



Accreditation Council for Graduate Medical Education

General Surgery Case Logs

National Data Report

Prepared by: Department of Applications and Data Analysis

- I. National Resident Statistics Main Table
 - A. The 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 role (surgeon, assistant, etc).
 - B. Descriptive statistics have been carefully chosen to provide the most useful information for judging performance at the 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 a set of data.
 - iii. "Natl Res MAX" - This statistics represents the maximum value seen among procedure counts.
- II. National Benchmark Table for Program Statistics

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

GENERAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2012-2013
Residency Review Committee for Surgery
Report Date: September 26, 2013

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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,098

		Surgeon Chief			Surgeon Junior			Surgeon Total		
		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
SKIN/SOFT TIS	MAJ LYMPHADENECTOMIES	0.9	1	16	2.8	3	31	3.6	3	35
	MAJ EXC & REP/GRAFT FOR SKIN NEOPLASM	2.0	3	35	8.5	8	109	10.5	9	111
	SENTINEL LYMPH NODE BIOPSY FOR MELANOMA	0.7	2	39	2.4	3	22	3.1	3	40
	RAD EXCIS SOFT TIS TUMOR	0.6	1	14	1.6	3	42	2.2	3	50
	PILONIDAL CYSTECTOMY	0.6	1	7	3.9	3	22	4.4	3	25
	OTHER MAJOR SKIN/SOFT TIS	4.1	5	55	18.3	12	76	22.4	14	100
	Subtotal - SKIN/SOFT TIS	8.9	7	60	37.5	17	175	46.4	20	186
HEAD/NECK	RESECT LESION-LIPS	0.0	0	2	0.1	0	4	0.1	0	4
	RESECT LESION-TONGUE	0.0	0	2	0.2	1	7	0.2	1	7
	RESECT LESION-FLOOR MOUTH/BUCCAL MUC	0.0	0	2	0.1	0	6	0.1	0	6
	PAROTIDECTOMY	0.2	1	5	0.5	1	10	0.7	1	10
	RESECT OTHER SALIVARY GLND	0.0	0	5	0.2	0	4	0.2	1	6
	RADICAL NECK DISSECT	0.4	1	10	0.9	2	19	1.3	2	19
	RESECT MANDIBLE/MAXILLA	0.0	0	5	0.0	0	2	0.0	0	5
	TRACHEOSTOMY	2.0	3	18	12.9	10	119	14.9	11	129
	OTHER MAJOR HEAD/NECK	0.9	1	27	5.2	4	31	6.1	4	36
	Subtotal - HEAD/NECK	3.5	3	31	20.1	12	124	23.6	14	134
BREAST	BREAST BIOPSY	1.5	3	24	15.9	13	82	17.4	14	85
	SENTINEL LYMPH NODE BIOPSY (BREAST)	0.8	2	20	4.6	5	30	5.3	6	35
	SIMPLE MASTECTOMY	1.8	3	26	8.7	6	49	10.5	7	64
	MOD RAD MASTECTOMY	1.0	2	18	4.8	4	26	5.8	4	27
	RADICAL MASTECTOMY	0.1	0	4	0.1	0	6	0.2	1	6
	EXC BX/QUADRANT EXC W/WO AX SAMPLING	2.2	4	29	15.2	12	87	17.5	13	88
	BREAST RECONSTRUCTION	0.4	2	36	4.3	7	53	4.7	7	63
	OTHER MAJOR BREAST	0.3	1	5	2.0	2	12	2.3	2	14
Subtotal - BREAST	8.1	10	81	55.7	25	163	63.7	28	241	

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RRC Area	RRC Procedure										
ALIM TR-ESOPHAGUS	ESOPHAGECTOMY	0.4	1	9	0.5	1	9	1.0	2	13	
	ESOPHAGO-GASTRECTOMY	0.4	1	9	0.6	1	9	1.0	1	11	
	ANTIREFLUX PROC-OPEN	0.5	1	8	0.9	1	14	1.4	2	16	
	ANTIREFLUX PROC-LAPAROSCOPIC	3.2	4	24	3.2	4	30	6.3	6	38	
	ESOPHAGEAL BYPASS PROCEDURE	0.0	0	7	0.1	0	9	0.1	1	16	
	REPAIR OF PERF-ESOPH DISEASE	0.0	0	1	0.0	0	2	0.0	0	2	
	OTHER OPS FOR ESOPHAGEAL STENOSIS	0.1	0	5	0.1	0	4	0.2	1	5	
	ESOPHAGEAL DIVERTICULECTOMY	0.0	0	2	0.1	0	2	0.2	0	3	
	OTHER MAJOR ESOPHAGUS	0.1	0	2	0.2	1	4	0.3	1	4	
	Subtotal - ALIM TR-ESOPHAGUS		4.8	5	34	5.7	5	35	10.5	8	61
ALIM TR-STOMACH	GASTROSTOMY (ALL TYPES)-OPEN	1.0	1	11	3.6	3	36	4.7	4	42	
	GASTROSTOMY (ALL TYPES)-LAPAROSCOPIC	0.5	1	11	2.1	3	24	2.7	3	24	
	GASTRIC RESECT, PARTIAL-OPEN	1.8	2	12	1.6	2	20	3.4	3	20	
	GASTRIC RESECT, PARTIAL-LAPAROSCOPIC	4.2	7	72	5.2	8	54	9.4	12	79	
	GASTRIC RESECT, TOTAL	0.6	1	6	0.4	1	11	1.0	1	15	
	VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-OPEN	0.1	0	5	0.2	0	3	0.3	1	5	
	VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-LAPAR	0.0	0	1	0.0	0	1	0.0	0	1	
	REPAIR PERF-GASTRIC DIS	0.7	1	6	1.3	1	8	2.0	2	9	
	PROX GAST VAGOTOMY, HIGHLY SELECT-OPEN	0.0	0	1	0.0	0	1	0.0	0	1	
	PROX GAST VAGOTOMY, HIGHLY SELECT-LAPAR	0.0	0	1	0.0	0	1	0.0	0	1	
	GASTRIC REDUC FOR MORBID OBESITY (ALL)	1.1	3	27	2.0	4	56	3.1	6	56	
	GASTRIC REDUC FOR MORBID OBESITY-LAP	0.9	2	25	3.4	7	83	4.3	8	99	
	OTHER MAJOR STOMACH [no open/close dist]	1.1	1	11	2.2	2	15	3.3	3	23	
	Subtotal - ALIM TR-STOMACH		12.1	10	93	21.9	15	114	34.0	20	165

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RRC Area	RRC Procedure										
ALIM TR-SMALL INT	ENTEROLYSIS - OPEN	2.0	2	17	4.0	5	57	6.0	6	66	
	ENTEROLYSIS-LAPAROSCOPIC	1.5	2	23	2.1	3	34	3.5	4	37	
	ENTERECTOMY - OPEN	6.0	4	28	10.9	6	33	16.9	8	51	
	ENTERECTOMY-LAPAROSCOPIC	0.5	1	12	0.7	2	28	1.2	2	40	
	REPAIR PERF-DUODENAL DIS	0.2	1	4	0.2	0	4	0.4	1	5	
	REPAIR PERF-SMALL BOWEL DIS	1.0	1	8	2.2	2	13	3.2	2	13	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-OPEN	0.7	1	6	1.5	2	19	2.3	2	20	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-LAP	0.6	1	10	0.7	1	9	1.3	2	19	
	DIVERTICULECTOMY	0.1	0	3	0.4	1	6	0.5	1	6	
	OTHER MAJOR SMALL INT	0.9	1	11	2.0	2	13	2.9	2	17	
	Subtotal - ALIM TR-SMALL INT		13.5	7	59	24.8	12	91	38.2	15	113
	ALIM TR-LARGE INT	APPENDECTOMY-OPEN	1.2	2	13	10.6	9	82	11.8	10	82
APPENDECTOMY-LAPAROSCOPIC		8.4	7	58	43.5	22	160	52.0	25	179	
COLOSTOMY (ALL TYPES)		2.0	2	11	4.1	3	17	6.1	3	20	
COLOSTOMY CLOSURE		1.6	2	19	2.7	3	21	4.3	4	30	
COLECTOMY/PROCTECTOMY-OPEN		14.2	7	47	21.6	10	62	35.7	14	86	
COLECTOMY/PROCTECTOMY-LAPAROSCOPIC		9.6	8	66	10.1	8	73	19.7	13	114	
COLECTOMY W/ ILEOANAL PULL-THRU		0.2	1	5	0.3	1	6	0.5	1	6	
COLECTOMY W/ CONTINENT RECONSTRUCT		0.2	0	5	0.4	1	25	0.6	1	27	
ABDOMINO-PERINEAL RESECTION		1.3	2	12	1.3	2	11	2.7	3	22	
TRANSANAL RECTAL TUMOR EXCISION		0.5	1	9	1.1	2	14	1.5	2	19	
REPAIR PERF-COLON DIS		0.3	1	4	0.5	1	7	0.8	1	9	
OTHER MAJOR LARGE INT		0.3	1	9	0.5	1	6	0.8	1	10	
Subtotal - ALIM TR-LARGE INT			39.7	17	146	96.7	35	264	136.4	41	300

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RRC Area	RRC Procedure									
ALIM TR-ANO-RECTAL	HEMORRHOIDECTOMY (ALL)	1.7	3	29	7.1	5	50	8.8	6	77
	SPHINCTEROTOMY/SPHINCTEROPLASTY	0.4	1	10	1.6	2	17	1.9	2	22
	DRAINAGE PROC FOR ANORECTAL ABSCESS	1.2	2	13	5.7	4	37	6.9	5	39
	REPAIR ANORECTAL FISTULA	0.3	1	7	0.9	1	12	1.3	2	14
	OTHER OPERATIONS FOR ANAL INCONTINENCE	0.1	0	3	0.1	0	5	0.2	1	6
	REPAIR RECTAL PROLAPSE	0.5	1	5	0.7	1	13	1.2	1	13
	OTHER MAJOR ANO-RECTAL	2.0	3	17	6.4	5	45	8.4	6	45
	Subtotal - ALIM TR-ANO-RECTAL	6.2	6	44	22.5	13	124	28.7	15	147
ABDOMEN-GENERAL	EXP LAP EXCLUSIVE OF TRAUMA-OPEN	6.4	5	39	11.9	8	78	18.3	11	108
	EXP LAP EXCLUSIVE OF TRAUMA-LAPAR	2.9	3	26	6.4	5	41	9.3	6	50
	DRAINAGE INTRA-ABDOMINAL ABSCESS	0.3	1	11	1.0	2	23	1.3	2	32
	MAJ RETROPERIT/PELVIC NODE DISSEC-OPEN	0.2	0	4	0.2	1	5	0.3	1	5
	OTHER MAJOR AB-GENERAL-LAP COMPLEX	0.4	1	7	0.4	1	8	0.8	1	8
	OTHER MAJOR AB-GENERAL	1.4	2	14	2.2	2	24	3.5	3	26
	Subtotal - ABDOMEN-GENERAL	11.5	7	47	22.0	11	97	33.6	15	144
ABDOMEN-LIVER	LOBECTOMY OR SEGMENTECTOMY	2.8	3	26	2.3	3	21	5.2	4	28
	WEDGE RESECTION/OPEN BIOPSY	0.8	1	9	1.4	2	13	2.2	2	17
	DRAINAGE LIVER ABSCESS	0.2	0	3	0.3	1	3	0.5	1	4
	OTHER MAJOR LIVER	0.7	1	12	1.1	2	16	1.8	2	19
	Subtotal - ABDOMEN-LIVER	4.5	4	29	5.1	4	28	9.6	6	40

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RRC Area	RRC Procedure									
ABDOMEN-BILIARY	CHOLECYSTOSTOMY	0.1	0	3	0.2	1	24	0.3	1	27
	CHOLECYSTECTOMY W/WO OPER GRAMS-OPEN	2.6	2	15	6.9	4	54	9.5	5	58
	CHOLECYSTECTOMY W/WO OPER GRAMS-LAPAR	26.6	15	142	83.7	35	274	110.3	42	309
	COMMON BILE DUCT EXPLOR-OPEN	0.4	1	6	0.5	1	15	0.9	1	15
	COMMON BILE DUCT EXPLOR-LAPAR	0.2	1	7	0.5	1	11	0.7	1	17
	CHOLEDOCHOENTERIC ANASTOMOSIS	0.9	1	9	0.9	1	14	1.8	2	14
	SPHINCTEROPLASTY (ODDI)	0.1	0	3	0.1	0	4	0.1	0	5
	OTHER MAJOR BILIARY	0.2	1	41	0.3	1	6	0.4	1	41
	Subtotal - ABDOMEN-BILIARY	31.1	16	151	93.0	37	295	124.1	43	335
ABDOMEN-PANCREAS	DRAINAGE PANCREATIC ABSCESS	0.1	0	3	0.1	0	3	0.1	0	3
	RESECTION FOR PANCREATIC NECROSIS	0.4	1	8	0.4	1	16	0.8	1	16
	PANC RESECTION, DISTAL	1.8	2	18	1.1	1	10	2.8	3	19
	PANC RESECTION, WHIPPLE	3.5	4	28	1.6	2	25	5.1	5	36
	PANC RESECTION, TOTAL	0.2	1	5	0.1	0	5	0.3	1	6
	DRAINAGE PSEUDOCYST (ALL TYPES)	0.4	1	5	0.3	1	7	0.7	1	12
	PANCREATICOJEJUNOSTOMY	0.2	1	5	0.1	0	3	0.3	1	5
	OTHER MAJOR PANCREAS	0.4	1	4	0.3	1	4	0.6	1	5
	Subtotal - ABDOMEN-PANCREAS	6.9	6	40	4.0	4	33	10.8	8	59
ABDOMEN-SPLEEN	SPLENECTOMY FOR DISEASE-OPEN	0.7	1	6	0.8	1	7	1.5	1	9
	SPLENECTOMY FOR DISEASE-LAPAR	0.7	1	5	0.7	1	6	1.4	1	9
	Subtotal - ABDOMEN-SPLEEN	1.3	1	9	1.5	1	10	2.9	2	15
ABDOMEN-HERNIA	INGUINAL-FEMORAL (ALL)-OPEN	9.2	7	61	39.4	16	107	48.6	18	141
	INGUINAL-FEMORAL (ALL)-LAPAROS	10.5	9	53	17.7	13	93	28.2	18	117
	VENTRAL	10.4	6	42	34.0	13	124	44.4	16	131
	OTHER MAJOR HERNIAS	0.1	0	3	0.4	1	4	0.5	1	4
	Subtotal - ABDOMEN-HERNIA	30.2	16	134	91.5	30	278	121.7	35	312

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RRC Area	RRC Procedure										
VASC - ANEURYSM REPAIR	OPEN REPAIR INFRARENAL A-I ANEURYSM, RUPTURED	0.1	0	3	0.2	1	4	0.4	1	4	
	OPEN REPAIR INFRARENAL A-I ANEURYSM, ELECTIVE	0.4	1	12	0.8	1	15	1.3	2	19	
	ENDOVASCULAR REPAIR ABD AORTIC/ILIAC ANEURYSM	1.1	2	34	2.2	3	23	3.3	4	34	
	ENDOVASCULAR REPAIR OF ILIAC ARTERY	0.0	0	4	0.1	0	6	0.2	1	6	
	REPAIR SUPRARENAL AORTIC ANEURYSM	0.0	0	5	0.1	0	3	0.1	0	5	
	REPAIR THORACIC AORTIC ANEURYSM	0.0	0	2	0.0	0	2	0.0	0	2	
	ENDOVASCULAR REPAIR THORACIC AORTIC ANEURYSM	0.1	1	6	0.2	1	5	0.4	1	7	
	REPAIR THORACOABDOMINAL AORTIC ANEURYSM	0.0	0	2	0.1	0	8	0.1	0	8	
	REPAIR FEMORAL ANEURYSM	0.2	1	6	0.6	1	6	0.7	1	8	
	REPAIR POPLITEAL ANEURYSM	0.1	0	3	0.2	0	3	0.3	1	4	
	REPAIR OTHER ANEURYSM - DEF CAT CREDIT	0.0	0	3	0.1	0	3	0.1	0	3	
	REPAIR OTHER ANEURYSM	0.0	0	0	0.0	0	0	0.0	0	0	
	Subtotal - VASC-ANEURYSM REPAIR		2.3	4	62	4.6	5	33	6.9	7	67
	VASC - CEREBROVASCULAR	CAROTID ENDARTERECTOMY	3.4	5	43	7.3	6	61	10.7	9	62
REOPERATIVE CAROTID SURGERY		0.0	0	2	0.0	0	2	0.0	0	2	
TRANSCATHETER PLACEMENT CAROTID ARTERY STENT		0.1	0	12	0.1	0	5	0.2	1	12	
EXCISE CAROTID BODY TUMOR		0.0	0	1	0.0	0	2	0.1	0	2	
VERTEBRAL BYPASS OR REIMPLANTATION /TRANSPOSITION		0.0	0	1	0.0	0	5	0.0	0	5	
DIRECT REPAIR AORTIC ARCH BRANCHES		0.0	0	2	0.0	0	2	0.0	0	2	
TRANSLUMINAL BALLOON ANGIOPLASTY - BRACHIOCEPHALIC		0.0	0	2	0.3	1	17	0.3	1	17	
TRANSLUMINAL ATHERECTOMY - BRACHIOCEPHALIC		0.0	0	0	0.0	0	2	0.0	0	2	
TRANSCATHETER PLACE OF INTRAVASC STENT, NONCOR.		0.0	0	2	0.0	0	1	0.0	0	2	
CERVICAL BYPASS AORTIC ARCH BRANCHES		0.2	1	6	0.3	1	6	0.5	1	9	
EMBOLECTOMY/THROMBECTOMY BY NECK OR THORACIC INCIS		0.0	0	5	0.1	1	16	0.2	1	16	
OTHER MAJOR CEREBROVASCULAR - DEF CAT CREDIT		0.0	0	2	0.1	0	6	0.1	0	6	
Subtotal - VASC-CEREBROVASCULAR			3.8	5	43	8.3	7	64	12.1	9	65

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RRC Area	RRC Procedure									
VASC - PERIPH OBSTRUCTIVE	AORTO-ILIO/FEMORAL ENDARTERECTOMY	0.2	1	9	0.3	1	11	0.5	1	12
	AORTO-ILIO/FEMORAL BYPASS, PROSTHETIC	0.5	1	9	0.8	1	10	1.3	2	11
	AORTO-ILIO/FEMORAL BYPASS, VEIN	0.0	0	6	0.1	0	4	0.1	0	6
	TRANSLUMINAL BALLOON ANGIOPLASTY AORTA OR ILIAC	0.1	0	5	0.5	1	10	0.6	1	11
	TRANSLUMINAL ATHERECTOMY AORTA OR ILIAC	0.0	0	1	0.0	0	2	0.0	0	2
	TRANSCATHETER PLACEMENT INTRAVASC STENT AORTA	0.1	0	4	0.5	1	20	0.5	1	20
	ILIO-ILIAC/FEMORAL ENDARTERECTOMY	0.1	0	5	0.3	1	8	0.4	1	8
	EXCISE INFECTED GRAFT, ABDOMEN OR CHEST	0.0	0	2	0.0	0	4	0.1	0	4
	REPAIR GRAFT-ENTERIC/AORTO-ENTERIC FISTULA	0.0	0	1	0.0	0	3	0.0	0	3
	FEMORAL, PROFUNDA ENDARTERECTOMY	0.5	1	9	1.3	2	11	1.8	2	13
	FEMORAL-POPLITEAL BYPASS, VEIN	0.8	1	17	1.7	2	22	2.5	3	22
	FEMORAL-POPLITEAL BYPASS, PROSTHETIC	0.6	1	17	1.5	2	16	2.1	3	27
	TRANSLUMINAL BALLOON ANGIOPLASTY FEMORAL-POPLITEAL	0.3	1	13	1.2	2	20	1.6	3	23
	TRANSLUMINAL ATHERECTOMY FEMORAL-POPLITEAL	0.1	0	4	0.2	1	18	0.2	1	18
	ENDARTERECTOMY, SUPERFICIAL FEMORAL, POPLITEAL	0.3	1	6	0.4	1	14	0.7	1	14
	INFRAPOPLITEAL BYPASS, VEIN	0.8	2	11	1.5	2	14	2.3	3	16
	INFRAPOPLITEAL BYPASS, PROSTHETIC	0.2	1	8	0.5	1	13	0.7	1	21
	TRANSLUMINAL BALLON ANGIOPLASTY, TIBIOPERONEAL	0.2	1	9	0.4	1	19	0.6	1	20
	TRANSLUMINAL ATHERECTOMY, TIBIOPERONEAL	0.0	0	2	0.1	1	14	0.1	1	14
	TRANSCATHETER PLACE OF INTRAVASCULAR STENT NON-COR	0.2	1	12	0.7	2	17	0.9	2	24
	EXCISE INFECTED GRAFT, PERIPHERAL	0.1	0	4	0.6	1	8	0.7	1	9
	REVISE ARTERIAL BYPASS	0.1	0	7	0.3	1	6	0.5	1	7
	ARTERIAL EMBOLECTOMY/THROMBECTOMY BY LEG INCISION	0.5	1	12	1.2	1	12	1.8	2	15
	GRAFT THROMBECTOMY	0.0	0	4	0.2	0	5	0.2	1	5
	ADJUNCTIVE VEIN CUFF OR AVF	0.0	0	1	0.0	0	6	0.0	0	6
	HARVEST ARM VEIN	0.0	0	2	0.0	0	4	0.1	0	4
	COMPOSITE LEG BYPASS GRAFT	0.0	0	2	0.0	0	3	0.1	0	3
	RE-DO LOWER EXTREMITY BYPASS	0.0	0	2	0.1	0	4	0.2	1	6
	OTHER MAJOR PERIPHERAL - DEF CAT CREDIT	0.0	0	0	0.0	0	0	0.0	0	0
		Subtotal - VASC-PERIPH OBST	5.8	8	78	14.7	10	83	20.4	14

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		Surgeon Chief			Surgeon Junior			Surgeon Total		
		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
VASC - ABDOMINAL OBSTRUCTIVE	CELIAC/SMA ENDARTERECTOMY, BYPASS	0.1	0	4	0.1	0	3	0.2	1	4
	RENAL ENDARTERECTOMY, BYPASS	0.0	0	2	0.0	0	5	0.0	0	5
	EMBOLECTOMY/THROMBECTOMY, RENAL	0.1	0	2	0.1	0	3	0.1	0	3
	TRANSLUMINAL BALLOON ANGIOPLASTY, RENAL	0.0	0	3	0.1	0	7	0.1	0	8
	TRANSLUMINAL ATHERECTOMY, RENAL	0.0	0	2	0.0	0	1	0.0	0	2
	TRANSCATHETER PLACE OF STENT, RENAL ARTERY	0.0	0	4	0.1	0	3	0.1	0	4
	Subtotal - VASC-ABDOMINAL OBSTRUCT		0.2	1	6	0.4	1	10	0.6	1
VASC - UPPER EXTREMITY	OPEN BRACHIAL ARTERY EXPOSURE	0.0	0	2	0.0	0	2	0.1	0	2
	ARM BYPASS,ENDARTERECTOMY,REPAIR	0.1	1	11	0.5	1	9	0.6	1	13
	TRANSCATH PLACE OF INTRAVASC STENT, NON	0.0	0	3	0.1	0	4	0.1	0	4
	THORACIC OUTLET DECOMPRESSION PROC	0.1	1	21	0.2	1	9	0.3	1	21
	EMBOLECTOMY/THROMBECTOMY, BY ARM INCISION	0.2	0	3	0.5	1	5	0.7	1	5
	Subtotal - VASC-UPPER EXTREMITY		0.4	1	28	1.3	2	12	1.8	2
VASC - EXTRA-ANATOMIC	AXILLO-FEMORAL BYPASS	0.2	1	8	0.4	1	5	0.6	1	9
	AXILLO-POPLITEAL-TIBIAL BYPASS	0.0	0	1	0.0	0	2	0.0	0	2
	FEMORAL-FEMORAL BYPASS	0.3	1	6	0.8	1	10	1.1	1	10
	Subtotal - VASC-EXTRA-ANATOMIC		0.5	1	10	1.3	1	12	1.8	2
VASC - THROMBOLYSIS/MECH	TRANSLUMINAL MECHANICAL THROMBECTOMY	0.1	0	7	0.2	1	9	0.3	1	14
	THROMBOLYSIS, TRANSARTERIAL, TRANSCATHETER	0.1	0	8	0.2	1	8	0.2	1	9
	EXCHANGE OF THROMBOLYSIS CATHETER	0.0	0	1	0.0	0	2	0.0	0	2
	Subtotal - VASC-THROMBOLYSIS/MECH THROMB		0.1	1	9	0.4	1	9	0.6	1

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		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
VASC - MISC ENDOVASC THERAP	ENDO PLACE OF ILIAC ARTERY OCCLUSION DEV	0.0	0	3	0.0	0	3	0.1	0	4
	TRANSCATHETER THERAPY, INFUSION NON THROMBOLYSIS	0.0	0	2	0.0	0	1	0.0	0	2
	TRANSCATHETER RETRIEVAL OF INTRAVASCULAR FOREIGN	0.0	0	9	0.1	1	8	0.1	1	17
	TRANSCATHETER ARTERIAL OCCLUSION OR EMBOLIZATION	0.1	0	7	0.1	0	5	0.2	1	7
	TRANSCATHETER PLACE OF WIRELESS SENSOR	0.0	0	0	0.0	0	3	0.0	0	3
	PRESSURE MEASUREMENTS FROM WIRELESS SENSOR	0.0	0	0	0.0	0	1	0.0	0	1
	Subtotal - VASC-MISC ENDOVASC THERA		0.1	1	14	0.3	1	10	0.4	1
VASC - TRAUMA	EXPOSURE OF THORACIC VESSELS	0.0	0	1	0.0	0	0	0.0	0	1
	REPAIR THORACIC VESSELS	0.0	0	1	0.0	0	1	0.0	0	1
	EXPOSURE OF NECK VESSELS	0.0	0	1	0.0	0	1	0.0	0	1
	REPAIR NECK VESSELS	0.0	0	2	0.0	0	8	0.1	0	8
	EXPOSURE OF ABDOMINAL VESSELS	0.0	0	2	0.0	0	0	0.0	0	2
	REPAIR ABDOMINAL VESSELS	0.1	0	3	0.1	0	2	0.1	0	4
	EXPOSURE OF PERIPHERAL VESSELS	0.0	0	3	0.0	0	2	0.0	0	4
	REPAIR PERIPHERAL VESSELS	0.4	1	8	0.7	1	11	1.1	2	12
	FASCIOTOMY	0.2	1	4	0.5	1	7	0.7	1	9
	Subtotal - VASC-TRAUMA		0.7	1	10	1.4	2	16	2.1	2
VASC - VENOUS	PORTAL-SYSTEMIC SHUNT	0.0	0	2	0.0	0	4	0.1	0	4
	OPERATION FOR VARICOSE VEINS	0.4	1	13	3.0	4	24	3.4	4	27
	SCLEROTHERAPY, PERIPH VEIN	0.0	0	3	0.1	0	9	0.1	0	9
	EMBOLECTOMY/THROMBECTOMY, VENOUS	0.0	0	3	0.1	0	4	0.1	0	4
	VENA CAVAL INTERRUPTION/FILTER	0.3	2	44	1.3	3	43	1.6	4	44
	OPERATIONS FOR VENOUS ULCERATION	0.0	0	1	0.1	0	5	0.1	0	6
	VENOUS RECONSTRUCTION	0.1	0	3	0.1	0	5	0.1	0	5
	TRANSLUMINAL BALLOON ANGIOPLASTY, VENOUS	0.2	1	18	0.7	2	40	0.9	2	40
	TRANSLUMINAL MECHANICAL THROMBECTOMY, VENOUS	0.0	0	3	0.1	0	4	0.1	0	4
	THROMBOLYSIS, TRANSVENOUS, TRANSCATHETER	0.0	0	3	0.1	1	11	0.1	1	12
	EXCHANGE OF THROMBOLYSIS CATH	0.0	0	1	0.0	0	2	0.0	0	2
	INTERRUPTION OF IVC	0.3	1	10	2.5	6	48	2.7	6	49
	REPAIR A-V MALFORMATION	0.0	0	1	0.0	0	2	0.0	0	2
	Subtotal - VASC-VENOUS		1.3	3	61	8.0	9	57	9.3	10

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		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
VASC - ENDOVASCULAR DIAGNOSTIC	ARTERIOGRAPHY	1.0	3	45	2.8	5	51	3.8	7	61
	VENOGRAPHY	0.2	1	11	1.0	4	77	1.1	4	77
	ANGIOSCOPY	0.0	1	15	0.1	0	8	0.1	1	20
	INTRAVASCULAR ULTRASOUND	0.0	0	4	0.0	0	5	0.0	0	6
	Subtotal - VASC-ENDOVASC DIAG	1.2	3	50	3.8	7	81	5.0	8	81
VASC - MISCELLANEOUS VASCULAR	EXPLORATION OF ARTERY	0.3	1	13	1.0	2	25	1.4	2	25
	POSTOPERATIVE EXP. FOR BLEED, THROMB, INFECT	0.2	1	8	0.6	1	10	0.7	1	13
	MAJOR VASCULAR LIGATION	0.4	1	8	2.2	2	15	2.7	2	17
	INJECT PSEUDOANEURYSM	0.0	0	2	0.0	0	3	0.1	0	3
	SPINE EXPOSURE	0.2	1	24	0.2	1	27	0.4	2	31
	SYMPATHECTOMY	0.0	0	2	0.0	0	3	0.0	0	3
	LYMPHATIC PROCEDURE	0.0	0	2	0.1	0	2	0.1	0	3
	OTHER MISCELLANEOUS VASCULAR PROCEDURE	0.1	0	10	0.6	2	24	0.6	2	24
	Subtotal - VASC-MISCELLANEOUS	1.3	2	25	4.7	4	31	6.0	5	36
VASC - VASCULAR ACCESS	A-V FISTULA	3.0	5	38	15.2	10	90	18.3	12	99
	A-V GRAFT	0.9	2	24	5.8	6	59	6.7	6	61
	PERCUTANEOUS-OTHER ACCESS	0.3	1	23	2.6	5	34	2.9	6	49
	REVISION, A-V ACCESS	1.0	2	25	5.4	6	62	6.4	7	62
	Subtotal - VASC-VASC ACCESS	5.2	8	55	29.0	18	141	34.2	21	154

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		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
VASC - AMPUTATIONS	AMPUTATION, DIGIT	0.3	1	17	2.7	3	28	3.1	3	30
	AMPUTATION, TRANSMETATARSAL	0.3	1	10	2.0	2	20	2.3	3	28
	AMPUTATION, BELOW KNEE	0.7	1	12	4.4	4	21	5.1	4	33
	AMPUTATION, ABOVE KNEE	0.6	1	9	3.4	3	32	4.0	3	33
	AMPUTATION, UPPER EXTREMITY	0.0	0	3	0.1	0	3	0.2	1	4
	AMPUTATION CLOSURE, REVISION	0.1	0	5	0.5	1	12	0.6	1	12
	Subtotal - VASC-AMPUTATIONS	2.1	3	41	13.1	9	67	15.2	11	108
ENDOCRINE	THYROIDECTOMY, PARTIAL OR TOTAL	7.1	8	53	15.0	11	63	22.0	14	91
	PARATHYROIDECTOMY	3.0	4	33	6.3	6	39	9.3	7	54
	ADRENALECTOMY	1.2	2	17	0.9	1	13	2.0	2	17
	PANCREATIC ENDOCRINE PROC	0.5	1	14	0.2	1	10	0.7	2	15
	OTHER MAJOR ENDOCRINE	0.0	0	3	0.0	0	2	0.1	0	3
	Subtotal - ENDOCRINE	11.7	12	80	22.4	16	93	34.1	20	139
HAND	SOFT TISSUE REPAIR/GRAFT	0.0	0	2	0.0	0	2	0.0	0	2
	TENDON REPAIR/TRANSFER	0.0	0	5	0.4	1	18	0.4	1	18
	NERVE REPAIR	0.0	0	3	0.3	1	5	0.3	1	5
	VASCULAR REPAIR	0.0	0	1	0.0	0	2	0.0	0	2
	REPLANTATION	0.0	0	1	0.0	0	7	0.0	0	7
	OTHER MAJOR HAND	0.1	1	28	1.6	3	32	1.8	3	36
	Subtotal - HAND	0.2	1	33	2.3	4	39	2.5	5	47

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		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
THORACIC	EXPLOR THORACOTOMY-OPEN	0.6	1	10	3.2	3	25	3.9	3	26
	EXPLOR THORACOTOMY W/WO BX-THORACOS	0.6	1	12	3.9	3	24	4.5	4	36
	PLEURODESIS-THORACOSCOPIC	0.4	1	9	2.9	3	20	3.2	3	21
	REPAIR DIAPH HERNIA	0.2	0	7	0.5	1	17	0.7	1	17
	EXCISION MEDIASTINAL TUMOR	0.2	0	7	0.9	2	17	1.0	2	17
	PNEUMONECTOMY	0.1	0	4	0.4	1	7	0.4	1	8
	LOBECTOMY/SEGMENTAL RESECT LUNG-OPEN	0.7	2	19	3.2	3	26	3.9	4	29
	LOBECTOMY/SEGMENTAL RESECT LUNG-THORACOS	0.5	1	18	2.5	4	36	3.0	4	50
	WEDGE RESECTION LUNG-OPEN	0.2	1	8	1.0	1	13	1.1	2	13
	WEDGE RESECTION LUNG-THORACOSCOPIC	0.6	2	18	4.3	5	39	5.0	5	39
	THORACIC OUTLET DECOMPRESS PROC	0.0	0	9	0.1	1	6	0.2	1	13
	OPEN DRAINAGE OF EMPYEMA	0.0	0	5	0.2	1	6	0.2	1	11
	PERICARDIECTOMY	0.2	1	5	1.0	1	11	1.2	2	12
	PERICARD WINDOW FOR DRAINAGE-THORACOSCOP	0.1	0	5	0.4	1	10	0.5	1	10
	PACEMAKER INSERTION	0.1	1	25	1.0	3	37	1.1	3	40
	CARDIAC PROCEDURES	0.4	4	82	2.2	6	103	2.6	8	148
	SYMPATHECTOMY, THORACOLUMBAR-THORACOSCOP	0.0	0	4	0.3	1	7	0.3	1	7
	ESOPHAGOMYOTOMY (HELLER)-THORACOSCOPIC	0.0	0	2	0.0	0	4	0.1	0	4
	OTHER MAJOR THORACIC	0.9	2	18	5.5	5	32	6.3	5	39
	Subtotal - THORACIC	5.7	9	121	33.3	19	190	39.1	23	255

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		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
PEDIATRIC	HERNIORRHAPHY, INGUINAL/UMBILICAL	0.6	2	20	16.1	10	64	16.7	10	70
	REP BRANCHIAL CLEFT ANOM/THYRO DUCT CYST	0.0	0	3	0.5	1	9	0.5	1	9
	REPAIR DEFORMITY CHEST WALL	0.0	0	3	0.5	1	24	0.6	1	24
	REPAIR DIAPHRAGMATIC HERNIA	0.0	0	3	0.3	1	6	0.3	1	6
	ANTIREFLUX PROCEDURE-OPEN (PEDS)	0.0	0	5	0.7	1	10	0.7	1	10
	ANTIREFLUX PROCEDURE-LAPAROSCOPIC (PEDS)	0.1	1	7	1.0	2	21	1.1	2	21
	REP ESOPH ATRESIA/TRACHEO-ESOPH FIST	0.0	0	3	0.2	0	4	0.2	1	5
	REP INTESTINAL ATRESIA/STENOSIS	0.1	1	6	0.9	1	13	1.1	2	13
	REPAIR PYLORIC STENOSIS	0.2	1	8	2.9	3	26	3.0	3	26
	OPERATION FOR MALROTATION/INTUSSUSCEPT	0.1	0	3	1.1	1	8	1.2	1	8
	PROC FOR MECONIUM ILEUS/NEC ENTEROCOLIT	0.0	0	2	0.2	1	5	0.3	1	5
	DEFIN OP FOR HIRSCHSPRUNGS/IMPERF ANUS	0.1	0	6	0.5	1	6	0.6	1	7
	EXC WILMs TUMOR/NEUROBLASTOMA	0.0	0	3	0.2	0	4	0.2	0	4
	REP OMPHALOCELE/GASTROSCHISIS	0.1	0	4	0.9	1	13	1.0	1	13
	REPAIR OF EXSTROPHY	0.0	0	1	0.0	0	3	0.0	0	3
	REPAIR EPI- AND HYPO-SPDIAS	0.0	0	5	0.2	1	15	0.2	1	15
	ORCHIOPEXY	0.1	0	5	1.3	2	18	1.3	2	18
	OTHER MAJOR PEDIATRIC	0.1	0	6	1.4	2	14	1.4	2	14
	Subtotal - PEDIATRIC	1.7	4	45	28.7	16	123	30.4	16	132

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		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
GENITO-URINARY	HYDROCELECTOMY	0.0	0	2	0.4	1	8	0.5	1	8
	CYSTOSTOMY	0.0	0	1	0.1	0	3	0.1	0	3
	CYSTECTOMY	0.0	0	3	0.1	0	4	0.1	0	5
	NEPHRECTOMY (W/ DONOR NEPH SEE TRANSPLT)	0.3	1	10	1.3	2	17	1.6	2	20
	ILEAL URINARY CONDUIT	0.0	0	3	0.0	0	4	0.1	0	4
	OTHER MAJOR GENITO-URINARY	0.2	0	4	1.0	2	14	1.2	2	14
	OTHER MAJOR GENITO-URINARY - LAP BASIC	0.1	0	8	0.5	1	8	0.5	1	10
	OTHER MAJOR GENITO-URINARY - LAP COMPLEX	0.0	0	1	0.1	0	5	0.1	0	5
	Subtotal - GENITO-URINARY	0.7	1	11	3.5	4	28	4.1	4	37
GYNECOLOGY	HYSTERECTOMY (ALL)	0.1	1	25	0.6	3	63	0.7	4	88
	SALPINGO-OOPHORECTOMY	0.1	0	3	0.5	1	13	0.6	1	15
	OTHER MAJOR GYNECOLOGY	0.1	0	7	0.9	3	52	1.0	3	52
	OTHER MAJOR GYNECOLOGY - LAPAROSCOPIC	0.0	0	2	0.1	1	12	0.1	1	12
	Subtotal - GYNECOLOGY	0.4	1	28	2.1	5	79	2.6	6	103
PLASTIC	REPAIR CLEFT LIP/CLEFT PALATE	0.0	0	3	0.1	1	10	0.1	1	10
	MAJOR RECONSTRUCTIVE PROC	0.3	1	10	3.2	4	35	3.5	4	36
	SKIN-GRAFTING, NONBURN (ALL)	0.5	1	8	4.6	5	65	5.1	6	65
	COMPOSITE TISSUE TRANSFER	0.4	1	9	1.5	2	17	1.9	3	26
	BURN DEBRIDEMENT AND/OR GRAFTING	0.3	2	44	6.5	12	137	6.9	12	137
	REDUCTION AND STABILIZATION OF MAXILLOFACIAL FRACTURES	0.1	1	39	0.4	1	16	0.5	2	47
	OTHER MAJOR PLASTIC	0.5	1	14	4.4	5	39	5.0	5	44
	Subtotal - PLASTIC	2.2	4	53	20.7	18	221	22.9	19	221

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RRC Area	RRC Procedure									
NERVOUS SYSTEM	CRANIAL DECOMPRESSION/EXPLORATION	0.0	0	1	0.0	0	2	0.0	0	2
	OTHER MAJOR NERVOUS SYSTEM	0.0	0	1	0.1	1	13	0.1	1	13
	Subtotal - NERVOUS SYSTEM	0.0	0	1	0.1	1	13	0.1	1	13
ORTHOPAEDICS	OPEN OPERATIONS ON BONE OR JOINTS	0.0	0	0	0.0	0	0	0.0	0	0
	ARTHROSCOPY	0.0	0	2	0.1	1	9	0.1	1	9
	OPEN REDUCTION OF OPEN/CLOSED FRACTURE	0.0	0	1	0.3	1	21	0.3	1	21
	CLOSED REDUCTION OF FRACTURE	0.0	0	3	0.3	1	12	0.3	1	13
	OTHER MAJOR ORTHOPAEDICS	0.1	0	8	0.9	2	20	0.9	2	20
	Subtotal - ORTHOPAEDICS	0.1	0	8	1.5	3	39	1.6	3	40
ORGAN TRANSPLANT	LIVER TRANSPLANT	0.2	1	17	0.8	2	29	1.0	2	29
	RENAL TRANSPLANT	0.7	3	55	5.5	6	42	6.1	7	68
	PANCREAS TRANSPLANT	0.0	0	5	0.2	1	7	0.2	1	7
	DONOR NEPHRECTOMY	0.1	0	4	1.0	2	31	1.1	2	31
	DONOR HEPATECTOMY	0.1	1	11	0.9	2	16	1.0	2	21
	EN BLOC ABD ORGAN RETRIEVAL	0.0	0	2	0.2	1	7	0.2	1	7
	OTHER MAJOR ORGAN TRANSPLANT	0.0	0	2	0.3	1	7	0.4	1	7
	Subtotal - ORGAN TRANSPLANT	1.0	3	55	8.9	9	78	10.0	10	78

GENERAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,098

		Surgeon Chief			Surgeon Junior			Surgeon Total		
		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
TRAUMA	DRAINAGE SUB/EXTRADURAL HEMATOMA	0.0	0	2	0.2	1	17	0.2	1	17
	ESOPH TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	1	0.1	0	2	0.1	0	2
	GASTRIC TRAUMA-CLOSURE/RESECT/EXCLUSION	0.1	0	4	0.3	1	5	0.5	1	5
	DUODENAL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	2	0.0	0	2	0.1	0	2
	SM BOWEL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.4	1	8	1.4	2	12	1.8	2	15
	COLON TRAUMA-CLOSURE/RESECT/EXCLUSION	0.5	1	6	1.2	2	16	1.7	2	16
	NECK EXPLOR FOR TRAUMA	0.3	1	4	0.8	1	6	1.1	1	7
	EXPLOR THORACOTOMY - OPEN	0.5	1	8	1.6	2	13	2.1	2	13
	EXPLOR THORACOTOMY - THORACOSCOPIC	0.1	0	2	0.2	1	17	0.2	1	17
	EXPLOR LAPAROTOMY - OPEN	1.8	3	19	6.0	5	43	7.8	6	43
	EXPLOR LAPAROTOMY - LAPAROSCOPIC	0.0	0	0	0.0	0	0	0.0	0	0
	SPLENECTOMY/SPLENORRHAPHY-OPEN	0.6	1	7	1.8	2	14	2.4	2	17
	REPAIR/DRAINAGE HEPATIC LACS-OPEN	0.3	1	6	0.9	1	11	1.2	2	12
	HEPATIC RESECTION FOR INJURY	0.0	0	3	0.1	0	4	0.1	0	4
	DRAINAGE PANCREATIC INJURY	0.0	0	3	0.1	0	3	0.1	0	3
	RESECTION OF PANCREATIC INJURY	0.1	0	3	0.1	0	3	0.2	0	3
	CLOSED REDUCT OF FRACTURE	0.0	0	2	0.1	1	28	0.1	1	29
	DEBRIDE/SUTURE MAJOR WOUNDS	0.4	1	19	3.0	4	47	3.4	4	52
	REPAIR BLADDER INJURY	0.1	0	3	0.2	1	4	0.4	1	7
	REPAIR URETERAL INJURY	0.0	0	1	0.0	0	2	0.0	0	2
	REPAIR/RESECT FOR KIDNEY TRAUMA	0.1	0	3	0.2	1	4	0.3	1	7
	REP THORAC AORTA, INNOMINATE, SUBCLAVIAN	0.0	0	2	0.0	0	2	0.1	0	2
	REPAIR OF CAROTID OR OTHER MAJOR NECK VESSELS	0.0	0	2	0.1	0	2	0.1	0	2
	REPAIR OF ABDOMINAL AORTA OR VENA CAVA	0.0	0	3	0.1	0	3	0.1	0	4
	REP PERIPHERAL VESSELS	0.2	1	6	0.5	1	9	0.7	1	10
	FASCIOTOMY FOR INJURY	0.1	0	3	0.7	1	8	0.8	1	8
	REPAIR OTHER MAJOR VASC INJURY (TR1)	0.1	0	3	0.2	0	5	0.2	1	5
	MANAGEMENT CARDIAC INJURY	0.1	0	3	0.1	0	4	0.2	1	4
	OTHER MAJOR TRAUMA	0.7	1	9	2.1	2	16	2.8	3	17
	Subtotal - TRAUMA	6.7	7	61	22.2	14	138	28.9	17	144

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[PAGE 17] Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,098

		Surgeon Chief			Surgeon Junior			Surgeon Total		
		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
ENDOSCOPY (NOT FOR MAJOR CREDIT)	LARYNGOSCOPY	0.1	0	11	0.5	2	44	0.6	2	44
	BRONCHOSCOPY	0.5	2	18	8.5	10	72	9.1	11	72
	SCLEROTHERAPY/BANDING ESOPH VARICES	0.0	0	2	0.0	0	3	0.0	0	3
	ESOPHAGO-GASTRO-DUODENOSCOPY	7.6	9	86	30.1	18	126	37.6	17	139
	PERCUTAN ENDO GASTROSTOMY (PEG)	1.9	3	26	9.4	10	72	11.3	11	74
	ERCP W/WO PAPILOTOMY	0.1	1	9	0.4	2	20	0.4	2	20
	SIGMOIDOSCOPY, RIGID/FLEXIBLE	0.9	2	18	3.4	4	40	4.3	5	51
	FLEXIBLE COLONOSCOPY W/WO BX/POLYPECT	15.7	19	205	48.9	30	209	64.6	27	297
	CHOLEDOCHOSCOPY	0.0	0	2	0.0	0	4	0.0	0	4
	CYSTO/URETHROSCOPY	0.0	0	4	0.9	3	49	0.9	3	49
	OTHER ENDOSCOPY	0.3	1	22	1.6	2	31	1.9	3	53
	Subtotal - ENDOSCOPY (NOT MAJOR CRED)	27.1	27	226	103.7	48	364	130.8	45	514
MISCELLANEOUS (NOT FOR MAJOR CREDIT)	REMOVE SKIN MOLES, SMALL TUMORS, ETC	0.4	2	32	7.0	8	57	7.4	9	70
	REMOVAL SUBCUT SMALL TUMORS, CYSTS, FBs	0.4	1	9	3.7	4	35	4.0	4	35
	REPAIR MINOR WOUNDS AND GRAFTS	0.1	0	5	1.3	3	30	1.3	3	30
	BANDING/INCISION THROMBOSED HEMORRHOID	0.0	0	2	0.3	1	8	0.3	1	8
	ENDORECTAL ULTRASOUND [MISCELLANEOUS]	0.0	0	3	0.0	0	5	0.0	0	7
	OTHER PROCEDURES	5.5	12	198	67.6	60	977	73.1	68	1,175
		Subtotal - MISC (NOT MAJOR CRED)	6.4	13	202	79.8	66	1,026	86.3	75

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[PAGE 18] Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,098

		Surgeon Chief			Surgeon Junior			Surgeon Total		
		Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MAX
RRC Area	RRC Procedure									
PATIENT CARE (NOT FOR MAJOR CREDIT)	NON-OPERATIVE TRAUMA	10.3	19	182	36.9	43	387	47.2	46	454
	Subtotal - PATIENT CARE (NOT MAJOR CRED)	10.3	19	182	36.9	43	387	47.2	46	454
SURGICAL CRITICAL CARE PAT MGMNT	VENTILATORY MANAGEMENT	6.1	8	92	15.4	20	274	21.5	20	274
	BLEED (NON-TRAUMA) > 3 UNITS	2.2	3	32	3.8	5	74	6.0	6	83
	HEMODYNAMIC INSTABILITY	4.1	6	83	8.4	11	172	12.5	12	172
	ORGAN DYSFUNCTION	4.4	7	78	7.9	11	155	12.3	13	155
	DYSRHYTHMIAS	2.3	4	78	4.3	7	78	6.5	8	106
	INVASIVE LINE MANAGE/MONITORING	6.4	10	132	13.3	18	280	19.7	20	280
	PARENTERAL/ENTERAL NUTRITION	4.3	8	127	9.1	15	266	13.4	16	266
	Subtotal - CRITCARE PAT MAN (NOT MAJ CRED)	29.8	42	531	62.1	77	1,048	91.9	80	1,048
TOTAL FOR CREDIT	Major Operations	237.8	61	653	739.1	140	1,322	976.9	156	1,691

GENERAL SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Surgery

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[PAGE 1] Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,098

	Surgeon Chief					Surgeon Junior					Teach Assist					First Assist					Surgeon Total				
	Percentiles					Percentiles					Percentiles					Percentiles					Percentiles				
	10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
SKIN/SOFT TIS	3	6	8	10	16	22	29	35	42	54	0	1	1	3	5	0	0	1	1	3	28	37	44	51	65
HEAD/NECK	1	2	3	4	7	10	14	18	23	36	0	0	1	1	3	0	0	0	1	2	12	17	22	28	42
BREAST	1	4	7	11	18	33	44	54	65	82	0	0	0	1	2	0	1	1	3	12	40	52	62	74	93
ALIM TR-ESOPHAGUS	1	2	4	6	10	2	3	5	7	11	0	0	0	0	0	0	0	1	1	3	4	6	9	13	20
ALIM TR-STOMACH	5	7	10	13	25	10	14	19	25	37	0	0	0	1	2	0	0	1	3	8	16	24	31	39	57
ALIM TR-SMALL INT	8	11	12	16	20	16	20	24	28	35	0	1	1	2	3	0	0	1	1	3	26	32	37	42	50
ALIM TR-LARGE INT	26	32	39	48	59	62	82	95	111	142	1	3	5	8	14	0	2	3	6	16	95	117	137	155	187
ALIM TR-ANO-RECTAL	1	3	5	8	12	12	18	22	26	33	0	0	1	1	2	0	0	0	1	3	16	22	27	32	44
ABDOMEN-GENERAL	6	9	11	13	17	12	17	20	25	33	0	1	1	2	2	0	0	1	2	4	20	26	32	38	47
ABDOMEN-LIVER	1	2	4	5	8	2	3	4	6	9	0	0	0	0	0	0	0	0	0	1	5	6	8	11	15
ABDOMEN-BILIARY	17	24	30	37	50	56	77	93	110	133	1	3	5	8	13	0	1	3	6	18	80	104	125	145	175
ABDOMEN-PANCREAS	2	3	4	7	13	1	2	3	5	8	0	0	0	0	0	0	0	0	1	2	4	6	8	11	19
ABDOMEN-SPLEEN	1	1	1	2	2	0	1	1	2	3	0	0	0	0	0	0	0	0	0	1	1	2	3	3	4
ABDOMEN-HERNIA	17	23	28	35	49	63	79	89	102	121	1	2	3	6	10	0	1	2	5	13	88	107	119	136	160
VASC - ANEURYSM REPAIR	0	0	2	3	6	1	2	4	6	10	0	0	0	0	0	0	0	1	1	3	2	4	6	9	14
VASC - CEREBROVASCULAR	0	1	3	5	10	3	5	8	11	17	0	0	0	0	0	0	0	0	1	4	4	8	11	15	23
VASC - PERIPH OBSTRUCTIVE	0	1	4	8	15	6	10	13	18	25	0	0	0	0	1	0	0	1	1	4	9	14	18	23	36
VASC - ABDOMINAL OBSTRUCTIVE	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
VASC - EXTRA-ANATOMIC	0	0	0	1	1	0	1	1	2	3	0	0	0	0	0	0	0	0	0	1	0	1	2	2	4
VASC - THROMBOLYSIS/MECH THROMB	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
VASC - MISC ENDOVASC THERAP	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
VASC - TRAUMA	0	0	1	1	2	0	1	1	2	3	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4
VASC - VENOUS	0	0	1	1	3	2	4	6	10	20	0	0	0	0	0	0	0	0	0	1	2	4	7	12	23
VASC - MISCELLANEOUS VASCULAR	0	0	1	2	3	2	3	4	6	8	0	0	0	0	0	0	0	0	0	1	3	4	6	7	10
VASC - VASCULAR ACCESS	0	1	3	6	13	11	20	25	32	49	0	0	0	0	1	0	0	0	1	5	14	23	31	41	56
ENDOCRINE	3	6	9	14	22	8	13	19	25	41	0	0	0	0	1	0	0	1	2	5	14	21	29	39	56
HAND	0	0	0	0	1	0	1	1	2	6	0	0	0	0	0	0	0	0	0	1	0	1	2	3	6
THORACIC	1	2	4	7	14	16	22	30	39	52	0	0	0	0	1	0	1	1	3	10	20	28	36	46	58
PEDIATRIC	0	0	1	1	5	15	21	26	32	47	0	0	0	0	0	0	0	0	1	5	17	22	27	34	50

GENERAL SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

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[PAGE 2] Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,098																									
	Surgeon Chief					Surgeon Junior					Teach Assist					First Assist					Surgeon Total				
	Percentiles					Percentiles					Percentiles					Percentiles					Percentiles				
	10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
GYNECOLOGY	0	0	0	0	1	0	1	1	2	4	0	0	0	0	0	0	0	0	0	1	0	1	2	2	5
PLASTIC	0	1	2	2	5	9	13	17	23	37	0	0	0	0	1	0	0	0	1	4	10	15	18	26	40
NERVOUS SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPAEDICS	0	0	0	0	0	0	1	1	2	4	0	0	0	0	0	0	0	0	0	2	0	1	1	2	4
ORGAN TRANSPLANT	0	0	0	0	3	2	4	6	11	18	0	0	0	0	0	0	0	0	1	2	2	4	7	12	19
TRAUMA	1	3	5	8	14	11	15	19	25	38	0	0	1	1	3	0	0	1	1	3	16	20	24	31	49
ENDOSCOPY (NOT FOR MAJOR CREDIT)	4	12	23	35	59	52	83	99	120	154	0	0	0	1	3	0	0	0	1	4	100	111	122	138	176
MISCELLANEOUS (NOT FOR MAJOR CREDIT)	1	3	5	7	12	33	52	72	93	141	0	0	1	2	5	0	1	1	3	8	39	56	77	100	148
SURGICAL CRITICAL CARE PAT MGMNT	1	13	23	35	60	18	32	53	73	115	0	0	0	0	1	0	0	0	0	0	50	67	81	98	130
TOTAL FOR CREDIT	188	214	235	259	292	614	683	725	792	881	7	18	27	36	56	5	16	28	53	148	835	916	971	1,036	1,153