.

The examinations seek to determine the candidate's knowledge, skill and understanding in the following categories:

1. Morphology, physiology, pharmacology, pathology, microbiology, biochemistry, genetics, immunology, allergy and neurology relevant to the head and neck; the air and food passages; the communication sciences, including a working knowledge of audiology and speech; the endocrine disorders as they relate to otolaryngology.
2. The recognition and management of congenital anomalies, abnormal function, trauma and disease in the regions and systems enumerated in paragraph 1.
3. The recognition and medical management of diseases and abnormality of function of the ears, upper and lower respiratory tract and food passages.
4. The recognition, technique and surgical management of congenital, inflammatory, neoplastic and traumatic states, including among others:
  - a. Temporal bone surgery.
  - b. Paranasal sinus and septum surgery.
  - c. Maxillofacial plastic and reconstructive surgery of the head and neck including rhinoplasty and otoplasty.
  - d. Surgery of the salivary glands.
  - e. Head and neck oncologic surgery.
  - f. Head and neck reconstructive surgery particularly as it relates to the restoration of function in congenital anomalies, following extensive surgery and complications of head and neck trauma.
  - g. Peroral endoscopy, both diagnostic and therapeutic.
  - h. Surgery of the lymphatic tissues of the pharynx.
  - i. Pre- and post-operative care.
5. Diagnoses and diagnostic methods including related laboratory procedures.
6. Diagnostic and therapeutic radiology, including the interpretation of radiographs of the nose, accessory sinuses, salivary glands, temporal bone, skull, neck, larynx, lungs and esophagus.
7. Knowledge of the current literature especially pertaining to the areas mentioned in paragraph 1.
8. Knowledge of the habilitation and rehabilitation techniques and procedures pertaining to otolaryngology.

## RE-EXAMINATION APPLICATION

A candidate who fails the examination may be permitted to take a subsequent examination after a lapse of eleven months. Eligibility for re-examination expires forty-eight

months from the date of notification of first failure. A request for re-examination must be approved by the Board. An additional fee of \$255.00, no part of which is refundable, must be paid when the candidate is notified of acceptance. A request for re-examination must be mailed to the Secretary-Treasurer at least nine months prior to the time for re-examination.

A candidate who fails a second examination may apply for a third. A new application must then be filed. The applicant is advised to submit evidence of further study and professional progress with this application. The fee for the third examination is \$255.00; \$125.00, no part of which is refundable, must accompany the application, and no application will be processed until this amount is received by the Secretary-Treasurer of the Board. The balance of the fee, \$130.00, will be due upon notification of acceptance for the examinations under the same conditions stipulated under fees for the first examination.

A candidate who has failed a fourth examination will be required to serve a year of approved training in otolaryngology before he may be considered for re-examination. The fee and the manner of payment will be the same as for the first examination.

## CERTIFICATION BY THE BOARD

A certificate is granted by the American Board of Otolaryngology to a candidate who has met all the requirements and has satisfactorily passed its examinations.

## REVOCATION OF CERTIFICATES

Certificates issued by the American Board of Otolaryngology are subject to the provisions of the articles of incorporation, the by-laws, and official action of the Board in regular or special session. Each certification is subject to revocation if: (a) the issuance of such certificate were contrary to any provision of the articles of incorporation or by-laws; (b) the physician so certified were ineligible to receive such certificate, irrespective of whether or not the facts were known to, or could have been ascertained by, the Board at the time of the issuance of such certificate; (c) the physician so certified had made any misstatement of fact contrary to Board regulations in his application for such certificate, whether intentional or not intentional, or in any other statement or representation to the Board or its authorized representative; (d) the physician, so certified, should violate the standards of the ethical practice of medicine or should be convicted by a court of competent jurisdiction of a felony or misdemeanor involving, in the opinion of the Board, moral turpitude in connection with his/her practice of medicine; or (e) the physician so certified should have his/her license to practice medicine revoked or should be disciplined or censured as a physician by any court or any other body having proper jurisdiction and authority.

## APPLICANT'S AGREEMENT

Applicants are required to sign the following agreement: I hereby apply to the American Board of Otolaryngology for examination for certification in accordance with the rules, regulations and policies, and herewith enclose the fee of \$125.00 for processing this application, none of which is refundable. I shall pay the remaining \$130.00 of the total fee of \$255.00 if and when accepted for examination and agree that this \$130.00 is not refundable. I agree that prior to or subsequent to my examination, the Board may investigate my standing as a physician including my reputation for complying with the ethical standards of the profession. Furthermore, if the Board refuses to grant a certificate, such a refusal may not and shall not be questioned by me in any court of law or equity, or any other tribunal.

AMERICAN BOARD OF PATHOLOGY

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OFFICE OF THE AMERICAN BOARD OF PATHOLOGY:

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GENERAL REQUIREMENTS

1. The candidate must possess moral and ethical standing in the medical profession.
2. The candidate must hold a license to practice medicine in the country in which he plans to reside.
3. The candidate must devote professional time principally and primarily to pathology.

PROFESSIONAL EDUCATION

1. Graduation from a medical school in the United States approved by the Council on Medical Education of the American Medical Association, or graduation from medical schools acceptable to the Board in other countries.
2. Certification by the Educational Council for Foreign Medical Graduates of graduates from foreign medical schools in accordance with the policy followed by the American Medical Association.

SPECIAL TRAINING AND EXPERIENCE

1. The Board admits candidates to examinations who are otherwise eligible and who have had either of two following types of training and experience:

- (a) After five years, if four of the five years have been in institutions approved by the Council on Medical Education of the American Medical Association, or by the Board.
- (b) After 11 years if none of the training and experience has been in institutions so approved.

2. The specific requirements for those acceptable after five years are as follows:

(a) *Anatomic and Clinical Pathology:*

(1) Four years of supervised study and training in an institution approved for residency training in anatomic and clinical pathology by the Council on Medical Education of the American Medical Association, or by the Board. It is immaterial whether the trainee holds the title of intern, resident, fellow, trainee, or assistant, etc.

The four years of training are divided equally as follows: two years of anatomic pathology and two years of clinical pathology.

The American Board of Pathology sometimes grants credit for time spent in pathology other than in a residency training program as follows:

A. Training in a department of pathology of an approved school of medicine or in a hospital officially affiliated with an approved medical school. Such training must be after the second year of undergraduate study. The maximum credit which may be granted is 12 months.

B. A fellowship or instructorship in a preclinical department of a medical school if, in the opinion of the Board, the experience was applicable to the practice of pathology. The maximum credit which may be granted is 12 months.

C. Candidates holding a master's degree or a doctor's degree in a special discipline of pathology may obtain credit for not more than 12 months toward this work, regardless of

whether it was received before or after the medical degree. The evaluation of time credits will depend on how much of pathology was covered in the graduate work.

Such credits are evaluated on an individual basis. To avoid misunderstanding, trainees desiring credit for undergraduate study or graduate degrees should communicate with the Office of the Secretary of The American Board of Pathology early in the training period.

Research with a direct application to the practice of anatomic and clinical pathology may be accepted for credit not to exceed one-third of the time requirement. The Board encourages research and believes that all candidates should carry on investigation, teaching and the publication of scientific papers during their training.

(2) One additional year, which may be a rotating or straight clinical internship, or further training in pathology, or the independent practice of anatomic and clinical pathology in a hospital approved by the American Medical Association or other institutions acceptable to the Board.

(b) *Anatomic pathology only:*

(1) Four years of supervised study and training in an institution approved for residency training in anatomic pathology by the Council on Medical Education of the American Medical Association, or by the Board. Candidates may substitute not to exceed 12 months of a straight or rotating clinical internship, or a fellowship or instructorship in any of the preclinical departments of a medical school, for one of the four years. In addition, training in a pathology department of an approved medical school after the second year of undergraduate study may be credited as outlined under 2-(a)-(1).

(2) One additional year, which may be a continuation of the preceding or independent practice of anatomic pathology in a hospital approved by the American Medical Association, or other institutions acceptable to the Board.

(c) *Clinical pathology only:*

(1) Four years of supervised study and training in an institution approved for residency training in clinical pathology. Candidates may substitute not to exceed 12 months of a clinical internship, a fellowship or instructorship in a preclinical department of a medical school for one of the four years. The credit for undergraduate training or a master's or doctor's degree also applies, as outlined in 2-(a)-(1).

(2) One additional year, which may be a continuation of the preceding or independent practice of clinical pathology in a hospital approved by the American Medical Association, or other institutions acceptable to the Board.

(d) *Medical Chemistry, Medical Microbiology, Hematology, Neuropathology, and Forensic Pathology:*

The Board admits candidates to examination in special fields of pathology who are otherwise eligible and who have had one of the following types of training:

(1) For qualification in medical chemistry, medical microbiology, or hematology, applicants already holding a certificate of the Board in anatomic and clinical pathology, or the certificate in clinical pathology only, one additional year of supervised training in the special field of choice in an institution approved by the Council on Medical Education of the American Medical Association, or by the Board, or one additional year of full-time experience or its equivalent, (in the special fields of medical chemistry, medical microbiology, or hematology) under circumstances satisfactory to the Board.

For qualification in neuropathology, applicants already holding the certificate of the Board in anatomic and clinical pathology, or the certificate in anatomic pathology only, two years of supervised training in neuropathology in institutions approved by the Council on Medical Education of the American Medical Association, or by the Board. One of the two years may be substituted for the fifth year toward regular certification. The Board admits to examination in anatomic pathology and neuropathology candidates with

approved training consisting of two years in anatomic pathology and two years in neuropathology with adequate experience in diagnostic neuropathology, plus a fifth year (internship, practice, or further training). The Board also admits to examination candidates with one year of approved internship, one year of approved training in anatomic pathology, two years of approved training in neuropathology with adequate experience in diagnostic neuropathology, and a fifth year which may be spent in an approved residency or research related to neurological science, approved training in neuropathology, or practice of neuropathology. The Board will also consider for examination candidates with 11 years of practice of neuropathology under circumstances acceptable to the Board.

For qualification in forensic pathology, applicants already holding a certificate in anatomic and clinical pathology or in anatomic pathology only, or, in special instances, in clinical pathology only—one year of supervised training in forensic pathology in institutions approved by the Council on Medical Education of the American Medical Association, or by the Board. The Board will accept the combination of approved training in anatomic, clinical and forensic pathology after five years on the basis of two years in anatomic pathology, two years in clinical pathology, and one year in forensic pathology. For details, write the Secretary of the Board.

(2) Applicants not holding a certificate in pathology from the Board—five years of training in the special field of their choice, provided four of the five years have been in institutions approved for training in special fields of pathology by the Council on Medical Education of the American Medical Association, or by the Board. Candidates may, at their own election, substitute not to exceed 12 months of a straight or rotating clinical internship, or a fellowship or instructorship in any of the preclinical departments of a medical school, for one of the four years. The fifth year may be a continuation of supervised training or may be independent practice of the specialty in a hospital approved by the American Medical Association, or in other institutions acceptable to the Board.

3. The requirements for those acceptable under the so-called "11 year rule" of the Board are: The practice of pathology under circumstances acceptable to the Board for a period of not less than 11 years. At the election of the candidate, a period not to exceed one year of straight or rotating clinical internship may be substituted for one of the 11 years. For the candidate in this category who has had some special study and training in anatomic or clinical pathology acceptable under paragraphs 2-(a), (b), (c) or (d), double time credit will be allowed. Thus, if a candidate had two years of acceptable supervised study and training, only seven years of practice would be required.

If a candidate has become certified in anatomic pathology, the rule for eligibility by experience is as follows: Six years of full-time experience in the practice of clinical pathology under circumstances acceptable to the Board after the date of certification in anatomic pathology. The same requirements would apply for eligibility in anatomic pathology after certification in clinical pathology.

4. Certification without examination.

(a) As of January 1, 1966, the Board no longer certifies without examination.

#### CREDIT FOR MILITARY SERVICES

Training or experience, or both, of reserve officers in the military services is evaluated on an individual basis. Credit depends upon the assignment the applicant has had, e.g., in a military institution approved for training in pathology by the Council on Medical Education of the American Medical Association as compared with an assignment to an unapproved location. For evaluation of credit for military service, write to the Secretary of the Board.

#### BOARD ELIGIBLE

For the purposes of the American Board of Pathology "Board Eligible" for examination is to be defined as applicable to a pathologist, a) who has sent in a formal application, including fee, to the American Board of Pathology, b) whose application has been evaluated by the Board and found to meet the requirements for examination by the American Board of Pathology, and c) who has received a formal statement in writing to that effect from the Board.

Further policies pertaining to this are that the status of being "Board Eligible" for examination is valid for three years only, after which a new application, with additional fee, re-evaluation and new statement for examination are required.

#### APPLICATION BLANK AND FEE

Application must be made on the special form that may be obtained from the Secretary and forwarded with other required credentials and the application fee. An application cannot be given consideration by the Board unless it is accompanied by the application fee.

The application or examination fee for candidates is one hundred fifty dollars (\$150). If the candidate fails in the examination, admission to a second examination is permitted after one year. The applicant must pay an additional fee of one hundred dollars (\$100) before a second examination will be given.

The application fee of one hundred fifty dollars (\$150) has been determined after careful consideration and is based on actual estimates of the expense of examination and administration. None of the Board members receives any compensation for his services except actual expenses incurred.

If the applicant, for any reason, is deemed ineligible for examination by the Board, his fee will be returned; however the application fee is not returnable after the candidate has officially been accepted for examination and notified to report for the examination.

Candidates who fail to appear for examination and have not notified the Office of the Secretary of the American Board of Pathology at least one month prior to the date of the examination will be subject to forfeiture of the examination fee.

#### EXAMINATIONS

Examinations will be held at the discretion of the Board. The examinations are to be based on the broad principles of pathology with emphasis on diagnosis, interpretation and technique. The applicant may apply for certification in anatomic and clinical pathology, in anatomic pathology only, in clinical pathology only, or in a special field.

After February 1, 1967, a candidate who is eligible for examination in anatomic and clinical pathology, having fulfilled the minimum requirements of 24 months of approved training in anatomic pathology and 24 months of approved training in clinical pathology, will receive certificates only after both parts (anatomic pathology and clinical pathology) of the examination have been passed. The two parts may be taken at one session or at separate sessions of the American Board of Pathology within a three-year time limit of "Board Eligibility."

A candidate who has fulfilled the requirements for anatomic pathology only, or clinical pathology only (i.e., internship, plus three years approved training and an additional year of further training, practice or research in pathology) will receive the certificate immediately after passing the total examination in anatomic pathology or clinical pathology.

CRITERIA FOR APPROVAL OF INSTITUTIONS  
FOR TRAINING IN PATHOLOGY

In Section C-2-a, C-2-b, and C-2-c of the *General Requirements*, it is stated that candidates must have certain periods of supervised study and training. The American Board of Pathology, in cooperation with the Council on Medical Education of the American Medical Association, certifies hospitals in the United States as satisfactory for this supervised study and training. Lists of these hospitals are published in the *Directory of Approved Internships and Residencies of the American Medical Association each year*.

The general criteria for approval of hospitals and laboratories are both qualitative and quantitative. On the score of quality, consideration is given to the qualifications of the director of laboratories and to the associates and assistants, the supervision of work of the trainee, the excellence of the educational program, and the exactness and completeness of the laboratory work performed. On the score of quantity, consideration is given to the volume and distribution of laboratory work, both in absolute numbers and in relation to the size of the hospital, to the diversity and completeness of tests performed, to the size and equipment of laboratory, and to the number of professional and nonprofessional personnel in relation to the volume of work.

In general, the qualitative standards will determine whether or not a hospital or laboratory is approved and the quantitative standards will determine whether the approval is for one, two, three, or four years of credit toward the requirements of the Board.

In evaluation of applications the Board takes into consideration the following criteria:

1. Director of laboratories or pathologist:

(a) It is required that the responsible head of the laboratory hold the certificate of the American Board of Pathology in the subject for which the hospital is approved and that he or she spend full time in the hospital. Full time is not interpreted in terms of hours, but rather that the director have no obligation outside the one approved hospital except in a university department of pathology in which he and the residents have an opportunity to participate in the educational program;

(b) In special instances, the equivalent of full time by two or more qualified persons will be accepted and one person need not spend the entire working day in the laboratory;

(c) In special instances, two or more hospitals will be approved as a unit with a single full-time director of laboratories, if it is apparent that a satisfactory training program can be conducted;

(d) In most hospitals, it is expected that the medical staff of the Department of Pathology will include clinical pathologists to implement the subspecialties represented in clinical pathology.

2. Medical Technologists:

There are no absolute criteria, but it is expected that the number of medical technologists will be proportional to the volume of laboratory work and that, insofar as possible, the medical technologists will hold the certificate of the Registry of Medical Technologists of the American Society of Clinical Pathologists.

3. Floor space of Laboratory:

The Board recognizes the complexity and diversity of tests performed in a modern pathology laboratory. To insure optimal working conditions, adequate space should be provided for personnel and equipment. The Board does not specify the exact amount of space in a given laboratory. However, programs in general hospitals with a ratio of less than 20 sq. ft. per hospital bed will be scrutinized closely.

4. Equipment for the Laboratory:

The variety and completeness of laboratory tests per-

formed depend on the size of the hospital. In all hospitals there should be facilities for the more common tests in clinical pathology, for study of surgical specimens, and for performance of necropsies. In larger hospitals, the variety of tests performed should be larger, and in hospitals with over 500 beds all recognized laboratory procedures should be available for study and treatment of the patient.

5. Percentage of necropsies:

No institution with a necropsy rate of less than 25 per cent will be approved, and those institutions with a rate between 25 and 40 per cent will be given special scrutiny.

6. Examination of surgical specimens:

All surgical specimens should be sent to the laboratory for gross examination, and microscopic examinations should be made unless there are general or special reasons not to do so, e.g., teeth, metallic or other foreign bodies, etc.

7. Indices:

There should be indices according to the names of the patients and the diagnosis of all surgical and necropsy material. Indices of selected diagnoses of tests in clinical pathology are equally valuable for teaching and research.

8. Museum:

There should be available gross pathologic specimens for study by the staff in proportion to the size of the hospital. Properly filed and indexed color photographs may in part be substituted for museum specimens.

9. Library:

A reasonably complete library of modern books and recent unbound and bound journals should be available to the hospital, and the more commonly used books and journals should be on hand in the laboratory.

10. Educational program:

The work of the person in training should be supervised. Conferences, seminars, journal clubs, and demonstrations should be conducted as frequently as the volume of material and the size of the staff justifies. A clinicopathological conference must be held at least every two weeks.

11. Volume of laboratory work:

In the field of anatomic pathology there should be sufficient volume and variety of necropsy, surgical and cytological material (except in special programs) to insure adequate education, training and experience in this branch of the specialty. There are no absolute criteria but special scrutiny will be given to a hospital in which an adequate volume and variety of the various types of pathologic material do not exist.

In the field of clinical pathology there should be a reasonable diversification of tests and in each category there should be sufficient volume to provide training and experience. There are no absolute criteria but special scrutiny will be given to a hospital in which there is not a reasonable diversity and variety of clinicopathologic specimens.

Approval is granted for residency training in pathology in the following categories:

**CATEGORY APCP-4.** In both anatomic and clinical pathology, for a total of four years.

**CATEGORY APCP-2.** In both anatomic and clinical pathology, one year in each, for a total of two years.

**CATEGORY AP-3.** In anatomic pathology only, for three or more years.

**CATEGORY AP-1.** In anatomic pathology only, for one year.

**CATEGORY CP-3.** In clinical pathology only, for three or more years.

**CATEGORY CP-1.** In clinical pathology only, for one year.

**CATEGORY SP.** Special pathology only, usually for one year. This designation includes forensic pathology, neuropathology, research only, and such other special programs as may be approved.

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 REQUIREMENTS FOR ADMISSION TO EXAMINATION  
 GRADUATES OF MEDICAL SCHOOLS IN THE UNITED STATES

All candidates for examination for certification must meet the following requirements:\*

1. Graduation from an approved medical school.
2. Licensure to practice in the United States prior to issuance of a certificate except in those situations in which a license to practice is not required.
3. One year of rotating, pediatric, or other internship in an approved hospital.
4. Two years of specialized residency-type training in an approved pediatric center. However, the Board strongly recommends that if the internship is other than a straight pediatric internship, a full three years of hospital training in pediatrics be secured.
5. In addition to the three years of internship and residency, two years are required in the practice of pediatrics or its equivalent.
6. Thus, the examination may be taken five years after graduation from medical school.

7. **RESIDENCY TRAINING:** The straight pediatric intern can complete both his required and his recommended hospital experience by serving two years in pediatric residency after his internship. At the end of this period he will be well informed about pediatrics, although his general medical competence may be narrow. The rotating intern will, after two years of pediatric residency, have had a broader exposure but his pediatric experience may be somewhat limited. For such a physician we recommend, but do not require, an additional year of pediatric training.

The core of pediatric training is a period of two years spent in intensive, closely supervised work with both sick and well children in a hospital setting. For the candidate who had a straight pediatric internship, at least twelve months of the two years of required residency training must be a full-time pediatric inpatient *residency* in an approved institution. For the candidate who had a rotating internship, both years must be so constituted. Thereafter the Board feels that pediatric training may properly take different paths.

7-a. For the man who intends a career in the *practice of pediatrics*, many skills are needed beyond those which are gained in the two core years of hospital care of the sick. We recommend for him an additional year spent in the problems of behavior, of school and family life, of chronic and handicapping illness, and in contact with other community health resources. This type of program should be emphasized for the final year of the trainee who starts with a straight pediatric internship. The man who starts with a rotating internship is advised to seek an additional year of this type to sup-

plement his two years of pediatric residency.

7-b. Some candidates interested in *family practice* or *adolescence* may wish to qualify for certification in both Pediatrics and Internal Medicine. The formal training can be accomplished by one of the following programs:

1. Year 1 Straight pediatric internship  
 Year 2 Pediatric residency  
 Year 3 Residency in Internal Medicine  
 Year 4 Residency in Internal Medicine
2. Year 1 Straight medical internship  
 Year 2 Residency in Internal Medicine  
 Year 3 Pediatric residency  
 Year 4 Pediatric residency
3. Year 1 Internship other than straight pediatric or straight medical  
 Year 2 Pediatric residency  
 Year 3 Pediatric residency  
 Year 4 Residency in Internal Medicine  
 Year 5 Residency in Internal Medicine

Training directors should coordinate the residencies in the two fields in such a way that time will be saved due to the overlapping of the programs that can be allocated for experience in the problems of behavior, school or family life, as noted in section 7-a. The examinations will be carried out in the usual manner by the separate boards.

7-c. *Subspecialization* is another important career avenue, whether the candidate intends to become a practitioner, teacher, investigator, psychiatrist, neurologist, allergist, cardiologist, or to enter the special fields of pediatric public health, mental retardation or rehabilitation. Training for approved subspecialty areas such as cardiology, allergy, etc., usually requires at least two years. The Board permits subspecialty training (usually in the form of a fellowship) to begin after the two core years of pediatric internship and/or residency. In the case of the straight pediatric intern, the first year of the fellowship may be concurrent with the required third year of hospital training, provided that the subspecialty continues for two or more years and that at least one-half of the work is clinical work with children.

The rotating intern can begin his subspecialty training after his two core years of pediatric training, i.e., after the completion of Board requirements for hospital training. Three months credit may be allowed for full-time residency-type training in each of the following pediatric subspecialties: allergy, cardiology, endocrinology, hematology, neurology, pathology, psychiatry, radiology, and on contagious disease and newborn and premature infant services. Program directors are encouraged to submit their plans for incorporating the equivalent of the third year of hospital training in pediatrics into the two or more years of the subspecialty program, to the American Board of Pediatrics for review and advice.

7-d. Trainees who are expecting to subspecialize may interrupt their required pediatric residency for the purpose of *research* provided the requirements are eventually met, and provided the program proposed is approved by the training director.

The individual who chooses to specialize in a laboratory research field, and whose fellowship program does not include an assignment of at least fifty per cent of the trainee's time in work with patients, must complete the required clinical training before taking the examination.

\*To avoid misunderstanding, the Board urges any candidate whose training is not clearly covered in these regulations to communicate with the office of the Executive Secretary. Whenever possible, this should be done before entering upon the appointment in question.

SUMMARY

- A. Year 1 Rotating or other than pediatric internship
- Year 2 Pediatric residency
- Year 3 Pediatric residency
- 3rd year of pediatric residency recommended, but not required. (Sections 3, 4)
- B. Year 1 Straight internship in pediatrics
- Year 2 Pediatric residency
- Year 3 Pediatric residency (Sections 3, 4)
- C. Year 1 Straight pediatric internship
- Year 2 Pediatric residency
- Year 3 Subspecialty fellowship
- Year 4 Subspecialty fellowship (Section 7-c)

8. GRADUATE SCHOOL COURSES: It is a fundamental concept of the American Board of Pediatrics that a residency training program should provide for properly organized progressive responsibility for the care of sick children. The Board believes further that this purpose can best be accomplished through continuity of clinical experience under supervision of attending physicians who are themselves responsible for the care of the children on that service. The substitution of a formal course in a graduate or postgraduate school which does not carry the essential ingredient of responsibility for patient care is, in the opinion of the Board, inconsistent with this principle. Accordingly, the Board will accept such courses as part of an approved residency program in pediatrics only in exceptional cases authorized by the Board.

9. PRACTICE REQUIREMENTS: Graduate school courses, research residencies and teaching fellowships are, of course, entirely acceptable in satisfaction of practice or further study requirements. Portions of such residencies not applicable for residency training credit may thus be carried over for practice credit.

Preceptorships may not be accepted for credit toward the residency requirement, but are accepted toward practice requirements.

10. CREDIT FOR MILITARY SERVICE: Credit for one year of the practice requirement is allowed for medical military service regardless of assignment. Credit in excess of one year may be granted if the medical officer is engaged in full-time pediatrics, or may be prorated if a considerable proportion of time is spent in pediatrics provided he has completed his residency training. It must be noted further, that the maximum credit that any candidate may receive toward the practice requirement for work done prior to completion of residency training is 18 months.

Military hospital assignment will not be accepted in lieu of approved residency training unless the candidate is definitely assigned as a resident to a military hospital approved for residency training in pediatrics.

11. CANDIDATES NOT MEETING REQUIREMENTS:

Exceptionally, a physician may have worked in a pediatric field for many years, yet be deficient in the formal prerequisites for examination. If such a man presents evidence of outstanding competence and wishes to take the examination, he may apply for permission to do so. The Credentials Committee will review his record and decide whether or not he should be given permission to take the examination.

12. SPECIAL SITUATIONS: The Board recognizes that situations may arise which are not clearly covered in the foregoing statement. In such cases, the program director should present his question to the Executive Secretary who will submit any problems to the Credentials Committee of the Board for its consideration.

GRADUATES OF MEDICAL SCHOOLS IN CANADA

Graduates of approved medical schools in Canada and those who have received their internship and residency

training in pediatrics in hospitals approved by the Royal College of Physicians and Surgeons of Canada will be eligible for examination under the same regulations that apply to those trained in the United States.

GRADUATES OF FOREIGN MEDICAL SCHOOLS

*Citizens of the United States:* Candidates who are graduates of medical schools other than those in the United States and Canada will be processed for eligibility for examination for certification if they meet all the following requirements:

1. They hold the standard certificate of the Educational Council for Foreign Medical Graduates.
2. They hold a license to practice in the United States.
3. They meet the internship, residency training, and practice or further study requirements of the Board as detailed above.

*Citizens of Other Countries:* Properly qualified candidates who are permanent residents in and citizens of other countries, are licensed to practice there, and have fulfilled the internship and residency training requirements listed above in the United States or Canada, may apply for examination for certification by the American Board of Pediatrics.

All such candidates must hold the standard certificate of the Educational Council for Foreign Medical Graduates before being admitted to the Board examinations.

Foreign candidates who are returning to their own country at the end of their training period may be examined prior to completion of two full years in the practice of pediatrics.

The certificate of this Board will be issued to candidates who have passed successfully the examinations of this Board after they have completed a period of practice or further study in their own country which, when added to similar experience in the United States or Canada, makes a total of two years of the practice of pediatrics.

INFORMATION CONCERNING EXAMINATIONS

The examinations for certification are given in two sections: Part I is written; Part II is an oral examination.

PART I—WRITTEN

Written examinations are objective in type and are given once each year, simultaneously at a number of places scattered throughout the country, and at a few locations abroad. Candidates must pass the written examination before admission to the oral examination will be authorized.

Candidates may apply for admission to written examination six months before the completion of their second year of pediatric training. However, all candidates must complete their core pediatric training by July 1st in order to be eligible to take the written examination on the preceding June 12th. In cases where this regulation would impose a hardship, the Board will consider appeals. They must apply prior to March 15th of the year in which they wish to take the written examination which will be given in June of each year. Results in each of five areas of examination will be reported to them as soon as possible after grading has been completed. It is hoped that by taking the examination earlier in this program of training, the individual candidate will be able to discover his areas of weakness and take appropriate measures to correct any such deficiencies before appearing for the final oral examination. The written examination may be retaken without an additional fee for the purpose of improving the grade at any time up to five years after the original trial.

In order to provide candidates with a knowledge of specific areas of strength or weakness in their training, the American Board of Pediatrics will make the following changes in the written examination to be offered in June of each year.

1. The length of the examination will be increased from three hours to six hours, i.e., two three hour sessions with a

luncheon break between. Questions of the morning session must be completed and turned in before the luncheon break; a second set of questions will be issued for the afternoon portion of the examinations.

2. Candidates' examinations will be graded on the full performance, but will also be scored in the following subdivisions of pediatric knowledge, including diagnosis and treatment:

#### I. The Newborn

To include prenatal care and obstetric practices as they relate to the offspring; embryology, physiology and pathology of the fetus and newborn; infant feeding; vitamin requirements and deficiencies, infections and metabolic disorders peculiar to the new born; anomalies and other disorders which require attention in early life.

#### II. Metabolic Disorders

Principles of fluid and electrolyte balance and management; inborn and acquired errors of metabolism; molecular and chemical disorders; endocrinology; renal and genitourinary disease; malabsorption syndromes.

#### III. Growth and Development

General genetic theory; physical, mental and behavioral development; neurology, psychology and psychiatry; school problems; adolescence; family medicine, mental retardation; perceptual handicaps.

#### IV. Infectious Diseases

Bacterial, viral, fungal and protozoal disease; infectious and inflammatory disease of uncertain origin; "auto-immune" diseases; principles of immunity; immunization; public health measures; allergy; mechanical respiratory problems; dermatology.

#### V. Other Pediatric Areas

Cardiology; hematology; pathology; coagulation defects; surgery and orthopedics; anaesthesia; emergencies; burns, poisonings and drugs; nutrition of the older child; obesity.

### CLOSING DATE FOR RECEIPT OF APPLICATIONS FOR THE 1969 WRITTEN EXAMINATION IN JUNE IS THE PRECEDING MARCH 15, 1969.

#### PART II—ORAL

Oral examinations are held five or six times each year at centers offering suitable facilities, in locations determined by proximity to the largest number of eligible candidates. As far as possible, candidates are given a choice of locations, taking into account date application is filed, date of eligibility, and proximity to the examination site.

There will be no change in the requirements for admission to the oral examination. American candidates must wait until the conclusion of their full five years of training and/or practice. Foreign candidates who are returning to their own country at the end of their training period may be examined prior to completion of the final two years of practice or further study in pediatrics, but the certificate of the Board will not be issued to them until they (1) pass the oral examination and (2) complete the same 5-year period of training as required of American candidates.

#### APPLICATION

Applications must be made on special blanks, which will be furnished by the Executive Secretary after a preliminary survey of the applicant's training. Applications may be submitted as outlined under PART I—WRITTEN.

#### LETTERS OF RECOMMENDATION

Letters from two competent pediatricians recommending each applicant must be sent to the Executive Secretary of the Board. These letters should not accompany the application but should be sent directly to the Executive Secretary. One letter must be from the Chief of Service in the hospital in which the candidate has received at least one year of training.

#### FEES

The application fee is \$175.00. The full fee must be remitted with the application.

No additional fee is required for second and third written examinations. The fee for second and third *oral* examinations is \$100.00.

Fees are subject to change at any time and are non-refundable.

#### FAILURE IN EXAMINATIONS

As indicated above, a written examination must be passed before a candidate is eligible for oral examination. Written reexaminations may be taken one and two years later. After a third failure, the situation will be reviewed by the Board to decide subsequent procedure.

Applicants who fail an oral examination become eligible for a second examination after one year. After a second failure, examination will again be permitted after one year. To become eligible for a fourth examination, a candidate must complete a plan of preparation for the same that is declared acceptable in advance by the Credentials Committee of the Board.

Candidates will be notified only that they have passed or failed the written examination. The written examination score will, however, be utilized in rendering a final decision with regard to passing Part II.

Candidates who fail after taking Part II will not be required to retake Part I but may be advised to do so in order that they may have an opportunity to improve a low score.

#### POSTPONEMENT OF EXAMINATIONS

After acceptance of his application a candidate is expected to take the *next* written examination offered. Such examinations are given annually at a time and place to be announced by notice mailed to eligible candidates. If desired, the candidate may postpone this written examination for one additional year upon written notice to the Executive Secretary of the Board.

After having passed the written examination, a candidate must then appear for oral examination within three years. This three-year period may be extended upon written request by the candidate for such period of time as the Board, in its sole discretion, deems advisable.

After failure in *either* Part I (written) or Part II (oral) of the examinations, a candidate must appear for reexamination within three years, unless such time is extended upon written request of the candidate for such period as the Board, in its sole discretion, deems advisable.

In case of failure to appear for examination within the periods specified above, a candidate will be placed on an "Inactive Status" for a period of five years, during which time he will no longer be notified of examination places and dates. At any time during this five-year period he may, however, upon written request to the Board, be reinstated as an active candidate. If he fails to take advantage of this opportunity he will be dropped from the rolls and if he wishes reinstatement, must file a new application and pay a fee of \$50.00.

All reinstated candidates must present themselves for examination within a period determined by the Board. Failure to appear for examination within such period, unless excused by the Board, will result in loss of eligibility. In order to again be reinstated, a candidate must submit a new application and a new fee.

#### PURPOSE OF EXAMINATIONS

The purpose of these examinations is to determine the applicant's competency to practice pediatrics of high quality. Emphasis is therefore placed on practical aspects but since good practice is founded on sound scientific knowledge, the candidate must be prepared to demonstrate that he can utilize basic data.

Clinical and abstract aspects of growth and development are fundamental parts of pediatric training, and about one-fourth of the oral examination is devoted to this phase. Diagnosis and treatment of disease fill another quarter, and the remainder of the examination is devoted to study and discussion of "clinical cases."

**CERTIFICATION BY THE BOARD**

A certificate is awarded by the American Board of Pediatrics to those candidates who have met the requirements and have satisfactorily passed the examination.

**CERTIFICATION IN SUBSPECIALTY OF PEDIATRIC ALLERGY**

HARRY LOUIS MUELLER, Chairman, Boston  
 OSCAR L. FRICK, San Francisco  
 WILLIAM A. HOWARD, Washington, D.C.  
 WALTER R. KESSLER, New York City  
 ABE MATHESON, Chicago  
 SHELDON C. SEGEL, Los Angeles

The American Board of Pediatrics has established certification in allergy as a subspecialty of pediatrics.

All candidates must hold a certificate in pediatrics before being admitted to examination in allergy. The candidate may embark on his training in pediatric allergy after two years resident training in pediatrics following a rotating internship. In the case of the straight pediatric intern, the first year of pediatric allergy training may be concurrent with the required third year of hospital training in pediatrics provided that the subspecialty training continues for two or more years, and that at least half the time spent is in clinical allergy experience with children.

Each application is individually considered and must be accepted by the Sub-Board of Pediatric Allergy.

**INFORMATION CONCERNING EXAMINATIONS**

Allergy examinations consist of written and oral portions. The written examination will be given once a year under a local monitor and must be passed before the candidate is admitted to oral examination. Oral examinations will be held at times and places designated by the Sub-Board. Advance notice will be sent to candidates.

**FEES**

The application fee for certification in allergy is one hundred, seventy-five dollars (\$175.00).

The full fee must be remitted with the application.

No additional fee is required for second and third written examinations. The fee for second and third oral examinations is one hundred dollars (\$100.00) each.

**LETTERS OF RECOMMENDATION**

Letters from two competent pediatric allergists recommending each applicant must be sent to the Executive Secretary of the Board. These letters should not accompany the application but should be sent directly to the Executive Secretary. One letter must be from the Chief of Service in the hospital in which the candidate has received at least one year of training.

**REQUIREMENTS**

1) Certification by the American Board of Pediatrics. Training in Allergy may be carried out prior to such certification.

2) Two years of full-time training in an approved allergy training program and its associated hospital. At least half of such training must be in pediatric allergy. Three types of training programs have been approved:

- (a) Pediatric
- (b) Adult
- (c) Mixed

Two years in training programs of type (a) or (c), or one year in each, or one year in (a) and one year in (b) is ac-

ceptable. One year in (b) and the other in (c) is not acceptable.

In place of (2) the candidate may take:

3) One year full-time training in an approved allergy training program plus two years part-time training at least once a week for not less than 200 hours each year in an approved part-time allergy training program and hospital. At least half of the total experience must be in pediatric allergy. Thus, training which consists only in a combination of (b) and (c) as defined above does not qualify. THIS PROVISION IS BEING WITHDRAWN. CANDIDATES MUST HAVE STARTED THIS PROGRAM PRIOR TO JULY 1, 1971.

OR

4) Five years, part-time at least once a week for not less than 200 hours each year, in an approved pediatric or mixed allergy training program. THIS PROVISION IS BEING WITHDRAWN. CANDIDATES MUST HAVE STARTED THIS PROGRAM PRIOR TO JANUARY 1963 AND HAVE COMPLETED IT BY JANUARY 1973.

RESEARCH: If at least half of a candidate's qualifying full-time training is in clinical pediatric allergy, the remainder may be spent in supervised allergy research or in training in adult allergy in an approved training program or in a combination of the two.

PRECEPTORSHIP: Preceptorship alone is not acceptable, but part of a full-time training program (50 per cent or less) may include supervised training in the private office of a qualified allergist, provided such an arrangement is part of an approved training program and the preceptorship and clinic training run concomitantly.

CREDIT FOR COURSES: Established courses or seminars in allergy and immunology, which are attended during the training period, may be credited for part-time training. Instruction such as is given in these subjects by the American Academy of Pediatrics, the Academy of Allergy, or the College of Allergy, are examples. Three hours of credit toward part-time training will be allowed for each hour of instruction, but not over 20 per cent of required part-time training hours may be so credited each year.

Candidates should be prepared for written and oral examinations in the theory and practice of allergy. This will include immunology, atopy, allergy of infection, experimental hypersensitivity, the clinical manifestations of allergic disease, especially as they appear in infants and children, and also allergic factors that may be present in other diseases. They must be prepared to discuss diagnostic procedures and methods of treatment, and the pharmacology of drugs and physiology of respiration as they relate to allergic diseases. In controversial matters, they should be familiar with arguments on both sides of such questions.

**FAILURE IN EXAMINATIONS**

As indicated above, a written examination must be passed before a candidate is eligible for oral examination. Written reexaminations may be taken one and two years later. After a third failure, the situation will be reviewed by the Sub-Board to decide subsequent procedure.

Applicants who fail an oral examination become eligible for a second examination after one year. After a second failure, examination will again be permitted after one year. To become eligible for a fourth examination, a candidate must complete a plan of preparation for the same that is declared acceptable in advance by the Credentials Committee of the Sub-Board.

Candidates will be notified only that they have passed or failed the written examination. The written examination score will, however, be utilized in rendering a final decision with regard to passing Part II.

Candidates who fail after taking Part II will not be required to retake Part I but may be advised to do so in order that they may have an opportunity to improve a low score.

## TRAINING PROGRAMS

The candidates should consult the Directory of Approved Internships and Residencies, published by the American Medical Association each Fall, for listing of hospitals approved for residency training in allergy.

## PART-TIME TRAINING

All hospitals approved for full-time training in pediatric allergy are also approved for part-time training. In addition, clinics of the following hospitals have been approved for part-time training: D. C. General Hospital, Washington, D. C., R. B. Scott; Jackson Memorial Hospital, Miami, Fla., M. Marks; Children's Memorial Hospital, Chicago, G. Lanoff; Charity Hospital, New Orleans, V. J. Derbes; Bronx Municipal Hospital, New York City, H. Rapaport; Long Island Jewish Hospital, New Hyde Park, N. Y., E. Pearlman; Metropolitan Hospital, New York Medical College, New York City, S. Untracht; New York Hospital, New York City, P. DeGara; Children's Memorial Hospital, University of Oklahoma, Oklahoma City, L. Burroughs; University of Oregon Medical School Hospital, Portland, A. Wert; Jefferson Medical College Hospital, Philadelphia, H. Leopold; Vanderbilt University Hospital, Nashville, J. Overall.

## APPLICATIONS

Application forms will be forwarded in duplicate on request to the Executive Secretary of the American Board of Pediatrics, Six Bryn Mawr Avenue, Bryn Mawr, Pennsylvania 19010.

## CERTIFICATION BY THE BOARD

A certificate is awarded by the American Board of Pediatrics to those candidates who have met the requirements and have satisfactorily passed the examinations.

## CERTIFICATION IN SUBSPECIALTY OF PEDIATRIC CARDIOLOGY

FORREST H. ADAMS, Chairman, Los Angeles  
SIDNEY BLUMENTHAL, New York City  
JAMES W. DUSHANE, Rochester, Minn.  
PAUL R. LURIE, Los Angeles  
DAN G. McNAMARA, Houston, Texas  
ABRAHAM M. RUDOLPH, San Francisco

The American Board of Pediatrics has established certification in cardiology as a subspecialty of pediatrics.

All candidates must hold a certificate in pediatrics before submitting an application for examination in cardiology. The candidate may embark on his training in pediatric cardiology after two years resident training in pediatrics following a rotating internship. In the case of the straight pediatric intern, the first year of the pediatric cardiology fellowship may be concurrent with the required third year of hospital training in pediatrics provided that the subspecialty continues for two or more years and that at least half the work is clinical work with children.

Each cardiology application is individually considered and must be accepted by the Sub-Board.

## INFORMATION CONCERNING EXAMINATIONS

Cardiology examinations consist of written and oral portions. The written examination will be given once a year under a local monitor and must be passed before the candidate is admitted to oral examination. Oral examinations will be held at times and places designated by the Sub-Board. Ample notice will be sent to candidates.

## FEES

The application fee for certification in cardiology is one hundred seventy-five dollars (\$175.00).

The full fee must be remitted with the application.

No additional fee is required for second and third written examinations. The fee for second and third oral examinations

is one hundred dollars (\$100.00) each.

Fees are subject to change at any time.

## LETTERS OF RECOMMENDATION

Letters from two competent pediatric cardiologists recommending each applicant must be sent to the Executive Secretary of the Board. These letters should not accompany the application but should be sent directly to the Executive Secretary. One letter must be from the Chief of Service in the hospital in which the candidate has received at least one year of training.

## REQUIREMENTS

- 1) Certification by the American Board of Pediatrics.
- 2) Complete two years full-time training in an approved training program in pediatric cardiology.
- 3) Special cases not meeting the above requirements in full may be considered for examination only by unanimous agreement of the Sub-Board of Pediatric Cardiology and the American Board of Pediatrics.

## FAILURE IN EXAMINATIONS

As indicated above, a written examination must be passed before a candidate is eligible for oral examination. Written reexaminations may be taken one and two years later. After a third failure, the situation will be reviewed by the Sub-Board to decide subsequent procedure.

Applicants who fail an oral examination become eligible for a second examination after one year. After a second failure, examination will again be permitted after one year. To become eligible for a fourth examination, a candidate must complete a plan of preparation for the same that is declared acceptable in advance by the Credentials Committee of the Sub-Board.

Candidates will be notified only that they have passed or failed the written examination. The written examination score will, however, be utilized in rendering a final decision with regard to passing Part II.

Candidates who fail after taking Part II will not be required to retake Part I but may be advised to do so in order that they may have an opportunity to improve a low score.

## TRAINING PROGRAMS

Approximately 50 approved training programs in pediatric cardiology exist. Candidates should consult the Directory of Approved Internships and Residencies, published by the American Medical Association each Fall, for listing of hospitals approved for residency training in pediatric cardiology.

## APPLICATIONS

Application forms will be forwarded in duplicate on request to the Executive Secretary of the American Board of Pediatrics, Six Bryn Mawr Ave., Bryn Mawr, Pennsylvania 19010.

## CERTIFICATION BY THE BOARD

A certificate is awarded by the American Board of Pediatrics to those candidates who have met the requirements and have satisfactorily passed the examinations.

## AMERICAN BOARD OF PHYSICAL MEDICINE AND REHABILITATION

FREDERIC J. KOTTKE, Chairman, Minneapolis  
JUSTUS F. LEHMANN, Vice Chairman, Seattle  
JOSEPH G. BENTON, New York City  
JEROME W. GERSTEN, Denver  
ALFRED EBEL, New York City  
EDWARD E. GORDON, Chicago  
T. C. HOHMANN, Pittsburgh  
EDWARD M. KRUSEN, Dallas  
EDWARD W. LOWMAN, New York City  
DONALD L. ROSE, Kansas City, Kan.  
EARL C. ELKINS, Secretary-Treasurer,  
200 First St., S.W., Rochester, Minn.

GENERAL QUALIFICATIONS

1. High moral and ethical standings in the medical profession.
2. Graduation from a medical school approved by the Council on Medical Education of the American Medical Association, or graduation from a foreign school which, in the opinion of the Board, offers medical education equivalent to an approved school (a foreign graduate must successfully complete the examination of the Educational Council for Foreign Medical Graduates before he will be considered eligible for either examination unless he holds a license to practice in the United States or Canada.)
3. A legal license to practice medicine in one or more of the states of the United States, its territories or the District of Columbia, or one or more of the provinces of Canada. (The foregoing requirement is waived in the case of a foreign medical graduate who has completed three years of approved residency training in this country and who is returning to his native country to practice.)
4. Completion of an internship in a hospital approved by the Council on Medical Education, or of training which, in the opinion of the Board, is comparable or equivalent to such an approved internship.
5. Three years of training in a residency approved by the Residency Review Committee for Physical Medicine and Rehabilitation, representatives of the Council on Medical Education and the American Board of Physical Medicine and Rehabilitation.
6. Two years of full-time practice in the specialty of physical medicine and rehabilitation after completion of eligibility of the first part of the Board. In selected cases, full-time practice in physical medicine and rehabilitation may be substituted in whole or in part, for "5" above. In those cases, two years of full-time practice in the specialty is considered the equivalent of one year of approved training.

Up to one year of credit may be given for (a) one or more years of approved training in other recognized and approved specialties, or (b) four or more years of general practice, and would count toward "5" above. (Provision (b) applies only to physicians who began approved training in physical medicine and rehabilitation on or after July 1, 1961. The allowing of credit to foreign physicians, under this provision, will be considered on an individual basis by the Board.)

EXAMINATION

The examination for certification by the American Board of Physical Medicine and Rehabilitation is given in two parts. Part I is written; Part II, oral. Part I alone may be taken after the completion of six units of credit (three years of residency training or six years of full-time practice in the specialty, or a combination of both; see paragraph "5"). Part II may be taken after an additional two units of credit are obtained (two years of full-time practice in physical medicine and rehabilitation; see paragraph "6" above). Parts I and II combined may be taken only after a total of eight units of credit have been obtained, by means indicated above.

The written and oral examinations will cover certain aspects of the basic sciences as well as clinical physical medicine and rehabilitation. The basic sciences will include:

1. ANATOMY, including kinesiology and functional anatomy.
2. PHYSICS, including radiation physics related to the field, electronics and instrumentation.
3. PHYSIOLOGY, including physiology of movement and physiologic effect of the various physical agents and pathologic physiology of the various conditions treated by physical medicine and rehabilitation.
4. PATHOLOGY.
5. Other fundamental sciences. The applicant will be

examined concerning his knowledge of such subjects as biochemistry and bacteriology as related to physical medicine and rehabilitation.

The clinical aspects will include:

1. Those diseases and conditions that come within the field of physical medicine and rehabilitation. These include arthritis and the various rheumatic diseases, neuromuscular diseases such as poliomyelitis, cerebral palsy, paraplegia, musculoskeletal diseases including the large group of traumatic and orthopedic conditions.
2. The clinical usage of such physical agents as heat, water, electricity, ultraviolet radiation, massage and exercise, rehabilitation techniques.
3. A knowledge of the role of associated personnel within the field of physical medicine and rehabilitation, such as the physical therapist, occupational therapist, clinical psychologist, social service worker, vocational guidance counselor, and the ability to coordinate the services of such personnel.
4. An understanding of the basic principles of physical medicine and rehabilitation, and the ability to prescribe specific treatment to be executed by technical and other allied personnel.

The Board shall administer the examination once a year at its discretion, generally the last part of June or the early part of July. Those qualifying for Part I or II of the examination must have finished their years of formal training by August 31 of the year of the examination and such training must be authenticated by appropriate authorities.

APPLICATION

An application form may be obtained by writing to the Secretary of the Board. The completed application shall contain a record of the candidate's premedical and medical training as well as of internship, graduate study, hospital or dispensary staff appointments, teaching positions, length of time practice has been limited to physical medicine and rehabilitation, medical papers published, names of three well-known physicians to whom the Board may write for professional and character reference.

A fee of \$100 shall accompany the application if the candidate is applying for Part I only, \$175 if applying for Parts I and II. (In case of rejection of application, evaluation fee of \$25 will be retained and examination fee will be refunded. If the candidate is declared eligible for examination, the fees are not refundable. If, for any reason, a candidate does not take the examination after having been declared eligible, fees paid may remain on deposit for a period up to three years. After that period of time, the deposit becomes the property of the Board and the candidate must reapply for re-evaluation and examination.)

The fee for re-examination in Part I alone or Part II alone is \$75; for both parts, \$150.

The Board is a non-profit organization, and the fees of candidates are used solely for defraying the actual expenses of the Board. The members of the Board serve without remuneration. The Board reserves the right to change the fee when necessary.

ELIGIBILITY AND RE-EXAMINATION

Designation of eligibility of all applicants for Board accreditation by the American Board of Physical Medicine and Rehabilitation is a privilege of the Board and is contingent upon the following conditions:

- 1) filing by the applicant of educational credentials and application for examination with the Secretary of the Board,
- 2) payment of a fee for the examination, and
- 3) transmission of a letter of confirmation of eligibility from the Secretary of the Board to the candidate.

Upon establishment of such eligibility, the candidate will then be notified of an examination date and place for Part I or II, or both as may be the case. A candidate for Part I who

fails to pass the initial examination may then reapply for re-examination the following year, and thus re-establish eligibility for such examination. If the candidate is unsuccessful in passing Part I on this second effort, he (or she) will be required to enroll in a one-year full-time approved program of additional Physical Medicine and Rehabilitation specialty training before eligibility for a third re-examination the following year may be allowed. Failure to pass a third Part I examination permanently excludes the candidate from any further designation of eligibility by the Board for examination or accreditation.

Eligibility for Part II of the examination must be similarly confirmed by the Board after successful completion of Part I and after

- 1) filing application and educational credentials,
- 2) payment of the examination fee, and
- 3) after receipt of notification of acceptance of eligibility from the Secretary of the Board.

The candidate will then be notified of an appointment time for Part II of the examination. If the result is failure, the candidate must reapply for eligibility for re-examination the following year and again a third year if still unsuccessful. If, after three unsuccessful oral Part II examinations, eligibility for a fourth and final Part II examination may be re-established only after completion of an additional one year of full-time training in Physical Medicine and Rehabilitation. Failure to pass successfully the fourth Part II examination excludes the candidate from any further privilege for examination. In no case shall successful completion of Parts I and II of the examination exceed a period of seven (7) years. Failure to appear for an annual examination once eligibility is established for either Parts I or II shall result in forfeiture of the fee deposited, and shall be considered as a failure to pass the examination for that year. Only under extraordinary circumstances and for reasons justifiable in the judgment of the Board shall the Board vary from this policy in the granting of extensions.

This policy becomes effective June 1, 1967.

#### CERTIFICATE

A certificate granted by this Board does not of itself confer any degree or legal qualifications, privileges, or license to practice physical medicine and rehabilitation. The Board does not limit or interfere with the professional activity of any duly licensed physician. The chief aim of the Board is to standardize qualification for specialists in physical medicine and rehabilitation and to certify as specialists those who voluntarily appear before the Board for such recognition and certification, according to its regulations and requirements.

A certificate is issued when the candidate has successfully completed the written and oral examination.

#### LIMITED CERTIFICATE

A foreign medical graduate who has completed three years of approved residency training in this country and who is returning to his native country to practice, may be granted limited certification upon passing Part I of the Board examination. Such a certificate will show that the candidate has completed approved training in physical medicine and rehabilitation and has passed the Board written examination in basic and clinical sciences.

#### AMERICAN BOARD OF PLASTIC SURGERY

ROBERT M. McCORMACK, Chairman, Rochester, New York  
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 GEORGE F. CRICKLAIR, Secretary-Treasurer, Ridgewood, N.J.  
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 CLIFFORD C. SNYDER, Salt Lake City  
 WILLIAM P. WHALEN, New York City  
 WILLIAM L. WHITE, Pittsburgh  
 MRS. ESTELLE M. VAPPAS, Corresponding Secretary,  
 4647 Pershing Avenue, St. Louis, Mo. 63108

#### GENERAL REQUIREMENTS

1. Moral and ethical standing in the profession satisfactory to the Board.

The Board, believing that the practice of "fee splitting" is pernicious, leading as it does to traffic in human life, will reserve the right to inquire particularly into any candidate's practice in regard to this question.

2. Those whose activities are limited to the practice of plastic surgery.

3. This Board will accept as candidates for examination for the standard domestic certificate only those who are full citizens of the United States of America or Canada.

#### PROFESSIONAL REQUIREMENTS

The Board considers the requirements outlined below to be minimal in attaining its purposes and encourages candidates to take advantage of broadening experience in other fields. Candidates must fulfill the requirements that are in force at the time of their examination and/or certification.

1. Graduation from a medical school of the United States or Canada recognized by the Council on Medical Education of the American Medical Association, or graduation from a foreign school considered acceptable by the Board.

The American Board of Plastic Surgery will accept the certificate of the Educational Council for Foreign Medical Graduates as evidence that the holder thereof is possessed of medical knowledge comparable to that expected of graduates of approved medical schools in the United States or Canada.

2. Completion of an internship of not less than one year in a hospital approved by the same Council.

3. Three years of training in general surgery beyond the intern year, as a resident or an assistant resident, in a hospital approved by the Conference Committee on Graduate Education in General Surgery. Of the required three years of approved training in general surgery, a minimum of 24 months must be in clinical general surgery, which may include the usual rotation of one or more of the following: orthopedic, urological, neurological, thoracic, gynecological, and other divisions of surgery as well as general surgery. The Board may give credit up to one year towards this three-year requirement to those who have had extensive approved qualifying training in disciplines other than general surgery, e.g., orthopedic; urological, otolaryngological, gynecological, etc., each case to be evaluated by the Board on its own merits. The training in general surgery of those candidates who have been certified by the American Board of Surgery fulfills the requirements of this Board for general surgery.

4. Training in general plastic surgery, including maxillo-facial surgery, for an additional period of not less than two years in a residency approved by the Residency Review Committee for Plastic Surgery (composed of 3 representatives from the Council on Medical Education of the American Medical Association, 3 from the American College of Surgeons, and 3 from the American Board of Plastic Surgery), or in a preceptorship approved by the American Board of Plastic Surgery. To be accredited, training in plastic surgery must be obtained in the United States or

Canada. In fulfilling this requirement there is a limit of one year's credit given for all work done in governmental plastic surgery residencies (Army, Navy, V.A., etc.) regardless of the time put in by trainees in such residencies. It is required that all such trainees take one additional year of approved training in plastic surgery in civilian residency or preceptorship.

Residencies approved by the Tripartite Residency Review Committee for Plastic Surgery as two-year programs of training in plastic surgery are recognized as the minimum training required in plastic surgery. If a hospital wishes to be approved for a three-year program of training in plastic surgery, then candidates accepting training in such programs must complete the entire three years in order to receive full credit, so as to have at least one year of senior responsibility. One of the three years will be credited as the first of the required two years of practice in plastic surgery.

5. During these years of training following the internship year, a candidate must hold positions of increasing responsibility for the care and management of patients with surgical conditions. When a candidate receives his training in more than one institution, it is equally imperative that he hold positions of increasing responsibility. He must have sufficient operative experience to acquire surgical skill and judgment through the performances of surgical operations with a high degree of responsibility, but under circumstances providing adequate opportunity for consultation and advice.

6 An additional period of not less than two years of practice in plastic surgery. If a candidate elects to spend one or two additional years in approved training in plastic surgery, one year of such training will be credited toward the required two years of private practice if it can be demonstrated that the candidate held a position of increasing responsibility. It is imperative that one year be in actual private practice in such instances.

The Board gives credit only for training in plastic surgery received in the United States or Canada but may, at its discretion, give credit toward the required private practice period for training in plastic surgery received in countries other than the United States and Canada, each case being determined individually.

The above training in plastic surgery may be taken as a resident in an approved hospital or under an approved preceptorship offering equivalent training (a list of currently approved preceptorships is available from the Board office).

The period of special training should emphasize the relation of the basic sciences—atomy, pathology, physiology, biochemistry, and bacteriology—to the application of surgical principles which are fundamental in all branches of surgery, and especially to plastic surgery. In addition, the candidate must understand and be trained in the following subjects: the care of emergencies, shock, hemorrhage, blood replacement, electrolyte and fluid balance, choice of anesthetics, chemotherapy, acidosis and alkalosis, narcotics and hypnotics, wound healing, etc.

The Board reserves the privilege of requesting lists of operations done solely by the candidate for one or more years, or of requesting special and extra examinations, written or oral and practical, and of requesting any specific data concerning the candidate that may be deemed advisable before making final decision for certification.

Eligibility rulings or an evaluation of a candidate's qualifications or training cannot be made by the secretary or by any one member of the Board. Official evaluations of qualifications are made only by the Committee on Credentials and Requirements or by the entire Board where necessary after a review of the candidate's formal application for such rulings to make the rounds of the Committee.

In 1960, the Board began to issue special Foreign Certificates (nonresident certification) to qualified foreigners, not citizens of the United States of America or Canada, who

have completed two full years or more of approved training in plastic surgery in the United States and who have passed the regular examinations of the Board, and who will return to their homeland to practice. Candidates who finish their training in plastic surgery after Jan. 1, 1961, will be required to have the certificate of the ECFMG. All candidates must possess a valid license to practice medicine in their home country. Requirements for the Foreign Certificate (nonresident certification) may be obtained from the office of the Board.

TRAINING FACILITIES

*Residencies.*—The American Board of Plastic Surgery does not assume the responsibility for independent inspection and approval of the residency programs in plastic surgery, but recognizes those residencies in plastic surgery approved by the Residency Review Committee for Plastic Surgery. This Committee is a tripartite body composed of representatives from the Council on Medical Education of the American Medical Association, from the American College of Surgeons, and from the American Board of Plastic Surgery, the secretary of the Committee being a member of the Council on Medical Education of the American Medical Association.

Any Diplomate of the Board desiring approval of a residency program of training under his supervision should apply, or have his hospital administrator apply, to the Residency Review Committee for Plastic Surgery c/o Council on Medical Education of the American Medical Association, 535 N. Dearborn Street, Chicago 60610. He will be sent a regular application blank to be filled out and returned to that Committee. The Committee will appoint inspectors to go to the hospital to inspect the program. The question of approval will then be considered at the next semiannual meeting of the Residency Review Committee and the applicant informed of the result. It usually takes a period of six to twelve months to process an application.

A list of approved residencies in plastic surgery is published annually in the Directory of Approved Internships and Residencies and in the *Bulletin of the American College of Surgeons*. The list may also be obtained from the office of the Board, but the Board assumes no responsibility for placing men who wish to enter training. Such men should apply directly to the chiefs of residency programs in which they might be interested, or to the chiefs of preceptorship programs, to ascertain if openings exist and if they will be accepted to fill such openings.

*Preceptorships.*—In certain instances the Board will accept, in lieu of the required two years' training in an approved residency, training in a preceptorship program approved by the Board. A list of the existing preceptorship programs may be obtained from the office of the Board. The chiefs of these preceptorship programs have been urged to convert the programs into approved residencies when the local situation permits, since the aim of the Board is to approve training in residencies only and not in preceptorship programs.

All trainees, whether residents or preceptees, must submit an annual report to the Board of the training being received. Report forms for this purpose may be obtained from the office of the Board upon request.

It should be kept in mind by all that the primary interest of the Board is to encourage well-rounded training in plastic surgery with the aim of producing plastic surgeons capable of doing good work in the wide variety of cases which may come under their care. The standards set up by the Board, both for preliminary general surgery and for specialized plastic surgery training are established in an effort to further this aim. The quality of the training received should be reflected in the candidate's ability to achieve good results in his practice, and the examinations of the Board are an attempt to judge the ability of the candidate in the specialty of plastic surgery.

Before training in plastic surgery is begun, the plastic surgeon in charge of the residency or preceptorship should ascertain that the trainee's preliminary training in general surgery meets the requirements of the Board, that is, three years of residency training in general surgery after the internship year.

The training in plastic and maxillo-facial surgery (at least two years) whether in a residency or a preceptorship, should cover a wide field of plastic surgery, as to both type and anatomic distribution. It should include experience in the treatment of congenital and acquired defects and deformities of the face, neck, body, and extremities, for both functional and aesthetic reasons. There should be available sufficient material of a diversified nature so that the trainee will be able to pass the examinations of the Board after the period of training and the two additional years of private practice. If the available material on one service is inadequate, the deficiency should be made up by affiliation with another plastic surgeon on another service so that a broad experience will be obtained in plastic surgery. The trainee should be provided an opportunity to operate under the direct supervision of the plastic surgeon in charge, and with increasing ability, should be given an opportunity to operate independently on suitable cases under more remote supervision.

#### MILITARY CREDIT

Credit for military service is given on an individual basis, each case being considered on its own merits, and the amount of credit allowed is determined by the Board when the information is submitted with the application.

The Medical Officer's Professional Training Record (DD Form 408) is a record maintained by individual Medical Corps officers for presentation to the various authorized accrediting boards toward certification. This record is presented by the officer to the boards for evaluation of the military experience acquired by Medical Corps officers while serving the Army Medical Service. This form has been prepared by the surgeons general of the armed services with the assistance of the Council on Medical Education of the American Medical Association and is distributed by the offices of the surgeons general to their personnel. It is highly important that prospective applicants obtain a copy of this form and that it be submitted with their credentials for evaluation by the Board.

#### CASE REPORTS

After evaluation of the candidate's training and upon approval by the Board of his application for examination and certification, the candidate will be required to submit twelve major case reports indicative of his independent work in the field of plastic surgery. Do not submit more than twelve. Case reports should be submitted within one year from the time of completion of the two-year private practice period; otherwise a new application should be filed. The case reports shall conform to conditions which the Board may from time to time specify. All case reports become the property of the Board, but may be returned on request.

To be accepted, case reports must be assembled according to the following instruction; if instructions are not followed they will be returned for proper preparation.

The case reports should be assembled during the two-year private practice period, and may be submitted at any time near the completion of the practice period. They should be submitted not later than the deadline date of November 1, preceding the annual May examinations. All case reports must be from period after completion of residency training.

Upon official notification of approval of case reports, the candidate is eligible to take the examinations of the Board (at completion of the required two-year practice period).

Case reports furnish the Board with documentary evidence of the candidate's abilities, so the material should be

prepared and presented with the same painstaking and exacting attitude that one would display in writing a thesis. The group must include a variety of material from the entire body rather than a number of cases of one type, and must carry the candidate's personal deductions, conclusions and comments, and must be sufficiently detailed to demonstrate that the conclusions drawn indicate a grasp of the subject and that the results justify the procedure.

Case reports are graded in each of the following four categories. The passing grade on the case reports is 75%.

1. **Completeness of work-up.** A well organized scientific presentation, including history, physical examination, pertinent laboratory reports, pathological specimens and reports, x-ray findings and follow-up management.

2. **Photographs, illustrations and schematic drawings.**

3. **Originality of approach to plastic surgery problems, judgment exercised, and knowledge displayed of the literature as demonstrated at the end of each case report.**

4. **Excellence of surgical technique as evidenced by final result.**

The diversified nature of the twelve case reports is evidence of the candidate's training in the representative areas of general plastic surgery. The case reports must include cases from seven of the eight following categories. Even though every type of case in this list cannot be included, the candidate should submit the case reports, appending a note explaining any deficiency.

1. Cleft lip and/or cleft palate.

2. Traumatic defects requiring reconstructive surgery:

(a) Face and neck.

(b) Body and extremities.

3. Acute burns.

4. Facial bone fractures (excepting nasal fractures).

5. Aesthetic operations.

6. Malignancies or conditions prone to malignancies:

(a) Of the face.

(b) Of the body and extremities.

7. Plastic surgery of the hand.

8. Congenital anomalies:

Examples: Syndactylism, congenital absence (partial or total) of external ear, hypospadias, thyroglossal duct cysts, extensive nevi, congenital bands, etc.

If the case reports and lists of operations are approved, the candidate will receive subsequent information regarding taking the examinations. The Board at its discretion may request certification of case reports by the hospital where the operations were performed. The following form should accompany the case reports: "I hereby certify that the planning and essential surgical procedures described herein were carried out by me as an independent operator."

Every candidate's final acceptability for examination is based not only on the evaluation of his training qualifications but on his professional ability as a plastic surgeon, his ethical standing in the community, and the strict limitation of his work to plastic surgery.

A candidate should remember that these case reports are documentary evidence of his ability and that the material in them and the manner of presentation are important evidences of his ability.

In instances where a candidate submits case reports that do not meet the standards of the Board, he will be required to submit additional case reports or an entirely new set of 12 within a period of one year. If this second series of new case reports again does not meet the standards of the Board, the candidate may be required to take additional training (of length and type specified by the Board) before he will be allowed to submit any further case reports.

After a candidate has been notified that he has fulfilled the preliminary requirements and that his case reports have been approved, he will be required to take the qualifying examination within a period of three years.

After approval of the case reports, and prior to the

examination, the candidate may be visited at his place of practice by a member or members of the Board to observe him operate and to examine a number of his preoperative and postoperative cases.

The qualifying examinations are given yearly, usually in May, immediately preceding, during, or following the annual meeting of the American Association of Plastic Surgeons. Candidates are required to go to the designated center for the qualifying examination, which will last two days. These centers will be in the city in which the meeting of this organization is held if the proper clinic and hospital facilities are available, otherwise in some nearby city where such material is available.

The written examination will consume half of the first day and will consist of questions of the "Multiple Choice" type. The subjects of the written examination are: (1) Theory and Practice of Plastic Surgery; (2) Applied Anatomy, Applied Physiology; (3) Pathology, Bacteriology, Micro-pathology, Clinical Laboratory Methods, Pharmacology; (4) Reaction of Tissue to Injury, Surgical Accidents, Anesthesia. The afternoon of the first day and all of the second day will be taken up by oral examination. A general oral examination pertaining to plastic surgery will be given and an oral examination in anatomy, using cadavers, may be given. Microscopic slides of the average pathological tissue falling within the province of the plastic surgeon will be shown on a screen and the candidate requested to make the diagnosis.

GRADES

To be considered as passing, a candidate must receive a grade of not less than 65% in any one part of the examination, and a combined average grade of not less than 75% on the entire written and oral examination. This applies also to complete re-examinations. If only one part is re-examined, the grade must be 75%.

CERTIFICATION

After a candidate has met the requirements for eligibility and passed the examinations of the Board, a certificate attesting his qualifications in plastic surgery will be issued to him by the Board, signed by its officers and having the seal of the Board affixed thereto. It shall be the prerogative of the Board to determine the fitness professionally and ethically of any candidate for its certificate, and the action or decision of the Board regarding the certification of any candidate shall be final.

FOREIGN CERTIFICATION

In 1960 the Board began to issue special Foreign Certificates (non-resident certification) to qualified foreigners, not citizens of the United States of America or Canada, who have completed two full years or more of approved training in plastic surgery in the United States or Canada and who have passed the regular examinations of the Board, and who will return to their homeland to practice.

Candidates for the special foreign certificates must have three years of training in general surgery before beginning training in plastic surgery. The training in general surgery may be foreign training. Letters should be sent to the Board from the chiefs under whom the training was obtained, describing the quality and quantity of such training in general surgery, and attesting to the training.

Such foreign certificates will not be valid in the United States or Canada. Such candidates must possess the standard certificate from the Educational Council for Foreign Medical Graduates or a license to practice in any state in the U.S. and must possess a valid license to practice medicine in their home country.

**Important:**

Before beginning the training in plastic surgery, the prospective candidate should have an evaluation of his training to date made by this Board. Application forms for this

purpose are obtainable from the Office of the Board, and a Booklet giving the requirements for the foreign certificate is also available from the Board Office.

FEEES

The fee for application and examination is two hundred twenty-five dollars (\$225). Of this sum fifty dollars (\$50) must accompany the application, and the remaining one hundred seventy-five dollars (\$175) must be paid when the candidate is notified of acceptance for examination. There will be no refunds. This fee may be increased at the discretion of the Board. The Board is a nonprofit organization, and the fees of candidates are used solely for defraying the actual expenses of the Board. The members of the Board serve without remuneration. Because of the limited number of surgeons certified by this Board it is necessary for a limited time to request a voluntary annual contribution from Diplomates after the first year's certification to help defray expenses.

AMERICAN BOARD OF PREVENTIVE MEDICINE

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- MERRILL H. GOODWIN, Vice Chairman for Aerospace Medicine, Washington, D.C.
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ELIGIBILITY REQUIREMENTS FOR EXAMINATION

Each applicant for a Certificate in Public Health, Aviation Medicine, Occupational Medicine, or General Preventive Medicine is required to meet certain eligibility requirements and to pass an examination. Such eligibility requirements are set forth in the By-laws of the Board. For the information of applicants such requirements are briefly outlined below; but for a full statement thereof reference must be made to the By-laws, as from time to time in force, by which alone such requirements are governed:

GENERAL REQUIREMENTS

1. Good moral character and high ethical and professional standing;
2. Graduation from a medical school in the United States or Canada approved by the Council on Medical Education of the American Medical Association, or from a foreign school satisfactory to the Board;
3. A hospital internship of at least one year approved by the Council on Medical Education of the American Medical Association, or a foreign hospital internship satisfactory to the Board; and
4. Authority to practice medicine in a State, Territory, Commonwealth or possession of the United States or in a Province of Canada.

SPECIAL REQUIREMENTS IN PUBLIC HEALTH

1. Successful completion (after internship) of at least one academic year of graduate study leading to the degree of Master of Public Health or an equivalent degree or diploma in a school of public health accredited for the purpose of

such graduate study by the American Public Health Association; or training or study deemed by the Board to be substantially equivalent to such graduate study;

2. \*Residency (after internship) of at least two years of field experience in general public health practice, which included planned instruction, observation, and active participation in a comprehensive, organized, public health program approved by the joint Residency Review Committee for Preventive Medicine of the American Medical Association's Council on Medical Education and the American Board of Preventive Medicine; or an equivalent Canadian residency approved by the Board; one year of such period in both instances may be an approved clinical residency in a field directly related to public health;

3. A period (after internship) of not less than three years, in addition to 1 and 2 above, of special training in, or teaching or practice of, public health;

4. Three years of the experience outlined in 2 and 3 above must have been obtained within the five-year period immediately prior to application for certification; and

5. Limitation of practice to full-time teaching, research, or practice of public health as a Specialty.

#### SPECIAL REQUIREMENTS IN AEROSPACE MEDICINE

1. Successful completion (after internship) of at least one academic year of graduate study in preventive medicine in a school of public health accredited for the purpose of such graduate study by the American Public Health Association; or training or study deemed by the Board to be substantially equivalent to such graduate study;

2. \*Residency (after internship) of not less than two years, in addition to 1 above, which shall have provided planned instruction in the principles of aerospace medicine, and supervised participation in a comprehensive program of aviation medicine approved by the joint Residency Review Committee for Preventive Medicine of the American Medical Association's Council on Medical Education and the American Board of Preventive Medicine; a period of experience deemed by the Board to be substantially equivalent to the year of supervised experience under some circumstances may be acceptable in lieu of the second year of training.

3. A period (after internship) of not less than three years, in addition to 1 and 2 above, of special training or research in, or the teaching or practice of, aerospace medicine.

4. Three years of the experience outlined in 2 and 3 above must have been obtained within the five-year period immediately prior to application for certification; and

5. Limitation of practice to full-time teaching or research in, or practice of, aerospace medicine.

#### SPECIAL REQUIREMENTS IN OCCUPATIONAL MEDICINE

1. Successful completion (after internship) of at least two academic years of graduate study in preventive and occupational medicine in a school of medicine, a university graduate school, a school of public health, or a combination of these schools, all of which must be acceptable for such graduate training by the joint Residency Review Committee for Preventive Medicine of the Council on Medical Education of the American Medical Association and the American Board of Preventive Medicine; or training or study deemed by the Board to be substantially equivalent to such graduate study.

2. \*Residency (after internship) of not less than one year, in addition to 1 above, of supervised experience in occupational medical practice in an industrial or medical organization approved by the joint Residency Review Committee for Preventive Medicine of the American Medical

Association's Council on Medical Education and the American Board of Preventive Medicine; or an equivalent Canadian residency approved by the Board; or a period of experience deemed by the Board to be substantially equivalent to such year of residency.

3. A period (after internship) of not less than three years, in addition to 1 and 2 above, or special training in, or teaching or practice of, occupational medicine;

4. Three years of the experience outlined in 2 and 3 above, must have been obtained within the five-year period immediately prior to application for certification; and

5. Limitation of practice to full-time teaching, research, or practice of occupational medicine.

#### SPECIAL REQUIREMENTS IN GENERAL PREVENTIVE MEDICINE

1. Successful completion (after internship) of at least one academic year of graduate education in residence at a medical school with a program of training in preventive medicine recommended by the joint Residency Review Committee for Preventive Medicine and approved by the American Medical Association's Council on Medical Education and the American Board of Preventive Medicine, or at a school of public health accredited for the purpose of such study by the American Public Health Association, or in Canada, an equivalent academic program approved by the Board; and

2. Residency (after internship) of at least two years of instruction, observation and supervised experience in a comprehensive organized Preventive Medicine Residency Training Program approved for this type of residency training by the joint Residency Review Committee for Preventive Medicine of the American Medical Association's Council on Medical Education and the American Board of Preventive Medicine; or an equivalent Canadian residency approved by the Board. One year of the residency experience may be in a clinical residency approved by the American Medical Association's Council on Medical Education, or an equivalent Canadian residency, in a field directly related to preventive medicine;

3. A period (after internship) of not less than three years (in addition to 1 and 2 above) of special training or research in, or teaching or practice in, some area (or areas) of preventive medicine;

4. Three years of the six-year requirement of graduate education, residency and additional experience shall have been obtained within the five-year period immediately prior to application for certification;

5. Limitation of practice to full-time teaching, practice or research in preventive medicine as a specialty.

#### APPLICATIONS FOR EXAMINATION AND RE-EXAMINATION

Each application for examination must be made on the prescribed form (which may be obtained from the Secretary of the American Board of Preventive Medicine) and must be filed with the Secretary by November 30 in order for eligibility to be established for the examination in the spring of the next year. It must be accompanied by the required documentation, application fee, and one recent, clear, unmounted, autographed photograph of the applicant which should be attached to the application.

No member of the Board is authorized to give an opinion as to the eligibility of candidates. The determination of eligibility will be made only by the Board, after receiving full application information. Each candidate must comply with Board regulations in effect at the time the examination is

\*A statement of the essentials of approved residencies as well as a listing of approved residency programs and complete information regarding the American Board of Preventive Medicine, Inc., may be found in the Directory of Approved Internships and Residencies, published annually by the American Medical Association. Copies may be obtained from the Council on Medical Education, American Medical Association, 535 North Dearborn Street, Chicago, Illinois 60610.

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taken and also those in effect at the time the Certificate (if any) is issued, regardless of when his original application was filed.

Properly qualified applicants may take Parts I and II of the examination together following the six years of graduate education, residency and additional specialized experience, or may elect to take Part I of the examination after completion of the graduate study and the required residency training. In either situation, an applicant will not be admitted to examination until he has completed satisfactorily all requirements of graduate study and residency.

Following successful completion of Part I of the examination an applicant may become eligible to take Part II of the examination, provided he or she has continued full time in his or her field of concentration and has submitted evidence of completion of at least three years of further special training or research, teaching or practice acceptable to the Board, in addition to the academic and residency training required for Part I. Ordinarily, the filing of a reapplication form with the Board will fulfill the requirement for such evidence. Reapplication must be made not later than November 30 of the year prior to taking Part II of the examination the following spring.

An applicant declared ineligible for admission to examination may refile or reopen his application on the basis of new or additional information within two years of the filing date of his original application, without payment of an additional application fee.

An applicant declared eligible for admission to examination but who fails to submit to examination within three years of the date of the first examination for which he or she is declared eligible, except as specified above, is required to file a new application, and to pay a new application fee.

Candidates failing the examination, may, upon timely application and payment of appropriate fee, be admitted to re-examination within a three-year period.

Candidates failing three examinations will not be admitted to subsequent examinations unless the Board so directs.

MULTIPLE CERTIFICATION

A person who has been certified in one affiliated specialty (e.g. Public Health), may apply for certification in another affiliated specialty (e.g. Occupational Medicine); however, the applicant must meet in full the special requirements for each of the affiliated specialties in which he desires to be examined.

In determining whether the applicant meets such requirements, no period of training or experience, other than the year of formal graduate study, will be taken into account if the same period shall have been taken into account in determining his eligibility for another affiliated specialty.

FEES\*

Application fee .....	\$35
Must be submitted with application; is not refundable.	
For those electing to take Parts I and II of the examination separately, an additional fee of \$10.00 must be submitted with the application for Part II.	
Examination fee .....	\$130
Fee for each Part of examination is one-half of total examination fee and is payable when applicant is notified of acceptance for examination.	
Certificate fee .....	\$10
Payable prior to issuance of certificate.	
Re-examination fees:	
Each part taken .....	\$50
Examination fees for additional affiliated specialties: Each specialty .....	\$65

\*This fee schedule goes into effect January 1, 1966. All applications received before December 31, 1965 will be processed under the current fee schedule (application fee—\$25, examination fee—\$100, certification fee—\$10, re-examination fee—\$25 for each part, examination fee for additional affiliated specialties—\$50 for each specialty).

EXAMINATIONS

Examinations will be held from time to time and in various places depending upon need as indicated by applications received. Examinations in some instances will be held in connection with the annual meetings of the nominating organizations and also may be held at other times and at other places so located geographically as to minimize travel for the applicants.

The examination consist of two parts:

Part I is a comprehensive written examination designed to test the knowledge of the applicant in the basic principles of preventive medicine. Part II is a comprehensive written examination or, in the case of candidates being examined in General Preventive Medicine, a comprehensive oral examination designed to test the knowledge of the applicant in the special field in which he requests certification.

An oral interview or practical examination is also required of candidates being examined in Public Health, Aviation Medicine, or Occupational Medicine which usually will be held at the completion of Part II of the examination. An endeavor will be made to adapt the details of the oral interview or practical examination to each candidate's experience and practice.

Candidates for certification in a second or third affiliated specialty will be required to pass only that portion of the written and/or oral examination relating specifically to such field, i.e. Part II only.

The examiners will submit a report upon each candidate to the assembled Board, by which the result of the examination will be determined finally.

CERTIFICATION

Upon satisfactory completion of the examination and proof to the satisfaction of the Board that the applicant is eligible for certification, a Certificate will be issued to the effect that the applicant has been found to be possessed of special knowledge in the field specified in his application. The Certificate will be signed by officers of the Board and will have its seal affixed. Each Certificate remains the property of the Board, but the person to whom it is issued is entitled to its possession unless and until it is revoked. Any Certificate issued by the Board may be revoked if evidence, satisfactory to the Board, is presented that the applicant was not eligible to receive it at the time of application or issuance, or that he misstated, misrepresented, or concealed any pertinent fact, or that his license to practice medicine has been suspended or revoked, or that he has ceased to be engaged in the teaching, research, or practice of the specialty in which he has been certified. The issuance of a Certificate to any person does not constitute such person a member of the Board.

CERTIFICATION OF FOREIGN MEDICAL GRADUATES

The Board may issue special certificates to graduates of foreign medical colleges indicating the possession of special knowledge in Preventive Medicine, or a field thereof. Such certificates are issued only to individuals who have had full residency training in Preventive Medicine in the United States or Canada but who are not authorized to practice medicine in the United States or Canada.

To be eligible for such certification, the individuals must make application for special certification and must establish to the satisfaction of the Board that (1) he has been graduated with the degree of Doctor of Medicine, or a degree, determined by the Board to be equivalent, from a medical school not located in the United States or Canada; (2) he has satisfactorily passed the qualifying examination given by the Educational Council for Foreign Medical Graduates; and (3) he has had, in the United States or Canada, not less than six (6) years of training and experience in Preventive Medicine or a field thereof, which included (a) at least one year of study in a School of Public Health, or a school de-

terminated by the Board to offer equivalent training and (b) at least three (3) years of Residency Training or supervised field experience in Preventive Medicine or a field thereof, except that the requirement of one year of such training and experience may be satisfied by a clinical Residency judged by the Board to be directly related to Preventive Medicine or a field thereof; and that (4) it is his intention, without mental reservation, to engage in practice in a specified country other than the United States or Canada within one year after completion of training. Should he at any time thereafter engage in teaching or practice in the United States or Canada, he will deposit his special certificate with the Boards.

The application procedures, the examinations, and the fees are the same as those required of all others seeking certification by this Board.

#### AMERICAN BOARD OF PSYCHIATRY AND NEUROLOGY

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#### APPLICATION FOR CERTIFICATION

An application, in order to be considered for Part I of the examination, which is given about May 1 of each year, must be in the hands of the Secretary of the Board *no later than the preceding October 31*. A proper application form may be obtained from the Secretary. Application may be made for certification in psychiatry or in neurology or in both fields. Applications will be formally considered only when made on the official application blank in such form as may be adopted from time to time by the Board and when accompanied by an application fee in such amount as may be fixed by the Board.

The Secretary of the Board, upon receipt of an application shall forthwith make inquiries from those to whom the candidate refers and from such other persons as the Secretary may deem desirable and shall verify the candidate's record from the biographical records of the American Medical Association, after which he shall forward the application to the Committee on Credentials. This Committee shall consider the application and other information available and notify the Secretary whether the application is accepted. The certification of a candidate in either psychiatry or neurology, or both, shall be approved by a majority of the members of the entire Board at any meeting held for such certification.

#### FORM OF CERTIFICATION

There shall be separate certification in psychiatry and in neurology and two certifications for those qualified in both fields. The certifications shall be in such form as is approved by the Board of Directors.

#### GENERAL REQUIREMENTS FOR APPLICANTS

- Each application for a certificate must establish that:
  - (a) He is a physician duly licensed by law to practice medicine.
  - (b) He is of acceptable ethical and professional standing.
  - (c) He is now a member of his local county medical society or the American Medical Association. Exceptions to the foregoing may be made at the discretion of the Board for good and sufficient reasons.
  - (d) He has satisfactorily completed adequate training in

psychiatry or neurology, or both, as a specialty.

#### APPLICANTS

Applicants shall fulfill the following special requirements.

#### PROFESSIONAL EDUCATION

1. Graduation from a medical school in the United States or Canada approved by the Council on Medical Education of the American Medical Association. In the case of an applicant whose medical training has been received outside the United States and Canada, such training must be satisfactory to the aforementioned Council.

2. Satisfactory completion of a year's internship approved by the same Council in General Medicine, General Surgery, Pediatrics or a rotating service.

#### SPECIALIZED TRAINING

Admission to the examination for certification in psychiatry or in neurology requires a total of five calendar years of training and experience, all undertaken in the United States or Canada, three years of which must be specialized training satisfactorily completed in approved training centers, plus two years of experience. Admission to the examination for certification in both psychiatry and neurology requires a total of six calendar years of training and experience, all undertaken in the United States or Canada, five years of which must be specialized training satisfactorily completed in approved training centers, plus one year of experience. The specialized training may be subdivided into two and one-half years each in psychiatry and neurology or three years in one subject and two years in the other. The required years of experience should be spent in clinical practice with major responsibility for the care of patients.

All applicants who wish to qualify for examination for certification in Psychiatry or Neurology and who began training on or after July 1, 1956, must show that at least 24 months of their residency training have been secured in a training program or different programs approved for at least two years of residency training in the specialty in which they seek certification.

For those individuals whose training began after June 30, 1964, a resident in training must spend at least two of his three years of training in a single program approved for two or three years of training credit.

The training for psychiatrists should include clinical work with psychoneurotic and psychotic patients, combined with the study of basic psychiatric sciences, medical and social psychology, psychopathology, psychotherapy, and the physiological and pharmacological therapies, including a basic knowledge of the form, function and pertinent pathology of the nervous system. The training should be supervised and guided by teachers competent to develop skill and understanding in the utilization of such basic knowledge in dealing with patients. Mere factual knowledge is not sufficient. This training period should include instruction in the psychiatric aspects of general medical and surgical conditions and the behavior disorders of children and adolescents sufficient to develop practical ability to direct the treatment of such conditions. It should also include collaborative work with social workers, clinical psychologists, courts, and other social agencies. The training program of the candidate for certification in psychiatry should include sufficient training in neurology to enable him to recognize and to evaluate the evidences of organic neurological disease.

The training for neurologists should be based on clinical work with adults and children with neurological disorders, including the neurological complications of medical and surgical conditions. This should be combined with study of the basic neurological sciences, neuroanatomy, neurophysiology, neuropathology, neurochemistry, neuropharmacology, and neuroentgenology. This training should be supervised and guided by teachers competent to develop skill and understanding in the utilization of such basic knowledge in

dealing with patients. Mere factual knowledge is not sufficient. This training should include sufficient training in psychiatry to enable the candidate to recognize and evaluate the common psychiatric reactions.

The Board offers the foregoing two paragraphs as an outline of desirable training. If, however, the candidate has evidence of equivalent qualifications of training and experience not in the pattern here formulated, this evidence with appropriate documentary support may be included in his application for evaluation and possible approval by the Board.

Candidates seeking certification in both neurology and psychiatry, or supplementary certification in one after being certified in the other, must submit evidence satisfactory to the Board of an additional two years of full-time basic training in the supplementary specialty.

Thus, no candidate is eligible for examination by the Board until he has completed at least five years of special training and experience in neurology or in psychiatry for a single certificate, or at least six years of special training and experience in neurology and psychiatry for certification in both neurology and psychiatry.

Experience credit will not be given for work performed before the applicant has had at least one year of accredited training in psychiatry or neurology except that an applicant may substitute two or more consecutive years spent in formal accredited training in any one of the medical or surgical specialties for one year of experience in psychiatry or neurology. This training may have been acquired prior to the training in psychiatry or neurology.

Since the emphasis of the Board examination is in the clinical aspects of psychiatry and neurology, the candidate is advised to obtain adequate clinical experience during the two years following his training. Under certain circumstances, experience credit will be given for investigative work in any of the basic sciences. Documentation of these two years must be submitted.

The Board will give credit for one year of training in Child Psychiatry providing it is taken in a center approved by this Board for training in Child Psychiatry.

The lists of training programs approved by this Board and by the Council on Medical Education of the American Medical Association may be found in the current issues of the Directory of Approved Internships and Residencies.

### CERTIFICATE IN NEUROLOGY

#### WITH SPECIAL COMPETENCE IN CHILD NEUROLOGY

The American Board of Psychiatry and Neurology believes that the proper preparation for the practice of Child Neurology requires that the practitioner be a competent neurologist who has had additional training in Pediatrics and Child Neurology. To qualify for the new certificates, a different type of preparation and certifying examination has been formulated. The same diploma will be used, the only difference being that instead of certifying competence in "Neurology," it will certify competence in "Neurology with Special Competence in Child Neurology." It is expected that such a diplomate will be a general neurologist, but with special knowledge of neurological disorders of children.

The following are the requirements for eligibility for admission to examination for certification in Neurology with Special Competence in Child Neurology.

#### A. GENERAL QUALIFICATIONS

1. The degree of Doctor of Medicine from an acceptable medical school.
2. A valid and unlimited license to practice medicine in the United States (or Canada).
3. Membership in a county medical society.
4. Satisfactory references concerning moral character and ethical practice.
5. One year of AMA approved internship. Straight Pe-

diatric internship is not an absolute requirement but is strongly urged.

#### B. SPECIAL QUALIFICATIONS

1. One year of general Pediatric residency.
2. Two years of general Neurological residency.
3. Either of the following:
  - (a) Two years of Neurological residency devoted to Child Neurology;
  - (b) One year of Neurological residency devoted to Child Neurology plus two years of experience in Child Neurology.
4. During the period of Neurological residency, the candidates must have satisfactory training in the sciences basic to Neurology and in Psychiatry and Neurological Surgery as outlined in the "Essentials of Approved Residencies" as they apply to Neurology.

#### EXAMINATION

Successful completion of the Part I (written) examination is required before admission to the oral examination.

Just as the training for this certificate would differ from the regular pattern, so would the examination. In the regular neurological certifying examination, the candidate examines and discusses the neurological problems presented by two adults and one child.

For the new certificate the candidate would be required to pass all other parts of the regular examination but would instead examine two children and one adult patient.

Though the purpose of the examination is to test the competence of the candidate in psychiatry or neurology or both, it must not be forgotten that both these medical disciplines constitute part of the broad field of general medicine. The Board requires some proficiency in neurology on the part of those it certifies in psychiatry and vice versa, but examines the candidate in accordance with the certificate he seeks. The examinations will be of such type that no adequately trained person will fail, and yet they will be sufficiently searching so that the specialist in fact may be separated from the specialist in name. Part II (the practical examination) will include the examination of patients under the supervision of the examiner. The manner of examining patients, and the reasoning and deductions therefrom, will constitute an important part of the examination. Oral and practical examinations will be given in the basic sciences with special regard to their clinical implications. The examination for Certification in Psychiatry will differ from the examination for Certification in Neurology. Written examinations (Part I) will be given.

The neurologist should have acquired skill to conduct a diagnostic psychiatric interview, to summarize his findings, and formulate a diagnostic statement. He should be acquainted with other diagnostic procedures used in psychiatry, when they are useful, and their limitations (psychologic tests, narcosynthesis). He should have a reasonable knowledge of general psychopathology and a sufficient awareness of psychodynamic forces to make it possible for him to manage the emotional problems of a patient with a neurological illness. His information of psychiatry should include as well knowledge of the major forms of psychiatric therapy, their indications and contraindications. The neurologist must be aware as well as of such medico-legal issues as competency and responsibility. Formal provision should be made in neurologic training programs so that the trainee may acquire the knowledge and skills described before.

#### REGULATIONS REGARDING EXAMINATIONS

After March 1, 1967, all candidates seeking eligibility for the oral examination in Psychiatry or Neurology first must successfully complete Part I (written) which will be a multiple-choice type of examination.

The written examination will be given once a year, about

May 1, on a regional basis throughout the United States and Canada as well as in selected sites outside the continental limits of the United States. Every effort will be made to accommodate candidates in their locale, but the candidate may not select the site of his examination, and no transfer to another area can be made during the three-month period preceding the written examination.

Approximately six weeks after the written examination, candidates will be notified by the Executive Office of the American Board of Psychiatry and Neurology, Inc. whether they passed or failed.

Candidates who have passed the written examination will be assigned to Part II (oral) within ten months after the written examination and may not select either the site or the date. It is the candidate's privilege to decline the assigned examination and request consideration for a later date, but there is no guarantee that another date or location will be more satisfactory to the candidate.

The candidate who successfully completes his written examination but does not appear for his oral examination within a three-year period loses his eligibility. Should he wish to appear for the oral examination at a later date, he must reapply, pay another application fee, reestablish his eligibility, pay examination fees and successfully complete another written examination.

Applications for candidates declared eligible but who do not elect to take Part I of the examination remain valid for three years from the date they are received in the Executive Office. The candidate who does not appear for examination during this three-year period forfeits his application and written examination fees. When he reapplies, he must pay another application and written examination fee.

The candidate who passes Part I (written) but fails Part II (oral) has a second opportunity for another oral examination within one year after his first unsuccessful attempt and payment of another Part II examination fee. Should he fail the second time, he must wait two years before reapplying, pay the necessary fees and repeat the written examination.

Candidates who do not appear for their assigned written examination forfeit the \$25.00 fee and are required to pay an additional written examination fee should they request scheduling for the written examination at a later date.

A candidate who fails his first written examination may on payment of \$25.00 take his second written examination the following year or the year thereafter. Two failures will necessitate reapplication with a new fee and reevaluation by the Credentials Committee.

Physicians who will achieve eligibility (three years of residency followed by two years of experience) no later than June 30 may submit their formal application before the preceding October 31 and request consideration for the May written examination.

Written examinations will be given annually on a regional basis, the first one to be held in May, 1967. Every effort will be made to schedule written examinations near the area in which the candidate resides, but this may not always be possible. The candidate will be notified in advance of the site of the written examination to which he is assigned. No alternate sites can be allowed because of the large number of candidates.

Candidates who successfully complete the written examination will be notified by the Executive Office and scheduled for the first available place in the oral examination schedule. The candidate may not select the site or date of examination. Candidates who are scheduled for the oral examination and cancel or fail to appear will be placed at the bottom of the list of accepted candidates.

#### PAYMENT OF FEES

The candidate upon filing his application shall accompany it with a fee of \$100.00. If the applicant is found not eligible, the written examination fee of \$25.00 will be returned

to him. The application fee of \$75.00 is not refundable. When the candidate has successfully completed his written examination, the Executive Office will notify him that he has been accepted for the oral and practical examination. The candidate must then send to the Executive Office an additional examination fee of \$100.00. A candidate who has been certified in either psychiatry or neurology and who has been admitted to the supplementary examination for the other certificate must pay an additional fee of \$100.00.

A candidate who has failed the written examination may request permission to repeat the written examination. Such requests must be accompanied by a written examination fee of \$25.00 which must be received in the Executive Office no later than October 31 prior to the scheduled date of the examination.

A candidate who has failed in one oral examination is eligible for re-examination within one year upon payment of a re-examination fee of \$100.00. After the year has elapsed, he must submit a new application and pay new application and examination fees. If he fails the re-examination, he may, after two years have elapsed, submit a new application and \$100.00 fee, present evidence of further training, and pay an examination fee of \$100.00, repeating both the written and oral examinations.

A candidate who fails in one or two subjects conditions the oral examination and is eligible for re-examination in those subjects within one year upon payment of a re-examination fee of \$75.00. After the year has elapsed, he must submit a new application, pay new application and examination fees and repeat both the written and the entire oral examination. If he fails the re-examination, he may apply again for the complete examination after two years upon submission of evidence of further training and upon payment of a fee of \$100.00. If declared eligible by the Credentials Committee, he will be required to complete successfully the written examination before being admitted to the oral examination, at which time he must pay a new examination fee of \$100.00.

Any candidate who finds himself unable to attend the examination to which he has been admitted and does not notify the Secretary at least three months before the date of the examination will forfeit his examination fee. Any candidate who fails to appear for examination within a period of three years following the date of application shall be required to submit a new application and pay the applicable fees and re-establish his eligibility.

#### COMMENT ON TRAINING WHICH FULFILLS THE SPECIALIZED REQUIREMENTS FOR ELIGIBILITY FOR EXAMINATION IN CHILD PSYCHIATRY

Certification in General Psychiatry is a prerequisite for eligibility for examination for Certification in Child Psychiatry, which requires a minimum of four years of approved residency training credit, two of which should be in general psychiatry and two in child psychiatry, and two additional years of experience in child psychiatry. If already certified in general psychiatry, the trainee will need two additional years in an approved child psychiatric residency training program if he has not had training in a program which has been concurrently approved by the Committee on Certification in Child Psychiatry.

One year of the training credit toward the general psychiatric residency training requirements may simultaneously be used as one of the years of training in child psychiatry, provided the program is approved by the Board and its Committee on Certification in Child Psychiatry in both areas. Training in child psychiatry taken during the regular residency training period in an approved general program will count only toward training credit in general psychiatry, unless the program is concurrently approved by the Committee on Certification in Child Psychiatry of this Board.

(Institutions identified with an asterisk in this *Directory*

hold dual approvals: 1) for one year of training in child psychiatry offered as an affiliated year in a program in general psychiatry; 2) for two years of training in child psychiatry offered independently.)

APPLICATION FOR CERTIFICATION IN CHILD PSYCHIATRY

An application on official forms, in order to be considered at any meeting of the Committee, must be in the office of the Secretary of the Board not less than ninety (90) days before that date of such meeting. The proper application forms may be obtained from the Secretary of the Board. Applications will be formally considered only when accompanied by an application fee in such amount as may be fixed by the Board.

The Secretary of the Board, upon receipt of an application, shall forthwith make inquiries from those to whom the candidate refers and from such other persons as the Secretary may deem desirable, after which he shall forward the application to the Committee on Credentials in Child Psychiatry. This Committee shall consider the application and any other information available and notify the Secretary whether the application is accepted. The certification of a candidate shall be approved by a majority of the members of the Committee on Certification in Child Psychiatry at any meeting held for such certification.

GENERAL REQUIREMENTS FOR APPLICANTS

Each applicant for Certification in Child Psychiatry must establish that:

- (a) He is a physician possessing an unlimited license for the practice of medicine in some state of the United States or province of Canada.
- (b) He is of acceptable ethical and professional standing
- (c) He is a Diplomate in Psychiatry of the American Board of Psychiatry and Neurology, Inc.
- (d) He has satisfactorily completed the required training and experience in child psychiatry as a specialty.

APPLICATION AND FEES

Applicants shall make application on official forms. Such applications must be accompanied by an application fee of \$75.00. This fee is not refundable.

Applicants must satisfy the Committee of the adequacy of their specialized training and experience in Child Psychiatry. Further, their major interest and activities in their current practice must be devoted to psychiatric problems of children and adolescents. Should they have left the field of Child Psychiatry for other types of practice but otherwise fulfill the training and experience requirements, they must show that the two years prior to application have been in specialized practice of Child Psychiatry.

TRAINING AND EXPERIENCE REQUIREMENTS

Applicants must be Diplomates in Psychiatry of the American Board of Psychiatry and Neurology, Inc. Admission to examination requires a total of six (6) years of psychiatric training and experience. Of these, four (4) years shall be in approved psychiatric training, two (2) of which shall be in Child Psychiatry training programs acceptable to this Committee. It is advisable that those seeking the certificate as specialists in Child Psychiatry who receive their primary training in Psychiatry should have training in the pediatric aspects of general medicine. Such training may be offered in lieu of two years of practice experience.

In the third year of basic training in psychiatry, the applicant may complete one (1) year of the two years of specialized training in Child Psychiatry.

All candidates beginning their specialized training in Child Psychiatry after June 30, 1965, must have two years of training in Child Psychiatry Centers approved by the Committee on Certification in Child Psychiatry in conjunction with the Residency Review Committee for Psychiatry and Neurology. Approved residency training in Pediatrics

may be applied to the experience requirements. Otherwise the applicant must have a minimum of two (2) years of specialized practice in Child Psychiatry. Experience in Child Psychiatry must follow at least one (1) year of formal training in Child Psychiatry. In the interim he must have achieved certification in Psychiatry by the American Board of Psychiatry and Neurology, Inc.

The Committee may require, at its discretion, as part of the qualifications of eligibility for examination for Certification in Child Psychiatry, the publications of the applicant and/or a series of case reports of children treated by the applicant.

APPLICATION AND FEES

Applicants shall make application on official forms. Such applications must be accompanied by an application fee of seventy-five dollars (\$75). This fee is not refundable.

Those applicants accepted for examination will be notified and scheduled for examination. The examination fee of one hundred dollars (\$100) is payable when such payment is requested by the Secretary of the Board. If a written examination is required, an additional examination fee of twenty-five dollars (\$25) will be requested.

Should the applicant be found not eligible for examination for certification in Child Psychiatry, he will be notified of his deficiencies so that these may be corrected before expiration of application. The application remains valid for three (3) years from date of submission. After this period, the applicant must submit a new application and pay a new application fee to receive further consideration.

EXAMINATIONS

Examinations will be held whenever there are a sufficient number of candidates. These will be oral and/or written examinations and will include examination in all areas relating to normal personality development and pathological deviations. It will cover any area of development disturbance, including mental retardation, etiological mechanisms and therapeutic measures and planning. Knowledge of the history and literature of child psychiatry will constitute a part of the examination. The utilization of psychological testing, contributions of collaborative personnel and types of social planning will constitute a part of the examination. An important part of the examination will be the candidate's ability to reason from the material presented to him and to organize a practical program of therapy and management from these data.

Should the candidate not be successful in the initial examination, he may be re-examined within one year after payment of a one hundred dollar (\$100) re-examination fee. If he does not appear for re-examination within one year, the application lapses, and he may receive further consideration only after submitting a new application and a new application fee of seventy-five dollars (\$75).

Should the candidate not be successful in re-examination, he must wait for two years before submitting a new application. During these two years, he must remain in the full-time practice of child psychiatry as defined above and undertake such further preparation which will correct the deficiencies which he should have noted in his two previous examinations.

Any candidate who finds himself unable to attend an examination to which he has been admitted and does not notify the Secretary of the Board at least three (3) months before the date of examination will forfeit his examination fee. Any candidate who has been declared eligible for examination and who fails to appear for examination within a period of three (3) years from the date of submission of application shall be required to submit a new application and pay the attendant fee.

## AMERICAN BOARD OF RADIOLOGY

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## CERTIFICATES

A certificate will be issued to each candidate who has fulfilled the requirements of the Board and has passed his examination.

A certificate granted by this Board does not of itself confer, or purport to confer, any degree, or legal qualifications, privileges, or license to practice radiology. Certificates of the Board shall be issued upon one of six forms:

1. A certificate to the effect that the applicant has been found qualified to practice Radiology in all of its branches, or
2. A certificate to the effect that the applicant has been found qualified to practice Radiology in one of the following categories: (a) Diagnostic Radiology; (b) Therapeutic Radiology.
3. A certificate to the effect that the applicant has been found qualified to practice Radiological Physics in all of its branches.
4. A certificate to the effect that the applicant has been found qualified to practice Radiological Physics in one of the following categories: (a) Roentgen-Ray and Gamma-Ray Physics; (b) Medical Nuclear Physics.

## DEFINITIONS

For the purposes of this Board, the following definitions are adopted:

1. *Radiology* is that branch of medicine which deals with the diagnostic and therapeutic application of certain forms of radiant energy such as roentgen rays, gamma rays, and radionuclides.
2. *Diagnostic Radiology* is that branch of radiology which deals with the diagnostic application of roentgen rays and radionuclides.
3. *Therapeutic Radiology* is that branch of radiology which deals with the therapeutic application of roentgen rays, gamma rays, and radionuclides.
4. *Radiological Physics* is that branch of physics which deals with the medical application of roentgen rays, electron beams, radionuclides, nuclear reactions and particle accelerators.
5. *Roentgen-Ray and Gamma-Ray Physics* is that branch of radiological physics which deals with roentgen rays, electron beams, and discrete radioactive sources.
6. *Medical Nuclear Physics* is that branch of radiological physics which deals with radionuclides, other than discrete sources included in (5) above, nuclear reactions and particle accelerators.

GENERAL REQUIREMENTS FOR CERTIFICATE IN  
FIELD OF RADIOLOGY

Each applicant for admission to an examination of this Board must present evidence that he has fulfilled the following requirements.

## A. General Qualifications:

1. Satisfactory moral and ethical standing in the profession.
2. A license to practice medicine in the state or country in which he resides, or of which he is a citizen.
3. Assurance that the applicant holds himself out to be a specialist in Radiology or one of its branches as defined under "Definitions" and that he limits his practice to the field of Radiology.
4. Assurance that he is a citizen of the United States or Canada, or a citizen of another country.

## B. General Professional Education:

1. Graduation from a medical school recognized by the Council on Medical Education of the American Medical Association. If the applicant is a native born citizen of the United States or one of its possessions and is a graduate of a medical school outside the United States or Canada, he must be a Diplomate of the National Board of Medical Examiners or be screened with approval by an agency designated by the Executive Committee. If the applicant is a citizen of a country other than the United States or Canada and a graduate of a foreign medical school, he may be required to be screened with approval by an agency designated by the Executive Committee.

2. Completion of an internship of not less than one year in a hospital approved by the same Council or a foreign hospital experience acceptable to the Executive Committee.

## C. Special Training:

1. After completion of the internship there shall be a period of special training in a department of radiology recognized and approved by the American Board of Radiology and the Council on Medical Education of the American Medical Association as competent to provide a satisfactory training in radiology. This period of special training shall be as the Board of Trustees of the American Board of Radiology by resolution or motion shall determine from time to time.

## RADIOLOGY

1. Candidates must have had three years' formal residency training in an approved department of Radiology, plus an additional year of either further training or practice.

2. The three-year training period must include training in Pathology. This can either be co-ordinated throughout the entire three years or it can be taken separately in a Department of Pathology. Maximum credit for training in Pathology, however, is three months.

3. Candidates must receive training in Nuclear Medicine. Time spent in Nuclear Medicine may be credited either to Diagnosis or Therapy in accordance with the wishes of the program director. Credit, however, may not exceed three months.

4. During the three-year training period in Radiology a minimum equivalent of twelve months must be spent in Therapeutic Radiology and eighteen months in Diagnostic Radiology.

## DIAGNOSTIC RADIOLOGY

Candidates must have had three years' formal residency training in Diagnostic Radiology in an approved department of Radiology, plus an additional year of either further training or practice. The three-year training period must include training in Pathology and training in Nuclear Medicine. Credit for training in either subject may not exceed three months.

Presently all candidates applying for examination in Diagnosis will be examined in Diagnostic Radiology, which includes diagnostic Nuclear Medicine. They may expect also to be examined in Physics.

Therapeutic Radiology

Candidates must have had three years' formal residency training in Therapeutic Radiology in an approved department of Radiology, plus an additional year of either further training or practice. The three-year training period must include training in Pathology and training in Nuclear Medicine. Credit for training in either subject may not exceed three months. Candidates applying for Therapeutic Radiology alone must show evidence of personal experience in the use of intracavitary and interstitial radium or equivalent sources, as well as proficiency in roentgen and other teletherapy modalities.

Application and Fee

Application for examination must be made in duplicate on forms which may be obtained from the Secretary. These forms shall be forwarded with the required data, three unmounted autographed photographs, and the application fee of two hundred dollars (\$200) by the deadline established for filing. The deadline for filing for either the written or the oral examination in any given year is December 31 of the preceding year. In the event of withdrawal of an application sixty dollars (\$60) is retained for processing. A candidate who does not accept an appointment within three years after becoming eligible, except for a reason acceptable to the Board, will be required to submit another application and application fee.

Written Examination:

Written examinations are given during the latter part of June.

Any candidate eligible for the oral examination in Radiology in June 1968 will not be required to take the written examination.

Any candidate for certification in Radiology not eligible for the June 1968 oral examination will be required to take the written examination. Passage of the written examination in Radiology is a prerequisite to admittance to the oral examination.

Any candidate for certification in Diagnostic Radiology or in Therapeutic Radiology not eligible for the June 1969 oral examination will be required to take the written examination in that branch. Passage of the written examination is a prerequisite to admittance to the oral examination.

If by taking the written examination at the time designated by the rules will postpone the taking of the oral examination for which he is eligible, a candidate may request permission to take the written examination at an earlier period. Thus, those who have received credit for time in the service or because of previous training or experience may take the written examination the year prior to fulfilling the training requirements.

Oral Examination:

Oral examinations are usually conducted in June and December.

Candidates must have completed their training requirements no later than June 30 or December 31 to be eligible for the oral examination given in June or December, respectively. The deadline for completion of training for an examination scheduled at a time other than June or December will be determined by the Executive Committee.

Appointments are offered to candidates in the following order of priority:

1. American citizens.
2. Foreign candidates who intend to return to the country of their citizenship.
3. Foreign candidates who show evidence that they intend to become American or Canadian citizens.

The examination consists of film interpretation, problems regarding the clinical applications of roentgen rays, gamma rays, and radionuclides, and questions in pathology, physiol-

ogy, radiobiology, and radiological physics. The applicant is also examined in "professional adaptability," in an attempt to ascertain his attitude toward his fellow practitioners and his patients.

American Board of Surgery

- JOHN A. SCHILLING, Chairman, Oklahoma City
- CHARLES ECKERT, Vice-Chairman, Albany, N.Y.
- WILEY F. BARKER, Los Angeles
- JOHN M. BEAL, Chicago
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- GORDON M. LOOS, Executive Associate, Philadelphia

Requirements for Admission to Examination  
General Qualifications

An ethical standing in the profession and a moral status in the community which are satisfactory to the Board.  
Engagement in the practice of surgery.

Preliminary Training

Graduation from an approved medical school in the United States or Canada or from a medical school acceptable to the Board in another country.

Completion of an internship (straight or rotating) of not less than one year in a hospital approved by the Council on Medical Education of the American Medical Association or its equivalent in the opinion of the Board.

Special Training

The American Board of Surgery is guided by the evaluation of residency training programs made by the Conference Committee on Graduate Education in Surgery and does not itself conduct such surveys.

The Board interprets the term "general surgery" in a comprehensive manner. While the management of conditions relating to the gastrointestinal tract and other abdominal conditions continues to form the bulwark of general surgery, candidates are expected to have knowledge of the basic principles applied in the management of fractures, head injuries or other forms of trauma, and of the more common problems in cardiovascular, gynecologic, neurologic, orthopedic, pediatric, plastic, thoracic, and urologic surgery.

Basic Sciences

It is fundamental to the concept of an approved residency in general surgery that the program provide for properly organized, integrated, and progressively graded clinical training in this specialty. This presupposes a continuity of clinical experience under the supervision of the surgical staff of the hospital or hospitals in which such training is conducted. Accordingly, while recognizing the value of formal courses in the study of surgery and the basic sciences at approved graduate schools of medicine, the Board will not accept these courses as part of a three- or four-year residency program in lieu of clinical experience.

Furthermore, the integration of basic sciences, particularly pathology, with clinical training is considered superior to formal courses in these subjects.

#### SENIOR YEAR

The most important single factor in the development of a surgeon is the opportunity under guidance and supervision to grow by progressive and succeeding stages to the stature of complete responsibility for the surgical care of patients. Major operative experience and senior responsibility are an essential part of surgical education and training. For this reason the Board cannot accept for examination candidates who have not had such experience in general surgery, regardless of the number of years in training.

Since a majority of residency training programs do not provide a sufficient accretion of operative experience and personal responsibility until the completion of the senior or final year, *the Board requires that the candidate have had this senior year in order to become eligible for examination.*

#### TYPES OF PROGRAMS

The requirements for examination may be fulfilled by either of two programs. These are considered to be minimal in attaining the purposes of the Board and do not preclude additional desirable educational experiences which may strengthen the individual residency training program.

The Board considers residency training a full-time endeavor.

The Board may, at its discretion, require that a member of the Board, or other designated Diplomate, observe and report upon the clinical performance of the candidate before considering his eligibility for examination or certification.

The Board requires a candidate to submit a list of the operative procedures performed by him during his training period.

#### GROUP 1 PROGRAM

Satisfactory completion of a graded residency in general surgery of at least four years' duration, including the senior year, in an institution or institutions acceptable to the Board and approved for four or more years of training by the Conference Committee on Graduate Education in Surgery is required. The Board believes that optimum surgical training usually requires that a resident remain in the same program for at least the final two years of his clinical training.

An approved four-year residency may include a research project or an assignment to a basic science department such as pathology, physiology, or anatomy, provided this is an integral part of the program. The program must include at least three years of clinical surgery.

The Board accepts training of not more than one year's duration in "affiliate hospitals" as part of its basic formal educational requirements. Such "affiliate hospital" training must have been part of the graded residency program of an institution approved for four or more years by the Conference Committee. *The senior year must have been spent in the parent institution holding the approval of the Conference Committee*, except in those instances where the senior year in the "affiliate hospital" is, in the opinion of the Conference Committee, equivalent in training value to the senior year in the parent institution and is under the same supervision.

The candidate who completes only four years of an approved program designed for more than four years, and thus does not have the senior or final year of the residency, may submit his qualifications for special consideration by the Credentials Committee of the Board. The Committee can recommend acceptance of the candidate for examination in Group 1 or Group 2, provided the evidence indicates the candidate has had adequate operative experience and clinical responsibility as certified by the Chief of Service.

Residency credit will be granted for surgical internship to a candidate who has completed a prior year of acceptable internship when the surgical internship is part of a graded program approved for four or more years by the Conference Committee.

#### GROUP 2 PROGRAM

Satisfactory completion of a graded residency in general surgery of at least three years' duration including the senior year, in an institution or institutions acceptable to the Board and approved for at least three years of training by the Conference Committee on Graduate Education in Surgery is the basic requirement. The Board believes that for optimum surgical training at least the final two of these three residency years should be spent in the same program.

Residency credit will not be granted for separate periods of time devoted exclusively to research or a preclinical discipline although the day-to-day integration of these disciplines with clinical surgery is highly desirable. The program must have included three years of clinical surgery and *the final year must have been spent in the capacity of senior or chief resident in general surgery.*

Satisfactory completion of *two additional years* of training beyond the three years of residency to complete a total of five is necessary to meet the requirements for examination. *At least one of these two additional years must embrace patient responsibility and major operative work performed by the candidate under acceptable supervision.* The two years may include:

(a) Practice of surgery under acceptable supervision (preceptorship). By "acceptable supervision" is meant an arrangement, approved by the Board in advance, with a preceptor acceptable to the Board who informs the Board in writing of his willingness to assume responsibility for the candidate's further training. Before the candidate's eligibility for examination can be considered, he will be required to submit to the Board a list of the operative procedures performed by him during the period of supervised practice, and the preceptor will be requested to vouch for the candidate's integrity, surgical judgment, and technical skill. The acceptance of supervised practice in fulfillment of part of the Board's requirements will be contingent upon the candidate's having had adequate clinical opportunities to fortify residency training and considerable responsibility in the care of patients, including the performance of major operative procedures under supervision.

(b) A formal course in surgery and the basic sciences in an approved graduate school of medicine on a full-time basis. Training credit in excess of twelve months will not be granted in this category.

Credit not to exceed six months may be granted for the study of a single basic science such as pathology, physiology, or anatomy.

Credit may be granted for a maximum of twelve months spent in full-time research under a responsible investigator who is acceptable to the Board. A candidate may not claim credit for both graduate study and research years.

(c) Further acceptable surgical residency or fellowship training, either in general surgery or in a recognized surgical specialty.

N.B.: Credit as outlined above under (a), (b), and (c) will be applicable only toward the two years of training which Group 2 candidates must complete in addition to three years of approved residency in general surgery. It will not be considered as basic residency credit.

#### MILITARY CREDIT

Credit not to exceed one year may be granted to those candidates who have served in military hospitals other than those approved for residency training, provided that the candidate has had a satisfactory surgical assignment with adequate and diversified clinical material and provided further

that his work in surgery was carried out under the supervision of a surgeon acceptable to the Board. For Group 2 candidates any such credit will be considered preceptorship credit.

CREDENTIALS COMMITTEE

The Credentials Committee of the Board, which ordinarily meets each January and June, is prepared to give individual consideration to applicants whose training in general appears adequate although it may not meet all of the requirements specified above. It is recognized that some flexibility and well-considered experimentations are essential to progress in surgical education.

APPLICATIONS

Prospective candidates for examination by the Board should carefully read the Board's requirements as set forth in the Board's *Booklet of Information*. If after becoming familiar with the requirements, a candidate needs advice about his training, or believes he has completed the requirements, he should submit a brief chronological outline of his training, including precise dates, using the Evaluation Form which will be furnished on request.

Candidates must communicate with the Board at least three months before completing their training requirements (and in no instance later than June 1st), if they wish to receive Application for Examination forms for the Part I examination in December of the same year.

Candidates not graduated from an approved medical school in the United States or Canada must submit the Evaluation Form not later than March 1 of the year in which examination is desired.

*Application for Examination forms are not forwarded until candidates are within several months of completing their training requirements and appear to have met all other requirements of the Board.*

Applications must be returned by Aug. 1 if consideration is desired for examination in Part I in December of the same year.

Candidates completing their training requirements after Sept. 30 must await consideration for admission to the December Part I examination one year later.

The Board's acceptance of candidates for examination is based not only upon an evaluation of their training, but also upon information available to the Board concerning their professional ability as surgeons and their ethical standing.

Candidates are notified of their eligibility for the Part I examination when their applications have been approved, and subsequently are sent a list of examination centers from which to choose. Candidates are not eligible for the Part 2 examination until they have made a passing grade in Part 1.

A candidate who has been notified of eligibility to take the Part 1 or the Part 2 examination and who does not exercise this option within three years shall apply for re-evaluation of his eligibility for examination.

THE FOUNDERS GROUP

The Founders Group, to which were admitted those who had already amply demonstrated their fitness as trained specialists in surgery, was closed in January, 1940.

EXAMINATION

The qualifying examination is divided into Part 1 (written) and Part 2 (oral). In both of these a knowledge of the practical application of the sciences fundamental to surgery is required.

PART 1

The examination is given simultaneously in as many centers throughout the United States as the Board may determine suitable for the purpose and sometimes by special arrangement in certain centers abroad. It is held once annually on the first Wednesday of December.

The Part 1 examination is of the objective, multiple-choice type, and is administered during a one-half day session. This examination is designed to cover general surgical problems and the sciences basic to surgery. Questions are of various types, and are based upon the analysis of case histories, cause and effect relationships, and other pertinent situations. The examinations are composed by members of the American Board of Surgery with the technical assistance of the National Board of Medical Examiners.

PART 2

Examinations usually are held in ten different centers in the United States each year, September through May or June. These examinations are conducted by members of the American Board of Surgery and selected Diplomates acting as guest examiners.

The Part 2 examination is oral and practical and requires the candidate's presence for one day. Candidates are examined in clinical surgery, including diagnosis, management of patients, and the application of anatomy, pathology, physiology, biochemistry, and bacteriology to surgical problems. In pathology, emphasis is placed on an understanding of disease processes and their clinical implications. The identification of microscopic lesions and the interpretation of roentgenograms also may be included.

REEXAMINATION

Candidates who fail Part 1 or Part 2 are required to wait one year before they can be eligible for reexamination.

Should a candidate fail a reexamination in Part 1 or in Part 2, the Credentials Committee will consider an appeal for the privilege of further examination after the lapse of two years, provided he has demonstrated initiative in furthering his professional development. The Board, however, on the basis of its judgment, may deny a candidate the privilege of further examination.

FEES

The fee for examination is two hundred dollars (\$200) payable as follows: twenty-five dollars (\$25) for registration, seventy-five dollars (\$75) for Part 1 and one hundred dollars (\$100) for Part 2.

The fee for reexamination in Part 1 is seventy-five dollars (\$75); for reexamination in Part 2, one hundred dollars (\$100).

Each fee for examination or reexamination includes a processing charge which is not refunded in case of withdrawal (\$10.00 for Part 1; \$15.00 for Part 2).

All fees are subject to change.

The Board is a nonprofit organization. All fees will be used, after a reasonable amount is set aside for necessary expenses, to aid in improving existing opportunities for the training of surgeons. The members of the Board, except the Secretary-Treasurer and the Associate Secretary-Treasurer, serve without remuneration.

LICENSE TO PRACTICE

The Board requires, prior to issuance of a certificate, that candidates have a valid license to practice medicine except in those situations in the United States or Canada in which a license to practice is not required, such as the practice of surgery by commissioned officers in the Army, Navy, or Public Health Services of these countries.

CERTIFICATION IN THORACIC SURGERY

Diplomates of the American Board of Surgery wishing to become certified in thoracic surgery are advised to communicate with the Secretary of the Board of Thoracic Surgery, Dr. Rollin A. Daniel, Jr., 1151 Taylor Ave., Detroit, Mich., 48202. This board is an affiliate of the American Board of Surgery.

### BOARD OF THORACIC SURGERY

(An Affiliate of the American Board of Surgery)

EDWARD J. BEATTIE, JR., Chairman, New York City  
 DAVID J. DUGAN, Vice-Chairman, Oakland, Calif.  
 ROLLIN A. DANIEL, JR., Secretary-Treasurer, Nashville, Tenn.  
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 J. GORDON SCANNELL, Boston  
 HERBERT SLOAN, Ann Arbor, Mich.  
 Miss LOUISE SPER, Executive Assistant, 1151 Taylor Ave.,  
 Detroit, Mich., 48202

#### REQUIREMENTS FOR EXAMINATION

1. Certification by the American Board of Surgery.
2. Adequate training in thoracic and cardiovascular surgery.

##### *Definition of what constitutes adequate training.*

To qualify for examination in thoracic surgery, the candidate shall have satisfactorily completed two years of training on an active Thoracic Surgery Service that is approved by the Council on Medical Education of the American Medical Association in collaboration with the Board of Thoracic Surgery or training deemed equivalent by the Board of Thoracic Surgery.

Training obtained on Surgical Services where the experience with thoracic and non-thoracic cases is mixed can qualify the candidate for examination, but only after favorable review by the Credentials Committee on an individual basis. Requests for such evaluation should be directed to the Secretary, Rollin A. Daniel, Jr., M.D., 1151 Taylor Avenue, Detroit, Michigan 48202.

Preceptorships alone are not considered to provide adequate training.

Even though emphasis on one or another facet of thoracic surgery, (esophagus, tumor, tuberculosis, cardiovascular, etc.) may have characterized the candidate's training experience, he is nevertheless held accountable for knowledge concerning all phases of the field. Not more than one year of training credit is to be allowed for experience that is confined to any one such segment.

Since few hospitals are capable of providing adequate experience in all facets of thoracic surgery, affiliation between diverse institutions is recommended. By preference the twenty-four months of training should be consecutive, and rotation through affiliated institutions or services should be appropriately spaced for proper benefit from each. It is also required that the candidate be familiar with the basic sciences as they relate to thoracic surgery. His moral and ethical standards must be acceptable.

#### FOREIGN TRAINED CANDIDATES

In exceptional instances and after individual evaluation, the Credentials Committee of the Board may grant some credit for training in thoracic surgery acquired on services outside of the United States.

#### APPLICATIONS

Prospective candidates desiring to apply for examination should consider whether they are able to meet the minimum requirements of the Board. They should then submit a letter to the secretary's office, outlining briefly their training and

experience in thoracic surgery and ask for an application form. An application form will not be sent unless evidence is submitted in the letter indicating that the prospective applicant appears to meet the minimum requirements.

The Board's acceptance of candidates for examination is based not only upon an evaluation of their training but also upon information available to the Board concerning their professional ability as Thoracic Surgeons and their ethical standing.

#### EXAMINATIONS

The qualifying examinations are divided into two parts. Part I is written, and Part II is an oral examination in clinical surgery, X-ray interpretation and pathology.

Part I. This examination will be given simultaneously at least once a year in as many centers throughout the country as the Board may determine suitable for this purpose.

*Candidates examined by the American Board of Surgery in Part I (written examination) on or after October 26, 1955, who are certified by the American Board of Surgery will be required to take only the Part II examination of the Board of Thoracic Surgery.*

*Candidates examined by the American Board of Surgery in Part I prior to October 26, 1955 will be required to take Part I (written examination) of the Board of Thoracic Surgery before taking its oral examination.*

Part II. In order to be eligible for Part II a candidate must have successfully completed Part I if required to take this preliminary examination. Examinations in Part II are held near the time and place of the annual meetings of the American Association for Thoracic Surgery and the American College of Surgeons.

It is the policy of the Board of Thoracic Surgery to examine candidates in Part II only upon the completion of their thoracic surgery residency unless circumstances require their returning to a foreign country, departure as a medical missionary, etc.

Dates of written and oral examinations are regularly published in the Examination and Licensure column of the Journal of the American Medical Association and the Journal of Thoracic and Cardiovascular Surgery.

#### RE-EXAMINATIONS

Those individuals who fail Part I or Part II are required to wait for a period of one year before they are eligible again to take the part which they have failed. Those who fail twice in Part I or Part II will be required to wait for a period of two years. In addition they will be required to submit evidence of additional study and preparation prior to admission to re-examination. A candidate must give at least 60 days' notice requesting reconsideration for examination. The Board may at its discretion deny the candidates the privilege of further re-examination.

Candidates declared eligible but who fail to exercise the examination privilege within three years of the date of filing the application will be required to file a new and current application and pay a new examination fee. Furthermore, a candidate who has failed in an examination (Part I or Part II) and who does not apply for re-examination within three years shall be required to make a new application and pay a new examination fee.

#### FEEs

For the special examination in thoracic surgery and the issuing of a certificate, the fee is \$125.00. Twenty-five dollars of this fee is to accompany the application and will be considered as a registration fee. It is non-returnable to the applicant in case he is disapproved for examination.

The fee for re-examination is \$50.00.

AMERICAN BOARD OF UROLOGY

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 Communications should be addressed to the Secretary-Treasurer, or to

MRS. RUBY L. GRIGGS, Executive Secretary, Apt. 1C, Glover Landing, Brackett Place, Marblehead, Mass. 01945

REQUIREMENTS FOR ALL APPLICANTS

A. APPLICATION FOR CERTIFICATION MUST BE MADE ON A SPECIAL FORM provided by the Secretary. This shall be returned to him accompanied by other required data and credentials and by \$100.00 of the examination fee.

B. The applicant must have graduated from a medical school of the United States or Canada recognized by The Council on Medical Education of The American Medical Association and must have completed an internship of not less than one year in a hospital approved by this Council.

Requirements of graduates of foreign Medical Schools shall conform to and be similar to the requirements as demanded of the applicants for the accepted medical schools in the United States and Canada. Such applications will be considered by the full Board on individual merits.

Graduates of foreign medical schools are required to acquire the standard certificate issued by the Educational Council for Foreign Medical Graduates or to be licensed by examination to practice in this country.

C. The applicant must establish in a manner satisfactory to this Board that he is a physician duly licensed by law to practice medicine and that he is of high ethical and professional standing.

D. The applicant must establish that he has received special graduate training as follows:

1. An approved internship of at least one year.
2. One year in the basic sciences or clinical studies basic to Urology; or one year residency in general surgery or internal medicine, on an approved service.
3. An approved graduated three-year residency in Urology, leading to competence in all its phases; the last year as senior resident.

Any formally integrated service may permit some variation on the one-year basic science, general surgery and internal medicine requirement, provided it is completed prior to the senior year.

E. Applicant must have an additional period of not less than two years in the practice of Urology in the city of his office or place of practice.

F. The applicant must assure the Board that he is engaged in the full time practice of Urology.

G. After January 1, 1969, except in unusual instances and at the discretion of the Board, applicants will be required to make application within five years of completion of the training required by the Board. After a five year period, additional training may be required. Applicants will be required to submit case reports within three years of the date of formal application.

FEE

The examination fee is \$200.00. (This fee will be increased when and if the expense of the examinations and other activities of the Board demand.) One hundred dollars should accompany the application. One hundred dollars should be paid when the application has been processed. Neither fee is returnable. The cost of the preparation and mailing of the certificate will be charged to the candidate.

Applications for certification shall be examined by the Credentials Committee and reviewed by the Board. When additional data are required to complete the application, these will be requested by the Secretary.

If a candidate fails, he will be permitted a second examination after one year or within three years, but he must give sixty days' notice of his intention to appear for re-examination. A NEW group of case reports will be required, which do not duplicate previous submissions made to the Board. When an applicant has failed twice he may file a new application after two years and shall pay a second full fee.

A candidate who has been failed twice in any part of the examinations may be required to have additional training in accordance with recommendations from the full Board before he may be permitted further examination. A candidate who has been conditioned in one or more parts of the examination will be charged a fee of \$25.00 for each re-examination.

REQUIREMENTS FOR CERTIFICATION

The requirements for certification include:

A. Evidence of Hospital Practice

1. A list of all major and minor hospital cases during the most recent two year post-residency period. These lists should include the name of the hospital, identification of the patient, date of admission and designation of the specific surgical procedure. This index must be verified by the various hospital administrators.

2. Photostatic copies of one or more of the full hospital record of any of the above may likely be requested. The candidate is expected to furnish this within one month of the request.

3. Detailed presentations of ten representative (not necessarily consecutive) major urological cases chosen from the above list. At the conclusion of each, a discussion of interesting, unusual and instructive features is expected. The inclusion of one or more photographs of principal roentgenograms is advisable. Also, a specific formulation of the indications for operation in each case, and a final appraisal of the result is required.

4. Preparation of Case Reports

The Board is fully cognizant that all operative results are not always perfect, so the candidate need not be fearful reporting undesirable results or deaths. In the latter instance, a necropsy report is desirable to complete the clinical picture.

Preparation of case reports by candidates for examination by The American Board of Urology, Inc., is requested in order to give the Board a view of the competence of the candidate in his daily practice and to acquaint the examiner with the candidate's abilities in diagnosis and treatment of patients having undergone a variety of major urological surgical procedures.

It is essential that the greatest possible variety of major surgical urological disorders be presented. The Board is interested in the candidate's abilities throughout the entire scope of Urology (male, female and children) rather than the candidate's interest or abilities in a small segment of urological practice. The case reports may deal with post-residency, private or ward patients under the candidate's charge and upon whom he has personally operated.

These reports must reveal the candidate's competence, not only in the presentations of facts, but also portray the candidate's ability to think, to express himself in clear well written English and specify to the examiner the patient's problem, the reasons for and the interpretation of the various diagnostic procedures, the decision for the particular surgical procedure and the final patient result. Furthermore, there should be included a six (6) month posthospital follow-up, and in its absence, a statement as to the inability (in rare instances) of the candidate to follow the patient for this length of time. In short, the candidate must present

material, adequately dated, in such a way that the examiner need not rely on his own imagination to complete or supplement any of the details in the candidate's case reports.

Having selected a variety of major urological surgical procedures the candidate's next problem is preparation of the reports. The reports must be done personally and the final typewritten material *proofread and a statement included to verify this fact*. Particular attention should be given to the use of descriptively clear, grammatically correct English including punctuation, spelling, paragraphing, dating and careful numbering of pages.

If the records are not bound the case reports should be stapled individually bearing the numbers 1 through 10 so that the examiner can easily identify each in grading the set.

Carbon copies of the entire group are to be brought to the Oral-clinical Examination.

Each case report should begin with the following headings:

- a. Identification of the patient
- b. Age, sex, occupation, race and marital status
- c. Name of hospital, city, state and referring physician
- d. Date of hospital admission
- e. Preoperative diagnosis
- f. Operative procedure and date
- g. Final diagnosis
- h. Complications
- i. Final result
- j. Date of hospital discharge

The body of the record should contain the following:

a. History

(1) Chief Complaint

This is to be stated as subjective symptom and not an objective or laboratory observation.

(2) Present Illness

This is to be presented, fully dated, as a historical record of the patient's complaints and their development.

(3) Past Personal History

An account of the patient's previous illnesses, operative procedures, injuries, venereal infections, allergic manifestations and a review of symptoms. Such information as marital status, menstrual history, personal habits should be included.

(4) Family History

Facts relevant directly or indirectly to the present illness should be recorded.

b. Physical Examination

The physical examination should be presented in significant detail under proper headings paragraphed for ease of reading. At its beginning the patient's blood pressure, temperature and pulse is to be stated.

c. Laboratory Data

Clinical laboratory data must be reported in detail and not recorded as "normal". It is to be reported under proper headings; i.e., blood count, urinalysis, blood chemistries, x-ray, renal function studies, etc.

Urographic and angiographic studies are to present the interpretation of the candidate and not a copy of the radiologist's report.

d. Preoperative Hospital Period

This should be presented in detail with significant dates and the several diagnostic procedures described including their indications. Again this should be presented under appropriate headings, i.e., laboratory data, cystoscopic examinations, excretory urograms, etc. Any omission of indicated laboratory or x-ray data because of economic reasons or lack of available facilities should be so stated.

e. Provisional Diagnosis

f. Indications for Operation

The specific indications for a particular operation should be stated with supporting subjective and objective data in order to completely justify the anticipated surgery.

g. Operative Procedure

The operative procedure should be described in detail including the type of anesthesia, preparation of patient, gross

pathological anatomy, etc.

h. Pathology

(1) Tissue Examination

The tissue removed should be described by the candidate as to the gross appearance, its weight, size, and the histologic findings. This is to be the observation of the candidate rather than a copy of the pathologist's report.

(2) Chemical Examination

Such findings as the composition of stones, etc.

(3) Bacteriologic Reports

The report of any specific infection which may have been demonstrated in the operative specimen, operative wound, urine obtained in the event of stones or an obstructive uropathy, etc.

i. Postoperative Course

This should be carefully dated and portray in detail this portion of the patient's hospital illness. It must include all complications, unusual febrile reactions, their cause and consultations along with specific findings and recommendations.

The postoperative therapy should be specifically outlined including reasons for such therapy. The time of removal of sutures, the drain and the catheter should be recorded along with the final condition of the wound.

Postoperative laboratory data or x-rays should be recorded stating their indications, the results and their influence on further therapy.

j. Final Diagnosis

k. Final Hospital Summary

A concise statement stating patient's admission date and the primary problem along with the date of operation and its indication and a brief summary of the post-operative period and the date of discharge.

1. Postoperative Post-hospital Follow-up

This should include a period of six (6) months with significant dates, specific therapy, laboratory and x-ray studies and their indications. In the event the patient was not or could not be followed for six months (in rare instances) the reasons should be stated. The final condition of the patient should be recorded.

m. Final Case Summary

This summary should provide the examiner with evidence of the candidate's cerebrations which either support or deny the efficacy of the preoperative, operative, and post-operative decisions and any intervening irregularities which may have influenced the ultimate handling of the particular patient problem. If this is merely a recapitulation the case report will be failed.

5. Prepare a resume with dates and identification of the last four consecutive cases in which death occurred while the patient was under the candidate's responsibility (whether private or service, recent or remote). If autopsy was not performed, indicate why.

6. The deadline for receipt of case reports in the Board Office is July 1st of each year.

B. Examinations

1. Written

The written examination is designed to demonstrate the candidate's knowledge of the entire field of urology and allied subjects; i.e. clinical, urology, embryology, anatomy, physiology, pathology, bacteriology, physiological chemistry, endocrinology, etc.

This examination may be held simultaneously on a specified date in different parts of the country at places convenient for candidates.

2. Pathology

The examination in pathology will consist of the identification of gross and microscopic morphology and urinary sediments.

It will be held at the time of the oral-clinical examination.

3. Oral-clinical

This will consist of a discussion of urological problems,

subjects forming the basis of this examination include all phases of urography and clinical urology (male, female and child) encompassing metabolic, physiologic, biochemical and bacteriologic aspects of clinical urology.

It will ascertain the candidate's familiarity with recent literature, the breadth of his clinical experience and his general qualifications for the practice of urology.

C. The professional adaptability of each candidate will be investigated in an attempt to determine his ethical conduct and his attitude toward his patients and fellow practitioners.

**FINAL ACTION OF THE BOARD**

Final action concerning each applicant is made by the entire Board and is based on the applicant's training, his professional record, his attainments in the field of Urology, and the results of the examinations. This Board is organized not to prevent qualified urologists from obtaining certificates but to assist them in becoming recognized in their communities as men competent to practice in the special field of Urology.

THE ACTIVITIES DESCRIBED IN THE FOREGOING PROCEED FROM THE CERTIFICATE OF INCORPORATION IN WHICH IS STATED THE NATURE OF THE BUSINESS, OBJECTS, AND PURPOSES PROPOSED TO BE TRANSACTED AND CARRIED OUT BY THIS CORPORATION.

**REVOCACTION OF CERTIFICATE**

Certificates issued by this Board are subject to the provisions of the Articles of Incorporation and the By-laws. According to Article IX, Section 4, of the By-laws, "Each Certificate shall be subject to revocation in the event that:

A. The issuance of such certificate or its receipt by the physician so certified shall have been contrary to, or in violation of, any provision of the Certificate of Incorporation of this, The American Board of Urology, Inc., or of the By-laws; or

B. The physician or party certified shall not have been eligible to receive such certificate, irrespective of whether or not the facts constituting him so ineligible were known to, or could have been ascertained by, the directors of the Board at the time of the issuance of such certificate; or

C. The physician or party so certified shall have made any misstatement of fact in his application for such certificate or in any other statement or representation to the Board or its representatives; or

D. The physician so certified, at any time while continuing to practice, shall cease to practice Urology; or

E. The physician so certified shall at any time have neglected to maintain the degree of competency in the practice of the specialty of Urology as set up by the Board, and shall refuse to submit to re-examination by the Board; or

F. The physician so certified has been found to be guilty of unethical practices or immoral conduct or of conduct leading to revocation of his license.

The Board of Trustees of this Corporation shall have the sole power, jurisdiction and right to determine and decide whether or not the evidence or information before it is sufficient to constitute one of the grounds for revocation of any certificate issued by this corporation. The Board of Trustees, may, however, in its discretion, require any physician so certified to appear before the Board of Trustees or before any one or more of them or before any individual or individuals designated by the Board of Trustees, upon not less than twenty (20) days written notice, and to show cause, at the time and place specified in such notice, why his certificate should not be revoked upon any one or more of the above-described grounds specified in such notice. The failure of any physician so notified to appear as required in such notice, without due excuse deemed sufficient to the Board of Trustees, shall constitute, *ipso facto*, cause for revocation of his certificate. The decisions of the Board of Trustees relating to all matters under this Section 4 shall be final and binding.



# MEDICAL LICENSURE REQUIREMENTS\*

## Temporary and Educational Permits, Limited and Temporary Licenses Issued by Licensing Boards

Forty-one boards provide for the issuance of temporary and educational permits, limited and temporary licenses, or other certificates for the practice of medicine. The terms for the issuance of such certificates vary. This limited registration may apply to hospital training, to those ineligible for licensure who seek further educational training, or for regular practice until the next regular session of the licensing board. A few states, such as Michigan and Kentucky, which require full citizenship for permanent licensure, will issue limited licenses to graduates of foreign schools on successfully passing board examinations. These permits must generally be renewed once a year with a maximum number of renewals (usually five years).

In February 1967 boards of medical examiners were asked whether there was a "mechanism for registration or limited licensure which authorizes employment of foreign trained physicians who have neither certification by the Educational Council for Foreign Medical Graduates nor a regular license (a) in a state hospital or (b) in private and other governmental hospitals." Eighteen boards replied that there was authorization for employing these foreign graduates in their state hospitals, and 14 stated that they could be employed in private or other governmental hospitals. Eleven states answered both of these questions in the affirmative, that there was authorization for employing these foreign physicians in all three categories of hospitals.

### Licensure or Registration Requirements for Interns and Residents

In general, physicians serving internships are not required to be licensed in the state in which the hospital where they are interning is located. Puerto Rico is the only board which does require a license for interns. Indiana, Missouri, Rhode Island, South Carolina, and Texas require interns to obtain a temporary permit from the licensing board; and West Virginia specifies that only graduates of foreign medical schools are required to have a temporary permit. Other boards have a requirement of registration with the licensing board or a stipulation that the physician must be eligible for licensure. In all, 20 states require some form of registration for interns.

Thirty-seven boards require that physicians serving as residents in hospitals be licensed or registered in the state. Seven boards (Minnesota, Mississippi, Nebraska, South Dakota, Utah, Vermont, and Wisconsin) state that hospital residents must hold a regular license. Other boards do not require licensure but stipulate some form of registration with the licensing board. West Virginia specifies that only graduates of foreign medical schools are required to have a temporary permit. In some in-

stances, hospitals will take the initiative to register residents with state boards, but it is the responsibility of the individual resident to inquire into the policy of any given state in order that he may obtain a temporary permit if such is the requirement.

### Basic Requirements for Initial Medical Licensure for Graduates of US Medical Schools

	Written Exam	Basic Science Certif.	Endorsement of National Boards	Citizenship <sup>2</sup>	Internship <sup>5</sup>
Alabama	X	X	X	X	X
Alaska	X	X	X	X	X
Arizona	X	..	X	X	X
Arkansas	X	X	NO	X	X <sup>9</sup>
California	X	..	X	..	X
Canal Zone	X	..	X	..	X
Colorado	X	X	X	X	X
Connecticut	X	X	X	D	..
Delaware	X	..	NO	X	X
Dist. of Columbia	X	X	X	..	X
Florida	X	X	NO	X	X
Georgia	X	..	X <sup>1</sup>	X	X
Guam	X	X	X	..	X
Hawaii	X	..	X	D	X
Idaho	X	..	X	D	X
Illinois	X	..	X	D	X <sup>9</sup>
Indiana	X	..	NO	D	..
Iowa	X	X	X	D	X
Kansas	X	X	NO	X	X
Kentucky	X	..	X	X	X
Louisiana	X	..	NO	X	..
Maine	X	..	X	..	X
Maryland	X	..	X	D	..
Massachusetts	X	..	X	D	X
Michigan	X	X	X	D	X
Minnesota	X	X	X	D	X
Mississippi	X	..	X	X	..
Missouri	X	..	X	X	..
Montana	X	..	X	X <sup>9</sup>	X
Nebraska	X	X	X	X	..
Nevada	X	X	X	X <sup>9</sup>	X
New Hampshire	X	..	X	D	X <sup>7</sup>
New Jersey	X	..	X	X	X <sup>7</sup>
New Mexico	X	..	X	D	..
New York	X	..	X	D	..
North Carolina	X	..	NO	X	..
North Dakota	X	..	X	..	X
Ohio	X	..	X	X	..
Oklahoma	X	X	X	X	X <sup>9</sup>
Oregon	X	X	X	D	X
Pennsylvania	X	..	X	D	X
Puerto Rico	X	..	X	X	X
Rhode Island	X	X	X	D	X <sup>7</sup>
South Carolina	X	..	X	X	..
South Dakota	X	X	X	D	X
Tennessee	X	X	X	X	..
Texas	X	X	NO	D	..
Utah	X	X	X	..	X
Vermont	X	..	X	D	X <sup>9</sup>
Virgin Islands	X	..	NO	..	X <sup>7</sup>
Virginia	X	..	X	D	..
Washington	X	X	X	..	X
West Virginia	X	..	X	X	X
Wisconsin	X	X	X	D	X
Wyoming	X	..	X	X	X

X—Implies yes, or required.

1—Only if issued prior to Oct. 15, 1953.

2—D indicates a declaration of intention to become a citizen of United States. No entry (..) indicates no requirement.

3—Declaration of citizenship adequate for citizens of Canada.

4—Canadian graduates exempt.

5—All states indicated by X only require one year of straight or rotating internship; those indicated by X<sup>7</sup> require rotating internship. No entry (..) indicates no requirement.

6—Straight internship accepted if applicant furnishes proof he has finished residency training in approved hospital training program or has been accepted for such training.

7—One-year rotating service or 2-year straight internship. At least 3 months rotating service must be in general surgery, 3 months general medicine, and 6 weeks obstetrics.

8—Straight internship accepted except in pathology and psychiatry.

9—At the discretion of the board.

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Temporary and Educational Permits, Limited and Temporary Licenses,  
or Other Certificates Issued by State Licensing Boards

<b>Alaska</b>	Temporary permits issued for 6 months while processing permanent licensure.
<b>Arizona</b>	Temporary permits issued on basis of community emergency for term not more than 6 months, and only once renewable.
<b>Arkansas</b>	Temporary permits issued for limited time in cases of emergency and to prevent hardship. Valid until next board meeting.
<b>Connecticut</b>	Educational permits granted to graduates of foreign medical schools to serve in approved hospital training programs. Must have standard ECFMG certification.
<b>Delaware</b>	Temporary emergency license granted for 12 months, subject to renewal, for emergency shortage and for locum tenens practice provided physician is licensed in another state.
<b>Georgia</b>	Temporary permit until board meets. Institutional permit, good only in state institution, renewable each year.
<b>Hawaii</b>	For interns and residents. Also for physicians to work for state or county agency under supervision of licensed MD.
<b>Idaho</b>	Temporary license until next board meeting.
<b>Illinois</b>	Temporary certificate for residency training for applicants not qualified for permanent registration. Issued for period of 1 year, may be extended. Permit issued for service in state hospitals to physicians eligible for licensure.
<b>Indiana</b>	Temporary license pending next examination for graduates of approved medical schools. Temporary Education Permit issued foreign medical graduates for graduate education training, must have standard or temporary ECFMG certification. Temporary medical permit granted to interns and residents until they can obtain a regular license.
<b>Iowa</b>	Resident physician license for training in approved hospital under supervision of licensed physician. Temporary license for 1 year issued at discretion of board.
<b>Kansas</b>	Temporary permit until next board meeting. Not renewable.
<b>Kentucky</b>	Temporary permits issued to applicants by endorsement for 6-month period to serve until investigations completed and meeting of board. Limited licenses issued to graduates of foreign medical schools on successfully passing board examination, for one year, renewable for special place, purpose, and time.
<b>Louisiana</b>	Temporary permit for qualified candidates between regular semiannual meetings of the board. Foreign graduates granted temporary permits for approved residency training, employment in state institutions and for teaching/research assignments.
<b>Maine</b>	Temporary camp license for season. Hospital resident license for 1 year in specific hospital.
<b>Massachusetts</b>	Limited registration covering appointment as intern, resident, or fellow in specific hospital, or as assistant in medicine while a student in medical school.
<b>Michigan</b>	Temporary annual license for resident and postgraduate training renewal each year, not to exceed 5 years. Internship permits issued to graduates of foreign medical schools for a period of 1 year.
<b>Minnesota</b>	A certificate of Graduate Training issued if requirements of law have been met. No authority to practice nor licensure rights.
<b>Mississippi</b>	Temporary license for practice until next board meeting pending permanent license by examination or reciprocity.
<b>Missouri</b>	Temporary license issued to foreign graduates, noncitizen who is awaiting citizenship. Temporary license issued to interns, residents, fellows, or house officers.
<b>Montana</b>	Temporary license is granted to physicians to practice in specified location in the interim between license meetings. Must appear at next board meeting to have temporary license made permanent.
<b>Nevada</b>	Temporary permit for 1 year for residency training provided candidate is eligible for permanent licensure.
<b>New Hampshire</b>	Temporary license or until full citizenship or a maximum of 5 years for foreign-trained physicians.
<b>New Jersey</b>	Temporary license for 4 months to physicians eligible for full licensure when requested by licensed physician who will be out of the state.
<b>New Mexico</b>	Institutional permit issued for practice in state hospitals only. Permits for interns and residents. Temporary licenses issued until next board meeting.
<b>New York</b>	Temporary certificate for 2 years of residency training required for graduates of US and Canadian schools, except in public hospitals. ECFMG required of foreign graduates on immigrant visas. Eligibility for examination is prerequisite.
<b>North Carolina</b>	Limited license issued for duration of residency, renewable annually, to physicians not eligible for licensure by endorsement
<b>North Dakota</b>	Temporary permit for US and Canadian graduates until next board meeting and for locum tenens. Limited license for physicians employed in state hospitals. Does not apply to foreign graduates.
<b>Ohio</b>	Temporary permits for approved internship and residency training. Limited permits for employment in state hospitals.
<b>Oklahoma</b>	Temporary license for 1 year for residency training in approved hospital, may be renewed for 5 additional years.
<b>Oregon</b>	Limited License, Residency. The resident must apply to the Board of Medical Examiners and the license is renewed annually
<b>Pennsylvania</b>	Postgraduate certificate issued for residency training in approved hospital and for the length of time required for certification by a specialty board. Foreign Postgraduate Registration for physician in United States on Educational Visa.
<b>Rhode Island</b>	Temporary permit for 1 year for interns, residents, and house officers in hospitals.
<b>South Carolina</b>	Temporary permit issued for intern and residency training on a yearly basis. Temporary licenses are issued to eligible endorsement applicants beginning practice prior to board meeting. Temporary permits issued to foreign graduates for employment in state hospitals. Must hold ECFMG certificate.
<b>South Dakota</b>	Temporary license issued for 4 years to graduates of unapproved medical schools for practice in state institutions provided applicant passes Basic Science and Medical Board Examination.
<b>Texas</b>	Temporary license issued to next board meeting date, after completed application for permanent license has been filed and it has been checked, processed, and found to be in order. Institutional Permits issued to interns and residents. Foreign graduates must be ECFMG certified.
<b>Vermont</b>	Limited license to interns, residents, fellows, or house officers working under supervision of licensed physician.
<b>Virginia</b>	Temporary permit may be issued until next board meeting for reciprocity applicants.
<b>Virgin Islands</b>	Temporary Certificate issued to military service personnel on duty, and to municipal personnel until next board meeting.
<b>Washington</b>	Conditional certificate or license for employment by the Department of Institutions if licensed in another state.
<b>West Virginia</b>	Temporary license issued until next board meeting to qualified applicants. Issued annually up to 4 years to foreign graduates for employment in state hospitals. Also, issued to holders of ECFMG certificates for employment in private hospitals.
<b>Wisconsin</b>	Temporary educational permit issued to graduates of foreign medical schools for residency training. May be renewed annually for not more than 5 years.
<b>Wyoming</b>	Temporary permit until next board meeting. Citizenship requirement may be waived and temporary license granted on annual basis at the discretion of the board provided the applicant successfully completes ECFMG examination or board's written examination; citizenship must be obtained within 5 years.

Status of Requirements for Medical Licensure for Physicians Trained in Foreign Countries Other Than Canada\*

	Written Examination	Admitted Also on Reciprocal or Endorsement Basis	Citizenship	Basic Science Certificate	Internship	Certification by Educational Council for Foreign Medical Graduates	Additional Requirements	Examination Fee, Dollars
Alabama	x	..	x	x	x	x	x	25
Alaska	x	x	x	x	x	x	..	35
Arizona	x	..	D	x	x	x	x	50
Arkansas	not accepted							
California	x	..	..	..	x	..	x	40
Canal Zone	x	..	..	..	x	x	x	10
Colorado	x	..	x	x	x	x	..	75
Connecticut	x	x	D	x	..	..	x	50
Delaware	x	x	x	..	x	x	x	50
District of Columbia	x	x	..	x	x	x	..	50
Florida	x	..	x	x	..	x	x	50
Georgia	x	x	x	..	x	x	x	50
Guam	..	x	..	..	x	x	..	50
Hawaii	x	..	D	..	x	x	x	50
Idaho	x	..	D	..	x	x	x	100
Illinois	x	..	D	..	x	..	x	75
Indiana	x	..	D	..	..	..	x	25
Iowa	x	x	D	x	x	x	x	50
Kansas	x	..	x	x	x	..	x	50
Kentucky	x	..	x	..	x	x	x	50
Louisiana	not accepted							
Maine	x	..	..	..	x	x	x	100
Maryland	x	x	D	..	x	x	x	50
Massachusetts	x	..	D	..	..	..	x	75
Michigan	x	x	D	x	x	x	x	30
Minnesota	x	..	D	x	x	x	x	50
Mississippi	x	..	x	..	..	x	x	35
Missouri	x	..	x	..	x	x	..	50
Montana	x	x	x	..	x	x	..	75
Nebraska	x	..	x	x	..	x	..	50
Nevada	not accepted							
New Hampshire	x	x	D	..	x	x	x	50
New Jersey	x	..	x	..	x	..	x	50
New Mexico	x	..	D	..	..	..	x	100
New York	x	x	D	..	x	x	x	40
North Carolina	x	..	x	..	..	..	x	50
North Dakota	x	..	..	..	x	x	x	100
Ohio	x	x	x	..	x	x	x	50
Oklahoma	x	..	x	x	x	x	..	25
Oregon	x	x	D	x	x	x	x	150
Pennsylvania	x	..	D	..	x	x	x	50
Puerto Rico	x	..	x	..	x	..	..	30
Rhode Island	x	x	D	x	x	x	x	50
South Carolina	x	..	x	..	x	x	x	100
South Dakota	x	x	D	x	x	x	x	40
Tennessee	x	x	x	x	..	x	x	50
Texas	x	x	D	x	..	x	x	50
Utah	x	..	..	x	x	x	x	25
Vermont	x	..	D	..	x	x	..	20
Virgin Islands	x	..	..	..	x	x	x	65
Virginia	x	..	D	..	x	x	x	50
Washington	x	x	..	x	x	x	x	25
West Virginia	x	..	x	..	x	x	x	25
Wisconsin	x	..	D	x	x	x	x	75
Wyoming	x	x	x	..	x	x	..	75

This summary should be verified by direct communication with the secretary of the licensing board of the state in which the physician is interested.

\* See separate table applicable to Canadian citizens.  
 x Implies yes.  
 D Declaration of intention to become citizen of the United States.

Additional Requirements

**Alabama.** Candidate is eligible if he is certified by the National Board of Medical Examiners and approved.  
**Arizona.** Two years of approved internship in the United States' hospitals, required.  
**California.** Noncitizens—2-year internship in an approved hospital in the US, 1 of the said years being in California, followed by an oral and clinical examination. Citizens—1 year approved internship in an approved hospital in the United States followed by oral and clinical examination. If satisfactory internship already completed, all three parts of examination (written, oral, clinical) may be taken at the same time.  
**Canal Zone.** Acceptable at the discretion of the board.  
**Colorado.** Credentials must be submitted in original form and accompanied by translation and will be directly verified or documents should bear evidence of being visaed by the US Consul in the country wherein the school of graduation is or was located. Two years of approved residency.  
**Connecticut.** For graduates of unapproved medical schools, minimum of 3 years of hospital training in approved hospital in US or Canada

required, one year of which must be in general medicine. Maintain list of acceptable medical schools.  
**Delaware.** Residency for 1 year required.  
**District of Columbia.** Examinees must pass DC exam or be exempt by virtue of having passed a basic science exam elsewhere.  
**Florida.** One year approved internship or 5 years of private practice in US.  
**Georgia.** Reciprocity applicants may furnish certification of passing examination of Educational Council for Foreign Medical Graduates in lieu of acceptable medical school, and applicants are given consideration on an individual basis. Must appear before licensing board for interview. \$50 examination fee for nonresidents.  
**Guam.** Residency for 1 year required. Diplomates of National Board eligible on endorsement basis.  
**Hawaii.** Residency for 1 year required. Diplomates of National Board eligible on endorsement basis.  
**Idaho.** Considered on individual basis.  
**Illinois.** Considers applications on an individual basis from graduates of schools not on approved list. The fact a graduate from an unapproved school has been accepted may be due to the reason he was accepted on basis of postgraduate training in this country or applicant may have been admitted on basis of court order.  
**Indiana.** Two years postgraduate training in approved hospital in US required, and declaration of citizenship.  
**Iowa.** The medical examiners may accept in lieu of a diploma from a school of medicine approved by this board all of the following: (a) a diploma issued by a medical college which college has been neither approved nor disapproved by the medical examiners; and (b) completion of 3 years of training as a resident physician which training has been approved by or is acceptable to the medical examiners; and (c) recommendation of the ECFMG.  
**Kansas.** Certificate from medical college specifying in detail the physical equipment of the school, the curriculum, current catalog showing courses of study, and certificate that the college is recognized by authorities of such foreign country as qualifying its graduates for practice therein; diploma from such college; certificate of licensure in the country where graduated; all documents to be translated into English and certified by the consul. ECFMG certificate has a favorable bearing on acceptance.  
**Kentucky.** Applicant required to complete at least 5 years' training in the United States in an institution approved by the board.  
**Maine.** Maintains list of acceptable medical schools.  
**Maryland.** Two years US hospital service in approved internship or residency, one year of which must be in Maryland or adjoining state or D.C. The internship need not be rotating. This ruling applies to Cuban graduates as well.  
**Massachusetts.** If a candidate is a diplomate of an approved specialty board, he may be admitted to the examination for licensure without being required to hold ECFMG certificate.  
**Michigan.** Applicants with first papers who meet all requirements of this board for permanent licensure are granted a temporary license. This license is renewable annually on July 1, not to exceed 5 years.  
**Minnesota.** Two years graduate training.  
**Mississippi.** Interview by examining board prior to examination required.  
**Missouri.** Temporary license issued noncitizens awaiting citizenship.  
**New Hampshire.** Diplomates of National Board of Medical Examiners eligible on endorsement basis. Temporary license valid until citizenship is completed may be given. Considered on individual basis. Certified copies of credentials and translations must be filed with application.  
**New Jersey.** Candidates required to have not less than 3 years training in a hospital approved by the board.  
**New York.** ECFMG or equivalent plus 1 or 2 years approved hospital training required.  
**North Carolina.** Considered on an individual basis.  
**North Dakota.** Considered on an individual basis.  
**Ohio.** Must serve at least 2 years as intern or resident in approved hospital in this country.  
**Oregon.** Must show evidence of internship and/or residency of not less than 2 years in not more than two hospitals approved for such training. Less than an unqualified recommendation from the heads of these training programs shall preclude further consideration.  
**Pennsylvania.** Graduates of foreign medical schools are considered on an individual basis.  
**Rhode Island.** In addition to year of rotating internship a second year of either internship or residency in an approved hospital in United States or Canada is required.  
**South Carolina.** Residency training is required as specified by the board.  
**South Dakota.** Applicant required to practice in a state institution for 4 years under a temporary license and reappear before the board for permanent licensure, if unable to meet ECFMG and internship requirement.  
**Tennessee.** All applicants must be from medical schools whose curriculum equals that of the University of Tennessee. Each applicant considered on an individual basis, and must appear before the Board of Medical Examiners before certification to the Licensing Board for a license to practice medicine in Tennessee.  
**Texas.** All foreign-trained physicians must appear for personal interview before the Board.  
**Utah.** Applicant required to have 3 years of internship or residency, 1 year spent in Utah and hold certificate of National Board of Medical Examiners.  
**Virgin Islands.** Residence of six months required.  
**Virginia.** Applicant must be licensed to practice medicine and surgery in country in which school of graduation is located or must have completed the course of study and passed examinations equivalent to those required for a diploma or license conferring such full rights to practice. Two years of accredited hospital training in approved hospital in the US or Canada within the 5 years prior to application. If citizenship is not acquired within 7 years after licensure, the license automatically becomes void.  
**West Virginia.** Applicant must be resident of the state for three years preceding application and recommended by local society. ECFMG recommended by board not required by law.  
**Wisconsin.** 1953 Legislature established One Year Temporary Educational Permit which authorizes graduates of unapproved foreign schools to obtain residency training in approved hospitals. May be renewed for 4 additional years.

**Schedule for Written Examination and Issuance  
of Licenses by Reciprocity or Endorsement  
of Credentials**

	Written Examinations	Licenses Issued by Reciprocity or Endorsement
Alabama	Annually	Monthly
Alaska	July and October	Continuously
Arizona	June and December	Quarterly
Arkansas	June and November	June and November
California	Quarterly	Once a week
Canal Zone	Quarterly	Quarterly
Colorado	June and December	January, April, July, and October
Connecticut	March, July, and November	Continuously
Delaware	January and July	Monthly
District of Columbia	Twice annually	Continuously
Florida	January and July	No reciprocity
Georgia	June and October	June and October
Guam	No examination given	On application
Hawaii	January and July	Continuously
Idaho	Semiannually	Semiannually
Illinois	Quarterly	Quarterly
Indiana	Annually, June	Once a month
Iowa	June and January	Monthly
Kansas	January and June	January and June
Kentucky	Biannually	Continuously
Louisiana	June and December	June and December
Maine	March, July, and November	March, July, and November
Maryland	June and December	Once a month
Massachusetts	January and July	Monthly except August
Michigan	January and June	Continuously
Minnesota	Quarterly	Quarterly
Mississippi	Annually, June	June and December
Missouri	Twice annually	Eight times annually
Montana	January and July	Continuously
Nebraska	Annually in June	Continuously
Nevada	Quarterly	Quarterly
New Hampshire	Twice annually	Twice annually
New Jersey	Feb. June and October	Monthly
New Mexico	May and November	May and November
New York	July and December	Continuously
North Carolina	June and December	Seven times annually
North Dakota	January and July	January and July
Ohio	June and December	Six times annually
Oklahoma	Annually, June	Quarterly
Oregon	January and July	Quarterly
Pennsylvania	May and November	Continuously
Puerto Rico	Twice annually	Continuously
Rhode Island	Quarterly	Eight times annually
South Carolina	June and November	May, June and November
South Dakota	Twice annually	Continuously
Tennessee	June and December	Continuously
Texas	Biannually	Quarterly
Utah	Annually, May	February, June, August and November
Vermont	January and June	Continuously
Virgin Islands	Twice annually	Twice annually
Virginia	June and December	June and December
Washington	January and July	Quarterly
West Virginia	January and July	Quarterly
Wisconsin	January and July	Quarterly
Wyoming	February, June, and October	February, June, and October

**Medical License Fees**

	Examination	Reciprocity or Endorsement
Alabama	\$25	\$100
Alaska	35	110
Arizona	50	150
Arkansas	50	100
California	40	100g
Canal Zone	50	10
Colorado	35	75
Connecticut	50	100i
Delaware	50	150
District of Columbia	50	50a
Florida	50	..
Georgia	20e	100
Guam	..	50
Hawaii	50	50
Idaho	25	150
Illinois	75	150
Indiana	25	100
Iowa	50	100
Kansas	50	b
Kentucky	50	75
Louisiana	25	100
Maine	100	100
Maryland	50	50
Massachusetts	75	75
Michigan	30	100
Minnesota	75	100
Mississippi	35	50
Missouri	50	100
Montana	75	100
Nebraska	50	50
Nevada	100	200
New Hampshire	30	50
New Jersey	60h	110
New Mexico	100	100
New York	40	40
North Carolina	50	100
North Dakota	100	100
Ohio	75	100
Oklahoma	25	100
Oregon	75f	100c
Pennsylvania	50	75
Puerto Rico	30	30
Rhode Island	50	50
South Carolina	50	100
South Dakota	40	90
Tennessee	50	100
Texas	50	100
Utah	25	50
Vermont	20	50
Virginia	50	100
Virgin Islands	65	65
Washington	25	25
West Virginia	25	100
Wisconsin	50d	100
Wyoming	75	75

- a. Endorsement fee, \$35.  
b. Sum equal to fee of endorsing state  
c. Endorsement fee, \$50.  
d. Foreign graduates, \$75.  
e. Nonresident, \$50.

- f. Foreign graduates, \$150. (Filing fee. \$25 Oral practical, \$50 Written examination, \$75.)  
g. Plus \$10 filing fee and \$20 initial fee.  
h. \$100 for graduates of foreign medical colleges.  
i. \$50 for National Board applicants.

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- South Dakota:** Dr. W. McA. Kliebacker, Secretary, 909 Mulberry St, Yankton 57078.
- Tennessee:** Dr. Roland H. Alden, Secretary, 62 S Dunlap St, Memphis 38103.
- Texas:** Mrs. Betty J. Anderson, Executive Secretary, 1012 Sam Houston State Office Bldg, Austin 78701.
- Utah:** Mr. Floy W. McGinn, Director, Department of Registration, 330 E 4th South, Salt Lake City 84111.
- Washington:** Mr. Max V. Brokaw, Administrator, P.O. Box 649, Olympia 98501.
- Wisconsin:** Dr. B. H. Kettelkamp, Secretary, P.O. Box 73, River Falls 54022.

**Citizenship Requirements for Permanent Licensure**

No Requirement		
California	Guam	Utah
Canal Zone	Maine	Virgin Islands
District of Columbia		Washington
Declaration of Intention		
Connecticut	Massachusetts	Pennsylvania
Hawaii	Minnesota	Rhode Island
Idaho	New Hampshire	South Dakota
Illinois	New Mexico	Texas
Indiana	New York	Vermont
Iowa	Oregon	Virginia
Maryland		Wisconsin
Full Citizenship		
Alabama	Kentucky	North Carolina
Alaska	Louisiana	North Dakota
Arizona	Michigan	Ohio
Arkansas	Mississippi <sup>2</sup>	Oklahoma
Colorado	Missouri	Puerto Rico
Delaware	Montana <sup>3</sup>	South Carolina
Florida	Nebraska	Tennessee
Georgia	Nevada <sup>3</sup>	West Virginia
Kansas	New Jersey	Wyoming

2-US citizenship not required of Canadian citizens.  
3-Declaration of Citizenship adequate for citizens of Canada.

**Basic-Science Registration Fees\***

Alabama	\$25 <sup>3</sup>	Nebraska	\$10 <sup>3</sup>
Alaska	25	Nevada	25
Arizona	20	New Mexico	50 <sup>4</sup>
Arkansas	25 <sup>1</sup>	Oklahoma	15 <sup>4</sup>
Colorado	25	Oregon	25
Connecticut	25	Rhode Island	10
Dist of Columbia	25	South Dakota	15 <sup>6</sup>
Florida	10	Tennessee	25 <sup>5</sup>
Iowa	20	Texas	25 <sup>2</sup>
Kansas	25	Utah	10
Michigan	10 <sup>6</sup>	Washington	10 <sup>6</sup>
Minnesota	25 <sup>2</sup>	Wisconsin	20

\*Fee of registration by examination and reciprocity (1) nonresidents \$50; (2) reciprocity \$50; (3) waiver \$15; (4) reciprocity and waiver \$75; (5) reciprocity \$10; (6) waiver \$25.

**States Requiring Annual or Biennial Registration**

State	Fee, \$	State	Fee, \$
Alabama	5.00a	Montana	10.00g
Alaska*	20.00	Nebraska	10.00
Arizona	5.00f	Nevada	10.00
Arkansas	b	New Hampshire*	5.00
California*	20.00	New Mexico	5.00d
Colorado		New York*	15.00
Connecticut*	10.00	North Carolina*	5.00
Delaware	15.00c	North Dakota	5.00
District of Columbia	5.00	Ohio*	10.00
Florida	10.00	Oklahoma	8.00
Georgia	3.00	Oregon	25.00h
Hawaii	5.00	Pennsylvania*	10.00
Idaho	10.00	Rhode Island	5.00
Illinois*	10.00	South Carolina*	5.00
Indiana*	d	South Dakota	5.00
Iowa	5.00	Tennessee	5.00
Kansas	10.00	Texas	10.00
Kentucky	No Fee	Utah	10.00
Louisiana	10.00	Vermont	2.00
Maine*	5.00d	Virginia	5.00
Maryland	5.00e	Washington	7.00
Michigan	5.00	West Virginia*	5.00
Minnesota	5.00	Wisconsin	5.00
Missouri	10.00	Wyoming	7.50

\*Biennial registration.  
a. Required by licensing board for the healing arts.  
b. Residents \$2, nonresidents \$4.  
c. State tax requirement.  
d. Residents \$5, nonresidents \$10.  
e. Every three years.  
f. Residents \$5, nonresidents \$20.  
g. Inactive or out-of-state, \$3.  
h. Residents \$25, nonresidents \$5.

**Policies by Licensing Boards in the United States for Citizens of Canada**

	Graduates of Approved Canadian Medical Schools Considered for Licensure by Examination on Same Basis as Graduates of Approved Medical Schools in US	Graduates of Approved Canadian Medical Schools Certified by Medical Council of Canada Acceptable for Licensure by Reciprocity or Endorsement	Canadian Internship Accepted as Equivalent to Internship Served in a Hospital in US	Citizenship
Alabama	X	..	X	X
Alaska	X	..	X	X
Arizona	X	X	X	X
Arkansas	X	X	X	X
California	X	..	X	..
Canal Zone	X	X	X	..
Colorado	X	..	X	X
Connecticut	X	X	X	D
Delaware	X	X	X	D
District of Columbia	X	..	X	..
Florida	X	..	X	X
Georgia	X	..	X	X
Guam	..	..	..	..
Hawaii	X	..	..	D
Idaho	X	..	X	D
Illinois	X	X	X	D
Indiana	X	..	X	D
Iowa	X	X	X	D
Kansas	X	..	X	X
Kentucky	X	..	X	X
Louisiana	X	..	X	X
Maine	X	X	X	..
Maryland	X	..	X	D
Massachusetts	X	..	X	D
Michigan	X	..	X	D
Minnesota	X	..	X	..
Mississippi	X	X	X	..
Missouri	X	X	X	X
Montana	X	..	X	D
Nebraska	X	..	X	D
Nevada	X	..	X	D
New Hampshire	X	..	X	D
New Jersey	X	..	X	X
New Mexico	X	..	X	D
New York	X	2	X	D
North Carolina	X	..	X	X <sup>1</sup>
North Dakota	X	..	X	..
Ohio	X	..	X	D
Oklahoma	X	..	X	X
Oregon	X	..	X	D
Pennsylvania	X	..	X	D
Puerto Rico	X	..	..	X
Rhode Island	X	..	X	D
South Carolina	X	..	X	X
South Dakota	X	..	X	D
Tennessee	X	..	X	X
Texas	X	3	..	D
Utah	X	..	X	..
Vermont	X	X	X	D
Virgin Islands	X	..	..	..
Virginia	X	..	X	D
Washington	X	..	X	..
West Virginia	X	..	X	X
Wisconsin	X	..	X	D
Wyoming	X	X	X	X <sup>1</sup>

X—Implies yes. D—Declaration of intention to become citizen of the United States.  
1—May be waived at discretion of the board.  
2—Partial—since 1956, must pass Group 1 and Pathology in New York State Examination. Recognized specialty board certificate may be accepted in lieu of required subjects.  
3—Must have provincial license by written examination.