



## Accreditation Council for Graduate Medical Education

### 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.

**SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2013-2014**  
**Residency Review Committee for Surgery**  
**Report Date: October 27, 2014**

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Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105

		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	1.0	2	15	2.8	3	22	3.8	3	27
	MAJ EXC & REP/GRAFT FOR SKIN NEOPLASM	2.0	3	19	8.7	7	58	10.7	8	59
	SENTINEL LYMPH NODE BIOPSY FOR MELANOMA	0.7	1	17	2.4	3	24	3.1	3	39
	RAD EXCIS SOFT TIS TUMOR	0.7	1	10	1.8	2	26	2.5	3	26
	PILONIDAL CYSTECTOMY	0.6	1	9	4.1	3	18	4.8	3	20
	OTHER MAJOR SKIN/SOFT TIS	4.6	5	55	20.8	13	109	25.5	16	118
	Subtotal - SKIN/SOFT TIS	9.7	8	72	40.6	18	145	50.3	22	165
HEAD/NECK	RESECT LESION-LIPS	0.0	0	2	0.1	0	4	0.1	0	4
	RESECT LESION-TONGUE	0.0	0	2	0.1	1	6	0.2	1	6
	RESECT LESION-FLOOR MOUTH/BUCCAL MUC	0.0	0	1	0.0	0	4	0.1	0	4
	PAROTIDECTOMY	0.2	1	6	0.5	1	10	0.7	1	10
	RESECT OTHER SALIVARY GLND	0.0	0	3	0.2	1	7	0.2	1	7
	RADICAL NECK DISSECT	0.5	1	9	0.8	1	14	1.3	2	14
	RESECT MANDIBLE/MAXILLA	0.0	0	1	0.0	0	2	0.0	0	3
	TRACHEOSTOMY	2.0	3	27	12.7	10	105	14.6	11	108
	OTHER MAJOR HEAD/NECK	0.8	1	17	5.3	4	34	6.1	5	36
	Subtotal - HEAD/NECK	3.5	4	27	19.8	12	124	23.2	14	128
BREAST	BREAST BIOPSY	1.5	3	42	14.7	13	99	16.1	14	138
	SENTINEL LYMPH NODE BIOPSY (BREAST)	0.6	2	15	4.1	5	35	4.7	5	46
	SIMPLE MASTECTOMY	1.9	3	27	8.7	6	45	10.6	7	64
	MOD RAD MASTECTOMY	1.0	2	12	4.6	4	23	5.5	4	30
	RADICAL MASTECTOMY	0.0	0	3	0.2	0	4	0.2	1	4
	EXC BX/QUADRANT EXC W/VO AX SAMPLING	2.4	5	64	16.8	12	85	19.2	14	120
	BREAST RECONSTRUCTION	0.4	2	30	4.3	7	83	4.7	8	83
	OTHER MAJOR BREAST	0.4	1	9	1.9	2	17	2.3	2	17
	Subtotal - BREAST	8.2	11	152	55.2	26	239	63.4	29	310

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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										
ALIM TR-ESOPHAGUS	ESOPHAGECTOMY	0.5	1	10	0.5	1	8	1.0	2	13	
	ESOPHAGO-GASTRECTOMY	0.4	1	11	0.5	1	6	0.9	1	14	
	ANTIREFLUX PROC-OPEN	0.5	1	7	0.8	1	11	1.3	2	13	
	ANTIREFLUX PROC-LAPAROSCOPIC	3.3	4	42	3.4	4	33	6.8	6	57	
	ESOPHAGEAL BYPASS PROCEDURE	0.0	0	3	0.0	0	2	0.1	0	3	
	REPAIR OF PERF-ESOPH DISEASE	0.0	0	3	0.0	0	2	0.0	0	3	
	OTHER OPS FOR ESOPHAGEAL STENOSIS	0.0	0	2	0.1	0	4	0.2	0	4	
	ESOPHAGEAL DIVERTICULECTOMY	0.1	0	2	0.1	0	3	0.2	0	3	
	OTHER MAJOR ESOPHAGUS	0.1	0	3	0.2	1	6	0.3	1	6	
	Subtotal - ALIM TR-ESOPHAGUS		5.0	5	49	5.7	5	46	10.7	8	70
	ALIM TR-STOMACH	GASTROSTOMY (ALL TYPES)-OPEN	1.0	1	15	3.6	4	64	4.6	4	69
GASTROSTOMY (ALL TYPES)-LAPAROSCOPIC		0.6	1	16	2.2	3	18	2.8	3	21	
GASTRIC RESECT, PARTIAL-OPEN		1.8	2	14	1.6	2	11	3.4	3	20	
GASTRIC RESECT, PARTIAL-LAPAROSCOPIC		4.7	9	78	5.5	9	72	10.2	14	142	
GASTRIC RESECT, TOTAL		0.5	1	5	0.4	1	7	0.9	1	7	
VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-OPEN		0.1	0	3	0.1	0	6	0.3	1	7	
VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-LAPAR		0.0	0	1	0.0	0	1	0.0	0	2	
REPAIR PERF-GASTRIC DIS		0.7	1	6	1.4	2	10	2.2	2	13	
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	2	0.0	0	1	0.0	0	2	
GASTRIC REDUC FOR MORBID OBESITY (ALL)		1.3	4	34	2.3	5	53	3.6	7	57	
GASTRIC REDUC FOR MORBID OBESITY-LAP		0.9	2	19	2.7	6	73	3.6	7	74	
OTHER MAJOR STOMACH [no open/close dist]		1.1	1	16	2.2	2	19	3.3	3	21	
Subtotal - ALIM TR-STOMACH			12.6	12	96	22.2	15	109	34.8	22	184

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RRC Area	RRC Procedure										
ALIM TR-SMALL INT	ENTEROLYSIS - OPEN	1.8	2	20	3.4	4	53	5.2	5	65	
	ENTEROLYSIS-LAPAROSCOPIC	1.4	2	16	2.1	3	25	3.5	4	32	
	ENTERECTOMY - OPEN	6.1	4	26	11.0	6	56	17.1	8	68	
	ENTERECTOMY-LAPAROSCOPIC	0.5	1	17	0.7	2	47	1.2	2	47	
	REPAIR PERF-DUODENAL DIS	0.2	0	3	0.3	1	5	0.5	1	5	
	REPAIR PERF-SMALL BOWEL DIS	1.0	1	9	2.0	2	13	3.1	2	16	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-OPEN	0.7	1	11	1.6	2	13	2.3	2	17	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-LAP	0.6	1	7	0.9	1	8	1.5	2	12	
	DIVERTICULECTOMY	0.1	0	2	0.4	1	5	0.4	1	5	
	OTHER MAJOR SMALL INT	0.9	1	11	2.0	2	13	2.9	3	23	
	Subtotal - ALIM TR-SMALL INT		13.3	8	53	24.3	12	139	37.7	16	189
	ALIM TR-LARGE INT	APPENDECTOMY-OPEN	1.1	2	22	8.7	7	51	9.8	8	51
APPENDECTOMY-LAPAROSCOPIC		9.0	7	43	45.9	22	141	54.9	25	159	
COLOSTOMY (ALL TYPES)		2.3	2	13	4.0	3	17	6.3	4	21	
COLOSTOMY CLOSURE		1.5	2	13	2.7	3	28	4.2	4	41	
COLECTOMY/PROCTECTOMY-OPEN		13.9	7	54	21.5	10	68	35.3	14	94	
COLECTOMY/PROCTECTOMY-LAPAROSCOPIC		10.6	9	62	11.1	9	53	21.6	14	90	
COLECTOMY W/ ILEOANAL PULL-THRU		0.2	1	5	0.3	1	6	0.5	1	7	
COLECTOMY W/ CONTINENT RECONSTRUCT		0.2	1	8	0.3	1	9	0.5	1	12	
ABDOMINO-PERINEAL RESECTION		1.3	2	11	1.2	2	10	2.5	2	15	
TRANSANAL RECTAL TUMOR EXCISION		0.5	1	8	1.0	1	11	1.5	2	12	
REPAIR PERF-COLON DIS		0.3	1	3	0.5	1	4	0.7	1	6	
OTHER MAJOR LARGE INT		0.3	1	6	0.5	1	7	0.9	1	12	
Subtotal - ALIM TR-LARGE INT			41.0	17	136	97.7	35	216	138.7	41	280

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RRC Area	RRC Procedure									
ALIM TR-ANO-RECTAL	HEMORRHOIDECTOMY (ALL)	1.9	2	15	7.2	5	34	9.1	6	47
	SPHINCTEROTOMY/SPHINCTEROPLASTY	0.4	1	13	1.4	2	24	1.7	2	34
	DRAINAGE PROC FOR ANORECTAL ABSCESS	1.4	2	14	5.8	4	27	7.2	5	33
	REPAIR ANORECTAL FISTULA	0.5	1	9	0.8	1	12	1.3	2	16
	OTHER OPERATIONS FOR ANAL INCONTINENCE	0.1	0	3	0.1	0	3	0.2	0	3
	REPAIR RECTAL PROLAPSE	0.5	1	5	0.8	1	12	1.2	2	14
	OTHER MAJOR ANO-RECTAL	2.1	3	23	6.7	5	50	8.9	7	50
	Subtotal - ALIM TR-ANO-RECTAL	6.8	7	49	22.8	13	111	29.6	15	139
ABDOMEN-GENERAL	EXP LAP EXCLUSIVE OF TRAUMA-OPEN	6.9	6	65	13.5	9	87	20.4	13	115
	EXP LAP EXCLUSIVE OF TRAUMA-LAPAR	3.2	3	26	6.7	5	52	9.9	7	61
	DRAINAGE INTRA-ABDOMINAL ABSCESS	0.3	1	8	0.8	2	18	1.0	2	21
	MAJ RETROPERIT/PELVIC NODE DISSEC-OPEN	0.2	0	4	0.2	1	8	0.3	1	8
	OTHER MAJOR AB-GENERAL-LAP COMPLEX	0.3	1	16	0.6	1	18	0.9	2	34
	OTHER MAJOR AB-GENERAL	1.4	2	14	2.3	2	20	3.7	3	22
	Subtotal - ABDOMEN-GENERAL	12.3	8	72	23.9	13	145	36.2	17	188
ABDOMEN-LIVER	LOBECTOMY OR SEGMENTECTOMY	2.9	3	20	2.4	3	19	5.3	4	27
	WEDGE RESECTION/OPEN BIOPSY	0.9	1	9	1.2	2	14	2.1	2	14
	DRAINAGE LIVER ABSCESS	0.2	1	5	0.2	1	4	0.5	1	6
	OTHER MAJOR LIVER	0.7	1	19	1.0	2	20	1.7	2	23
	Subtotal - ABDOMEN-LIVER	4.8	4	32	4.8	4	29	9.6	6	46

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RRC Area	RRC Procedure									
ABDOMEN-BILIARY	CHOLECYSTOSTOMY	0.1	0	3	0.1	1	8	0.2	1	8
	CHOLECYSTECTOMY W/WO OPER GRAMS-OPEN	2.5	2	15	6.4	4	28	8.9	5	41
	CHOLECYSTECTOMY W/WO OPER GRAMS-LAPAR	26.9	15	146	85.2	35	250	112.0	41	282
	COMMON BILE DUCT EXPLOR-OPEN	0.4	1	6	0.5	1	5	0.9	1	10
	COMMON BILE DUCT EXPLOR-LAPAR	0.2	1	8	0.5	1	10	0.7	1	18
	CHOLEDOCHOENTERIC ANASTOMOSIS	0.8	1	8	0.8	1	14	1.6	2	14
	SPHINCTEROPLASTY (ODDI)	0.1	0	3	0.1	0	2	0.1	0	4
	OTHER MAJOR BILIARY	0.2	1	5	0.2	1	6	0.4	1	6
	Subtotal - ABDOMEN-BILIARY	31.2	16	151	93.7	37	271	124.9	43	310
ABDOMEN-PANCREAS	DRAINAGE PANCREATIC ABSCESS	0.0	0	3	0.1	0	2	0.1	0	3
	RESECTION FOR PANCREATIC NECROSIS	0.3	1	9	0.4	1	12	0.7	1	15
	PANC RESECTION, DISTAL	1.9	2	13	1.1	1	8	3.0	3	18
	PANC RESECTION, WHIPPLE	3.7	4	30	1.6	2	16	5.3	5	38
	PANC RESECTION, TOTAL	0.2	1	6	0.1	0	5	0.3	1	7
	DRAINAGE PSEUDOCYST (ALL TYPES)	0.3	1	4	0.3	1	4	0.6	1	7
	PANCREATICOJEJUNOSTOMY	0.2	1	4	0.1	0	3	0.3	1	6
	OTHER MAJOR PANCREAS	0.3	1	6	0.3	1	6	0.6	1	8
	Subtotal - ABDOMEN-PANCREAS	7.0	6	39	4.0	4	23	11.0	8	56
ABDOMEN-SPLEEN	SPLENECTOMY FOR DISEASE-OPEN	0.7	1	5	0.8	1	7	1.4	1	8
	SPLENECTOMY FOR DISEASE-LAPAR	0.7	1	6	0.7	1	6	1.3	1	9
	Subtotal - ABDOMEN-SPLEEN	1.3	1	9	1.4	1	9	2.8	2	11
ABDOMEN-HERNIA	INGUINAL-FEMORAL (ALL)-OPEN	9.3	7	51	39.1	17	117	48.4	19	164
	INGUINAL-FEMORAL (ALL)-LAPAROS	10.5	9	65	19.4	14	103	30.0	19	144
	VENTRAL	10.5	7	44	35.0	14	114	45.5	16	128
	OTHER MAJOR HERNIAS	0.1	0	4	0.4	1	4	0.5	1	5
	Subtotal - ABDOMEN-HERNIA	30.5	16	129	94.0	31	269	124.4	36	294

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RRC Area	RRC Procedure										
VASC - ANEURYSM REPAIR	OPEN REPAIR INFRARENAL A-I ANEURYSM, RUPTURED	0.1	0	4	0.2	1	5	0.3	1	7	
	OPEN REPAIR INFRARENAL A-I ANEURYSM, ELECTIVE	0.4	1	7	0.7	1	13	1.1	2	14	
	ENDOVASCULAR REPAIR ABD AORTIC/ILIAC ANEURYSM	0.9	2	18	2.1	3	26	3.1	4	38	
	ENDOVASCULAR REPAIR OF ILIAC ARTERY	0.0	0	4	0.1	0	5	0.1	0	5	
	REPAIR SUPRARENAL AORTIC ANEURYSM	0.0	0	3	0.1	0	3	0.1	0	3	
	REPAIR THORACIC AORTIC ANEURYSM	0.0	0	3	0.0	0	2	0.0	0	3	
	ENDOVASCULAR REPAIR THORACIC AORTIC ANEURYSM	0.2	1	9	0.3	1	6	0.4	1	9	
	REPAIR THORACOABDOMINAL AORTIC ANEURYSM	0.0	0	3	0.1	0	5	0.1	0	5	
	REPAIR FEMORAL ANEURYSM	0.2	1	5	0.5	1	7	0.7	1	8	
	REPAIR POPLITEAL ANEURYSM	0.1	0	2	0.2	0	3	0.3	1	4	
	REPAIR OTHER ANEURYSM - DEF CAT CREDIT	0.0	0	1	0.0	0	2	0.1	0	2	
	Subtotal - VASC-ANEURYSM REPAIR		2.0	3	37	4.3	4	37	6.2	6	58
	VASC - CEREBROVASCULAR	CAROTID ENDARTERECTOMY	3.0	4	29	6.9	6	42	9.9	8	58
REOPERATIVE CAROTID SURGERY		0.0	0	1	0.0	0	2	0.1	0	2	
TRANSCATHETER PLACEMENT CAROTID ARTERY STENT		0.1	0	11	0.1	0	6	0.2	1	11	
EXCISE CAROTID BODY TUMOR		0.0	0	2	0.0	0	3	0.1	0	3	
VERTEBRAL BYPASS OR REIMPLANTATION /TRANSPOSITION		0.0	0	1	0.0	0	1	0.0	0	2	
DIRECT REPAIR AORTIC ARCH BRANCHES		0.0	0	1	0.0	0	1	0.0	0	1	
TRANSLUMINAL BALLOON ANGIOPLASTY - BRACHIOCEPHALIC		0.0	0	3	0.2	1	19	0.2	1	19	
TRANSLUMINAL ATHERECTOMY - BRACHIOCEPHALIC		0.0	0	1	0.0	0	1	0.0	0	1	
TRANSCATHETER PLACE OF INTRAVASC STENT, NONCOR.		0.0	0	6	0.0	0	1	0.0	0	6	
CERVICAL BYPASS AORTIC ARCH BRANCHES		0.2	1	6	0.2	1	4	0.4	1	6	
EMBOLECTOMY/THROMBECTOMY BY NECK OR THORACIC INCIS		0.0	0	2	0.1	1	15	0.1	1	15	
OTHER MAJOR CEREBROVASCULAR - DEF CAT CREDIT		0.0	0	2	0.1	0	3	0.1	0	3	
Subtotal - VASC-CEREBROVASCULAR			3.4	5	34	7.7	7	43	11.1	9	68

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RRC Area	RRC Procedure									
VASC - PERIPH OBSTRUCTIVE	AORTO-ILIO/FEMORAL ENDARTERECTOMY	0.1	0	6	0.3	1	5	0.4	1	7
	AORTO-ILIO/FEMORAL BYPASS, PROSTHETIC	0.4	1	7	0.7	1	9	1.1	1	13
	AORTO-ILIO/FEMORAL BYPASS, VEIN	0.0	0	4	0.1	0	4	0.1	0	5
	TRANSLUMINAL BALLOON ANGIOPLASTY AORTA OR ILIAC	0.2	1	9	0.5	1	24	0.6	1	24
	TRANSLUMINAL ATHERECTOMY AORTA OR ILIAC	0.0	0	1	0.0	0	3	0.0	0	3
	TRANSCATHETER PLACEMENT INTRAVASC STENT AORTA	0.1	1	11	0.3	1	16	0.4	1	16
	ILIO-ILIAC/FEMORAL ENDARTERECTOMY	0.1	0	6	0.3	1	24	0.4	1	24
	EXCISE INFECTED GRAFT, ABDOMEN OR CHEST	0.0	0	1	0.0	0	2	0.1	0	2
	REPAIR GRAFT-ENTERIC/AORTO-ENTERIC FISTULA	0.0	0	1	0.0	0	2	0.0	0	2
	FEMORAL, PROFUNDA ENDARTERECTOMY	0.4	1	9	1.1	1	9	1.5	2	14
	FEMORAL-POPLITEAL BYPASS, VEIN	0.7	1	13	1.8	2	21	2.5	3	21
	FEMORAL-POPLITEAL BYPASS, PROSTHETIC	0.6	1	15	1.4	2	28	2.0	3	42
	TRANSLUMINAL BALLOON ANGIOPLASTY FEMORAL-POPLITEAL	0.3	1	14	1.3	2	22	1.6	3	22
	TRANSLUMINAL ATHERECTOMY FEMORAL-POPLITEAL	0.1	0	8	0.2	1	6	0.3	1	10
	ENDARTERECTOMY, SUPERFICIAL FEMORAL, POPLITEAL	0.3	1	5	0.6	1	9	0.9	1	9
	INFRAPOPLITEAL BYPASS, VEIN	0.7	1	14	1.6	2	22	2.3	3	29
	INFRAPOPLITEAL BYPASS, PROSTHETIC	0.2	1	7	0.4	1	7	0.6	1	11
	TRANSLUMINAL BALLON ANGIOPLASTY, TIBIOPERONEAL	0.1	1	11	0.5	1	20	0.6	2	30
	TRANSLUMINAL ATHERECTOMY, TIBIOPERONEAL	0.0	0	3	0.1	0	8	0.1	0	8
	TRANSCATHETER PLACE OF INTRAVASCULAR STENT NON-COR	0.1	1	18	0.6	2	29	0.8	2	36
	EXCISE INFECTED GRAFT, PERIPHERAL	0.1	0	5	0.5	1	14	0.7	1	14
	REVISE ARTERIAL BYPASS	0.1	0	6	0.3	1	8	0.5	1	11
	ARTERIAL EMBOLECTOMY/THROMBECTOMY BY LEG INCISION	0.5	1	7	1.3	2	14	1.8	2	17
	GRAFT THROMBECTOMY	0.0	0	4	0.2	0	3	0.2	1	4
	ADJUNCTIVE VEIN CUFF OR AVF	0.0	0	2	0.0	0	5	0.0	0	5
	HARVEST ARM VEIN	0.0	0	3	0.0	0	2	0.0	0	3
	COMPOSITE LEG BYPASS GRAFT	0.0	0	2	0.0	0	2	0.1	0	3
	RE-DO LOWER EXTREMITY BYPASS	0.0	0	3	0.1	0	5	0.1	0	5
	OTHER MAJOR PERIPHERAL - DEF CAT CREDIT	0.0	0	1	0.0	0	1	0.0	0	1
	Subtotal - VASC-PERIPH OBST	5.2	8	94	14.3	11	108	19.6	15	132

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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	5	0.1	0	4	0.2	1	5
	RENAL ENDARTERECTOMY, BYPASS	0.0	0	2	0.0	0	3	0.0	0	3
	EMBOLECTOMY/THROMBECTOMY, RENAL	0.1	0	2	0.1	0	2	0.1	0	3
	TRANSLUMINAL BALLOON ANGIOPLASTY, RENAL	0.0	0	5	0.1	0	5	0.1	0	5
	TRANSLUMINAL ATHERECTOMY, RENAL	0.0	0	1	0.0	0	0	0.0	0	1
	TRANSCATHETER PLACE OF STENT, RENAL ARTERY	0.0	0	3	0.1	0	4	0.1	0	4
	Subtotal - VASC-ABDOMINAL OBSTRUCT		0.2	1	10	0.4	1	7	0.6	1
VASC - UPPER EXTREMITY	OPEN BRACHIAL ARTERY EXPOSURE	0.0	0	2	0.1	0	8	0.1	0	8
	ARM BYPASS,ENDARTERECTOMY,REPAIR	0.1	1	13	0.4	1	6	0.6	1	13
	TRANSCATH PLACE OF INTRAVASC STENT, NON	0.0	0	6	0.1	0	5	0.2	1	6
	THORACIC OUTLET DECOMPRESSION PROC	0.1	1	27	0.2	1	13	0.3	1	31
	EMBOLECTOMY/THROMBECTOMY, BY ARM INCISION	0.2	0	3	0.5	1	7	0.7	1	7
	Subtotal - VASC-UPPER EXTREMITY		0.4	1	33	1.4	2	13	1.8	2
VASC - EXTRA-ANATOMIC	AXILLO-FEMORAL BYPASS	0.2	1	5	0.4	1	5	0.6	1	8
	AXILLO-POPLITEAL-TIBIAL BYPASS	0.0	0	1	0.0	0	2	0.0	0	2
	FEMORAL-FEMORAL BYPASS	0.3	1	4	0.8	1	12	1.1	1	12
	Subtotal - VASC-EXTRA-ANATOMIC		0.5	1	8	1.2	1	12	1.7	2
VASC - THROMBOLYSIS/MECH	TRANSLUMINAL MECHANICAL THROMBECTOMY	0.1	0	4	0.3	1	14	0.3	1	14
	THROMBOLYSIS, TRANSARTERIAL, TRANSCATHETER	0.1	0	8	0.2	1	8	0.2	1	11
	EXCHANGE OF THROMBOLYSIS CATHETER	0.0	0	2	0.0	0	2	0.0	0	2
	Subtotal - VASC-THROMBOLYSIS/MECH THROMB		0.1	1	8	0.5	1	15	0.6	1
VASC - MISC ENDOVASC THERAP	ENDO PLACE OF ILIAC ARTERY OCCLUSION DEV	0.0	0	11	0.1	0	8	0.1	1	19
	TRANSCATHETER THERAPY, INFUSION NON	0.0	0	1	0.0	0	2	0.0	0	2
	TRANSCATHETER RETRIEVAL OF INTRAVASCULAR	0.0	0	1	0.1	0	3	0.1	0	3
	TRANSCATHETER ARTERIAL OCCLUSION OR	0.1	0	3	0.1	0	6	0.2	1	6
	TRANSCATHETER PLACE OF WIRELESS SENSOR	0.0	0	0	0.0	0	2	0.0	0	2
	VENA CAVAL INTERRUPTION/FILTER	0.0	0	0	0.0	0	2	0.0	0	2
	OPERATIONS FOR VENOUS ULCERATION	0.0	0	0	0.0	0	11	0.0	0	11
	VENOUS RECONSTRUCTION	0.0	0	0	0.0	0	10	0.0	0	10
	Subtotal - VASC-MISC ENDOVASC THERA		0.1	0	11	0.3	1	25	0.4	1

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RRC Area	RRC Procedure									
VASC - TRAUMA	EXPOSURE OF THORACIC VESSELS	0.0	0	1	0.0	0	0	0.0	0	1
	REPAIR THORACIC VESSELS	0.0	0	2	0.0	0	2	0.1	0	2
	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	2	0.1	0	2
	EXPOSURE OF ABDOMINAL VESSELS	0.0	0	1	0.0	0	2	0.0	0	2
	REPAIR ABDOMINAL VESSELS	0.0	0	2	0.1	0	5	0.1	0	5
	EXPOSURE OF PERIPHERAL VESSELS	0.1	0	3	0.1	0	3	0.1	0	4
	REPAIR PERIPHERAL VESSELS	0.3	1	8	0.7	1	10	0.9	1	10
	FASCIOTOMY	0.2	1	6	0.6	1	7	0.8	1	7
	Subtotal - VASC-TRAUMA	0.6	1	10	1.5	2	13	2.1	2	15
VASC - VENOUS	ENDO PLACE OF ILIAC ARTERY OCCLUSION DEV	0.0	0	0	0.0	0	4	0.0	0	4
	TRANSCATHETER RETRIEVAL OF INTRAVASCULAR FOREIGN	0.0	0	0	0.0	0	1	0.0	0	1
	PORTAL-SYSTEMIC SHUNT	0.0	0	2	0.0	0	8	0.0	0	8
	OPERATION FOR VARICOSE VEINS	0.4	1	13	3.0	4	30	3.3	4	31
	SCLEROTHERAPY, PERIPH VEIN	0.0	0	10	0.1	1	13	0.1	1	13
	EMBOLECTOMY/THROMBECTOMY, VENOUS	0.0	0	2	0.1	0	3	0.1	0	3
	VENA CAVAL INTERRUPTION/FILTER	0.2	1	18	1.2	3	34	1.5	3	40
	OPERATIONS FOR VENOUS ULCERATION	0.0	0	2	0.1	0	4	0.1	0	4
	VENOUS RECONSTRUCTION	0.1	0	5	0.1	0	5	0.2	0	6
	TRANSLUMINAL BALLOON ANGIOPLASTY, VENOUS	0.2	1	26	0.9	2	30	1.1	3	30
	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	0	6	0.1	0	6
	EXCHANGE OF THROMBOLYSIS CATH	0.0	0	1	0.0	0	1	0.0	0	1
	INTERRUPTION OF IVC	0.2	1	6	1.8	4	40	2.0	4	40
	REPAIR A-V MALFORMATION	0.0	0	1	0.0	0	1	0.0	0	1
	Subtotal - VASC-VENOUS	1.2	3	44	7.4	8	48	8.6	9	56

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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	1.1	3	39	3.0	6	77	4.1	7	78
	VENOGRAPHY	0.3	1	22	1.3	4	45	1.6	5	60
	ANGIOSCOPY	0.0	0	3	0.1	1	13	0.1	1	13
	INTRAVASCULAR ULTRASOUND	0.0	0	2	0.0	0	3	0.0	0	3
	Subtotal - VASC-ENDOVASC DIAG	1.4	4	41	4.5	8	101	5.9	9	102
VASC - MISCELLANEOUS VASCULAR	VENOGRAPHY	0.0	0	0	0.0	0	2	0.0	0	2
	EXPLORATION OF ARTERY	0.3	1	11	1.1	2	35	1.4	3	35
	POSTOPERATIVE EXP. FOR BLEED, THROMB, INFECT	0.1	0	6	0.5	1	8	0.7	1	13
	MAJOR VASCULAR LIGATION	0.4	1	7	2.3	2	12	2.7	2	13
	INJECT PSEUDOANEURYSM	0.0	0	2	0.0	0	4	0.1	0	4
	SPINE EXPOSURE	0.2	1	12	0.2	1	16	0.4	1	21
	SYMPATHECTOMY	0.0	0	4	0.0	0	4	0.0	0	5
	LYMPHATIC PROCEDURE	0.0	0	2	0.1	0	4	0.1	0	4
	OTHER MISCELLANEOUS VASCULAR PROCEDURE	0.1	0	3	0.5	1	26	0.5	1	26
	Subtotal - VASC-MISCELLANEOUS	1.1	2	15	4.7	4	35	5.9	5	38
VASC - VASCULAR ACCESS	A-V FISTULA	2.8	4	32	14.9	10	64	17.7	11	77
	A-V GRAFT	0.9	2	20	5.7	6	65	6.6	6	69
	PERCUTANEOUS-OTHER ACCESS	0.3	1	12	2.8	5	48	3.1	6	54
	REVISION, A-V ACCESS	1.0	2	30	5.3	6	59	6.3	7	60
	Subtotal - VASC-VASC ACCESS	4.9	7	59	28.8	18	150	33.7	20	169

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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	A-V FISTULA	0.0	0	0	0.0	0	2	0.0	0	2
	A-V GRAFT	0.0	0	1	0.0	0	3	0.0	0	3
	PERCUTANEOUS-OTHER ACCESS	0.0	0	0	0.0	0	3	0.0	0	3
	AMPUTATION, DIGIT	0.3	1	9	2.5	3	21	2.8	3	22
	AMPUTATION, TRANSMETATARSAL	0.4	1	16	2.0	2	20	2.3	3	26
	AMPUTATION, BELOW KNEE	0.7	1	9	4.3	3	27	5.1	4	34
	AMPUTATION, ABOVE KNEE	0.6	1	7	3.4	3	23	3.9	3	23
	AMPUTATION, UPPER EXTREMITY	0.0	0	3	0.1	0	5	0.1	0	5
	AMPUTATION CLOSURE, REVISION	0.1	0	4	0.5	1	7	0.6	1	10
	Subtotal - VASC-AMPUTATIONS	2.1	3	33	12.8	9	61	14.9	10	79
	ENDOCRINE	THYROIDECTOMY, PARTIAL OR TOTAL	7.3	8	57	14.8	11	69	22.1	14
PARATHYROIDECTOMY		3.2	4	42	6.4	6	44	9.7	8	65
ADRENALECTOMY		1.1	2	15	0.7	1	8	1.9	2	17
PANCREATIC ENDOCRINE PROC		0.4	1	9	0.3	1	6	0.7	1	12
OTHER MAJOR ENDOCRINE		0.0	0	3	0.0	0	2	0.1	0	3
Subtotal - ENDOCRINE		12.1	13	83	22.3	16	106	34.4	21	164
HAND	SOFT TISSUE REPAIR/GRAFT	0.0	0	1	0.0	0	2	0.0	0	2
	TENDON REPAIR/TRANSFER	0.0	0	4	0.3	1	11	0.4	1	11
	NERVE REPAIR	0.0	0	6	0.3	1	4	0.3	1	7
	VASCULAR REPAIR	0.0	0	1	0.0	0	2	0.0	0	2
	REPLANTATION	0.0	0	0	0.0	0	2	0.0	0	2
	OTHER MAJOR HAND	0.2	2	46	1.7	3	37	1.8	4	50
	Subtotal - HAND	0.2	2	48	2.3	4	49	2.5	5	52

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RRC Area	RRC Procedure									
THORACIC	EXPLOR THORACOTOMY-OPEN	0.6	1	8	3.2	3	20	3.8	3	21
	EXPLOR THORACOTOMY W/WO BX-THORACOS	0.6	1	23	3.8	4	39	4.4	4	40
	PLEURODESIS-THORACOSCOPIC	0.4	1	9	2.9	3	29	3.3	3	30
	REPAIR DIAPH HERNIA	0.2	1	5	0.5	1	35	0.7	1	36
	EXCISION MEDIASTINAL TUMOR	0.1	1	12	0.8	2	18	0.9	2	21
	PNEUMONECTOMY	0.1	0	3	0.3	1	5	0.4	1	5
	LOBECTOMY/SEGMENTAL RESECT LUNG-OPEN	0.6	2	17	2.9	3	23	3.6	4	23
	LOBECTOMY/SEGMENTAL RESECT LUNG-THORACOS	0.5	1	17	2.4	3	37	2.9	4	37
	WEDGE RESECTION LUNG-OPEN	0.1	1	7	0.9	1	14	1.0	1	14
	WEDGE RESECTION LUNG-THORACOSCOPIC	0.7	2	15	4.3	5	36	5.0	5	41
	THORACIC OUTLET DECOMPRESS PROC	0.0	0	5	0.1	1	6	0.2	1	10
	OPEN DRAINAGE OF EMPYEMA	0.0	0	3	0.2	1	4	0.2	1	6
	PERICARDIECTOMY	0.2	1	6	0.9	2	32	1.1	2	32
	PERICARD WINDOW FOR DRAINAGE-THORACOSCOP	0.1	0	3	0.4	1	6	0.5	1	6
	PACEMAKER INSERTION	0.1	0	5	0.9	2	25	0.9	2	25
	CARDIAC PROCEDURES	0.4	3	55	2.2	6	80	2.6	7	113
	SYMPATHECTOMY, THORACOLUMBAR-THORACOSCOP	0.0	0	3	0.2	1	9	0.3	1	9
	ESOPHAGOMYOTOMY (HELLER)-THORACOSCOPIC	0.0	0	3	0.0	0	3	0.1	0	3
	OTHER MAJOR THORACIC	0.9	2	26	5.5	5	59	6.4	6	60
	Subtotal - THORACIC	5.6	9	99	32.5	19	172	38.1	22	236

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RRC Area	RRC Procedure									
PEDIATRIC	HERNIORRHAPHY, INGUINAL/UMBILICAL	0.6	2	17	15.0	10	86	15.6	10	86
	REP BRANCHIAL CLEFT ANOM/THYRO DUCT CYST	0.0	0	2	0.5	1	8	0.6	1	8
	REPAIR DEFORMITY CHEST WALL	0.0	0	3	0.5	1	15	0.6	1	15
	REPAIR DIAPHRAGMATIC HERNIA	0.0	0	2	0.2	1	6	0.3	1	6
	ANTIREFLUX PROCEDURE-OPEN (PEDS)	0.1	0	8	0.6	1	11	0.6	1	11
	ANTIREFLUX PROCEDURE-LAPAROSCOPIC (PEDS)	0.1	0	5	1.0	2	39	1.1	2	39
	REP ESOPH ATRESIA/TRACHEO-ESOPH FIST	0.0	0	3	0.2	1	6	0.3	1	6
	REP INTESTINAL ATRESIA/STENOSIS	0.1	1	7	1.0	1	11	1.1	2	11
	REPAIR PYLORIC STENOSIS	0.2	1	8	2.6	3	18	2.8	3	18
	OPERATION FOR MALROTATION/INTUSSUSCEPT	0.1	0	4	1.0	1	9	1.1	1	9
	PROC FOR MECONIUM ILEUS/NEC ENTEROCOLIT	0.0	0	3	0.3	1	7	0.3	1	7
	DEFIN OP FOR HIRSCHSPRUNGS/IMPERF ANUS	0.1	0	5	0.5	1	8	0.6	1	8
	EXC WILMs TUMOR/NEUROBLASTOMA	0.0	0	2	0.1	0	5	0.2	0	5
	REP OMPHALOCELE/GASTROSCHISIS	0.1	0	5	0.9	1	15	1.0	2	15
	REPAIR OF EXSTROPHY	0.0	0	0	0.0	0	1	0.0	0	1
	REPAIR EPI- AND HYPO-SPDIAS	0.0	0	10	0.2	1	17	0.2	1	17
	ORCHIOPEXY	0.1	0	7	1.2	2	16	1.3	2	16
	OTHER MAJOR PEDIATRIC	0.1	1	7	1.5	2	12	1.6	2	12
	Subtotal - PEDIATRIC	1.7	5	51	27.3	16	134	29.1	16	135

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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	5	0.4	1	13	0.5	1	18
	CYSTOSTOMY	0.0	0	2	0.1	0	6	0.1	0	6
	CYSECTOMY	0.0	0	2	0.1	0	6	0.1	0	7
	NEPHRECTOMY (W/ DONOR NEPH SEE TRANSPLT)	0.3	1	8	1.2	2	16	1.5	2	16
	ILEAL URINARY CONDUIT	0.0	0	3	0.0	0	3	0.1	0	3
	OTHER MAJOR GENITO-URINARY	0.2	0	6	0.9	1	14	1.1	2	15
	OTHER MAJOR GENITO-URINARY - LAP BASIC	0.1	0	6	0.5	1	10	0.6	1	10
	OTHER MAJOR GENITO-URINARY - LAP COMPLEX	0.0	0	4	0.1	1	12	0.1	1	13
	Subtotal - GENITO-URINARY	0.7	1	11	3.3	4	29	4.0	4	38
	GYNECOLOGY	HYSTERECTOMY (ALL)	0.1	1	40	0.5	2	40	0.6	3
SALPINGO-OOPHORECTOMY		0.1	1	21	0.4	1	17	0.6	2	38
OTHER MAJOR GYNECOLOGY		0.2	1	19	0.8	2	33	0.9	2	33
OTHER MAJOR GYNECOLOGY - LAPAROSCOPIC		0.0	1	23	0.2	1	19	0.2	1	28
Subtotal - GYNECOLOGY		0.5	3	86	1.8	5	68	2.3	6	150
PLASTIC	REPAIR CLEFT LIP/CLEFT PALATE	0.0	0	4	0.1	0	8	0.1	1	8
	MAJOR RECONSTRUCTIVE PROC	0.3	1	8	2.7	4	34	3.1	4	34
	SKIN-GRAFTING, NONBURN (ALL)	0.5	1	11	4.3	5	60	4.7	5	60
	COMPOSITE TISSUE TRANSFER	0.6	1	20	1.6	3	27	2.2	3	38
	BURN DEBRIDEMENT AND/OR GRAFTING	0.2	1	28	7.0	13	185	7.2	13	187
	REDUCTION AND STABILIZATION OF MAXILLOFACIAL FRACTURES	0.0	0	3	0.3	1	18	0.3	1	18
	OTHER MAJOR PLASTIC	0.5	1	13	4.4	5	62	4.9	6	63
	Subtotal - PLASTIC	2.2	3	29	20.5	18	232	22.6	19	239

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**SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105

		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									
NERVOUS SYSTEM	CRANIAL DECOMPRESSION/EXPLORATION	0.0	0	1	0.0	0	6	0.0	0	6
	OTHER MAJOR NERVOUS SYSTEM	0.0	0	1	0.0	0	5	0.0	0	5
	Subtotal - NERVOUS SYSTEM	0.0	0	1	0.1	0	6	0.1	0	6
ORTHOPAEDICS	OPEN OPERATIONS ON BONE OR JOINTS	0.0	0	0	0.0	0	2	0.0	0	2
	ARTHROSCOPY	0.0	0	9	0.1	1	6	0.1	1	11
	OPEN REDUCTION OF OPEN/CLOSED FRACTURE	0.0	0	9	0.2	1	18	0.3	1	19
	CLOSED REDUCTION OF FRACTURE	0.0	0	7	0.3	1	15	0.3	1	15
	OTHER MAJOR ORTHOPAEDICS	0.1	0	4	0.7	1	15	0.8	1	15
	Subtotal - ORTHOPAEDICS	0.1	1	20	1.4	3	33	1.5	3	34
ORGAN TRANSPLANT	LIVER TRANSPLANT	0.2	1	11	0.8	2	14	0.9	2	15
	RENAL TRANSPLANT	0.7	2	30	5.2	6	47	5.9	6	48
	PANCREAS TRANSPLANT	0.0	0	2	0.2	1	5	0.2	1	5
	DONOR NEPHRECTOMY	0.1	1	11	1.0	2	36	1.1	2	36
	DONOR HEPATECTOMY	0.1	1	7	0.9	2	27	1.0	2	27
	EN BLOC ABD ORGAN RETRIEVAL	0.0	0	5	0.2	1	7	0.2	1	7
	OTHER MAJOR ORGAN TRANSPLANT	0.0	0	3	0.3	1	15	0.4	1	15
	Subtotal - ORGAN TRANSPLANT	1.1	3	31	8.5	9	81	9.6	10	81

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Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105

		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	5	0.2	1	6	0.2	1	6
	ESOPH TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	3	0.0	0	2	0.1	0	3
	GASTRIC TRAUMA-CLOSURE/RESECT/EXCLUSION	0.1	0	3	0.3	1	6	0.4	1	6
	DUODENAL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	3	0.0	0	4	0.1	0	4
	SM BOWEL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.4	1	7	1.2	2	18	1.6	2	19
	COLON TRAUMA-CLOSURE/RESECT/EXCLUSION	0.4	1	8	1.2	2	14	1.6	2	14
	NECK EXPLOR FOR TRAUMA	0.3	1	6	0.8	1	7	1.1	1	7
	EXPLOR THORACOTOMY - OPEN	0.5	1	8	1.5	2	15	2.0	2	18
	EXPLOR THORACOTOMY - THORACOSCOPIC	0.1	0	5	0.2	1	9	0.3	1	9
	EXPLOR LAPAROTOMY - OPEN	1.6	3	22	6.3	6	34	7.9	6	45
	SPLENECTOMY/SPLENORRHAPHY-OPEN	0.5	1	7	1.6	2	13	2.2	2	14
	REPAIR/DRAINAGE HEPATIC LACS-OPEN	0.3	1	11	0.8	1	16	1.2	2	16
	HEPATIC RESECTION FOR INJURY	0.0	0	4	0.1	0	4	0.2	0	5
	DRAINAGE PANCREATIC INJURY	0.0	0	5	0.1	0	3	0.1	0	6
	RESECTION OF PANCREATIC INJURY	0.1	0	3	0.1	0	3	0.2	0	3
	CLOSED REDUCT OF FRACTURE	0.0	0	3	0.0	0	11	0.0	0	11
	DEBRIDE/SUTURE MAJOR WOUNDS	0.3	1	23	2.8	5	66	3.1	5	66
	REPAIR BLADDER INJURY	0.1	0	3	0.3	1	5	0.3	1	5
	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	7	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	0.0	0	2	0.1	0	2
	REPAIR OF ABDOMINAL AORTA OR VENA CAVA	0.0	0	4	0.1	0	5	0.1	0	5
	REP PERIPHERAL VESSELS	0.1	1	8	0.4	1	12	0.5	1	13
	FASCIOTOMY FOR INJURY	0.1	0	6	0.7	1	7	0.8	1	8
	REPAIR OTHER MAJOR VASC INJURY (TR1)	0.1	0	3	0.2	0	4	0.2	1	4
	MANAGEMENT CARDIAC INJURY	0.1	0	3	0.2	0	4	0.2	1	4
	OTHER MAJOR TRAUMA	0.6	1	8	2.2	2	19	2.7	3	22
	Subtotal - TRAUMA	5.9	7	67	21.6	16	138	27.5	18	139

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**SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105

		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	0.0	0	4	0.4	1	17	0.4	1	17	
	BRONCHOSCOPY	0.6	2	19	7.7	9	83	8.3	10	84	
	SCLEROTHERAPY/BANDING ESOPH VARICES	0.0	0	1	0.0	0	3	0.0	0	3	
	ESOPHAGO-GASTRO-DUODENOSCOPY	8.3	11	97	31.4	19	230	39.7	20	308	
	PERCUTAN ENDO GASTROSTOMY (PEG)	1.7	3	23	9.0	9	70	10.6	11	82	
	ERCP W/WO PAPILOTOMY	0.1	1	13	0.3	2	42	0.4	2	55	
	SIGMOIDOSCOPY, RIGID/FLEXIBLE	0.8	2	14	2.9	3	28	3.7	4	32	
	FLEXIBLE COLONOSCOPY W/WO BX/POLYPECT	16.4	21	237	49.6	29	198	66.0	26	277	
	CHOLEDOCHOSCOPY	0.0	0	2	0.0	0	2	0.0	0	3	
	CYSTO/URETHROSCOPY	0.0	0	6	1.1	6	168	1.2	6	168	
	OTHER ENDOSCOPY	0.3	1	9	1.4	3	84	1.8	3	84	
	Subtotal - ENDOSCOPY (NOT MAJOR CRED)		28.2	29	289	104.0	49	576	132.2	47	688
	MISCELLANEOUS (NOT FOR MAJOR CREDIT)	REMOVE SKIN MOLES, SMALL TUMORS, ETC	0.4	1	14	6.7	8	64	7.1	8	69
REMOVAL SUBCUT SMALL TUMORS, CYSTS, FBs		0.2	1	8	3.5	4	38	3.7	4	39	
REPAIR MINOR WOUNDS AND GRAFTS		0.1	0	5	1.1	2	25	1.2	2	25	
BANDING/INCISION THROMBOSED HEMORRHOID		0.1	0	4	0.3	1	8	0.4	1	8	
ENDORECTAL ULTRASOUND [MISCELLANEOUS]		0.0	0	3	0.0	0	5	0.0	0	5	
OTHER PROCEDURES		5.0	9	216	64.0	62	1,246	69.0	70	1,462	
Subtotal - MISC (NOT MAJOR CRED)			5.8	10	220	75.7	68	1,308	81.5	75	1,528

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**SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105

		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	10.4	22	306	40.5	137	4,280	50.9	142	4,379
	Subtotal - PATIENT CARE (NOT MAJOR CRED)	10.4	22	306	40.5	137	4,280	50.9	142	4,379
SURGICAL CRITICAL CARE PAT MGMNT	VENTILATORY MANAGEMENT	4.8	7	73	16.0	24	396	20.8	23	396
	BLEED (NON-TRAUMA) > 3 UNITS	1.8	2	21	3.8	7	189	5.5	7	189
	HEMODYNAMIC INSTABILITY	3.4	5	38	8.9	13	212	12.3	13	212
	ORGAN DYSFUNCTION	3.6	6	70	9.3	20	493	12.9	21	493
	DYSRHYTHMIAS	1.8	3	24	4.4	9	161	6.2	9	161
	INVASIVE LINE MANAGE/MONITORING	4.4	7	73	13.1	17	156	17.5	17	157
	PARENTERAL/ENTERAL NUTRITION	3.1	5	69	9.7	20	436	12.8	20	436
	Subtotal - CRITCARE PAT MAN (NOT MAJ CRED)	22.9	30	279	65.2	97	1,731	88.1	95	1,731
TOTAL FOR CREDIT	Major Operations	240.5	61	652	741.7	145	1,619	982.2	162	2,009

Statistics are based upon primary credit procedures logged in the indicated roles, except Surgical Critical Care Patient Management, which includes all procedures.

# SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Surgery

Report Date: October 27, 2014

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Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105

	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	4	6	8	12	17	25	33	38	44	59	0	1	2	3	5	0	0	1	2	3	34	41	48	55	71
HEAD/NECK	1	2	3	4	8	10	15	19	24	37	0	0	1	1	3	0	0	0	1	2	11	18	22	28	42
BREAST	2	4	7	11	19	33	44	53	65	80	0	0	0	1	2	0	1	1	3	8	38	52	62	75	92
ALIM TR-ESOPHAGUS	1	3	4	6	11	2	4	5	6	11	0	0	0	0	0	0	0	1	1	3	4	7	9	13	20
ALIM TR-STOMACH	4	6	9	15	26	10	15	20	26	40	0	0	1	1	2	0	1	1	3	6	18	25	30	39	58
ALIM TR-SMALL INT	7	10	12	15	22	15	20	23	26	36	0	1	1	2	3	0	0	1	1	3	25	31	35	42	53
ALIM TR-LARGE INT	27	34	39	47	59	62	79	96	116	136	2	4	6	8	13	1	2	3	6	14	98	119	139	156	185
ALIM TR-ANO-RECTAL	1	3	6	8	13	13	18	22	27	34	0	0	1	1	2	0	0	0	1	3	17	23	28	35	43
ABDOMEN-GENERAL	6	9	11	14	19	14	19	22	27	36	0	1	1	2	3	0	0	1	2	4	24	30	34	41	52
ABDOMEN-LIVER	2	3	4	5	8	2	3	4	6	9	0	0	0	0	0	0	0	0	1	1	5	7	9	11	15
ABDOMEN-BILIARY	17	24	31	38	48	58	75	93	112	137	1	3	5	9	15	0	2	3	6	17	82	106	124	145	177
ABDOMEN-PANCREAS	2	3	5	7	13	1	2	3	5	8	0	0	0	0	1	0	0	0	1	1	4	6	8	12	20
ABDOMEN-SPLEEN	0	1	1	2	2	0	1	1	2	3	0	0	0	0	0	0	0	0	0	1	1	2	3	4	4
ABDOMEN-HERNIA	15	23	30	36	50	67	80	92	106	126	1	2	4	6	10	0	1	3	5	13	90	107	123	142	163
VASC - ANEURYSM REPAIR	0	0	1	3	6	1	3	4	6	9	0	0	0	0	0	0	0	0	1	2	2	4	6	8	13
VASC - CEREBROVASCULAR	0	1	2	4	10	2	4	7	10	16	0	0	0	0	0	0	0	0	1	3	3	7	10	15	23
VASC - PERIPH OBSTRUCTIVE	0	1	3	7	15	6	9	12	17	26	0	0	0	0	1	0	0	1	1	3	9	13	17	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	2
VASC - EXTRA-ANATOMIC	0	0	0	1	1	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3
VASC - THROMBOLYSIS/MECH THROMB	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
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	1	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	0	1	4	2	4	6	10	17	0	0	0	0	0	0	0	0	0	1	2	4	7	12	19
VASC - MISCELLANEOUS VASCULAR	0	1	1	2	3	2	3	4	6	8	0	0	0	0	0	0	0	0	0	1	3	4	5	7	10
VASC - VASCULAR ACCESS	0	1	3	6	13	13	20	25	34	49	0	0	0	0	1	0	0	0	1	4	17	24	30	38	57
ENDOCRINE	3	6	8	14	25	7	13	18	25	40	0	0	0	0	1	0	0	1	2	4	14	21	31	40	56
HAND	0	0	0	0	1	0	1	1	3	6	0	0	0	0	0	0	0	0	0	1	0	1	2	3	7
THORACIC	1	2	4	7	15	16	23	29	39	50	0	0	0	0	1	0	1	2	4	8	20	27	34	44	63
PEDIATRIC	0	0	1	1	4	14	20	24	31	44	0	0	0	0	0	0	0	0	1	5	16	21	25	33	46

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# SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

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[PAGE 2 ]      Number of Programs in the Nation: 243    Number of Residents in the Nation: 1,105																									
	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	1	2	5
PLASTIC	0	1	2	3	5	8	12	17	23	38	0	0	0	1	1	0	0	0	1	3	10	13	18	26	42
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	1	0	0	1	2	3	0	0	0	0	0	0	0	0	0	1	0	1	1	2	4
ORGAN TRANSPLANT	0	0	0	0	3	1	4	6	10	16	0	0	0	0	0	0	0	0	1	2	2	4	7	11	19
TRAUMA	1	2	4	7	13	10	14	18	25	37	0	0	1	1	3	0	0	1	1	4	14	18	22	31	50
ENDOSCOPY (NOT FOR MAJOR CREDIT)	5	13	22	37	62	54	79	105	125	155	0	0	1	1	2	0	0	0	1	4	100	111	125	145	183
MISCELLANEOUS (NOT FOR MAJOR CREDIT)	1	3	5	7	12	32	50	69	91	122	0	1	1	2	4	0	1	1	3	7	35	53	74	97	136
SURGICAL CRITICAL CARE PAT MGMNT	3	9	18	31	49	18	37	52	77	116	0	0	0	0	0	0	0	0	0	0	48	63	77	94	142
TOTAL FOR CREDIT	188	215	235	259	314	618	676	732	798	906	11	21	29	40	61	5	16	27	51	124	846	909	979	1,046	1,164

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