



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 2014-2015
Residency Review Committee for Surgery
Report Date: September 14, 2015

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Number of Programs in the Nation: 246 Number of Residents in the Nation: 1,142

		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	11	2.5	3	15	3.4	3	19
	MAJ EXC & REP/GRAFT FOR SKIN NEOPLASM	2.0	3	33	9.2	7	56	11.2	8	72
	SENTINEL LYMPH NODE BIOPSY FOR MELANOMA	0.8	1	15	2.6	3	39	3.3	4	39
	RAD EXCIS SOFT TIS TUMOR	0.8	1	9	1.8	3	35	2.6	3	38
	PILONIDAL CYSTECTOMY	0.7	1	10	4.2	3	24	4.8	3	26
	OTHER MAJOR SKIN/SOFT TIS	5.0	6	93	23.1	14	98	28.1	17	141
	Subtotal - SKIN/SOFT TIS	10.1	8	99	43.4	19	111	53.5	22	155
HEAD/NECK	RESECT LESION-LIPS	0.0	0	1	0.1	0	4	0.1	0	4
	RESECT LESION-TONGUE	0.0	0	1	0.2	1	4	0.2	1	4
	RESECT LESION-FLOOR MOUTH/BUCCAL MUC	0.0	0	1	0.1	0	5	0.1	0	5
	PAROTIDECTOMY	0.2	0	5	0.5	1	13	0.7	1	13
	RESECT OTHER SALIVARY GLND	0.0	0	2	0.2	1	7	0.2	1	7
	RADICAL NECK DISSECT	0.4	1	14	1.0	2	37	1.4	3	48
	RESECT MANDIBLE/MAXILLA	0.0	0	1	0.0	0	2	0.0	0	2
	TRACHEOSTOMY	2.0	3	35	12.0	10	86	14.0	11	121
	OTHER MAJOR HEAD/NECK	0.7	1	10	5.3	4	35	6.0	5	44
	Subtotal - HEAD/NECK	3.4	4	35	19.3	12	93	22.7	14	123
BREAST	BREAST BIOPSY	1.5	3	35	14.7	14	93	16.3	15	104
	SENTINEL LYMPH NODE BIOPSY (BREAST)	0.7	2	22	4.0	5	32	4.6	6	39
	SIMPLE MASTECTOMY	1.8	3	22	9.0	6	42	10.8	8	55
	MOD RAD MASTECTOMY	0.8	2	16	4.5	4	34	5.3	4	50
	RADICAL MASTECTOMY	0.0	0	2	0.1	0	4	0.2	0	4
	EXC BX/QUADRANT EXC W/WO AX SAMPLING	2.1	3	27	17.5	13	95	19.6	14	97
	BREAST RECONSTRUCTION	0.4	2	31	4.2	7	55	4.6	8	77
	OTHER MAJOR BREAST	0.3	1	6	2.0	2	20	2.3	2	20
	Subtotal - BREAST	7.8	9	62	56.0	26	147	63.8	30	198

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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	11	0.6	1	16	1.1	2	17	
	ESOPHAGO-GASTRECTOMY	0.4	1	8	0.6	1	10	1.0	2	10	
	ANTIREFLUX PROC-OPEN	0.3	1	7	0.8	1	13	1.1	2	13	
	ANTIREFLUX PROC-LAPAROSCOPIC	3.5	4	30	3.5	4	53	7.0	6	53	
	ESOPHAGEAL BYPASS PROCEDURE	0.0	0	3	0.0	0	7	0.1	0	10	
	REPAIR OF PERF-ESOPH DISEASE	0.0	0	2	0.0	0	2	0.1	0	2	
	OTHER OPS FOR ESOPHAGEAL STENOSIS	0.0	0	2	0.1	0	3	0.1	0	4	
	ESOPHAGEAL DIVERTICULECTOMY	0.0	0	3	0.1	0	2	0.2	0	3	
	OTHER MAJOR ESOPHAGUS	0.1	0	4	0.2	1	4	0.3	1	5	
	Subtotal - ALIM TR-ESOPHAGUS		4.9	5	39	5.9	6	56	10.8	8	68
ALIM TR-STOMACH	GASTROSTOMY (ALL TYPES)-OPEN	1.0	1	11	3.3	4	63	4.3	4	72	
	GASTROSTOMY (ALL TYPES)-LAPAROSCOPIC	0.5	1	10	2.2	3	23	2.7	3	29	
	GASTRIC RESECT, PARTIAL-OPEN	1.8	2	33	1.6	2	11	3.4	3	38	
	GASTRIC RESECT, PARTIAL-LAPAROSCOPIC	5.2	10	99	6.3	9	74	11.5	15	124	
	GASTRIC RESECT, TOTAL	0.6	1	8	0.4	1	7	0.9	1	8	
	VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-OPEN	0.1	0	5	0.1	0	3	0.2	1	6	
	VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-LAPAR	0.0	0	1	0.0	0	1	0.0	0	1	
	REPAIR PERF-GASTRIC DIS	0.8	1	6	1.4	2	16	2.3	2	19	
	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)	1.5	5	46	2.4	5	42	4.0	8	73	
	GASTRIC REDUC FOR MORBID OBESITY-LAP	0.7	2	16	2.4	6	70	3.1	6	70	
	OTHER MAJOR STOMACH [no open/close dist]	1.1	2	23	2.3	2	17	3.4	3	30	
	Subtotal - ALIM TR-STOMACH		13.4	13	120	22.4	16	120	35.8	22	173

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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-SMALL INT	ENTEROLYSIS - OPEN	1.6	2	27	3.0	3	22	4.5	5	32	
	ENTEROLYSIS-LAPAROSCOPIC	1.2	2	16	2.2	3	34	3.4	4	44	
	ENTERECTOMY - OPEN	6.2	4	31	10.5	6	39	16.7	8	60	
	ENTERECTOMY-LAPAROSCOPIC	0.5	1	7	0.7	1	18	1.2	2	21	
	REPAIR PERF-DUODENAL DIS	0.2	0	4	0.2	1	5	0.4	1	5	
	REPAIR PERF-SMALL BOWEL DIS	0.9	1	7	2.0	2	11	2.8	2	14	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-OPEN	0.7	1	13	1.5	2	19	2.3	2	20	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-LAP	0.7	1	11	1.0	1	11	1.6	2	14	
	DIVERTICULECTOMY	0.1	0	2	0.3	1	6	0.4	1	6	
	OTHER MAJOR SMALL INT	1.0	1	10	2.1	2	14	3.0	3	18	
	Subtotal - ALIM TR-SMALL INT		13.1	7	63	23.5	12	85	36.6	15	124
ALIM TR-LARGE INT	APPENDECTOMY-OPEN	0.9	1	11	7.3	7	51	8.2	7	51	
	APPENDECTOMY-LAPAROSCOPIC	8.8	8	91	45.7	22	150	54.6	25	188	
	COLOSTOMY (ALL TYPES)	2.4	2	13	4.3	3	20	6.7	4	24	
	COLOSTOMY CLOSURE	1.5	2	15	2.7	3	19	4.2	4	28	
	COLECTOMY/PROCTECTOMY-OPEN	13.4	7	42	20.5	10	67	33.8	13	94	
	COLECTOMY/PROCTECTOMY-LAPAROSCOPIC	11.1	9	93	11.2	8	52	22.2	14	117	
	COLECTOMY W/ ILEOANAL PULL-THRU	0.2	1	6	0.3	1	5	0.4	1	9	
	COLECTOMY W/ CONTINENT RECONSTRUCT	0.1	0	4	0.3	1	7	0.4	1	7	
	ABDOMINO-PERINEAL RESECTION	1.3	2	10	1.2	2	19	2.5	3	19	
	TRANSANAL RECTAL TUMOR EXCISION	0.3	1	6	1.0	2	15	1.3	2	15	
	REPAIR PERF-COLON DIS	0.3	1	5	0.5	1	4	0.8	1	7	
	OTHER MAJOR LARGE INT	0.3	1	8	0.7	1	9	1.0	1	13	
	Subtotal - ALIM TR-LARGE INT		40.6	18	147	95.6	34	249	136.2	41	303

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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-ANO-RECTAL	HEMORRHOIDECTOMY (ALL)	1.8	3	42	7.2	5	33	9.1	6	59
	SPHINCTEROTOMY/SPHINCTEROPLASTY	0.4	1	17	1.3	2	36	1.7	3	53
	DRAINAGE PROC FOR ANORECTAL ABSCESS	1.3	2	14	5.9	4	34	7.2	5	35
	REPAIR ANORECTAL FISTULA	0.4	1	10	0.9	1	13	1.3	2	17
	OTHER OPERATIONS FOR ANAL INCONTINENCE	0.0	0	3	0.1	0	4	0.2	0	4
	REPAIR RECTAL PROLAPSE	0.4	1	6	0.7	1	11	1.1	1	13
	OTHER MAJOR ANO-RECTAL	2.1	3	29	6.8	5	52	8.9	6	55
	Subtotal - ALIM TR-ANO-RECTAL	6.6	7	53	22.9	12	94	29.5	15	133
ABDOMEN-GENERAL	EXP LAP EXCLUSIVE OF TRAUMA-OPEN	7.1	6	61	14.1	9	94	21.2	13	155
	EXP LAP EXCLUSIVE OF TRAUMA-LAPAR	3.7	4	31	7.7	6	49	11.4	8	77
	DRAINAGE INTRA-ABDOMINAL ABSCESS	0.3	1	8	0.7	1	18	1.0	2	26
	MAJ RETROPERIT/PELVIC NODE DISSEC-OPEN	0.2	1	7	0.2	0	5	0.4	1	7
	OTHER MAJOR AB-GENERAL-LAP COMPLEX	0.3	1	8	0.5	1	11	0.8	1	11
	OTHER MAJOR AB-GENERAL	1.4	2	11	2.3	2	18	3.8	3	28
	Subtotal - ABDOMEN-GENERAL	13.0	8	70	25.6	13	121	38.5	18	188
ABDOMEN-LIVER	LOBECTOMY OR SEGMENTECTOMY	3.0	3	31	2.5	3	20	5.5	5	39
	WEDGE RESECTION/OPEN BIOPSY	0.9	1	13	1.2	2	14	2.1	2	17
	DRAINAGE LIVER ABSCESS	0.2	1	7	0.3	1	4	0.5	1	8
	OTHER MAJOR LIVER	0.7	1	12	1.0	2	17	1.7	2	17
	Subtotal - ABDOMEN-LIVER	4.8	4	32	5.1	4	34	9.8	6	50

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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									
ABDOMEN-BILIARY	CHOLECYSTOSTOMY	0.1	0	6	0.2	0	6	0.2	1	6
	CHOLECYSTECTOMY W/WO OPER GRAMS-OPEN	2.4	2	15	6.1	4	25	8.4	5	37
	CHOLECYSTECTOMY W/WO OPER GRAMS-LAPAR	26.2	16	114	82.8	34	283	109.0	40	340
	COMMON BILE DUCT EXPLOR-OPEN	0.4	1	5	0.5	1	9	0.9	1	9
	COMMON BILE DUCT EXPLOR-LAPAR	0.2	1	5	0.5	1	12	0.7	1	12
	CHOLEDOCHOENTERIC ANASTOMOSIS	0.8	1	8	0.8	1	22	1.6	2	22
	SPHINCTEROPLASTY (ODDI)	0.0	0	2	0.0	0	3	0.1	0	4
	OTHER MAJOR BILIARY	0.2	1	11	0.2	1	28	0.4	1	39
	Subtotal - ABDOMEN-BILIARY	30.2	17	125	91.1	35	298	121.3	42	366
ABDOMEN-PANCREAS	DRAINAGE PANCREATIC ABSCESS	0.1	0	4	0.1	0	4	0.1	0	6
	RESECTION FOR PANCREATIC NECROSIS	0.3	1	11	0.4	1	9	0.7	1	11
	PANC RESECTION, DISTAL	1.9	2	14	1.1	2	18	3.0	3	26
	PANC RESECTION, WHIPPLE	3.7	4	30	1.7	2	16	5.4	5	34
	PANC RESECTION, TOTAL	0.2	1	7	0.1	0	4	0.3	1	7
	DRAINAGE PSEUDOCYST (ALL TYPES)	0.3	1	4	0.3	1	9	0.5	1	10
	PANCREATICOJEJUNOSTOMY	0.2	0	4	0.1	0	6	0.3	1	7
	OTHER MAJOR PANCREAS	0.3	1	4	0.2	1	5	0.5	1	6
	Subtotal - ABDOMEN-PANCREAS	6.8	6	43	4.0	4	51	10.8	8	73
ABDOMEN-SPLEEN	SPLENECTOMY FOR DISEASE-OPEN	0.7	1	8	0.8	1	5	1.4	1	8
	SPLENECTOMY FOR DISEASE-LAPAR	0.6	1	8	0.7	1	8	1.3	1	12
	Subtotal - ABDOMEN-SPLEEN	1.3	1	11	1.4	1	10	2.7	2	16
ABDOMEN-HERNIA	INGUINAL-FEMORAL (ALL)-OPEN	9.4	7	61	38.9	16	115	48.3	18	130
	INGUINAL-FEMORAL (ALL)-LAPAROS	10.9	10	72	20.4	13	105	31.4	19	176
	VENTRAL	10.6	7	52	35.1	13	130	45.8	16	153
	OTHER MAJOR HERNIAS	0.1	0	3	0.3	1	4	0.5	1	6
	Subtotal - ABDOMEN-HERNIA	31.1	17	109	94.8	30	225	125.9	35	314

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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 - ANEURYSM REPAIR	OPEN REPAIR INFRARENAL A-I ANEURYSM, RUPTURED	0.1	0	3	0.2	1	5	0.4	1	5	
	OPEN REPAIR INFRARENAL A-I ANEURYSM, ELECTIVE	0.4	1	9	0.6	1	12	1.0	2	13	
	ENDOVASCULAR REPAIR ABD AORTIC/ILIAC ANEURYSM	0.9	2	14	2.2	3	19	3.1	4	30	
	ENDOVASCULAR REPAIR OF ILIAC ARTERY	0.0	0	2	0.1	0	5	0.1	0	5	
	REPAIR SUPRARENAL AORTIC ANEURYSM	0.0	0	3	0.1	0	3	0.1	0	5	
	REPAIR THORACIC AORTIC ANEURYSM	0.0	0	4	0.0	0	3	0.1	0	5	
	ENDOVASCULAR REPAIR THORACIC AORTIC ANEURYSM	0.1	1	6	0.3	1	5	0.4	1	7	
	REPAIR THORACOABDOMINAL AORTIC ANEURYSM	0.0	0	3	0.1	0	3	0.1	0	3	
	REPAIR FEMORAL ANEURYSM	0.2	1	11	0.5	1	8	0.7	1	13	
	REPAIR POPLITEAL ANEURYSM	0.1	0	4	0.2	0	4	0.3	1	5	
	REPAIR OTHER ANEURYSM - DEF CAT CREDIT	0.0	0	1	0.1	0	3	0.1	0	3	
	Subtotal - VASC-ANEURYSM REPAIR		2.0	3	28	4.4	4	29	6.4	6	57
	VASC - CEREBROVASCULAR	CAROTID ENDARTERECTOMY	3.0	5	57	7.0	6	45	9.9	9	83
REOPERATIVE CAROTID SURGERY		0.0	0	2	0.0	0	2	0.0	0	3	
TRANSCATHETER PLACEMENT CAROTID ARTERY STENT		0.1	0	4	0.1	0	4	0.2	1	7	
EXCISE CAROTID BODY TUMOR		0.0	0	2	0.0	0	2	0.1	0	3	
VERTEBRAL BYPASS OR REIMPLANTATION /TRANSPOSITION		0.0	0	2	0.0	0	1	0.0	0	2	
DIRECT REPAIR AORTIC ARCH BRANCHES		0.0	0	2	0.0	0	1	0.0	0	2	
TRANSLUMINAL BALLOON ANGIOPLASTY - BRACHIOCEPHALIC		0.0	0	2	0.2	1	10	0.2	1	10	
TRANSLUMINAL ATHERECTOMY - BRACHIOCEPHALIC		0.0	0	0	0.0	0	1	0.0	0	1	
TRANSCATHETER PLACE OF INTRAVASC STENT, NONCOR.		0.0	0	2	0.0	0	2	0.0	0	3	
CERVICAL BYPASS AORTIC ARCH BRANCHES		0.1	0	5	0.3	1	4	0.4	1	5	
EMBOLECTOMY/THROMBECTOMY BY NECK OR THORACIC INCIS		0.0	0	3	0.1	0	4	0.1	0	6	
OTHER MAJOR CEREBROVASCULAR - DEF CAT CREDIT		0.0	0	4	0.1	0	6	0.1	0	7	
Subtotal - VASC-CEREBROVASCULAR			3.3	5	61	7.8	7	45	11.1	9	92

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RRC Area	RRC Procedure									
VASC - PERIPH OBSTRUCTIVE	AORTO-ILIO/FEMORAL ENDARTERECTOMY	0.1	1	17	0.3	1	10	0.5	1	17
	AORTO-ILIO/FEMORAL BYPASS, PROSTHETIC	0.3	1	10	0.7	1	12	1.1	2	13
	AORTO-ILIO/FEMORAL BYPASS, VEIN	0.0	0	3	0.1	0	3	0.1	0	4
	TRANSLUMINAL BALLOON ANGIOPLASTY AORTA OR ILIAC	0.2	1	11	0.6	1	13	0.8	2	13
	TRANSLUMINAL ATHERECTOMY AORTA OR ILIAC	0.0	0	4	0.0	0	2	0.0	0	4
	TRANSCATHETER PLACEMENT INTRAVASC STENT AORTA	0.1	1	13	0.3	1	13	0.3	1	14
	ILIO-ILIAC/FEMORAL ENDARTERECTOMY	0.1	0	3	0.3	1	39	0.4	1	39
	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	2	0.0	0	2	0.0	0	2
	FEMORAL, PROFUNDA ENDARTERECTOMY	0.6	1	9	1.3	2	16	1.8	2	23
	FEMORAL-POPLITEAL BYPASS, VEIN	0.7	1	14	1.9	2	27	2.6	3	27
	FEMORAL-POPLITEAL BYPASS, PROSTHETIC	0.5	1	19	1.3	2	15	1.8	2	21
	TRANSLUMINAL BALLOON ANGIOPLASTY FEMORAL-POPLITEAL	0.4	2	24	1.4	2	24	1.8	3	30
	TRANSLUMINAL ATHERECTOMY FEMORAL-POPLITEAL	0.1	0	4	0.3	1	19	0.3	1	21
	ENDARTERECTOMY, SUPERFICIAL FEMORAL, POPLITEAL	0.3	1	7	0.6	1	10	0.9	1	11
	INFRAPOPLITEAL BYPASS, VEIN	0.6	1	10	1.6	2	12	2.1	3	16
	INFRAPOPLITEAL BYPASS, PROSTHETIC	0.1	0	7	0.3	1	8	0.5	1	9
	TRANSLUMINAL BALLON ANGIOPLASTY, TIBIOPERONEAL	0.1	1	12	0.4	1	10	0.6	1	14
	TRANSLUMINAL ATHERECTOMY, TIBIOPERONEAL	0.0	0	3	0.1	1	13	0.1	1	13
	TRANSCATHETER PLACE OF INTRAVASCULAR STENT NON-COR	0.1	1	10	0.5	1	27	0.6	2	27
	EXCISE INFECTED GRAFT, PERIPHERAL	0.1	0	4	0.5	1	8	0.6	1	8
	REVISE ARTERIAL BYPASS	0.1	1	14	0.4	1	7	0.6	1	16
	ARTERIAL EMBOLLECTOMY/THROMBECTOMY BY LEG INCISION	0.4	1	8	1.3	2	13	1.7	2	15
	GRAFT THROMBECTOMY	0.0	0	3	0.2	0	5	0.2	1	5
	ADJUNCTIVE VEIN CUFF OR AVF	0.0	0	2	0.0	0	2	0.0	0	2
	HARVEST ARM VEIN	0.0	0	2	0.0	0	5	0.1	0	5
	COMPOSITE LEG BYPASS GRAFT	0.0	0	1	0.0	0	4	0.0	0	4
	RE-DO LOWER EXTREMITY BYPASS	0.1	0	5	0.1	0	5	0.2	1	5
	OTHER MAJOR PERIPHERAL - DEF CAT CREDIT	0.0	0	0	0.0	0	1	0.0	0	1
	Subtotal - VASC-PERIPH OBST	5.2	8	75	14.7	11	98	20.0	14	115

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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	2	0.1	0	4	0.2	0	5
	RENAL ENDARTERECTOMY, BYPASS	0.0	0	1	0.0	0	1	0.0	0	1
	EMBOLECTOMY/THROMBECTOMY, RENAL	0.1	0	2	0.1	0	2	0.1	0	2
	TRANSLUMINAL BALLOON ANGIOPLASTY, RENAL	0.0	0	3	0.1	0	3	0.1	0	3
	TRANSLUMINAL ATHERECTOMY, RENAL	0.0	0	1	0.0	0	1	0.0	0	1
	TRANSCATHETER PLACE OF STENT, RENAL ARTERY	0.0	0	8	0.1	0	7	0.1	1	8
	Subtotal - VASC-ABDOMINAL OBSTRUCT		0.2	1	8	0.4	1	8	0.6	1
VASC - UPPER EXTREMITY	OPEN BRACHIAL ARTERY EXPOSURE	0.0	0	3	0.1	0	3	0.1	0	6
	ARM BYPASS,ENDARTERECTOMY,REPAIR	0.1	1	11	0.5	1	11	0.6	1	15
	TRANSCATH PLACE OF INTRAVASC STENT, NON	0.0	0	2	0.2	1	6	0.2	1	6
	THORACIC OUTLET DECOMPRESSION PROC	0.1	0	4	0.2	1	10	0.3	1	12
	EMBOLECTOMY/THROMBECTOMY, BY ARM INCISION	0.1	0	4	0.6	1	6	0.7	1	7
	Subtotal - VASC-UPPER EXTREMITY		0.4	1	12	1.5	2	16	1.9	2
VASC - EXTRA-ANATOMIC	AXILLO-FEMORAL BYPASS	0.2	1	7	0.4	1	6	0.6	1	8
	AXILLO-POPLITEAL-TIBIAL BYPASS	0.0	0	2	0.0	0	2	0.0	0	2
	FEMORAL-FEMORAL BYPASS	0.3	1	8	0.8	1	12	1.1	1	16
	Subtotal - VASC-EXTRA-ANATOMIC		0.5	1	15	1.2	2	14	1.7	2
VASC - THROMBOLYSIS/MECH	TRANSLUMINAL MECHANICAL THROMBECTOMY	0.1	0	4	0.3	1	9	0.4	1	9
	THROMBOLYSIS, TRANSARTERIAL, TRANSCATHETER	0.1	0	4	0.2	1	9	0.3	1	10
	EXCHANGE OF THROMBOLYSIS CATHETER	0.0	0	1	0.0	0	2	0.0	0	2
	Subtotal - VASC-THROMBOLYSIS/MECH THROMB		0.1	1	4	0.5	1	10	0.7	1
VASC - MISC ENDOVASC THERAP	ENDO PLACE OF ILIAC ARTERY OCCLUSION DEV	0.0	0	3	0.0	0	4	0.1	0	4
	TRANSCATHETER THERAPY, INFUSION NON	0.0	0	2	0.0	0	4	0.0	0	4
	TRANSCATHETER RETRIEVAL OF INTRAVASCULAR	0.0	0	2	0.1	0	9	0.1	0	9
	TRANSCATHETER ARTERIAL OCCLUSION OR	0.0	0	4	0.1	1	11	0.2	1	11
	TRANSCATHETER PLACE OF WIRELESS SENSOR	0.0	0	0	0.0	0	1	0.0	0	1
	Subtotal - VASC-MISC ENDOVASC THERA		0.1	0	5	0.3	1	11	0.4	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 - TRAUMA	EXPOSURE OF THORACIC VESSELS	0.0	0	1	0.0	0	1	0.0	0	1
	REPAIR THORACIC VESSELS	0.0	0	2	0.0	0	3	0.1	0	3
	EXPOSURE OF NECK VESSELS	0.0	0	1	0.0	0	3	0.0	0	3
	REPAIR NECK VESSELS	0.0	0	1	0.0	0	2	0.1	0	2
	EXPOSURE OF ABDOMINAL VESSELS	0.0	0	2	0.0	0	1	0.0	0	2
	REPAIR ABDOMINAL VESSELS	0.0	0	2	0.1	0	2	0.1	0	2
	EXPOSURE OF PERIPHERAL VESSELS	0.1	0	4	0.1	0	4	0.2	1	5
	REPAIR PERIPHERAL VESSELS	0.2	1	5	0.6	1	8	0.9	1	10
	FASCIOTOMY	0.2	1	4	0.8	1	8	1.0	1	8
	Subtotal - VASC-TRAUMA	0.6	1	9	1.8	2	17	2.4	2	18
VASC - VENOUS	PORTAL-SYSTEMIC SHUNT	0.0	0	2	0.0	0	2	0.0	0	2
	OPERATION FOR VARICOSE VEINS	0.3	1	9	2.7	4	38	3.0	4	38
	SCLEROTHERAPY, PERIPH VEIN	0.0	0	1	0.1	1	31	0.1	1	31
	EMBOLECTOMY/THROMBECTOMY, VENOUS	0.0	0	2	0.1	0	4	0.1	0	4
	VENA CAVAL INTERRUPTION/FILTER	0.2	1	19	1.5	4	51	1.7	4	51
	OPERATIONS FOR VENOUS ULCERATION	0.0	0	2	0.1	0	10	0.1	0	10
	VENOUS RECONSTRUCTION	0.1	0	6	0.1	0	3	0.1	0	6
	TRANSLUMINAL BALLOON ANGIOPLASTY, VENOUS	0.2	1	22	1.0	4	104	1.1	5	123
	TRANSLUMINAL MECHANICAL THROMBECTOMY, VENOUS	0.0	0	1	0.1	0	5	0.1	0	5
	THROMBOLYSIS, TRANSVENOUS, TRANSCATHETER	0.0	0	2	0.1	0	4	0.1	0	4
	EXCHANGE OF THROMBOLYSIS CATH	0.0	0	0	0.0	0	2	0.0	0	2
	INTERRUPTION OF IVC	0.3	1	15	2.1	4	46	2.5	5	48
	REPAIR A-V MALFORMATION	0.0	0	1	0.0	0	2	0.0	0	2
	Subtotal - VASC-VENOUS	1.2	3	36	7.8	9	119	9.0	10	138

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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	1.2	6	177	3.9	7	75	5.1	10	191
	VENOGRAPHY	0.2	1	22	1.4	5	114	1.6	6	135
	ANGIOSCOPY	0.0	0	5	0.1	1	14	0.1	1	14
	INTRAVASCULAR ULTRASOUND	0.0	0	5	0.0	0	6	0.1	0	6
	Subtotal - VASC-ENDOVASC DIAG	1.4	6	179	5.4	10	116	6.9	13	193
VASC - MISCELLANEOUS VASCULAR	EXPLORATION OF ARTERY	0.3	1	14	1.1	2	24	1.4	2	24
	POSTOPERATIVE EXP. FOR BLEED, THROMB, INFECT	0.1	0	5	0.5	1	10	0.7	1	12
	MAJOR VASCULAR LIGATION	0.4	1	6	2.3	2	23	2.7	2	26
	INJECT PSEUDOANEURYSM	0.0	0	1	0.0	0	4	0.0	0	5
	SPINE EXPOSURE	0.2	1	15	0.3	2	43	0.5	2	58
	SYMPATHECTOMY	0.0	0	2	0.0	0	4	0.1	0	4
	LYMPHATIC PROCEDURE	0.0	0	1	0.0	0	7	0.1	0	7
	OTHER MISCELLANEOUS VASCULAR PROCEDURE	0.1	1	14	0.5	3	67	0.6	3	69
	Subtotal - VASC-MISCELLANEOUS	1.1	2	16	4.9	5	67	6.0	5	71
VASC - VASCULAR ACCESS	A-V FISTULA	2.5	5	71	14.7	11	158	17.2	12	158
	A-V GRAFT	0.9	2	18	5.5	6	43	6.3	6	44
	PERCUTANEOUS-OTHER ACCESS	0.3	1	13	2.6	5	54	2.9	6	56
	REVISION, A-V ACCESS	0.8	2	23	5.5	6	79	6.4	7	79
	Subtotal - VASC-VASC ACCESS	4.5	7	77	28.3	19	162	32.8	21	165

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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	9	2.7	3	22	3.0	3	31
	AMPUTATION, TRANSMETATARSAL	0.3	1	10	2.2	3	19	2.5	3	27
	AMPUTATION, BELOW KNEE	0.7	1	15	4.5	3	26	5.2	4	41
	AMPUTATION, ABOVE KNEE	0.5	1	7	3.5	3	20	4.0	3	20
	AMPUTATION, UPPER EXTREMITY	0.0	0	1	0.1	0	3	0.1	0	3
	AMPUTATION CLOSURE, REVISION	0.1	0	4	0.5	1	9	0.6	1	9
	Subtotal - VASC-AMPUTATIONS	1.9	3	37	13.5	9	68	15.3	11	101
ENDOCRINE	THYROIDECTOMY, PARTIAL OR TOTAL	6.6	8	106	14.6	11	76	21.3	15	120
	PARATHYROIDECTOMY	3.0	4	54	6.5	7	74	9.6	8	89
	ADRENALECTOMY	1.1	2	18	0.8	1	10	1.9	2	18
	PANCREATIC ENDOCRINE PROC	0.5	1	12	0.3	1	9	0.8	2	13
	OTHER MAJOR ENDOCRINE	0.0	0	2	0.0	0	3	0.1	0	3
	Subtotal - ENDOCRINE	11.3	13	174	22.3	17	113	33.6	22	195
HAND	SOFT TISSUE REPAIR/GRAFT	0.0	0	0	0.0	0	2	0.0	0	2
	TENDON REPAIR/TRANSFER	0.0	0	4	0.4	1	12	0.4	1	13
	NERVE REPAIR	0.0	0	3	0.2	1	5	0.3	1	6
	VASCULAR REPAIR	0.0	0	0	0.0	0	3	0.0	0	3
	REPLANTATION	0.0	0	1	0.0	0	2	0.0	0	2
	OTHER MAJOR HAND	0.1	1	14	1.8	4	38	2.0	4	38
	Subtotal - HAND	0.2	1	18	2.5	5	50	2.7	5	50

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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									
THORACIC	EXPLOR THORACOTOMY-OPEN	0.6	1	18	3.3	3	31	3.9	4	39
	EXPLOR THORACOTOMY W/WO BX-THORACOS	0.8	2	22	3.8	4	34	4.6	4	50
	PLEURODESIS-THORACOSCOPIC	0.6	1	12	3.1	3	36	3.6	4	40
	REPAIR DIAPH HERNIA	0.2	1	8	0.5	1	13	0.7	1	13
	EXCISION MEDIASTINAL TUMOR	0.2	1	5	0.9	2	26	1.0	2	26
	PNEUMONECTOMY	0.0	0	4	0.3	1	5	0.4	1	6
	LOBECTOMY/SEGMENTAL RESECT LUNG-OPEN	0.7	2	13	2.9	3	30	3.5	4	30
	LOBECTOMY/SEGMENTAL RESECT LUNG-THORACOS	0.8	2	24	2.6	4	27	3.4	5	32
	WEDGE RESECTION LUNG-OPEN	0.1	0	6	0.9	1	10	1.0	1	10
	WEDGE RESECTION LUNG-THORACOSCOPIC	0.2	1	22	4.5	5	27	4.7	5	28
	THORACIC OUTLET DECOMPRESS PROC	0.1	1	37	0.2	1	11	0.2	1	37
	OPEN DRAINAGE OF EMPYEMA	0.0	0	5	0.2	1	10	0.2	1	10
	PERICARDIECTOMY	0.2	1	10	1.0	2	26	1.2	2	26
	PERICARD WINDOW FOR DRAINAGE-THORACOSCOP	0.1	0	5	0.4	1	7	0.5	1	10
	PACEMAKER INSERTION	0.1	0	9	0.8	2	28	0.8	2	28
	CARDIAC PROCEDURES	0.6	4	72	2.6	6	67	3.2	8	92
	SYMPATHECTOMY, THORACOLUMBAR-THORACOSCOP	0.0	0	3	0.2	1	7	0.3	1	7
	ESOPHAGOMYOTOMY (HELLER)-THORACOSCOPIC	0.0	0	1	0.0	0	3	0.1	0	3
	OTHER MAJOR THORACIC	1.1	3	58	5.8	5	52	7.0	6	78
	Subtotal - THORACIC	6.4	12	192	33.7	21	173	40.2	26	270

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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	26	14.7	10	97	15.3	10	97
	REP BRANCHIAL CLEFT ANOM/THYRO DUCT CYST	0.0	0	1	0.5	1	6	0.5	1	6
	REPAIR DEFORMITY CHEST WALL	0.0	0	7	0.6	1	18	0.6	1	18
	REPAIR DIAPHRAGMATIC HERNIA	0.0	0	3	0.3	1	5	0.3	1	5
	ANTIREFLUX PROCEDURE-OPEN (PEDS)	0.0	0	4	0.5	1	15	0.5	1	15
	ANTIREFLUX PROCEDURE-LAPAROSCOPIC (PEDS)	0.1	0	6	0.9	2	18	1.0	2	18
	REP ESOPH ATRESIA/TRACHEO-ESOPH FIST	0.0	0	6	0.2	1	4	0.3	1	6
	REP INTESTINAL ATRESIA/STENOSIS	0.1	1	12	1.0	2	14	1.1	2	21
	REPAIR PYLORIC STENOSIS	0.2	1	19	2.5	3	24	2.7	3	34
	OPERATION FOR MALROTATION/INTUSSUSCEPT	0.1	1	12	1.0	1	16	1.1	2	28
	PROC FOR MECONIUM ILEUS/NEC ENTEROCOLIT	0.0	0	11	0.3	1	12	0.3	1	16
	DEFIN OP FOR HIRSCHSPRUNGS/IMPERF ANUS	0.1	0	7	0.5	1	11	0.6	1	11
	EXC WILMs TUMOR/NEUROBLASTOMA	0.0	0	7	0.2	0	3	0.2	1	7
	REP OMPHALOCELE/GASTROSCHISIS	0.1	0	11	0.8	1	11	0.9	1	15
	REPAIR OF EXSTROPHY	0.0	0	0	0.0	0	1	0.0	0	1
	REPAIR EPI- AND HYPO-SPADIAS	0.0	0	6	0.2	1	16	0.3	1	16
	ORCHIOPEXY	0.1	0	7	1.2	2	16	1.3	2	17
	OTHER MAJOR PEDIATRIC	0.1	1	23	1.4	2	18	1.5	2	32
	Subtotal - PEDIATRIC	1.8	6	147	26.7	16	158	28.5	18	262

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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	4	0.4	1	7	0.5	1	7
	CYSTOSTOMY	0.0	0	2	0.1	0	11	0.1	0	11
	CYSECTOMY	0.0	0	3	0.1	0	6	0.1	0	9
	NEPHRECTOMY (W/ DONOR NEPH SEE TRANSPLT)	0.3	1	9	1.2	2	23	1.6	2	32
	ILEAL URINARY CONDUIT	0.0	0	2	0.0	0	2	0.1	0	3
	OTHER MAJOR GENITO-URINARY	0.2	0	5	0.9	1	9	1.1	1	9
	OTHER MAJOR GENITO-URINARY - LAP BASIC	0.1	0	3	0.5	1	15	0.6	1	16
	OTHER MAJOR GENITO-URINARY - LAP COMPLEX	0.0	0	4	0.1	0	9	0.1	0	9
	Subtotal - GENITO-URINARY	0.7	1	12	3.3	3	32	4.0	4	44
GYNECOLOGY	HYSTERECTOMY (ALL)	0.2	1	33	0.5	2	21	0.6	3	53
	SALPINGO-OOPHORECTOMY	0.1	0	6	0.4	1	10	0.6	1	13
	OTHER MAJOR GYNECOLOGY	0.2	1	18	0.8	2	36	1.0	3	37
	OTHER MAJOR GYNECOLOGY - LAPAROSCOPIC	0.0	0	13	0.2	1	16	0.2	1	18
	Subtotal - GYNECOLOGY	0.5	2	40	1.9	5	60	2.4	6	75
PLASTIC	REPAIR CLEFT LIP/CLEFT PALATE	0.0	0	9	0.1	1	7	0.1	1	13
	MAJOR RECONSTRUCTIVE PROC	0.3	1	7	2.8	4	39	3.1	4	42
	SKIN-GRAFTING, NONBURN (ALL)	0.4	1	9	3.9	4	47	4.3	4	47
	COMPOSITE TISSUE TRANSFER	0.6	2	22	1.7	2	16	2.2	3	25
	BURN DEBRIDEMENT AND/OR GRAFTING	0.3	2	56	6.9	12	99	7.2	12	103
	REDUCTION AND STABILIZATION OF MAXILLOFACIAL FRACTURES	0.0	0	12	0.4	1	21	0.4	2	21
	OTHER MAJOR PLASTIC	0.5	1	16	4.4	5	46	4.9	5	55
	Subtotal - PLASTIC	2.1	4	68	20.1	17	135	22.1	18	146

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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									
NERVOUS SYSTEM	CRANIAL DECOMPRESSION/EXPLORATION	0.0	0	1	0.0	0	5	0.0	0	5
	OTHER MAJOR NERVOUS SYSTEM	0.0	0	2	0.0	0	2	0.0	0	2
	Subtotal - NERVOUS SYSTEM	0.0	0	2	0.0	0	5	0.1	0	5
ORTHOPAEDICS	OPEN OPERATIONS ON BONE OR JOINTS	0.0	0	0	0.0	0	1	0.0	0	1
	ARTHROSCOPY	0.0	0	1	0.1	1	8	0.1	1	8
	OPEN REDUCTION OF OPEN/CLOSED FRACTURE	0.0	0	2	0.2	1	19	0.2	1	19
	CLOSED REDUCTION OF FRACTURE	0.0	0	4	0.3	1	12	0.3	1	12
	OTHER MAJOR ORTHOPAEDICS	0.1	0	3	0.7	2	23	0.8	2	23
	Subtotal - ORTHOPAEDICS	0.1	0	5	1.4	3	29	1.4	3	29
ORGAN TRANSPLANT	LIVER TRANSPLANT	0.2	1	13	1.0	2	23	1.2	3	23
	RENAL TRANSPLANT	0.8	3	34	5.4	7	68	6.2	8	73
	PANCREAS TRANSPLANT	0.0	0	3	0.2	1	7	0.2	1	7
	DONOR NEPHRECTOMY	0.1	0	7	1.1	2	24	1.1	2	24
	DONOR HEPATECTOMY	0.1	1	14	1.1	2	19	1.2	2	31
	EN BLOC ABD ORGAN RETRIEVAL	0.0	0	2	0.2	1	11	0.2	1	11
	OTHER MAJOR ORGAN TRANSPLANT	0.0	0	3	0.3	1	12	0.4	1	13
	Subtotal - ORGAN TRANSPLANT	1.2	4	41	9.3	10	83	10.5	11	113

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SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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Number of Programs in the Nation: 246 Number of Residents in the Nation: 1,142

		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	7	0.2	1	7	0.2	1	8
	ESOPH TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	1	0.0	0	2	0.1	0	2
	GASTRIC TRAUMA-CLOSURE/RESECT/EXCLUSION	0.1	0	3	0.3	1	5	0.4	1	7
	DUODENAL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	3	0.0	0	2	0.1	0	4
	SM BOWEL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.4	1	10	1.2	2	12	1.6	2	22
	COLON TRAUMA-CLOSURE/RESECT/EXCLUSION	0.4	1	9	1.1	2	14	1.5	2	19
	NECK EXPLOR FOR TRAUMA	0.3	1	5	0.9	1	8	1.2	1	8
	EXPLOR THORACOTOMY - OPEN	0.4	1	13	1.5	2	25	2.0	2	26
	EXPLOR THORACOTOMY - THORACOSCOPIC	0.1	0	4	0.3	1	8	0.3	1	8
	EXPLOR LAPAROTOMY - OPEN	1.9	3	33	6.4	5	44	8.2	7	52
	SPLENECTOMY/SPLENORRHAPHY-OPEN	0.5	1	7	1.5	2	11	2.0	2	15
	REPAIR/DRAINAGE HEPATIC LACS-OPEN	0.3	1	9	0.8	1	9	1.1	2	11
	HEPATIC RESECTION FOR INJURY	0.0	0	2	0.1	0	3	0.1	0	3
	DRAINAGE PANCREATIC INJURY	0.0	0	7	0.1	0	4	0.1	0	8
	RESECTION OF PANCREATIC INJURY	0.1	0	2	0.1	0	3	0.2	0	3
	CLOSED REDUCT OF FRACTURE	0.0	0	2	0.0	0	6	0.0	0	6
	DEBRIDE/SUTURE MAJOR WOUNDS	0.3	1	18	2.4	5	68	2.6	5	68
	REPAIR BLADDER INJURY	0.1	0	3	0.3	1	5	0.3	1	5
	REPAIR URETERAL INJURY	0.0	0	2	0.0	0	2	0.0	0	3
	REPAIR/RESECT FOR KIDNEY TRAUMA	0.1	0	4	0.2	0	4	0.3	1	5
	REP THORAC AORTA, INNOMINATE, SUBCLAVIAN	0.0	0	3	0.0	0	3	0.1	0	3
	REPAIR OF CAROTID OR OTHER MAJOR NECK VESSELS	0.0	0	1	0.0	0	2	0.0	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	7	0.4	1	8	0.5	1	9
	FASCIOTOMY FOR INJURY	0.1	0	3	0.6	1	8	0.6	1	8
	REPAIR OTHER MAJOR VASC INJURY (TR1)	0.1	0	3	0.2	0	3	0.2	1	4
	MANAGEMENT CARDIAC INJURY	0.1	0	2	0.2	0	5	0.2	1	5
	OTHER MAJOR TRAUMA	0.6	1	9	2.3	3	39	2.9	3	39
	Subtotal - TRAUMA	6.0	7	66	21.1	15	142	27.1	18	142

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[PAGE 17] Number of Programs in the Nation: 246 Number of Residents in the Nation: 1,142

		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	12	0.7	5	133	0.8	6	138	
	BRONCHOSCOPY	0.6	2	22	7.3	9	77	7.9	10	77	
	SCLEROTHERAPY/BANDING ESOPH VARICES	0.0	0	3	0.0	0	4	0.0	0	4	
	ESOPHAGO-GASTRO-DUODENOSCOPY	7.9	10	101	31.9	20	194	39.8	21	295	
	PERCUTAN ENDO GASTROSTOMY (PEG)	1.8	3	34	9.2	10	75	11.0	11	102	
	ERCP W/WO PAPILOTOMY	0.1	2	48	0.5	3	90	0.6	5	138	
	SIGMOIDOSCOPY, RIGID/FLEXIBLE	0.8	2	36	2.7	3	34	3.6	4	51	
	FLEXIBLE COLONOSCOPY W/WO BX/POLYPECT	15.6	19	232	51.7	31	192	67.3	28	347	
	CHOLEDOCHOSCOPY	0.0	0	1	0.0	0	5	0.0	0	5	
	CYSTO/URETHROSCOPY	0.0	0	5	0.8	4	54	0.9	4	54	
	OTHER ENDOSCOPY	0.3	2	44	1.4	2	36	1.8	3	57	
	Subtotal - ENDOSCOPY (NOT MAJOR CRED)		27.3	27	246	106.3	50	404	133.6	49	581
	MISCELLANEOUS (NOT FOR MAJOR CREDIT)	REMOVE SKIN MOLES, SMALL TUMORS, ETC	0.4	1	19	6.6	8	76	7.0	8	80
REMOVAL SUBCUT SMALL TUMORS, CYSTS, FBs		0.2	1	7	3.3	4	37	3.5	4	37	
REPAIR MINOR WOUNDS AND GRAFTS		0.0	0	3	1.3	3	49	1.3	3	49	
BANDING/INCISION THROMBOSED HEMORRHOID		0.0	0	5	0.3	1	13	0.4	1	13	
ENDORECTAL ULTRASOUND [MISCELLANEOUS]		0.0	0	2	0.0	0	3	0.0	0	4	
OTHER PROCEDURES		5.1	10	160	61.4	59	875	66.5	65	927	
Subtotal - MISC (NOT MAJOR CRED)			5.8	11	160	73.0	64	888	78.8	71	940

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SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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[PAGE 18] Number of Programs in the Nation: 246 Number of Residents in the Nation: 1,142

		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	21	275	35.9	43	431	46.2	50	501
	Subtotal - PATIENT CARE (NOT MAJOR CRED)	10.3	21	275	35.9	43	431	46.2	50	501
SURGICAL CRITICAL CARE PAT MGMNT	VENTILATORY MANAGEMENT	4.5	8	95	15.3	23	367	19.8	23	367
	BLEED (NON-TRAUMA) > 3 UNITS	1.8	3	37	3.8	5	53	5.6	5	53
	HEMODYNAMIC INSTABILITY	3.4	5	71	8.5	10	99	11.9	11	99
	ORGAN DYSFUNCTION	3.3	5	47	9.0	14	160	12.3	14	160
	DYSRHYTHMIAS	1.7	3	29	4.3	6	52	6.0	6	52
	INVASIVE LINE MANAGE/MONITORING	3.8	6	52	12.9	20	285	16.7	20	285
	PARENTERAL/ENTERAL NUTRITION	3.1	6	86	8.9	16	227	12.0	17	227
	Subtotal - CRITCARE PAT MAN (NOT MAJ CRED)	21.5	32	300	62.7	82	781	84.3	83	781
TOTAL FOR CREDIT	Major Operations	239.8	63	571	745.7	143	1,324	985.5	159	1,734

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SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2014-2015

Residency Review Committee for Surgery

Report Date: September 14, 2015

[PAGE 1] Number of Programs in the Nation: 246 Number of Residents in the Nation: 1,142																									
	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	7	9	12	18	27	35	42	48	64	1	2	3	4	7	0	0	1	2	3	35	44	52	60	76
HEAD/NECK	1	2	3	4	8	10	13	18	23	34	0	0	1	2	3	0	0	0	1	2	12	16	21	27	41
BREAST	1	4	7	11	16	31	44	55	66	84	0	0	1	1	4	0	0	1	3	8	38	51	61	76	96
ALIM TR-ESOPHAGUS	1	2	4	6	11	2	3	5	7	13	0	0	0	0	0	0	0	0	1	3	4	7	9	13	20
ALIM TR-STOMACH	5	8	10	15	28	10	15	19	25	40	0	1	1	1	2	0	0	1	2	7	18	24	31	41	63
ALIM TR-SMALL INT	7	10	12	16	20	13	19	22	26	36	1	1	2	2	4	0	0	1	1	3	23	30	35	40	52
ALIM TR-LARGE INT	24	33	39	47	60	63	80	93	107	135	4	6	8	11	16	0	1	3	6	13	96	117	133	151	184
ALIM TR-ANO-RECTAL	2	3	5	8	14	12	17	22	27	35	0	1	1	2	3	0	0	0	1	3	16	22	28	34	45
ABDOMEN-GENERAL	7	9	12	14	22	15	20	25	29	39	1	1	2	2	4	0	0	1	2	4	24	31	37	43	57
ABDOMEN-LIVER	1	3	4	5	8	2	3	4	5	10	0	0	0	0	1	0	0	0	0	1	5	7	8	11	16
ABDOMEN-BILIARY	17	22	29	37	55	57	74	91	109	134	4	6	8	10	16	0	1	3	6	17	79	103	125	142	171
ABDOMEN-PANCREAS	1	3	5	7	13	1	2	3	4	8	0	0	0	0	1	0	0	0	1	2	4	6	8	12	19
ABDOMEN-SPLEEN	0	1	1	2	3	0	1	1	2	3	0	0	0	0	0	0	0	0	0	1	1	2	3	3	5
ABDOMEN-HERNIA	15	23	30	37	51	66	82	94	107	131	3	4	6	7	12	0	1	2	5	14	91	112	126	141	164
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	12
VASC - CEREBROVASCULAR	0	1	2	4	10	2	5	7	10	16	0	0	0	0	0	0	0	0	1	3	4	7	9	14	21
VASC - PERIPH OBSTRUCTIVE	0	1	3	7	14	6	10	13	17	25	0	0	0	0	1	0	0	0	1	3	9	14	18	23	35
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	0	1	1
VASC - EXTRA-ANATOMIC	0	0	0	1	1	0	1	1	1	3	0	0	0	0	0	0	0	0	0	1	0	1	1	2	4
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	0	1
VASC - TRAUMA	0	0	1	1	2	1	1	2	2	3	0	0	0	0	0	0	0	0	0	0	1	2	2	3	4
VASC - VENOUS	0	0	1	1	4	2	4	6	9	18	0	0	0	0	1	0	0	0	0	1	2	4	7	11	21
VASC - MISCELLANEOUS VASCULAR	0	1	1	2	3	2	3	4	6	8	0	0	0	0	1	0	0	0	0	1	3	4	6	7	9
VASC - VASCULAR ACCESS	0	1	3	6	13	13	19	25	33	48	0	0	0	0	1	0	0	0	1	3	15	22	29	38	61
ENDOCRINE	2	5	8	13	24	7	12	19	26	39	0	0	0	0	1	0	0	1	1	5	13	20	29	40	56
HAND	0	0	0	0	1	0	1	1	2	8	0	0	0	0	0	0	0	0	0	1	0	1	2	3	8
THORACIC	1	2	4	7	18	16	23	29	37	52	0	0	0	1	1	0	1	1	3	8	21	29	35	44	61
PEDIATRIC	0	0	1	1	5	14	19	24	30	44	0	0	0	0	0	0	0	0	1	5	15	21	25	32	46

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SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)
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Number of Programs in the Nation: 246 Number of Residents in the Nation: 1,142

	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	5	0	0	0	0	0	0	0	0	0	1	0	1	1	2	5
PLASTIC	0	1	1	2	5	8	12	16	22	34	0	0	0	1	2	0	0	0	1	4	9	13	18	25	38
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	0	1	1	3	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4
ORGAN TRANSPLANT	0	0	0	1	3	1	4	6	10	19	0	0	0	0	0	0	0	0	1	3	2	4	7	11	20
TRAUMA	1	2	4	7	13	9	14	18	24	36	0	1	1	2	4	0	0	1	1	3	14	18	23	30	51
ENDOSCOPY (NOT FOR MAJOR CREDIT)	5	14	22	37	58	59	84	102	124	161	0	0	1	2	3	0	0	0	1	4	102	111	125	145	185
MISCELLANEOUS (NOT FOR MAJOR CREDIT)	1	2	4	7	12	34	50	65	82	118	0	1	1	2	6	0	0	1	3	8	36	54	70	90	124
SURGICAL CRITICAL CARE PAT MGMNT	1	9	17	28	46	14	34	49	73	118	0	0	0	0	1	0	0	0	0	0	35	55	75	92	141
TOTAL FOR CREDIT	182	212	233	262	311	620	684	741	791	895	29	35	40	47	62	3	13	24	49	115	851	910	980	1,055	1,163

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