



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 2010-2011
Residency Review Committee for General Surgery
Report Date: October 10, 2011

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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,060

		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	1	9	3.0	3	20	4.0	3	25
	MAJ EXC & REP/GRAFT FOR SKIN NEOPLASM	1.8	3	19	7.1	6	64	9.0	7	65
	SENTINEL LYMPH NODE BIOPSY FOR MELANOMA	0.8	1	12	2.6	3	30	3.3	4	32
	RAD EXCIS SOFT TIS TUMOR	0.7	1	16	1.5	2	22	2.1	3	27
	PILONIDAL CYSTECTOMY	0.6	1	11	3.4	3	18	4.0	3	23
	OTHER MAJOR SKIN/SOFT TIS	3.8	4	42	13.8	10	114	17.6	12	156
	Subtotal - SKIN/SOFT TIS	8.7	7	44	31.3	15	128	40.0	18	172
	HEAD/NECK	RESECT LESION-LIPS	0.0	0	1	0.1	0	4	0.1	0
RESECT LESION-TONGUE		0.0	0	3	0.2	0	5	0.2	1	5
RESECT LESION-FLOOR MOUTH/BUCCAL MUC		0.0	0	2	0.1	0	2	0.1	0	3
PAROTIDECTOMY		0.2	1	7	0.6	1	9	0.8	1	9
RESECT OTHER SALIVARY GLND		0.0	0	2	0.2	0	3	0.2	1	3
RADICAL NECK DISSECT		0.4	1	10	0.9	2	16	1.4	2	16
RESECT MANDIBLE/MAXILLA		0.0	0	1	0.0	0	7	0.0	0	7
TRACHEOSTOMY		2.2	3	24	12.2	10	86	14.4	11	100
OTHER MAJOR HEAD/NECK		1.0	1	14	5.5	4	28	6.5	5	29
Subtotal - HEAD/NECK		3.9	4	32	19.7	12	96	23.6	14	112
BREAST	BREAST BIOPSY	1.7	3	21	17.9	14	99	19.6	15	116
	SENTINEL LYMPH NODE BIOPSY (BREAST)	1.1	2	19	6.1	6	39	7.2	7	43
	SIMPLE MASTECTOMY	1.7	2	21	7.7	5	36	9.4	6	38
	MOD RAD MASTECTOMY	1.2	2	16	5.3	4	49	6.5	5	53
	RADICAL MASTECTOMY	0.0	0	2	0.1	1	13	0.2	1	13
	EXC BX/QUADRANT EXC W/WO AX SAMPLING	2.2	3	33	11.5	10	75	13.7	11	81
	BREAST RECONSTRUCTION	0.4	2	23	3.8	6	55	4.2	7	64
	OTHER MAJOR BREAST	0.3	1	8	1.7	2	14	2.0	2	14
Subtotal - BREAST	8.7	10	61	54.0	25	213	62.8	27	233	

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RRC Area	RRC Procedure										
ALIM TR-ESOPHAGUS	ESOPHAGECTOMY	0.5	1	11	0.5	1	8	1.0	2	18	
	ESOPHAGO-GASTRECTOMY	0.5	1	7	0.6	1	12	1.0	2	13	
	ANTIREFLUX PROC-OPEN	0.7	1	10	1.0	2	28	1.7	2	28	
	ANTIREFLUX PROC-LAPAROSCOPIC	3.4	4	35	2.9	4	41	6.3	6	44	
	ESOPHAGEAL BYPASS PROCEDURE	0.0	0	2	0.0	0	3	0.1	0	3	
	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	2	0.2	0	3	0.2	1	4	
	ESOPHAGEAL DIVERTICULECTOMY	0.1	0	3	0.1	0	4	0.2	0	4	
	OTHER MAJOR ESOPHAGUS	0.1	0	3	0.2	1	5	0.4	1	5	
	Subtotal - ALIM TR-ESOPHAGUS		5.3	5	45	5.6	6	56	10.9	8	56
	ALIM TR-STOMACH	GASTROSTOMY (ALL TYPES)-OPEN	1.1	1	11	3.8	4	49	5.0	4	50
GASTROSTOMY (ALL TYPES)-LAPAROSCOPIC		0.4	1	11	2.6	3	40	3.0	4	40	
GASTRIC RESECT, PARTIAL-OPEN		1.9	2	12	1.6	2	16	3.6	3	22	
GASTRIC RESECT, PARTIAL-LAPAROSCOPIC		3.9	7	64	3.9	7	100	7.9	11	100	
GASTRIC RESECT, TOTAL		0.6	1	4	0.4	1	6	0.9	1	6	
VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-OPEN		0.2	0	3	0.2	0	3	0.4	1	5	
VAGOTOMY, TRUN/SEL W/DRAINAGE/RES-LAPAR		0.0	0	4	0.0	0	2	0.0	0	4	
REPAIR PERF-GASTRIC DIS		0.7	1	6	1.4	1	9	2.1	2	13	
PROX GAST VAGOTOMY, HIGHLY SELECT-OPEN		0.0	0	1	0.0	0	2	0.0	0	2	
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	26	2.9	7	111	4.0	8	113	
GASTRIC REDUC FOR MORBID OBESITY-LAP		1.9	5	66	3.9	8	92	5.7	11	119	
OTHER MAJOR STOMACH [no open/close dist]		1.2	1	9	2.0	2	13	3.2	3	16	
Subtotal - ALIM TR-STOMACH			13.0	12	97	22.8	17	157	35.8	23	186

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RRC Area	RRC Procedure										
ALIM TR-SMALL INT	ENTEROLYSIS - OPEN	2.4	3	31	7.2	8	83	9.6	10	107	
	ENTEROLYSIS-LAPAROSCOPIC	1.4	2	30	1.2	2	27	2.6	3	37	
	ENTERECTOMY - OPEN	6.6	4	30	11.5	6	45	18.1	8	60	
	ENTERECTOMY-LAPAROSCOPIC	0.5	1	12	0.9	3	49	1.4	3	49	
	REPAIR PERF-DUODENAL DIS	0.3	1	4	0.3	1	4	0.5	1	5	
	REPAIR PERF-SMALL BOWEL DIS	1.2	1	10	2.5	2	15	3.8	3	19	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-OPEN	0.8	1	7	1.6	2	14	2.4	2	16	
	ILEOSTOMY (NOT ASSOC W/COLECTOMY)-LAP	0.4	1	7	0.4	1	8	0.8	1	11	
	DIVERTICULECTOMY	0.1	0	2	0.4	1	5	0.5	1	6	
	OTHER MAJOR SMALL INT	0.9	1	10	2.0	2	17	2.9	3	18	
	Subtotal - ALIM TR-SMALL INT		14.6	8	56	28.0	14	124	42.6	17	147
	ALIM TR-LARGE INT	APPELDECTOMY-OPEN	1.8	2	19	13.7	10	72	15.5	11	77
APPELDECTOMY-LAPAROSCOPIC		8.4	7	42	37.7	20	146	46.0	22	187	
COLOSTOMY (ALL TYPES)		2.2	2	14	4.0	3	20	6.2	4	22	
COLOSTOMY CLOSURE		1.4	2	14	2.7	3	20	4.1	4	26	
COLECTOMY/PROCTECTOMY-OPEN		16.1	8	54	24.6	11	69	40.7	14	87	
COLECTOMY/PROCTECTOMY-LAPAROSCOPIC		9.0	8	49	9.2	8	61	18.2	13	100	
COLECTOMY W/ ILEOANAL PULL-THRU		0.3	1	8	0.2	1	7	0.5	1	13	
COLECTOMY W/ CONTINENT RECONSTRUCT		0.3	1	7	0.4	1	7	0.7	1	10	
ABDOMINO-PERINEAL RESECTION		1.5	2	12	1.4	2	14	2.9	3	18	
TRANSANAL RECTAL TUMOR EXCISION		0.6	1	10	1.1	2	14	1.7	2	17	
REPAIR PERF-COLON DIS		0.3	1	6	0.6	1	6	0.9	1	9	
OTHER MAJOR LARGE INT		0.3	1	8	0.1	0	3	0.4	1	11	
Subtotal - ALIM TR-LARGE INT			42.2	18	136	95.7	33	247	137.9	39	309

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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	21	6.5	5	55	8.3	6	60
	SPHINCTEROTOMY/SPHINCTEROPLASTY	0.4	1	8	1.4	2	43	1.8	2	43
	DRAINAGE PROC FOR ANORECTAL ABSCESS	1.2	2	13	5.0	4	29	6.1	5	40
	REPAIR ANORECTAL FISTULA	0.4	1	10	0.8	1	14	1.2	2	14
	OTHER OPERATIONS FOR ANAL INCONTINENCE	0.1	0	3	0.2	0	6	0.2	1	6
	REPAIR RECTAL PROLAPSE	0.4	1	5	0.6	1	11	1.0	1	11
	OTHER MAJOR ANO-RECTAL	1.9	3	31	5.4	4	51	7.3	6	69
	Subtotal - ALIM TR-ANO-RECTAL	6.1	7	48	19.9	12	127	25.9	15	138
	ABDOMEN-GENERAL	EXP LAP EXCLUSIVE OF TRAUMA-OPEN	5.4	5	41	9.3	7	49	14.7	10
EXP LAP EXCLUSIVE OF TRAUMA-LAPAR		2.8	3	24	5.8	5	52	8.6	6	56
DRAINAGE INTRA-ABDOMINAL ABSCESS		0.5	1	16	1.4	3	55	1.9	4	56
MAJ RETROPERIT/PELVIC NODE DISSEC-OPEN		0.2	1	10	0.3	1	18	0.5	1	26
OTHER MAJOR AB-GENERAL-LAP COMPLEX		0.2	1	4	0.5	1	31	0.8	2	31
OTHER MAJOR AB-GENERAL		1.4	2	12	1.9	2	16	3.3	3	25
Subtotal - ABDOMEN-GENERAL		10.5	7	71	19.3	11	134	29.7	15	143
ABDOMEN-LIVER	LOBECTOMY OR SEGMENTECTOMY	2.8	3	24	2.3	4	104	5.1	5	108
	WEDGE RESECTION/OPEN BIOPSY	1.0	1	10	1.7	2	16	2.7	2	24
	DRAINAGE LIVER ABSCESS	0.2	1	5	0.3	1	6	0.5	1	9
	OTHER MAJOR LIVER	0.6	1	10	0.7	1	12	1.3	2	14
	Subtotal - ABDOMEN-LIVER	4.6	4	26	4.9	5	127	9.5	7	139

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RRC Area	RRC Procedure									
ABDOMEN-BILIARY	CHOLECYSTOSTOMY	0.1	0	3	0.1	0	3	0.2	1	5
	CHOLECYSTECTOMY W/WO OPER GRAMS-OPEN	3.0	3	24	7.4	4	31	10.4	5	39
	CHOLECYSTECTOMY W/WO OPER GRAMS-LAPAR	26.3	16	97	79.4	33	231	105.7	40	278
	COMMON BILE DUCT EXPLOR-OPEN	0.5	1	6	0.6	1	6	1.1	1	10
	COMMON BILE DUCT EXPLOR-LAPAR	0.3	1	7	0.6	1	9	0.9	2	13
	CHOLEDOCHOENTERIC ANASTOMOSIS	1.0	1	9	0.9	1	18	2.0	2	22
	SPHINCTEROPLASTY (ODDI)	0.1	0	3	0.1	0	4	0.1	0	4
	OTHER MAJOR BILIARY	0.2	1	4	0.3	1	7	0.5	1	7
	Subtotal - ABDOMEN-BILIARY	31.5	17	117	89.4	35	246	120.9	41	299
ABDOMEN-PANCREAS	DRAINAGE PANCREATIC ABSCESS	0.1	0	5	0.1	0	4	0.2	0	5
	RESECTION FOR PANCREATIC NECROSIS	0.4	1	6	0.5	1	15	0.9	2	15
	PANC RESECTION, DISTAL	2.0	2	17	1.2	2	12	3.2	3	22
	PANC RESECTION, WHIPPLE	3.7	4	29	1.6	2	16	5.3	5	35
	PANC RESECTION, TOTAL	0.2	1	6	0.1	0	4	0.3	1	6
	DRAINAGE PSEUDOCYST (ALL TYPES)	0.5	1	5	0.4	1	6	0.8	1	7
	PANCREATICOJEJUNOSTOMY	0.2	0	4	0.1	0	2	0.3	1	6
	OTHER MAJOR PANCREAS	0.4	1	7	0.2	0	3	0.5	1	7
	Subtotal - ABDOMEN-PANCREAS	7.3	6	47	4.2	4	31	11.5	8	72
ABDOMEN-SPLEEN	SPLENECTOMY FOR DISEASE-OPEN	0.7	1	6	0.9	1	8	1.6	2	11
	SPLENECTOMY FOR DISEASE-LAPAR	0.7	1	6	0.8	1	7	1.5	2	8
	Subtotal - ABDOMEN-SPLEEN	1.5	2	10	1.7	2	11	3.1	2	15
ABDOMEN-HERNIA	INGUINAL-FEMORAL (ALL)-OPEN	9.2	7	53	38.8	16	115	47.9	19	134
	INGUINAL-FEMORAL (ALL)-LAPAROS	9.1	8	63	14.2	11	92	23.3	15	118
	VENTRAL	10.0	6	43	31.5	13	101	41.5	16	111
	OTHER MAJOR HERNIAS	0.1	0	3	0.4	1	4	0.5	1	5
	Subtotal - ABDOMEN-HERNIA	28.4	16	138	84.9	30	214	113.3	36	328

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RRC Area	RRC Procedure										
VASC-ANEURYSM REPAIR	OPEN REPAIR INFRARENAL A-I ANEURYSM, RUPTURED	0.2	0	3	0.3	1	5	0.4	1	6	
	OPEN REPAIR INFRARENAL A-I ANEURYSM, ELECTIVE	0.6	1	11	1.0	1	15	1.7	2	16	
	ENDOVASCULAR REPAIR ABD AORTIC/ILIAC ANEURYSM	1.0	2	17	2.2	3	18	3.3	4	25	
	ENDOVASCULAR REPAIR OF ILIAC ARTERY	0.1	0	2	0.2	1	11	0.2	1	11	
	REPAIR SUPRARENAL AORTIC ANEURYSM	0.1	0	5	0.1	0	6	0.2	1	6	
	REPAIR THORACIC AORTIC ANEURYSM	0.0	0	3	0.1	0	4	0.1	0	4	
	ENDOVASCULAR REPAIR THORACIC AORTIC ANEURYSM	0.1	0	6	0.1	0	4	0.2	1	7	
	REPAIR THORACOABDOMINAL AORTIC ANEURYSM	0.0	0	4	0.1	0	3	0.1	0	5	
	REPAIR FEMORAL ANEURYSM	0.2	1	8	0.6	1	6	0.8	1	10	
	REPAIR POPLITEAL ANEURYSM	0.1	0	4	0.2	0	4	0.3	1	4	
	REPAIR OTHER ANEURYSM - DEF CAT CREDIT	0.0	0	2	0.1	0	2	0.1	0	2	
	REPAIR OTHER ANEURYSM	0.0	0	0	0.0	0	2	0.0	0	2	
	Subtotal - VASC-ANEURYSM REPAIR		2.5	3	28	4.9	4	27	7.4	6	43
	VASC-CEREBROVASCULAR	CAROTID ENDARTERECTOMY	4.0	6	43	8.0	7	41	12.0	9	70
REOPERATIVE CAROTID SURGERY		0.0	0	1	0.0	0	2	0.0	0	2	
TRANSCATHETER PLACEMENT CAROTID ARTERY STENT		0.1	0	5	0.0	0	3	0.1	0	5	
EXCISE CAROTID BODY TUMOR		0.0	0	2	0.0	0	2	0.1	0	2	
VERTEBRAL BYPASS OR REIMPLANTATION /TRANSPOSITION		0.0	0	1	0.0	0	1	0.0	0	1	
DIRECT REPAIR AORTIC ARCH BRANCHES		0.0	0	2	0.0	0	2	0.0	0	2	
TRANSLUMINAL BALLOON ANGIOPLASTY - BRACHIOCEPHALIC		0.0	0	1	0.2	1	21	0.2	1	21	
TRANSLUMINAL ATHERECTOMY - BRACHIOCEPHALIC		0.0	0	0	0.0	0	1	0.0	0	1	
TRANSCATHETER PLACE OF INTRAVASC STENT, NONCOR.		0.0	0	1	0.0	0	1	0.0	0	1	
CERVICAL BYPASS AORTIC ARCH BRANCHES		0.2	1	6	0.3	1	5	0.4	1	7	
EMBOLECTOMY/THROMBECTOMY BY NECK OR THORACIC INCIS		0.1	1	11	0.1	1	9	0.2	1	20	
OTHER MAJOR CEREBROVASCULAR - DEF CAT CREDIT		0.0	0	3	0.1	0	2	0.1	0	4	
Subtotal - VASC-CEREBROVASCULAR			4.5	6	44	8.8	7	43	13.2	10	76

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RRC Area	RRC Procedure									
VASC-PERIPH OBST	AORTO-ILIO/FEMORAL ENDARTERECTOMY	0.2	1	6	0.2	1	6	0.4	1	7
	AORTO-ILIO/FEMORAL BYPASS, PROSTHETIC	0.5	1	6	0.8	1	10	1.3	2	11
	AORTO-ILIO/FEMORAL BYPASS, VEIN	0.0	0	3	0.1	0	4	0.1	0	4
	TRANSLUMINAL BALLOON ANGIOPLASTY AORTA OR ILIAC	0.1	0	5	0.4	1	10	0.6	1	10
	TRANSLUMINAL ATHERECTOMY AORTA OR ILIAC	0.0	0	4	0.0	0	2	0.0	0	4
	TRANSCATHETER PLACEMENT INTRAVASC STENT AORTA	0.1	0	7	1.1	2	23	1.2	2	23
	ILIO-ILIAC/FEMORAL ENDARTERECTOMY	0.2	1	5	0.5	2	32	0.7	2	32
	EXCISE INFECTED GRAFT, ABDOMEN OR CHEST	0.0	0	1	0.1	0	3	0.1	0	3
	REPAIR GRAFT-ENTERIC/AORTO-ENTERIC FISTULA	0.0	0	1	0.0	0	1	0.0	0	1
	FEMORAL, PROFUNDA ENDARTERECTOMY	0.6	1	9	1.3	2	14	1.8	2	15
	FEMORAL-POPLITEAL BYPASS, VEIN	0.9	2	14	1.8	2	16	2.6	3	23
	FEMORAL-POPLITEAL BYPASS, PROSTHETIC	0.8	1	14	1.8	2	22	2.6	3	36
	TRANSLUMINAL BALLOON ANGIOPLASTY FEMORAL-POPLITEAL	0.3	1	15	1.1	2	23	1.4	2	24
	TRANSLUMINAL ATHERECTOMY FEMORAL-POPLITEAL	0.1	0	5	0.0	0	6	0.1	0	7
	ENDARTERECTOMY, SUPERFICIAL FEMORAL, POPLITEAL	0.2	1	6	0.3	1	8	0.4	1	9
	INFRAPOPLITEAL BYPASS, VEIN	0.9	2	11	1.6	2	17	2.5	3	20
	INFRAPOPLITEAL BYPASS, PROSTHETIC	0.2	1	6	0.6	1	11	0.8	1	13
	TRANSLUMINAL BALLON ANGIOPLASTY, TIBIOPERONEAL	0.1	0	7	0.3	1	11	0.4	1	14
	TRANSLUMINAL ATHERECTOMY, TIBIOPERONEAL	0.0	0	4	0.0	0	6	0.1	0	6
	TRANSCATHETER PLACE OF INTRAVASCULAR STENT NON-COR	0.4	1	18	0.2	1	21	0.6	2	34
	EXCISE INFECTED GRAFT, PERIPHERAL	0.1	0	4	0.7	1	11	0.9	1	11
	REVISE ARTERIAL BYPASS	0.2	0	5	0.4	1	7	0.5	1	8
	ARTERIAL EMBOLECTOMY/THROMBECTOMY BY LEG INCISION	0.5	1	7	1.5	2	22	2.0	2	22
	GRAFT THROMBECTOMY	0.1	0	2	0.2	1	8	0.2	1	8
	ADJUNCTIVE VEIN CUFF OR AVF	0.0	0	3	0.0	0	6	0.0	0	9
	HARVEST ARM VEIN	0.0	0	1	0.1	0	6	0.1	0	6
	COMPOSITE LEG BYPASS GRAFT	0.0	0	3	0.1	0	3	0.1	0	3
	RE-DO LOWER EXTREMITY BYPASS	0.1	0	3	0.1	0	4	0.2	0	4
	OTHER MAJOR PERIPHERAL - DEF CAT CREDIT	0.0	0	0	0.0	0	1	0.0	0	1
	Subtotal - VASC-PERIPH OBST	6.4	7	47	15.3	10	78	21.7	13	103

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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 OBSTRUCT	CELIAC/SMA ENDARTERECTOMY, BYPASS	0.1	0	2	0.2	0	4	0.3	1	5
	RENAL ENDARTERECTOMY, BYPASS	0.0	0	2	0.0	0	15	0.0	0	15
	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	4
	TRANSLUMINAL ATHERECTOMY, RENAL	0.0	0	0	0.0	0	1	0.0	0	1
	TRANSCATHETER PLACE OF STENT, RENAL ARTERY	0.0	0	2	0.0	0	2	0.1	0	2
	Subtotal - VASC-ABDOMINAL OBSTRUCT		0.2	1	4	0.4	1	15	0.6	1
VASC-UPPER EXTREMITY	OPEN BRACHIAL ARTERY EXPOSURE	0.0	0	2	0.0	0	2	0.0	0	4
	ARM BYPASS,ENDARTERECTOMY,REPAIR	0.2	0	3	0.6	1	8	0.8	1	9
	TRANSCATH PLACE OF INTRAVASC STENT, NON	0.0	0	3	0.0	0	5	0.1	0	5
	THORACIC OUTLET DECOMPRESSION PROC	0.1	0	7	0.2	1	14	0.2	1	14
	EMBOLECTOMY/THROMBECTOMY, BY ARM INCISION	0.2	0	4	0.5	1	10	0.7	1	11
	Subtotal - VASC-UPPER EXTREMITY		0.5	1	7	1.4	2	14	1.9	2
VASC-EXTRA-ANATOMIC	AXILLO-FEMORAL BYPASS	0.2	1	6	0.4	1	6	0.6	1	6
	AXILLO-POPLITEAL-TIBIAL BYPASS	0.0	0	2	0.0	0	2	0.0	0	2
	FEMORAL-FEMORAL BYPASS	0.4	1	6	0.9	1	6	1.3	2	10
	Subtotal - VASC-EXTRA-ANATOMIC		0.6	1	10	1.4	1	9	2.0	2
VASC-THROMBOLYSIS/MECH	TRANSLUMINAL MECHANICAL THROMBECTOMY	0.1	0	3	0.0	0	2	0.1	0	3
	THROMBOLYSIS, TRANSARTERIAL, TRANSCATHETER	0.1	0	6	0.0	0	4	0.1	0	6
	EXCHANGE OF THROMBOLYSIS CATHETER	0.0	0	1	0.0	0	1	0.0	0	1
	Subtotal - VASC-THROMBOLYSIS/MECH THROMB		0.1	0	6	0.1	0	4	0.2	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 THERA	ENDO PLACE OF ILIAC ARTERY OCCLUSION DEV	0.0	0	2	0.1	0	2	0.1	0	2
	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	4	0.0	0	3	0.1	0	5
	TRANSCATHETER ARTERIAL OCCLUSION OR EMBOLIZATION	0.0	0	3	0.1	0	3	0.1	0	3
	TRANSCATHETER PLACE OF WIRELESS SENSOR	0.0	0	0	0.0	0	0	0.0	0	0
	PRESSURE MEASUREMENTS FROM WIRELESS SENSOR	0.0	0	1	0.0	0	0	0.0	0	1
	Subtotal - VASC-MISC ENDOVASC THERA		0.1	0	4	0.2	0	6	0.3	1
VASC-TRAUMA	REPAIR THORACIC VESSELS	0.0	0	1	0.0	0	2	0.0	0	2
	REPAIR NECK VESSELS	0.0	0	2	0.0	0	2	0.0	0	2
	REPAIR ABDOMINAL VESSELS	0.1	0	4	0.0	0	8	0.1	0	8
	REPAIR PERIPHERAL VESSELS	0.4	1	5	0.2	1	7	0.6	1	9
	FASCIOTOMY	0.1	0	3	0.1	0	3	0.2	1	4
	Subtotal - VASC-TRAUMA		0.6	1	9	0.4	1	9	1.0	1
VASC-VEINOUS	PORTAL-SYSTEMIC SHUNT	0.0	0	4	0.0	0	4	0.1	0	5
	OPERATION FOR VARICOSE VEINS	0.5	1	11	3.4	4	31	3.9	4	31
	SCLEROTHERAPY, PERIPH VEIN	0.0	0	3	0.1	0	6	0.1	0	6
	EMBOLECTOMY/THROMBECTOMY, VENOUS	0.0	0	6	0.1	0	3	0.1	0	6
	VENA CAVAL INTERRUPTION/FILTER	0.3	1	23	0.7	3	44	1.0	3	47
	OPERATIONS FOR VENOUS ULCERATION	0.0	0	3	0.1	0	6	0.1	0	6
	VENOUS RECONSTRUCTION	0.1	0	2	0.1	0	3	0.1	0	3
	TRANSLUMINAL BALLOON ANGIOPLASTY, VENOUS	0.2	1	23	0.5	1	19	0.7	2	24
	TRANSLUMINAL MECHANICAL THROMBECTOMY, VENOUS	0.0	0	3	0.0	0	3	0.0	0	3
	THROMBOLYSIS, TRANSVENOUS, TRANSCATHETER	0.0	0	2	0.2	1	7	0.2	1	7
	EXCHANGE OF THROMBOLYSIS CATH	0.0	0	0	0.0	0	1	0.0	0	1
	INTERRUPTION OF IVC	0.3	1	12	2.8	6	50	3.1	6	50
	REPAIR A-V MALFORMATION	0.0	0	2	0.0	0	3	0.0	0	3
	Subtotal - VASC-VEINOUS		1.4	3	35	8.0	8	54	9.5	9

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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 DIAG	ARTERIOGRAPHY	0.9	3	35	1.2	3	45	2.0	5	48
	VENOGRAPHY	0.1	1	19	0.4	2	46	0.5	3	55
	ANGIOSCOPY	0.0	0	4	0.0	1	24	0.1	1	24
	INTRAVASCULAR ULTRASOUND	0.0	0	8	0.0	0	3	0.0	0	10
	Subtotal - VASC-ENDOVASC DIAG	1.0	3	37	1.6	4	75	2.6	6	87
VASC-MISC VASC	EXPLORATION OF ARTERY	0.3	1	9	1.0	2	13	1.2	2	14
	POSTOPERATIVE EXP. FOR BLEED, THROMB, INFECT	0.2	1	12	0.5	1	7	0.7	1	13
	MAJOR VASCULAR LIGATION	0.4	1	9	2.0	2	12	2.4	2	14
	INJECT PSEUDOANEURYSM	0.0	0	2	0.0	0	3	0.1	0	3
	SPINE EXPOSURE	0.1	1	8	0.0	0	10	0.1	1	16
	SYMPATHECTOMY	0.0	0	2	0.0	0	2	0.0	0	2
	LYMPHATIC PROCEDURE	0.0	0	2	0.1	0	4	0.1	0	4
	OTHER MISCELLANEOUS VASCULAR PROCEDURE	0.1	0	6	0.5	2	21	0.6	2	22
	Subtotal - VASC-MISCELLANEOUS	1.1	2	16	4.1	3	32	5.2	4	32
VASC-VASC ACCESS	A-V FISTULA	3.1	4	34	15.3	10	67	18.5	11	68
	A-V GRAFT	1.1	2	29	6.1	6	50	7.2	7	50
	PERCUTANEOUS-OTHER ACCESS	0.3	1	20	2.8	5	66	3.1	6	76
	REVISION, A-V ACCESS	0.9	2	18	5.4	6	42	6.4	6	43
	Subtotal - VASC-VASC ACCESS	5.5	8	61	29.7	18	128	35.2	20	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									
VASC-AMPUTATIONS	AMPUTATION, DIGIT	0.4	1	14	2.5	3	18	2.9	3	21
	AMPUTATION, TRANSMETATARSAL	0.3	1	7	1.8	2	15	2.1	2	19
	AMPUTATION, BELOW KNEE	0.8	1	10	4.3	3	26	5.0	4	34
	AMPUTATION, ABOVE KNEE	0.6	1	7	3.6	3	29	4.2	3	30
	AMPUTATION, UPPER EXTREMITY	0.0	0	2	0.1	0	5	0.2	0	5
	AMPUTATION CLOSURE, REVISION	0.1	0	10	0.5	1	8	0.6	1	12
	Subtotal - VASC-AMPUTATIONS	2.1	3	29	13.0	9	66	15.1	10	78
	ENDOCRINE	THYROIDECTOMY, PARTIAL OR TOTAL	8.1	9	63	15.4	12	84	23.5	15
PARATHYROIDECTOMY		3.6	5	38	6.3	6	41	9.9	8	48
ADRENALECTOMY		1.2	2	10	0.8	1	12	2.0	2	15
PANCREATIC ENDOCRINE PROC		0.3	1	9	0.1	0	5	0.4	1	10
OTHER MAJOR ENDOCRINE		0.0	0	6	0.0	0	5	0.1	0	6
Subtotal - ENDOCRINE		13.2	13	93	22.7	17	118	35.9	21	134
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	15	0.4	1	16
	NERVE REPAIR	0.0	0	2	0.2	1	5	0.3	1	5
	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	0.1	1	18	1.7	3	44	1.8	3	44
	Subtotal - HAND	0.2	1	22	2.3	4	47	2.5	4	47

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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	11	3.7	3	28	4.3	3	28
	EXPLOR THORACOTOMY W/WO BX-THORACOS	0.6	1	13	4.0	4	32	4.6	4	32
	PLEURODESIS-THORACOSCOPIC	0.4	1	11	2.9	3	28	3.2	3	29
	REPAIR DIAPH HERNIA	0.2	1	8	0.5	1	10	0.7	1	10
	EXCISION MEDIASTINAL TUMOR	0.2	0	6	0.9	2	27	1.0	2	27
	PNEUMONECTOMY	0.1	0	5	0.4	1	8	0.5	1	8
	LOBECTOMY/SEGMENTAL RESECT LUNG-OPEN	0.9	2	18	3.9	4	32	4.7	4	32
	LOBECTOMY/SEGMENTAL RESECT LUNG-THORACOS	0.4	1	15	1.9	3	21	2.4	3	21
	WEDGE RESECTION LUNG-OPEN	0.2	1	5	1.1	2	21	1.3	2	21
	WEDGE RESECTION LUNG-THORACOSCOPIC	0.6	2	19	4.0	5	45	4.6	5	45
	THORACIC OUTLET DECOMPRESS PROC	0.0	0	7	0.1	1	9	0.2	1	9
	OPEN DRAINAGE OF EMPYEMA	0.0	0	2	0.2	1	4	0.3	1	4
	PERICARDIECTOMY	0.2	1	5	1.0	2	14	1.2	2	15
	PERICARD WINDOW FOR DRAINAGE-THORACOSCOPI	0.1	0	4	0.4	1	9	0.5	1	11
	PACEMAKER INSERTION	0.1	0	5	1.1	3	59	1.1	3	59
	CARDIAC PROCEDURES	0.2	2	67	2.0	5	46	2.2	5	67
	SYMPATHECTOMY, THORACOLUMBAR-THORACOSCOPI	0.0	0	2	0.3	1	10	0.3	1	10
	ESOPHAGOMYOTOMY (HELLER)-THORACOSCOPIC	0.0	0	2	0.0	0	3	0.1	0	3
	OTHER MAJOR THORACIC	0.9	2	17	5.0	5	31	6.0	5	33
	Subtotal - THORACIC	5.7	9	103	33.4	19	136	39.1	21	156

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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	24	17.0	10	84	17.6	10	85
	REP BRANCHIAL CLEFT ANOM/THYRO DUCT CYST	0.0	0	5	0.7	1	7	0.7	1	7
	REPAIR DEFORMITY CHEST WALL	0.0	0	5	0.4	1	10	0.4	1	10
	REPAIR DIAPHRAGMATIC HERNIA	0.0	0	2	0.3	1	8	0.3	1	8
	ANTIREFLUX PROCEDURE-OPEN (PEDS)	0.1	0	6	0.9	2	18	1.0	2	18
	ANTIREFLUX PROCEDURE-LAPAROSCOPIC (PEDS)	0.1	0	4	0.9	2	17	0.9	2	17
	REP ESOPH ATRESIA/TRACHEO-ESOPH FIST	0.0	0	3	0.2	1	4	0.2	1	7
	REP INTESTINAL ATRESIA/STENOSIS	0.1	1	5	1.0	2	16	1.1	2	16
	REPAIR PYLORIC STENOSIS	0.2	1	9	3.3	3	24	3.5	3	24
	OPERATION FOR MALROTATION/INTUSSUSCEPT	0.1	0	3	1.2	1	8	1.4	2	8
	PROC FOR MECONIUM ILEUS/NEC ENTEROCOLIT	0.0	0	2	0.3	1	7	0.3	1	8
	DEFIN OP FOR HIRSCHSPRUNGS/IMPERF ANUS	0.0	0	5	0.6	1	7	0.6	1	9
	EXC WILMS TUMOR/NEUROBLASTOMA	0.0	0	2	0.2	0	5	0.2	1	5
	REP OMPHALOCELE/GASTROSCHISIS	0.1	0	5	1.0	2	13	1.1	2	13
	REPAIR OF EXSTROPHY	0.0	0	1	0.0	0	1	0.0	0	1
	REPAIR EPI- AND HYPO-SPADIAS	0.0	0	3	0.2	1	12	0.2	1	13
	ORCHIOPEXY	0.1	0	8	1.3	2	15	1.3	2	15
	OTHER MAJOR PEDIATRIC	0.1	0	5	1.3	2	12	1.3	2	12
	Subtotal - PEDIATRIC	1.6	4	48	30.4	17	118	32.0	17	138

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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									
GENITO-URINARY	HYDROCELECTOMY	0.0	0	1	0.5	1	7	0.5	1	7
	CYSTOSTOMY	0.0	0	4	0.1	0	7	0.1	1	11
	CYSTECTOMY	0.0	0	2	0.1	0	8	0.1	0	8
	NEPHRECTOMY (W/ DONOR NEPH SEE TRANSPLT)	0.4	1	19	1.4	2	38	1.8	3	38
	ILEAL URINARY CONDUIT	0.0	0	2	0.0	0	2	0.0	0	2
	OTHER MAJOR GENITO-URINARY	0.2	1	8	1.0	1	11	1.1	2	13
	OTHER MAJOR GENITO-URINARY - LAP BASIC	0.1	0	4	0.4	1	12	0.5	1	13
	OTHER MAJOR GENITO-URINARY - LAP COMPLEX	0.0	0	14	0.1	0	5	0.1	1	15
	Subtotal - GENITO-URINARY	0.9	2	34	3.5	4	43	4.4	5	53
	GYNECOLOGY	HYSTERECTOMY (ALL)	0.2	1	16	0.6	2	26	0.8	3
SALPINGO-OOPHORECTOMY		0.1	0	4	0.6	1	11	0.7	1	13
OTHER MAJOR GYNECOLOGY		0.2	1	12	0.8	2	33	1.0	2	39
OTHER MAJOR GYNECOLOGY - LAPAROSCOPIC		0.0	0	3	0.1	1	11	0.1	1	12
Subtotal - GYNECOLOGY		0.6	2	24	2.1	5	66	2.6	5	73
PLASTIC	REPAIR CLEFT LIP/CLEFT PALATE	0.0	0	2	0.1	1	16	0.1	1	16
	MAJOR RECONSTRUCTIVE PROC	0.3	1	7	3.5	4	30	3.9	4	31
	SKIN-GRAFTING, NONBURN (ALL)	0.6	1	11	5.2	5	41	5.8	6	43
	COMPOSITE TISSUE TRANSFER	0.4	1	10	1.3	2	20	1.7	2	21
	BURN DEBRIDEMENT AND/OR GRAFTING	0.2	2	29	5.7	11	139	5.9	11	139
	REDUCTION AND STABILIZATION OF MAXILLOFACIAL FRACTURES	0.0	0	2	0.3	1	17	0.3	1	17
	OTHER MAJOR PLASTIC	0.5	1	13	4.4	5	45	4.9	5	45
	Subtotal - PLASTIC	2.1	3	35	20.6	16	192	22.7	17	194

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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	0	0.0	0	9	0.0	0	9
	OTHER MAJOR NERVOUS SYSTEM	0.0	0	1	0.1	0	9	0.1	0	9
	Subtotal - NERVOUS SYSTEM	0.0	0	1	0.1	1	18	0.1	1	18
ORTHOPAEDICS	OPEN OPERATIONS ON BONE OR JOINTS	0.0	0	0	0.0	0	0	0.0	0	0
	ARTHROSCOPY	0.0	0	3	0.1	1	8	0.1	1	8
	OPEN REDUCTION OF OPEN/CLOSED FRACTURE	0.0	0	1	0.3	1	30	0.3	1	30
	CLOSED REDUCTION OF FRACTURE	0.0	0	3	0.4	1	22	0.4	1	22
	OTHER MAJOR ORTHOPAEDICS	0.1	0	6	1.0	2	31	1.1	2	31
	Subtotal - ORTHOPAEDICS	0.1	1	6	1.8	3	39	1.9	3	39
ORGAN TRANSPLANT	LIVER TRANSPLANT	0.1	0	9	1.0	4	132	1.0	5	132
	RENAL TRANSPLANT	0.7	3	49	5.9	10	241	6.6	10	241
	PANCREAS TRANSPLANT	0.0	0	7	0.3	1	20	0.3	1	20
	DONOR NEPHRECTOMY	0.1	1	13	0.9	2	37	1.0	2	37
	DONOR HEPATECTOMY	0.1	1	8	1.1	3	77	1.2	3	79
	EN BLOC ABD ORGAN RETRIEVAL	0.0	0	2	0.2	1	5	0.3	1	7
	OTHER MAJOR ORGAN TRANSPLANT	0.0	0	2	0.4	1	14	0.4	1	14
	Subtotal - ORGAN TRANSPLANT	1.0	4	55	9.9	18	491	10.9	18	493

GENERAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,060

		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	7	0.2	1	8
	ESOPH TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	2	0.1	0	2	0.1	0	2
	GASTRIC TRAUMA-CLOSURE/RESECT/EXCLUSION	0.1	0	4	0.4	1	4	0.5	1	5
	DUODENAL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.0	0	3	0.1	0	2	0.1	0	3
	SM BOWEL TRAUMA-CLOSURE/RESECT/EXCLUSION	0.6	1	9	1.7	2	21	2.3	2	24
	COLON TRAUMA-CLOSURE/RESECT/EXCLUSION	0.4	1	8	1.2	1	9	1.6	2	12
	NECK EXPLOR FOR TRAUMA	0.3	1	5	0.9	1	8	1.2	1	9
	EXPLOR THORACOTOMY - OPEN	0.5	1	9	1.6	2	12	2.1	2	14
	EXPLOR THORACOTOMY - THORACOSCOPIC	0.0	0	3	0.2	1	6	0.3	1	6
	EXPLOR LAPAROTOMY - OPEN	2.0	3	34	5.1	5	49	7.1	6	58
	SPLENECTOMY/SPLENORRHAPHY-OPEN	0.6	1	8	1.9	2	13	2.5	2	14
	REPAIR/DRAINAGE HEPATIC LACS-OPEN	0.5	1	8	1.1	2	13	1.5	2	17
	HEPATIC RESECTION FOR INJURY	0.1	0	4	0.1	0	5	0.1	0	5
	DRAINAGE PANCREATIC INJURY	0.0	0	3	0.1	0	3	0.1	0	4
	RESECTION OF PANCREATIC INJURY	0.1	0	3	0.2	0	5	0.2	1	5
	CLOSED REDUCT OF FRACTURE	0.0	0	1	0.0	0	2	0.0	0	2
	DEBRIDE/SUTURE MAJOR WOUNDS	0.3	1	21	3.4	4	36	3.7	5	47
	REPAIR BLADDER INJURY	0.1	0	3	0.3	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	4	0.2	1	5	0.3	1	5
	REP THORAC AORTA, INNOMINATE, SUBCLAVIAN	0.0	0	1	0.1	0	3	0.1	0	3
	REPAIR OF CAROTID OR OTHER MAJOR NECK VESSELS	0.0	0	2	0.1	0	2	0.1	0	3
	REPAIR OF ABDOMINAL AORTA OR VENA CAVA	0.1	0	2	0.2	1	10	0.3	1	11
	REP PERIPHERAL VESSELS	0.2	1	8	1.0	2	15	1.2	2	15
	FASCIOTOMY FOR INJURY	0.1	0	3	1.0	1	8	1.2	1	8
	REPAIR OTHER MAJOR VASC INJURY (TR1)	0.1	0	3	0.3	1	22	0.4	1	22
	MANAGEMENT CARDIAC INJURY	0.1	0	4	0.2	0	3	0.3	1	4
	OTHER MAJOR TRAUMA	0.7	1	16	1.9	2	25	2.6	2	27
	Subtotal - TRAUMA	7.3	8	56	23.3	15	129	30.6	17	160

GENERAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,060

		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 (NO-MAJ CRED)	LARYNGOSCOPY	0.1	1	9	0.6	2	20	0.6	2	21
	BRONCHOSCOPY	0.7	2	30	9.7	14	154	10.4	14	154
	SCLEROTHERAPY/BANDING ESOPH VARICES	0.0	0	1	0.0	0	3	0.0	0	3
	ESOPHAGO-GASTRO-DUODENOSCOPY	8.5	10	63	27.2	18	141	35.7	16	143
	PERCUTAN ENDO GASTROSTOMY (PEG)	2.1	3	23	8.8	10	95	10.9	11	101
	ERCP W/WO PAPILOTOMY	0.2	2	42	0.4	2	21	0.6	3	63
	SIGMOIDOSCOPY, RIGID/FLEXIBLE	1.0	2	24	3.2	4	25	4.2	5	45
	FLEXIBLE COLONOSCOPY W/WO BX/POLYPECT	17.1	20	202	46.9	32	254	64.1	28	257
	CHOLEDOCHOSCOPY	0.0	0	11	0.0	0	2	0.1	0	11
	CYSTO/URETHROSCOPY	0.0	0	7	1.2	5	96	1.2	5	96
	OTHER ENDOSCOPY	0.6	2	53	1.5	2	26	2.1	3	53
	Subtotal - ENDOSCOPY (NOT MAJOR CRED)		30.4	29	222	99.5	51	347	130.0	46
MISC (NO-MAJ CRED)	REMOVE SKIN MOLES, SMALL TUMORS, ETC	0.6	1	13	7.1	9	69	7.8	9	69
	REMOVAL SUBCUT SMALL TUMORS, CYSTS, FBs	0.5	1	11	3.7	4	52	4.2	5	52
	REPAIR MINOR WOUNDS AND GRAFTS	0.1	0	9	1.2	3	49	1.4	3	58
	BANDING/INCISION THROMBOSED HEMORRHOID	0.1	0	3	0.2	1	6	0.3	1	6
	ENDORECTAL ULTRASOUND [MISCELLANEOUS]	0.0	0	7	0.1	0	10	0.1	1	17
	OTHER PROCEDURES	7.0	15	382	72.5	86	2,152	79.5	98	2,534
	Subtotal - MISC (NOT MAJOR CRED)		8.3	16	388	84.9	90	2,170	93.2	103

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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,060

		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									
PAT CARE (NO-MAJ CRED)	NON-OPERATIVE TRAUMA	12.3	27	541	35.0	46	360	47.3	53	761
	Subtotal - PATIENT CARE (NOT MAJOR CRED)	12.3	27	541	35.0	46	360	47.3	53	761
CRITCARE PAT MAN (NO-MAJ CRED)	VENTILATORY MANAGEMENT	6.3	12	278	14.8	24	319	21.0	25	320
	BLEED (NON-TRAUMA) > 3 UNITS	2.1	3	17	3.5	7	170	5.6	7	170
	HEMODYNAMIC INSTABILITY	3.4	4	43	7.4	11	144	10.8	11	144
	ORGAN DYSFUNCTION	3.7	7	164	7.4	15	284	11.1	16	284
	DYSRHYTHMIAS	1.9	3	21	3.7	6	79	5.5	6	79
	INVASIVE LINE MANAGE/MONITORING	5.8	10	172	12.7	20	240	18.5	21	240
	PARENTERAL/ENTERAL NUTRITION	4.3	7	126	9.4	20	321	13.7	21	321
	Subtotal - CRITCARE PAT MAN (NOT MAJ CRED)	27.4	38	681	58.8	93	1,392	86.2	94	1,392
TOTAL FOR CREDIT	Major Operations	245.4	65	829	720.6	151	1,435	966.0	166	1,801

GENERAL SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

Residency Review Committee for General Surgery

Report Date: October 10, 2011

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Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,060

	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	5	8	10	15	20	26	30	35	44	0	1	1	2	4	0	0	1	1	3	26	32	39	46	56
HEAD/NECK	1	2	4	5	8	10	14	18	24	34	0	0	1	1	3	0	0	1	1	2	12	17	22	28	40
BREAST	2	4	8	12	20	31	44	52	62	78	0	0	0	1	2	0	1	2	4	10	40	52	62	74	89
ALIM TR-ESOPHAGUS	1	2	4	7	12	2	3	4	6	10	0	0	0	0	0	0	0	1	1	3	4	6	9	14	20
ALIM TR-STOMACH	5	7	9	15	28	11	15	19	25	41	0	0	1	1	2	0	1	1	3	8	18	23	31	41	66
ALIM TR-SMALL INT	9	12	14	17	22	17	22	26	31	42	0	1	1	1	3	0	0	1	2	3	28	36	41	48	58
ALIM TR-LARGE INT	25	35	41	49	64	61	80	95	111	133	1	3	5	8	15	0	2	4	7	15	97	118	142	155	184
ALIM TR-ANO-RECTAL	2	3	5	7	13	11	15	18	23	31	0	0	0	1	2	0	0	0	1	3	14	20	24	31	40
ABDOMEN-GENERAL	5	8	9	12	17	10	15	18	22	29	0	0	1	1	2	0	0	1	2	3	17	23	28	34	43
ABDOMEN-LIVER	1	2	4	5	8	2	3	4	6	9	0	0	0	0	0	0	0	0	1	1	4	7	8	11	15
ABDOMEN-BILIARY	16	23	30	39	54	55	76	91	104	136	1	3	4	7	13	0	2	3	6	16	81	102	121	141	178
ABDOMEN-PANCREAS	2	3	5	9	12	1	2	3	5	9	0	0	0	0	0	0	0	0	1	2	4	6	9	13	19
ABDOMEN-SPLEEN	0	1	1	2	3	1	1	2	2	3	0	0	0	0	0	0	0	0	0	1	1	2	3	4	5
ABDOMEN-HERNIA	15	21	27	34	47	59	72	81	94	123	0	2	3	5	9	0	1	2	5	11	81	98	111	128	157
VASC-ANEURYSM REPAIR	0	1	2	4	7	2	3	4	6	10	0	0	0	0	0	0	0	1	1	3	3	5	7	10	15
VASC-CEREBROVASCULAR	0	1	4	6	12	2	6	8	11	17	0	0	0	0	0	0	0	1	1	5	5	9	13	17	25
VASC-PERIPH OBST	0	2	6	9	15	7	11	15	19	26	0	0	0	0	1	0	0	1	1	4	11	16	21	25	38
VASC-ABDOMINAL OBSTRUCT	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	1	1	2	0	1	1	2	3	0	0	0	0	0	0	0	0	0	1	1	1	2	3	4
VASC-THROMBOLYSIS/MECH THROMB	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
VASC-MISC ENDOVASC THERA	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	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
VASC-VEINUS	0	0	1	2	4	2	4	7	10	18	0	0	0	0	1	0	0	0	0	1	3	5	8	11	21
VASC-ENDOVASCULAR DIAG	0	0	0	1	3	0	0	1	2	5	0	0	0	0	0	0	0	0	0	0	0	1	1	3	7
VASC-MISC VASC	0	0	1	1	2	2	3	4	5	7	0	0	0	0	0	0	0	0	0	1	2	4	5	6	9
VASC-VASC ACCESS	0	1	3	7	14	13	20	27	35	51	0	0	0	0	1	0	0	1	2	4	15	24	33	41	59
ENDOCRINE	3	7	10	15	26	7	12	18	26	43	0	0	0	0	1	0	0	1	2	5	16	23	30	41	58
HAND	0	0	0	0	1	0	1	2	2	5	0	0	0	0	0	0	0	0	0	1	1	1	2	3	6
THORACIC	1	2	4	7	13	16	23	30	38	54	0	0	0	0	1	0	1	2	4	9	20	28	35	44	63
PEDIATRIC	0	0	1	1	4	17	23	27	34	47	0	0	0	0	0	0	0	1	1	4	18	23	29	35	50

GENERAL SURGERY: NATIONAL PROGRAM STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

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[PAGE 2] Number of Programs in the Nation: 240 Number of Residents in the Nation: 1,060

	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	1	1	0	1	1	2	5	0	0	0	0	0	0	0	0	0	1	1	1	2	3	6
PLASTIC	1	1	2	2	4	10	14	18	23	36	0	0	0	1	1	0	0	1	1	4	11	16	20	25	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	1	0	1	1	2	5	0	0	0	0	0	0	0	0	0	1	0	1	1	2	6
ORGAN TRANSPLANT	0	0	0	0	2	1	4	7	11	20	0	0	0	0	0	0	0	0	1	2	2	4	7	12	21
TRAUMA	1	3	5	9	16	12	17	21	26	41	0	0	1	1	3	0	0	1	2	3	17	21	27	34	52
ENDOSCOPY (NO-MAJ CRED)	5	15	26	42	64	45	80	96	117	155	0	0	1	1	3	0	0	0	1	3	100	112	121	133	175
MISC (NO-MAJ CRED)	2	4	6	9	17	36	57	73	94	141	0	1	1	2	6	0	1	2	3	9	39	63	79	102	158
CRITCARE PAT MAN (NO-MAJ CRED)	4	13	22	32	53	15	30	43	62	121	0	0	0	0	1	0	0	0	0	0	41	59	72	85	141
TOTAL FOR CREDIT	190	216	243	272	314	602	665	700	771	906	7	15	25	34	53	6	17	35	56	113	829	906	944	1,033	1,184