



Accreditation Council for Graduate Medical Education

Plastic Surgery — Independent Case Logs

National Data Report

Prepared by: Department of Applications and Data Analysis

I. National Resident Statistics Main Table

- A. This main table provides a national picture of educational experiences. The report is ideal for establishing and assessing national policy related to resident practical experiences. Data is broken out by resident role.
- B. Descriptive statistics have been carefully chosen to provide the most useful information for judging performance at that national level.
 - i. "Natl Res AVE" — The national average describes the mean number of procedures performed per resident in the nation.
 - ii. "Natl Res STD" — The standard deviation indicates how tightly the scores are clustered around the mean in the set of data.
 - iii. "Natl Res MED" — The median value among procedure counts in the nation.
 - iv. "Natl Res MODE" — The most commonly occurring value among procedure counts in the nation.
 - v. "Natl Res MIN" — The minimum value among procedure counts in the nation.
 - vi. "Natl Res MAX" — The maximum value seen among procedure counts in the nation.
 - vii. "Natl Res SUM" — This statistics represents the sum of all procedure counts in the nation.

II. National Benchmark Table for Resident Statistics

The table displays selected percentile benchmarks of program averages. For example, a score at the 10th percentile indicates that 10% of residents achieved less than the value while the remaining 90% achieved more than the value.

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2008-2009

Residency Review Committee for Plastic Surgery - Independent

[PART 1]

All Programs in Nation: 72 All Residents in Nation: 155 ||| 2 Yr Prog: 47 2 Yr Res: 106 ||| 3 Yr Prog: 25 3 Yr Res: 49

		All						Two Year Programs						Three Year Programs						Min Req
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	--
RRC Area	RRC Procedure																			
Breast	Reduction	49.4	26	43	12	164	7,652	45.3	23	39	12	102	4,802	58.2	31	48	18	164	2,850	10
	Augmentation	35.6	23	28	6	135	5,512	35.0	22	28	6	119	3,707	36.8	25	32	12	135	1,805	10
	Reconstruction	153.1	73	147	36	410	23,733	137.6	55	135	36	315	14,588	186.6	93	157	62	410	9,145	20
	Other - Breast	41.3	24	35	12	201	6,395	39.3	21	35	12	113	4,168	45.4	31	41	12	201	2,227	.
	TOTAL - Breast	279.3	111	261	102	723	43,292	257.2	81	258	102	475	27,265	327.1	147	308	129	723	16,027	40
Burn	Operative	82.3	164	28	3	1,311	12,755	71.2	164	22	3	1,311	7,552	106.2	162	41	8	863	5,203	5
	Non-operative	9.3	14	5	0	95	1,437	7.6	9	4	0	46	802	13.0	20	5	0	95	635	2
	Reconstructive	55.1	59	37	5	381	8,538	45.6	40	37	5	224	4,832	75.6	85	49	7	381	3,706	5
	Other - Burn	0.0	0	0	0	0	0	0.0	0	0	0	0	0	0.0	0	0	0	0	0	.
	TOTAL - Burn	146.6	199	83	12	1,460	22,730	124.4	182	77	12	1,460	13,186	194.8	226	122	21	1,187	9,544	12
Congenital Defects of the Head & Neck	Cleft lip (primary)	15.6	11	13	1	86	2,419	14.5	10	12	1	57	1,535	18.0	13	15	6	86	884	6
	Cleft palate (primary)	14.6	10	12	3	59	2,270	12.7	7	10	4	43	1,347	18.8	13	15	3	59	923	6
	Cleft lip or palate (secondary)	13.4	10	11	1	74	2,077	12.1	7	10	1	44	1,281	16.2	14	12	6	74	796	6
	Other - Congenital Defects Head & Neck	35.2	21	30	6	99	5,459	32.6	19	29	6	99	3,451	41.0	22	35	6	92	2,008	6
	TOTAL - Congenital Defects Head & Neck	78.9	42	71	22	238	12,225	71.8	35	63	22	173	7,614	94.1	53	78	25	238	4,611	24

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT REPORT (Main Table)

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Residency Review Committee for Plastic Surgery - Independent

[PART 2]

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		All						Two Year Programs						Three Year Programs						Min Req
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	--
RRC Area	RRC Procedure																			
Cosmetic	Facelift	21.1	15	17	3	108	3,274	18.1	11	16	3	61	1,923	27.6	19	22	8	108	1,351	7
	Blepharoplasty	30.3	21	25	6	125	4,689	25.5	14	24	6	70	2,704	40.5	29	31	10	125	1,985	8
	Rhinoplasty	18.9	13	15	4	82	2,932	17.2	11	14	4	82	1,822	22.7	14	18	6	73	1,110	6
	Body contouring: abdominoplasty	54.4	33	48	12	264	8,436	51.9	27	48	13	147	5,502	59.9	42	49	12	264	2,934	5
	Body contouring: suction lipectomy	42.0	25	34	9	141	6,510	42.0	25	35	9	141	4,448	42.1	25	33	14	129	2,062	10
	Other - Cosmetic	11.8	7	11	0	56	1,836	11.5	7	11	0	40	1,224	12.5	9	10	3	56	612	9
	TOTAL - Cosmetic	178.6	85	157	39	515	27,677	166.3	68	150	39	424	17,623	205.2	109	171	73	515	10,054	45
Facial Trauma	Nasal fracture	12.5	7	11	3	37	1,934	12.0	7	11	3	35	1,275	13.4	7	12	4	37	659	3
	Mandibular fracture	20.6	14	17	2	71	3,187	20.8	15	18	2	71	2,208	20.0	13	15	5	50	979	4
	Facial laceration	36.9	28	28	6	157	5,713	35.8	25	30	6	137	3,790	39.2	33	26	7	157	1,923	5
	Zygomatic, orbital fractures	21.6	13	18	6	74	3,354	20.9	13	18	6	74	2,220	23.1	13	22	7	74	1,134	6
	Maxillary fractures	6.7	5	6	1	33	1,041	6.7	5	5	1	33	710	6.8	4	6	2	18	331	3
	Other - Facial Trauma	13.1	7	11	1	54	2,038	13.2	8	12	1	54	1,394	13.1	7	11	4	34	644	9
	TOTAL - Facial Trauma	111.4	52	98	39	296	17,267	109.4	50	98	39	276	11,597	115.7	58	107	47	296	5,670	30
Head & Neck Neoplasms	Other - Head & Neck Neoplasms	49.5	24	47	15	153	7,678	46.0	21	42	15	125	4,879	57.1	28	55	18	153	2,799	.
	TOTAL - Head & Neck Neoplasms	49.5	24	47	15	153	7,678	46.0	21	42	15	125	4,879	57.1	28	55	18	153	2,799	15

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT REPORT (Main Table)

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Residency Review Committee for Plastic Surgery - Independent

[PART 3]

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		All						Two Year Programs						Three Year Programs						Min Req
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	--
RRC Area	RRC Procedure																			
Hand	Skin repair	23.4	17	19	1	102	3,621	22.7	16	19	1	102	2,405	24.8	19	19	4	97	1,216	10
	Fingertip injury	19.9	15	15	3	102	3,090	18.8	12	15	3	54	1,998	22.3	19	15	6	102	1,092	5
	Tendon, flexor	46.8	32	38	11	260	7,261	41.9	23	36	11	127	4,445	57.5	45	44	13	260	2,816	15
	Nerve repair	22.2	18	17	2	142	3,443	19.8	12	17	2	71	2,096	27.5	26	21	5	142	1,347	5
	Fracture/dislocation	41.5	22	37	13	182	6,430	40.3	18	37	13	98	4,276	44.0	29	37	15	182	2,154	15
	Release contracture, joint & tendon	13.9	9	11	0	53	2,157	12.6	8	10	0	45	1,337	16.7	10	15	4	53	820	5
	Amputation	12.9	8	10	4	49	1,997	11.4	7	9	4	43	1,209	16.1	10	13	5	49	788	5
	Dupuytren's	6.7	5	5	0	21	1,041	6.7	5	5	2	21	707	6.8	5	6	0	19	334	2
	Nerve decompression	32.9	24	27	5	155	5,096	30.3	25	23	5	155	3,214	38.4	21	36	6	96	1,882	5
	Other - Hand	91.6	43	78	38	273	14,194	85.0	37	74	40	205	9,015	105.7	52	91	38	273	5,179	48
	TOTAL - Hand	311.8	139	287	132	1,088	48,330	289.6	107	272	132	636	30,702	359.8	184	306	159	1,088	17,628	115
Lower Extremity	Flap	23.1	16	20	5	134	3,574	22.5	17	18	5	134	2,382	24.3	11	22	10	57	1,192	10
	Other - Lower Extremity	36.9	36	26	4	307	5,715	37.6	42	25	4	307	3,987	35.3	21	29	5	96	1,728	10
	TOTAL - Lower Extremity	59.9	49	49	14	423	9,289	60.1	57	44	14	423	6,369	59.6	27	52	17	138	2,920	20
Skin Neoplasm	Malignant	53.4	44	41	10	325	8,280	46.1	26	39	10	133	4,891	69.2	65	45	19	325	3,389	20
	Non-malignant	64.5	36	55	13	232	9,996	60.1	31	54	13	172	6,372	74.0	45	59	22	232	3,624	10
	TOTAL - Skin Neoplasm	117.9	66	99	42	434	18,276	106.3	50	96	42	291	11,263	143.1	87	116	48	434	7,013	30

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT REPORT (Main Table)
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Residency Review Committee for Plastic Surgery - Independent

[PART 4]

All Programs in Nation: 72 All Residents in Nation: 155 ||| 2 Yr Prog: 47 2 Yr Res: 106 ||| 3 Yr Prog: 25 3 Yr Res: 49

		All						Two Year Programs						Three Year Programs						Min Req
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	--
RRC Area	RRC Procedure																			
Trunk	Pressure sore, flap	16.1	11	14	0	97	2,498	15.0	12	13	0	97	1,587	18.6	11	16	4	44	911	5
	Thoracic or abdominal flaps	33.4	19	31	7	169	5,177	29.2	11	29	7	66	3,096	42.5	27	36	12	169	2,081	10
	Other - Trunk	14.0	7	13	1	44	2,175	13.3	7	13	1	44	1,410	15.6	7	14	2	34	765	10
	TOTAL - Trunk	63.5	28	60	10	213	9,850	57.5	22	57	10	165	6,093	76.7	35	70	26	213	3,757	25
TOTAL INDEX PROCS	TOTAL OF INDEX PROCS	1,397.5	446	1,353	670	3,365	216,614	1,288.6	345	1,228	670	2,726	136,591	1,633.1	542	1,578	824	3,365	80,023	900

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2008-2009

Residency Review Committee for Plastic Surgery - Independent

[PART 5]

All Programs in Nation: 72 All Residents in Nation: 155 ||| 2 Yr Prog: 47 2 Yr Res: 106 ||| 3 Yr Prog: 25 3 Yr Res: 49

		All						Two Year Programs						Three Year Programs						Min Req
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MIN	Natl Res MAX	Natl Res SUM	--
RRC Area	RRC Procedure																			
METHOD GROUPS	Free tissue transfer	32.4	20	29	6	120	5,027	28.3	17	24	6	98	3,003	41.3	22	42	11	120	2,024	10
	Laser	10.3	9	8	0	51	1,597	9.7	8	7	0	48	1,031	11.6	11	8	0	51	566	5
	Flaps	156.1	52	150	80	335	24,202	141.9	46	133	80	335	15,042	186.9	52	176	93	328	9,160	40
	Graft, bone	14.2	8	12	2	40	2,196	13.2	8	12	2	37	1,403	16.2	9	14	3	40	793	2
	Graft, skin	120.3	89	98	17	588	18,646	110.6	90	84	17	588	11,725	141.2	85	128	40	458	6,921	10
	Graft, other	21.7	24	18	3	238	3,365	17.9	10	18	3	71	1,897	30.0	39	21	4	238	1,468	3
	Implant	87.7	35	80	36	195	13,591	82.9	30	75	36	189	8,790	98.0	42	88	37	195	4,801	5
	Tissue expansion	33.4	16	31	6	74	5,175	33.4	17	30	6	74	3,539	33.4	14	32	13	73	1,636	5
	TOTAL OF METHOD GROUPS	476.1	152	443	223	1,010	73,799	438.0	129	418	223	991	46,430	558.6	167	565	258	1,010	27,369	80

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2008-2009

Residency Review Committee for Plastic Surgery - Independent

[PART 1]

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		All						Two Year Programs						Three Year Programs					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Breast	Reduction	21	29	32	43	59	84	19	27	31	39	53	81	28	32	37	48	73	94
	Augmentation	14	17	20	28	45	68	14	17	20	28	46	64	15	17	19	32	43	69
	Reconstruction	71	98	111	147	174	252	67	89	109	135	164	202	78	106	129	157	232	345
	Other - Breast	16	22	27	35	49	69	16	23	26	35	46	65	16	22	29	41	51	73
	TOTAL - Breast	153	195	217	261	313	443	153	190	215	258	289	357	149	199	218	308	413	551
Burn	Operative	8	11	16	28	61	168	7	10	12	22	47	128	10	16	22	41	112	327
	Non-operative	2	3	3	5	8	21	2	2	3	4	7	17	2	3	3	5	9	38
	Reconstructive	10	17	26	37	58	119	10	15	23	37	56	91	16	25	31	49	69	181
	Other - Burn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL - Burn	30	42	53	83	134	285	27	36	46	77	122	256	42	50	69	122	218	416
Congenital Defects of the Head & Neck	Cleft lip (primary)	6	8	10	13	17	29	6	7	8	12	16	26	7	10	12	15	17	32
	Cleft palate (primary)	6	7	8	12	16	24	6	7	7	10	15	23	7	9	10	15	21	43
	Cleft lip or palate (secondary)	6	7	8	11	14	23	6	7	8	10	13	23	6	8	10	12	15	27
	Other - Congenital Defects Head & Neck	13	19	23	30	39	69	13	19	21	29	37	64	13	24	29	35	47	75
	TOTAL - Congenital Defects Head & Neck	37	46	53	71	88	140	37	44	49	63	83	128	39	56	68	78	100	180

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		All						Two Year Programs						Three Year Programs					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Cosmetic	Facelift	8	11	13	17	23	37	7	10	11	16	20	29	10	13	17	22	30	55
	Blepharoplasty	11	15	18	25	34	58	10	13	17	24	30	44	14	17	20	31	47	86
	Rhinoplasty	7	9	11	15	21	33	7	9	10	14	20	32	9	13	15	18	25	51
	Body contouring: abdominoplasty	23	30	36	48	62	92	22	28	34	48	62	87	24	32	37	49	63	107
	Body contouring: suction lipectomy	15	20	24	34	51	81	15	20	23	35	53	81	18	20	26	33	48	81
	Other - Cosmetic	5	8	9	11	12	19	3	7	9	11	12	19	5	8	9	10	13	21
	TOTAL - Cosmetic	99	113	131	157	200	274	98	110	120	150	197	247	101	120	138	171	229	395
Facial Trauma	Nasal fracture	5	7	8	11	15	21	5	7	8	11	15	20	6	7	10	12	16	23
	Mandibular fracture	6	9	12	17	24	38	6	9	13	18	24	41	7	9	11	15	24	38
	Facial laceration	12	16	19	28	42	69	12	16	20	30	42	68	12	16	18	26	48	86
	Zygomatic, orbital fractures	8	10	12	18	26	39	8	10	11	18	25	38	9	11	14	22	27	41
	Maxillary fractures	3	4	4	6	7	12	3	4	4	5	7	12	3	3	4	6	8	12
	Other - Facial Trauma	6	9	10	11	14	23	5	9	10	12	14	23	7	9	10	11	14	23
	TOTAL - Facial Trauma	55	71	83	98	127	180	54	74	83	98	122	180	57	64	81	107	135	180
Head & Neck Neoplasms	Other - Head & Neck Neoplasms	23	31	37	47	58	77	23	30	34	42	51	73	22	33	45	55	66	83
	TOTAL - Head & Neck Neoplasms	23	31	37	47	58	77	23	30	34	42	51	73	22	33	45	55	66	83

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		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Hand	Skin repair	11	12	14	19	25	40	10	12	13	19	25	40	11	12	14	19	26	45
	Fingertip injury	8	9	11	15	23	39	8	9	10	15	23	39	7	9	13	15	24	39
	Tendon, flexor	17	25	29	38	52	83	17	24	26	36	51	73	22	28	32	44	60	118
	Nerve repair	7	10	12	17	27	40	7	10	12	17	25	37	6	10	11	21	31	63
	Fracture/dislocation	19	24	29	37	49	70	19	24	29	37	50	66	19	24	29	37	49	81
	Release contracture, joint & tendon	5	7	8	11	17	27	5	6	7	10	16	25	6	8	10	15	22	31
	Amputation	6	7	8	10	14	23	6	6	7	9	13	19	6	9	10	13	19	32
	Dupuytren's	2	3	3	5	8	15	2	3	3	5	7	15	2	3	4	6	8	16
	Nerve decompression	11	15	19	27	36	68	10	13	16	23	31	68	15	21	25	36	46	72
	Other - Hand	51	57	63	78	99	152	50	56	61	74	92	142	51	64	72	91	114	191
	TOTAL - Hand	173	195	232	287	346	473	172	191	223	272	327	460	188	227	260	306	379	665
Lower Extremity	Flap	11	13	15	20	25	36	10	13	15	18	24	35	13	14	16	22	27	43
	Other - Lower Extremity	11	16	19	26	42	70	11	15	18	25	42	70	11	19	22	29	42	70
	TOTAL - Lower Extremity	26	33	39	49	65	103	25	32	35	44	64	105	28	41	45	52	66	101
Skin Neoplasm	Malignant	22	25	28	41	57	100	22	25	27	39	52	91	22	25	34	45	70	151
	Non-malignant	26	36	42	55	78	114	25	33	41	54	75	99	28	39	49	59	82	148
	TOTAL - Skin Neoplasm	51	65	79	99	131	194	50	62	70	96	126	167	61	73	95	116	170	265

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		All						Two Year Programs						Three Year Programs					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Trunk	Pressure sore, flap	5	7	9	14	19	29	5	7	8	13	18	26	7	8	10	16	24	39
	Thoracic or abdominal flaps	15	20	23	31	38	50	15	19	22	29	35	46	19	22	27	36	49	68
	Other - Trunk	7	10	11	13	16	22	7	10	11	13	15	19	10	10	11	14	18	24
	TOTAL - Trunk	34	42	49	60	71	98	33	39	44	57	65	83	42	47	56	70	85	118
TOTAL INDEX PROCS	TOTAL OF INDEX PROCS	932	1,050	1,120	1,353	1,551	1,896	894	1,015	1,078	1,228	1,458	1,667	1,069	1,204	1,338	1,578	1,746	2,408

PLASTIC SURGERY - INDEPENDENT: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2008-2009

Residency Review Committee for Plastic Surgery - Independent

[PART 5]

All Programs in the Nation: 72 All Residents in the Nation: 155 ||| 2 Yr Prog: 47 2 Yr Res: 106 ||| 3 Yr Prog: 25 3 Yr Res: 49

		All						Two Year Programs						Three Year Programs					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
METHOD GROUPS	Free tissue transfer	12	16	19	29	41	56	11	15	18	24	35	46	14	20	28	42	49	70
	Laser	4	5	6	8	11	20	3	5	5	7	11	19	5	5	6	8	10	23
	Flaps	100	110	121	150	174	228	95	103	114	133	162	190	128	136	154	176	222	261
	Graft, bone	5	8	9	12	16	27	5	8	9	12	15	26	5	9	11	14	20	29
	Graft, skin	45	57	66	98	136	221	44	51	61	84	122	209	52	77	91	128	158	227
	Graft, other	9	11	12	18	23	32	8	10	11	18	21	30	10	13	14	21	27	45
	Implant	46	59	64	80	103	135	47	60	64	75	96	123	45	58	63	88	124	161
	Tissue expansion	14	19	24	31	42	57	13	18	23	30	44	57	18	19	25	32	37	51
	TOTAL OF METHOD GROUPS	308	344	384	443	538	681	306	335	367	418	466	605	344	421	469	565	605	802