



Accreditation Council for Graduate Medical Education

Pediatric Surgery Case Logs

National Data Report

Prepared by: Department of Applications and Data Analysis

I. National Resident Statistics Main Table

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

PEDIATRIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2015-2016
Residency Review Committee for Surgery
Report Date: August 24, 2016
Resident Role = All Roles

[PAGE 1]

Number of Programs in the Nation: 37 Number of Residents in the Nation: 39

		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Skin/Soft Tissue/Musculoskeletal	Burn debridement or grafting	6.3	17	0	0	96	0.4	1	0	0	8	6.7	17	0	0	100
	Complex wound closure	3.1	4	0	2	19	0.7	2	0	0	10	3.8	4	0	2	19
	Breast	3.7	6	0	2	36	0.1	0	0	0	1	3.7	6	0	3	36
	Pilonidal cyst excision	5.3	6	0	3	33	0.1	0	0	0	2	5.3	6	0	3	33
	Major excision soft tissue tumor	10.5	8	0	8	44	0.1	1	0	0	3	10.6	9	0	8	47
	Major soft tissue repair for trauma	2.9	3	0	2	10	0.4	1	0	0	5	3.3	3	0	2	15
	Other (skin/soft tissue/musc)	11.4	7	0	11	30	0.5	1	0	0	6	12.0	7	0	12	30
	TOTAL - Skin/Soft Tissue/Musc	43.1	32	9	32	154	2.3	3	0	1	16	45.4	34	10	33	159
	Head & Neck	Thyroidectomy (any)	6.2	6	0	4	28	0.1	0	0	0	1	6.2	6	0	4
	Parathyroidectomy (any)	0.3	1	0	0	2	0.0	0	0	0	0	0.3	1	0	0	2
	Branchial cleft cyst/sinus	3.7	3	0	3	14	0.1	0	0	0	1	3.7	3	0	3	14
	Thyroglossal duct cyst/sinus	3.6	3	1	3	12	0.0	0	0	0	0	3.6	3	1	3	12
	Cystic hygroma/lymphangioma	0.4	1	0	0	4	0.0	0	0	0	1	0.4	1	0	0	4
	Dermoid/other cyst	6.6	7	0	5	33	0.2	0	0	0	2	6.8	7	0	5	34
	Major tumor (head & neck)	2.3	2	0	2	9	0.0	0	0	0	0	2.3	2	0	2	9
	Other (head & neck)	3.6	3	0	3	13	0.2	1	0	0	3	3.8	3	0	3	13
	TOTAL - Head & Neck	26.8	11	13	25	55	0.5	1	0	0	4	27.3	11	13	25	56

Based upon the number of procedures logged by residents in the indicated role.

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RRC Area	RRC Procedure															
Thoracic	Tracheostomy	1.9	3	0	1	12	0.1	0	0	0	2	2.0	3	0	1	12
	Laryngeal or tracheal resect and/or recon	0.4	1	0	0	7	0.2	1	0	0	6	0.6	2	0	0	13
	Repair chest wall deformity	14.9	11	3	11	47	0.1	0	0	0	2	15.0	11	3	11	47
	Resection chest wall tumor	0.9	2	0	0	7	0.0	0	0	0	1	1.0	2	0	0	7
	Excision mediastinal cyst	2.9	2	0	3	8	0.1	0	0	0	1	3.0	2	0	3	8
	Excision mediastinal tumor	3.0	4	0	2	21	0.2	1	0	0	3	3.2	4	0	2	24
	Pulmonary resection: open	6.7	6	0	6	34	0.5	1	0	0	8	7.2	6	0	6	34
	Pulmonary resection: scope	8.0	6	1	6	38	0.1	0	0	0	1	8.1	7	1	6	39
	Thoracotomy for trauma	0.5	1	0	0	3	0.1	0	0	0	1	0.5	1	0	0	3
	Lung biopsy: open	2.3	2	0	2	12	0.4	2	0	0	9	2.7	3	0	2	12
	Lung biopsy: scope	2.3	2	0	2	11	0.1	0	0	0	2	2.4	3	0	2	13
	Decortication/pleurectomy/blebectomy: open	0.2	0	0	0	2	0.1	0	0	0	1	0.2	0	0	0	2
	Decortication/pleurectomy/blebectomy: scope	6.4	4	0	6	16	0.4	1	0	0	2	6.7	4	0	6	17
	Esophageal resection or replacement	3.2	4	0	2	17	0.3	1	0	0	8	3.5	4	0	2	19
	Esophagomyotomy	1.0	1	0	0	6	0.1	0	0	0	2	1.1	2	0	0	6
	Repair esophageal atresia/tracheoesophageal fistula	9.3	6	1	8	31	0.1	0	0	0	2	9.4	6	1	8	33
	Thoracoscopy: other	1.0	1	0	1	5	0.2	1	0	0	3	1.2	1	0	1	6
	Thoracotomy: other	0.8	1	0	1	5	0.3	1	0	0	4	1.1	1	0	1	6
	Other (thoracic)	0.9	2	0	0	7	0.5	2	0	0	11	1.4	3	0	0	13
	TOTAL - Thoracic	66.5	23	30	64	117	3.7	5	0	2	23	70.2	26	30	67	140

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RRC Area	RRC Procedure															
Diaphragm	Repair diaphragmatic hernia	15.5	8	2	14	35	0.3	1	0	0	4	15.8	8	2	14	35
	Plication of diaphragm	1.1	1	0	1	6	0.1	0	0	0	1	1.1	1	0	1	6
	Transthoracic and/or retroperitoneal exp for scoliosis	0.7	2	0	0	10	0.1	0	0	0	1	0.7	2	0	0	11
	Other (diaphragm)	0.5	1	0	0	3	0.2	0	0	0	2	0.7	1	0	0	4
	TOTAL - Diaphragm	17.8	9	3	16	47	0.6	1	0	0	6	18.4	9	3	16	48
Cardiovascular	Patent ductus arteriosis	1.1	4	0	0	23	0.0	0	0	0	0	1.1	4	0	0	23
	Vascular ring	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Any open heart procedure	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Any closed heart procedure	0.1	0	0	0	2	0.0	0	0	0	1	0.1	0	0	0	3
	Aortopexy	0.5	2	0	0	11	0.0	0	0	0	0	0.5	2	0	0	11
	Renal artery reconstruction	0.0	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Peripheral artery reconstruction	0.2	1	0	0	3	0.0	0	0	0	0	0.2	1	0	0	3
	Construction or take down AV fistula/shunt	0.3	1	0	0	2	0.1	0	0	0	1	0.3	1	0	0	2
	Surgical placement/removal central access line	82.9	45	19	83	236	11.2	16	0	8	76	94.1	52	26	83	244
	Dialysis access insertion/removal	1.0	2	0	0	10	0.0	0	0	0	0	1.0	2	0	0	10
	Cannulate/ECMO	16.5	9	2	15	36	0.1	1	0	0	3	16.6	9	2	15	36
	Major vessel reconstruction	1.1	2	0	1	7	0.2	1	0	0	2	1.3	2	0	1	8
	Vascular trauma	0.4	1	0	0	2	0.2	1	0	0	4	0.5	1	0	0	5
	Vascular: post-operative exploration	0.7	1	0	0	7	0.0	0	0	0	0	0.7	1	0	0	7
	TOTAL - Cardiovascular	104.9	47	26	105	246	11.8	16	0	9	79	116.7	55	39	111	258

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RRC Area	RRC Procedure															
Abdominal	Antireflux procedure: open	7.1	8	0	5	29	0.4	1	0	0	5	7.5	8	0	5	34
	Antireflux procedure: scope	25.9	19	4	21	91	0.4	1	0	0	4	26.3	19	4	21	95
	Pyloroplasty/gastric resection w/wout vagotomy	2.8	5	0	1	34	0.4	1	0	0	4	3.2	6	0	2	35
	Pyloroplasty/gastric resect w/wout vagotomy - lap	0.6	1	0	0	4	0.1	0	0	0	1	0.6	1	0	0	4
	Any gastrostomy/jejunostomy: open	14.6	13	0	12	56	9.0	10	0	4	43	23.6	17	1	19	75
	Any gastrostomy/jejunostomy: scope	39.4	23	8	31	91	11.1	16	0	6	88	50.4	28	17	44	119
	Pyloromyotomy: open	6.2	8	0	5	33	0.0	0	0	0	1	6.2	8	0	5	33
	Pyloromyotomy: scope	31.0	18	4	26	85	0.1	0	0	0	1	31.1	18	4	27	85
	Operation for malrotation	10.5	7	2	10	40	1.2	2	0	1	8	11.7	8	2	11	48
	Duodenal atresia	5.1	4	0	4	18	0.1	0	0	0	1	5.1	4	0	4	18
	Repair intestinal atresia, stenosis or web	14.0	8	3	13	47	1.9	2	0	1	8	15.9	8	3	15	50
	Intestinal resection: open	23.9	12	6	22	63	4.7	6	0	3	21	28.6	14	6	27	63
	Intestinal resection: scope	3.2	3	0	2	10	0.1	0	0	0	1	3.3	3	0	2	10
	Intestinal resection/repair or ostomy for IBD	3.0	2	0	3	7	0.7	3	0	0	15	3.8	4	0	3	18
	Intestinal resect/repair or ostomy for IBD - lap	4.7	5	0	4	24	0.1	0	0	0	1	4.8	5	0	4	25
	Intestinal resection/repair or ostomy for trauma	3.5	3	0	3	10	1.1	2	0	0	7	4.6	4	0	4	12
	Intestinal resect/repair or ostomy for trauma - lap	0.5	1	0	0	5	0.1	0	0	0	1	0.5	1	0	0	5
	Bowel resection: open	3.0	5	0	2	22	0.3	1	0	0	2	3.3	5	0	2	23
	Bowel resection: scope	1.8	3	0	1	14	0.1	0	0	0	1	1.9	3	0	1	14
	Lap/resec for intussusception-malrotation-volvulus	7.0	4	0	7	18	0.3	1	0	0	3	7.3	4	0	7	21
	Ostomy for anorectal malformation: open	4.5	4	0	4	20	0.6	1	0	0	5	5.1	5	0	4	25
	Ostomy for anorectal malformation: laparoscopic	1.1	1	0	0	5	0.1	0	0	0	1	1.1	2	0	1	6

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RRC Area	RRC Procedure															
Abdominal	Ostomy for Hirschsprung's: open	1.5	2	0	1	9	0.0	0	0	0	1	1.5	2	0	1	9
	Ostomy for Hirschsprung's: laparoscopic	1.6	2	0	1	6	0.1	0	0	0	2	1.7	2	0	1	7
	Ostomy for other: open	7.2	6	1	7	36	1.5	2	0	2	6	8.7	7	1	8	40
	Ostomy for other: laparoscopic	0.6	1	0	0	3	0.0	0	0	0	1	0.6	1	0	0	3
	Closure/revision any ostomy/fistula: open	23.8	10	6	24	60	2.3	3	0	1	15	26.1	11	8	25	65
	Closure/revision any ostomy/fistula: scope	0.3	0	0	0	2	0.1	0	0	0	2	0.4	1	0	0	2
	Appendectomy: open	2.9	3	0	2	14	1.9	3	0	1	17	4.9	5	0	3	25
	Appendectomy: scope	123.3	97	18	96	521	1.5	2	0	1	5	124.8	98	19	99	526
	Perineal procedure for imperforate anus	15.0	9	5	13	49	0.2	0	0	0	2	15.2	9	5	13	50
	Pull through for Hirschsprung's: open	5.5	4	0	4	17	0.1	0	0	0	1	5.5	4	0	4	18
	Pull through for Hirschsprung's: scope	3.8	3	0	3	12	0.0	0	0	0	0	3.8	3	0	3	12
	Pull through for IBD or polyposis: open	1.0	2	0	0	12	0.0	0	0	0	0	1.0	2	0	0	12
	Pull through for IBD or polyposis: scope	0.4	1	0	0	3	0.0	0	0	0	1	0.4	1	0	0	4
	Exploratory lap with or without biopsy: open	30.1	13	11	31	79	19.7	26	0	10	109	49.7	36	14	41	188
	Exploratory lap with or without biopsy: lap	3.1	5	0	2	31	1.0	2	0	0	10	4.1	6	0	3	33
	Excision of omental/mesenteric cyst	0.9	2	0	0	7	0.1	0	0	0	1	0.9	2	0	0	7
	Omphalocele (any surgical repair)	5.8	4	1	5	18	0.2	0	0	0	2	5.9	4	1	6	18
	Gastroschisis (any surgical repair)	13.3	7	2	13	30	0.0	0	0	0	1	13.3	7	2	13	30
	Resection urachal remnant	3.2	2	0	3	10	0.1	0	0	0	1	3.3	2	0	3	10
	Resection omphalomesenteric duct/cyst	1.8	2	0	2	6	0.3	1	0	0	2	2.1	2	0	2	6
	Excision neuroblastoma/adrenal/other retroperitoneal tumor	7.9	4	1	8	20	0.2	0	0	0	1	8.1	4	1	8	21
	Excision sacrococcygeal teratoma	2.5	2	0	2	8	0.0	0	0	0	0	2.5	2	0	2	8

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RRC Area	RRC Procedure															
Abdominal	Diagnostic laparoscopy	13.2	9	0	10	46	17.5	24	0	5	86	30.7	29	0	18	113
	Adrenal: open	0.6	1	0	0	3	0.1	0	0	0	1	0.6	1	0	0	3
	Adrenal: scope	1.4	1	0	2	5	0.1	0	0	0	2	1.5	1	0	2	5
	Other (abdominal)	18.7	11	1	16	45	0.8	1	0	0	4	19.5	11	1	16	47
	TOTAL - Abdominal	502.5	173	195	467	1,269	80.3	78	0	61	374	582.9	225	227	545	1,643
Hernia Repair	Pediatric repair inguinal hernia > 6 months	40.5	24	12	37	143	2.2	3	0	1	12	42.6	26	13	38	152
	Infant repair inguinal hernia < 6 months	42.0	18	16	37	90	3.6	6	0	1	27	45.6	20	16	44	90
	Repair umbilical hernia	21.9	20	1	15	95	4.1	5	0	3	23	26.0	23	1	18	118
	Repair ventral hernia	7.2	6	1	5	33	1.0	2	0	0	6	8.2	7	1	6	39
	Repair femoral hernia	0.2	0	0	0	1	0.0	0	0	0	1	0.2	0	0	0	2
	Hernia repair: scope	10.6	19	0	3	84	1.7	6	0	0	31	12.3	19	0	3	85
	Other (hernia repair)	2.1	2	0	2	6	0.1	0	0	0	1	2.2	2	0	2	6
	TOTAL - Hernia Repair	124.5	55	42	118	324	12.7	15	0	7	64	137.2	60	45	127	368

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RRC Area	RRC Procedure															
Liver/Biliary	Major hepatic resection/repair: tumor	3.4	3	0	3	12	0.1	0	0	0	1	3.5	3	0	3	13
	Major hepatic resection/repair: trauma	0.3	1	0	0	2	0.0	0	0	0	1	0.4	1	0	0	2
	Major hepatic resection/repair: other	0.1	0	0	0	2	0.0	0	0	0	1	0.2	0	0	0	2
	Lysis of adhesions	0.7	1	0	0	8	0.6	2	0	0	11	1.3	3	0	0	19
	Liver: biliary atresia	3.6	2	0	3	11	0.2	1	0	0	2	3.8	3	0	3	12
	Liver biopsy: open	2.5	2	0	2	8	0.8	1	0	0	4	3.2	3	0	3	11
	Liver harvest	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Liver transplant	0.7	3	0	0	14	0.0	0	0	0	0	0.7	3	0	0	14
	Cholecystectomy w/wo common bile duct exploration: open	1.1	1	0	1	5	0.4	1	0	0	3	1.5	2	0	1	6
	Cholecystectomy w/wo common bile duct exploration: scope	27.7	14	6	25	61	0.7	1	0	0	4	28.4	14	6	25	61
	Portoenterostomy	0.9	2	0	0	7	0.0	0	0	0	0	0.9	2	0	0	7
	Excision choledochal cyst	2.5	2	0	2	7	0.4	1	0	0	5	2.9	2	0	3	10
	Portosystemic shunts or other operations for portal hypertension	0.5	1	0	0	8	0.0	0	0	0	1	0.6	1	0	0	8
	Pancreatic resection for: trauma	1.0	1	0	1	4	0.0	0	0	0	1	1.0	1	0	1	4
	Pancreatic resection for: hyperinsulinism	0.4	2	0	0	14	0.0	0	0	0	0	0.4	2	0	0	14
	Pancreatic resection for: tumor	0.4	1	0	0	2	0.0	0	0	0	0	0.4	1	0	0	2
	Pancreas: other	0.3	1	0	0	5	0.0	0	0	0	1	0.4	1	0	0	6
	Operations for pseudocyst	0.6	1	0	0	5	0.0	0	0	0	1	0.7	1	0	0	5
	Splenorrhaphy	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Splenectomy: open	1.3	1	0	1	6	0.2	0	0	0	2	1.5	2	0	1	6
	Splenectomy: scope	6.2	4	0	6	13	0.0	0	0	0	0	6.2	4	0	6	13
	Other (liver)	0.6	1	0	0	2	0.0	0	0	0	1	0.6	1	0	0	2
	TOTAL - Liver/Biliary	55.1	17	12	56	97	3.6	3	0	3	11	58.6	19	13	61	105

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Residency Review Committee for Surgery
Report Date: August 24, 2016
Resident Role = All Roles

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Number of Programs in the Nation: 37 Number of Residents in the Nation: 39

		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Genito Urinary	Nephrectomy (total or partial): tumor	5.1	3	0	5	17	0.2	0	0	0	2	5.4	3	0	5	18
	Nephrectomy (total or partial): trauma	0.2	0	0	0	2	0.0	0	0	0	1	0.2	1	0	0	3
	Nephrectomy (total or partial/nephorrhaphy)	0.5	1	0	0	3	0.1	0	0	0	1	0.6	1	0	0	3
	Nephrectomy (total or partial): other	0.2	1	0	0	2	0.0	0	0	0	1	0.2	1	0	0	3
	Renal transplant	1.6	4	0	0	16	0.1	0	0	0	2	1.6	4	0	0	16
	Renal: scope	0.6	1	0	0	5	0.1	0	0	0	2	0.7	1	0	0	7
	Renal biopsy (open)	0.5	1	0	0	3	0.1	0	0	0	1	0.5	1	0	0	3
	Cystectomy (partial or total)	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Enteric conduit (any)	0.4	1	0	0	3	0.0	0	0	0	0	0.4	1	0	0	3
	Bladder augmentation or repair (any)	0.2	1	0	0	4	0.0	0	0	0	0	0.2	1	0	0	4
	Pyeloplasty/UPJ reconstruction	0.3	1	0	0	3	0.0	0	0	0	1	0.3	1	0	0	3
	Ureteral reconstruction/reimplantation	0.3	1	0	0	3	0.1	0	0	0	1	0.4	1	0	0	3
	Reconstruct cloacal extrophy	0.8	1	0	0	6	0.1	0	0	0	1	0.8	1	0	1	6
	Circumcision (OR only)	20.2	15	2	17	69	6.8	10	0	3	48	27.1	21	2	24	117
	Orchidopexy: open	15.3	12	4	11	56	1.1	2	0	0	6	16.4	13	4	12	56
	Orchidopexy: scope	2.3	3	0	1	13	0.1	0	0	0	2	2.4	3	0	1	14
	Orchiectomy	1.8	3	0	1	12	0.2	1	0	0	2	2.0	3	0	1	13
	Operation for torsion testis/appendages	1.6	4	0	0	19	0.3	1	0	0	4	1.8	4	0	0	19
	Operation for varicocele: open	0.2	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	2
	Operation for varicocele: scope	0.3	1	0	0	2	0.0	0	0	0	0	0.3	1	0	0	2
	Procedures for intersex	0.5	1	0	0	3	0.1	0	0	0	2	0.6	1	0	0	5
	Vaginal procedures: open	1.6	2	0	1	6	0.2	1	0	0	4	1.8	2	0	1	7
	Oophorectomy (partial or total)	11.2	9	2	10	57	0.4	1	0	0	3	11.5	9	3	10	58
	Hysterectomy/salpingectomy: open	0.7	1	0	0	3	0.1	0	0	0	2	0.8	1	0	0	3
	Hysterectomy/salpingectomy: scope	3.6	5	0	2	24	0.1	0	0	0	1	3.7	5	0	2	24
	Rpr complex laceration vagina/perineum	0.7	1	0	0	4	0.0	0	0	0	1	0.7	1	0	0	4
	Other (genito urinary)	2.3	6	0	1	35	0.2	0	0	0	2	2.5	6	0	1	37
	TOTAL - Genito Urinary	72.9	34	31	62	184	10.3	11	0	7	52	83.2	40	32	75	235

Based upon the number of procedures logged by residents in the indicated role.

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Endoscopic Procedures	Diagnostic thoracoscopy	1.2	2	0	0	6	0.5	1	0	0	5	1.7	2	0	1	8
	Esophageal dilation	9.8	9	0	8	48	0.6	1	0	0	6	10.4	10	0	8	50
	Esophagoscopy	5.0	10	0	2	54	0.7	1	0	0	6	5.8	10	0	3	54
	Esophagoscopy: gastroscopy	4.5	6	0	2	19	0.8	3	0	0	17	5.3	7	0	3	22
	Cystoscopy/colposcopy	1.6	2	0	1	7	0.4	1	0	0	3	2.0	2	0	1	8
	Laryngoscopy/bronchoscopy	7.5	5	1	6	19	3.0	5	0	2	27	10.5	9	1	7	39
	Removal foreign body esophagus or trachea	15.6	16	0	11	75	0.3	1	0	0	4	16.0	16	0	11	75
	Colonoscopy	0.5	1	0	0	4	0.2	1	0	0	6	0.7	2	0	0	10
	Sigmoidoscopy	2.6	3	0	2	12	0.6	1	0	0	5	3.2	4	0	2	16
	TOTAL - Endoscopic Procedures	48.4	24	18	42	132	7.1	8	0	4	35	55.5	26	22	45	141
Trauma	Non-operative Trauma	128.5	46	90	114	276	0.3	1	0	0	3	128.8	46	90	115	276
Total Procedures	TOTAL - Tracked Codes	1,191.1	305	539	1,108	2,475	133.2	116	0	111	513	1,324.3	371	629	1,253	2,988
Non-Tracked	TOTAL - Non-Tracked Codes	67.1	50	1	53	203	19.9	28	0	10	133	87.0	60	1	72	233

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RRC Area	RRC Procedure															
Skin/Soft Tissue/Musculoskeletal	Burn debridement or grafting	6.0	17	0	0	96	0.4	1	0	0	8	6.4	17	0	0	100
	Complex wound closure	2.8	3	0	2	19	0.7	2	0	0	10	3.5	4	0	2	19
	Breast	3.6	6	0	2	36	0.1	0	0	0	1	3.7	6	0	3	36
	Pilonidal cyst excision	5.1	6	0	3	33	0.1	0	0	0	2	5.2	7	0	3	33
	Major excision soft tissue tumor	10.0	8	0	8	44	0.1	1	0	0	3	10.1	8	0	8	47
	Major soft tissue repair for trauma	2.7	3	0	2	10	0.4	1	0	0	5	3.1	3	0	2	15
	Other (skin/soft tissue/musc)	11.1	7	0	11	30	0.5	1	0	0	6	11.6	7	0	11	30
	TOTAL - Skin/Soft Tissue/Musc	41.4	32	9	32	153	2.2	3	0	1	16	43.6	34	10	33	158
	Head & Neck	Thyroidectomy (any)	6.2	6	0	4	28	0.1	0	0	0	1	6.2	6	0	4
Parathyroidectomy (any)		0.3	1	0	0	2	0.0	0	0	0	0	0.3	1	0	0	2
Branchial cleft cyst/sinus		3.7	3	0	3	14	0.1	0	0	0	1	3.7	3	0	3	14
Thyroglossal duct cyst/sinus		3.6	3	0	3	12	0.0	0	0	0	0	3.6	3	0	3	12
Cystic hygroma/lymphangioma		0.4	1	0	0	4	0.0	0	0	0	1	0.4	1	0	0	4
Dermoid/other cyst		6.5	7	0	4	33	0.2	0	0	0	2	6.6	7	0	5	34
Major tumor (head & neck)		2.3	2	0	2	9	0.0	0	0	0	0	2.3	2	0	2	9
Other (head & neck)		3.5	3	0	2	12	0.2	1	0	0	3	3.7	3	0	3	12
TOTAL - Head & Neck		26.4	11	10	25	54	0.5	1	0	0	4	26.9	11	10	25	55

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RRC Area	RRC Procedure															
Thoracic	Tracheostomy	1.9	3	0	1	12	0.1	0	0	0	2	2.0	3	0	1	12
	Laryngeal or tracheal resect and/or recon	0.4	1	0	0	7	0.2	1	0	0	6	0.6	2	0	0	13
	Repair chest wall deformity	14.5	10	3	11	47	0.1	0	0	0	2	14.6	11	3	11	47
	Resection chest wall tumor	0.9	2	0	0	7	0.0	0	0	0	1	1.0	2	0	0	7
	Excision mediastinal cyst	2.9	2	0	3	8	0.1	0	0	0	1	3.0	2	0	3	8
	Excision mediastinal tumor	3.0	4	0	2	21	0.2	1	0	0	3	3.2	4	0	2	24
	Pulmonary resection: open	6.6	6	0	6	33	0.5	1	0	0	8	7.1	6	0	6	33
	Pulmonary resection: scope	7.9	7	1	6	38	0.1	0	0	0	1	8.0	7	1	6	39
	Thoracotomy for trauma	0.5	1	0	0	3	0.1	0	0	0	1	0.5	1	0	0	3
	Lung biopsy: open	2.2	2	0	2	11	0.4	2	0	0	9	2.6	3	0	2	12
	Lung biopsy: scope	2.2	3	0	2	11	0.1	0	0	0	2	2.3	3	0	2	13
	Decortication/pleurectomy/blebectomy: open	0.1	0	0	0	2	0.1	0	0	0	1	0.2	0	0	0	2
	Decortication/pleurectomy/blebectomy: scope	6.0	4	0	5	16	0.4	1	0	0	2	6.4	4	0	5	17
	Esophageal resection or replacement	3.2	4	0	2	17	0.3	1	0	0	8	3.5	4	0	2	19
	Esophagomyotomy	1.0	1	0	0	6	0.1	0	0	0	2	1.1	2	0	0	6
	Repair esophageal atresia/tracheoesophageal fistula	9.1	6	1	8	31	0.1	0	0	0	2	9.2	6	1	8	33
	Thoracoscopy: other	1.0	1	0	1	5	0.2	1	0	0	3	1.2	1	0	1	6
	Thoracotomy: other	0.8	1	0	1	5	0.3	1	0	0	4	1.1	1	0	1	6
	Other (thoracic)	0.9	2	0	0	7	0.4	2	0	0	10	1.4	2	0	0	12
	TOTAL - Thoracic	65.2	24	29	64	117	3.7	5	0	2	23	68.8	26	29	66	140

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[PAGE 3] Number of Programs in the Nation: 37 Number of Residents in the Nation: 39

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RRC Area	RRC Procedure															
Diaphragm	Repair diaphragmatic hernia	15.2	8	2	14	35	0.3	1	0	0	4	15.5	8	2	14	35
	Plication of diaphragm	1.1	1	0	1	6	0.1	0	0	0	1	1.1	1	0	1	6
	Transthoracic and/or retroperitoneal exp for scoliosis	0.7	2	0	0	10	0.1	0	0	0	1	0.7	2	0	0	11
	Other (diaphragm)	0.5	1	0	0	3	0.2	0	0	0	2	0.7	1	0	0	4
	TOTAL - Diaphragm	17.5	9	3	16	47	0.6	1	0	0	6	18.1	9	3	16	48
Cardiovascular	Patent ductus arteriosus	1.1	4	0	0	23	0.0	0	0	0	0	1.1	4	0	0	23
	Vascular ring	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Any open heart procedure	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Any closed heart procedure	0.1	0	0	0	2	0.0	0	0	0	1	0.1	0	0	0	3
	Aortopexy	0.5	2	0	0	10	0.0	0	0	0	0	0.5	2	0	0	10
	Renal artery reconstruction	0.0	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Peripheral artery reconstruction	0.2	1	0	0	3	0.0	0	0	0	0	0.2	1	0	0	3
	Construction or take down AV fistula/shunt	0.3	1	0	0	2	0.1	0	0	0	1	0.3	1	0	0	2
	Surgical placement/removal central access line	79.7	44	17	75	235	11.1	16	0	7	75	90.8	50	26	83	243
	Dialysis access insertion/removal	1.0	2	0	0	10	0.0	0	0	0	0	1.0	2	0	0	10
	Cannulate/ECMO	16.2	9	2	15	36	0.1	1	0	0	3	16.3	9	2	15	36
	Major vessel reconstruction	1.1	2	0	1	7	0.2	1	0	0	2	1.2	2	0	1	8
	Vascular trauma	0.3	1	0	0	2	0.2	1	0	0	4	0.5	1	0	0	5
	Vascular: post-operative exploration	0.7	1	0	0	7	0.0	0	0	0	0	0.7	1	0	0	7
	TOTAL - Cardiovascular	101.4	46	26	99	243	11.7	16	0	9	78	113.1	54	39	103	252

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[PAGE 4] Number of Programs in the Nation: 37 Number of Residents in the Nation: 39

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RRC Area	RRC Procedure															
Abdominal	Antireflux procedure: open	7.0	7	0	5	29	0.4	1	0	0	5	7.4	8	0	5	34
	Antireflux procedure: scope	25.7	19	4	20	91	0.4	1	0	0	4	26.1	19	4	21	95
	Pyloroplasty/gastric resection w/wout vagotomy	2.8	5	0	1	34	0.4	1	0	0	4	3.2	6	0	2	35
	Pyloroplasty/gastric resect w/wout vagotomy - lap	0.6	1	0	0	4	0.1	0	0	0	1	0.6	1	0	0	4
	Any gastrostomy/jejunostomy: open	14.4	12	0	12	56	9.0	10	0	4	43	23.4	17	1	19	75
	Any gastrostomy/jejunostomy: scope	38.1	23	8	29	91	11.1	16	0	6	88	49.2	28	17	40	118
	Pyloromyotomy: open	6.1	8	0	4	33	0.0	0	0	0	1	6.1	8	0	4	33
	Pyloromyotomy: scope	30.1	17	4	25	82	0.1	0	0	0	1	30.1	17	4	25	82
	Operation for malrotation	10.3	7	2	10	40	1.2	2	0	1	8	11.5	8	2	11	48
	Duodenal atresia	4.9	4	0	4	18	0.1	0	0	0	1	5.0	4	0	4	18
	Repair intestinal atresia, stenosis or web	13.9	7	3	13	47	1.9	2	0	1	8	15.7	8	3	15	50
	Intestinal resection: open	23.6	12	6	22	63	4.6	5	0	3	21	28.2	14	6	27	63
	Intestinal resection: scope	3.2	3	0	2	10	0.1	0	0	0	1	3.3	3	0	2	10
	Intestinal resection/repair or ostomy for IBD	3.0	2	0	3	7	0.7	3	0	0	15	3.7	4	0	3	18
	Intestinal resect/repair or ostomy for IBD - lap	4.6	5	0	4	22	0.1	0	0	0	1	4.7	5	0	4	23
	Intestinal resection/repair or ostomy for trauma	3.4	3	0	3	10	1.0	2	0	0	7	4.4	4	0	4	12
	Intestinal resect/repair or ostomy for trauma - lap	0.5	1	0	0	4	0.1	0	0	0	1	0.5	1	0	0	4
	Bowel resection: open	3.0	4	0	2	22	0.3	1	0	0	2	3.3	5	0	2	23
	Bowel resection: scope	1.8	3	0	1	14	0.1	0	0	0	1	1.8	3	0	1	14
	Lap/resec for intussusception-malrotation-volvulus	6.9	4	0	7	18	0.3	1	0	0	3	7.2	4	0	7	21
	Ostomy for anorectal malformation: open	4.5	4	0	4	20	0.6	1	0	0	5	5.1	5	0	4	25
	Ostomy for anorectal malformation: laparoscopic	1.0	1	0	0	5	0.1	0	0	0	1	1.1	1	0	1	5

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RRC Area	RRC Procedure															
Abdominal	Ostomy for Hirschsprung's: open	1.5	2	0	1	9	0.0	0	0	0	1	1.5	2	0	1	9
	Ostomy for Hirschsprung's: laparoscopic	1.6	2	0	1	6	0.1	0	0	0	2	1.7	2	0	1	7
	Ostomy for other: open	7.1	6	1	6	36	1.4	2	0	1	6	8.6	7	1	8	40
	Ostomy for other: laparoscopic	0.6	1	0	0	3	0.0	0	0	0	1	0.6	1	0	0	3
	Closure/revision any ostomy/fistula: open	23.3	10	6	22	60	2.3	3	0	1	15	25.6	11	8	23	65
	Closure/revision any ostomy/fistula: scope	0.2	0	0	0	2	0.1	0	0	0	2	0.3	1	0	0	2
	Appendectomy: open	2.8	3	0	2	14	1.9	3	0	1	17	4.7	5	0	3	25
	Appendectomy: scope	108.9	97	17	88	521	1.4	2	0	1	5	110.4	98	17	89	526
	Perineal procedure for imperforate anus	14.8	9	5	13	48	0.2	0	0	0	2	15.0	9	5	13	49
	Pull through for Hirschsprung's: open	5.5	4	0	4	17	0.1	0	0	0	1	5.5	4	0	4	18
	Pull through for Hirschsprung's: scope	3.7	3	0	3	12	0.0	0	0	0	0	3.7	3	0	3	12
	Pull through for IBD or polyposis: open	0.9	2	0	0	10	0.0	0	0	0	0	0.9	2	0	0	10
	Pull through for IBD or polyposis: scope	0.4	1	0	0	3	0.0	0	0	0	1	0.4	1	0	0	4
	Exploratory lap with or without biopsy: open	29.3	13	9	30	79	19.4	26	0	9	109	48.7	35	14	40	188
	Exploratory lap with or without biopsy: lap	3.0	5	0	2	31	0.9	2	0	0	10	4.0	6	0	2	33
	Excision of omental/mesenteric cyst	0.9	2	0	0	7	0.1	0	0	0	1	0.9	2	0	0	7
	Omphalocele (any surgical repair)	5.7	4	1	5	18	0.2	0	0	0	2	5.9	4	1	6	18
	Gastroschisis (any surgical repair)	12.8	7	2	12	30	0.0	0	0	0	1	12.8	7	2	12	30
	Resection urachal remnant	3.2	2	0	3	10	0.1	0	0	0	1	3.3	2	0	3	10
	Resection omphalomesenteric duct/cyst	1.8	2	0	2	6	0.3	1	0	0	2	2.1	2	0	2	6
	Excision neuroblastoma/adrenal/other retroperitoneal tumor	7.8	4	1	8	20	0.2	0	0	0	1	8.0	4	1	8	21
	Excision sacrococcygeal teratoma	2.4	2	0	2	8	0.0	0	0	0	0	2.4	2	0	2	8

Based upon the number of procedures logged by residents in the indicated role.

PEDIATRIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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Number of Programs in the Nation: 37 Number of Residents in the Nation: 39

		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Abdominal	Diagnostic laparoscopy	12.8	9	0	10	44	17.2	24	0	4	86	30.1	28	0	17	113
	Adrenal: open	0.6	1	0	0	3	0.1	0	0	0	1	0.6	1	0	0	3
	Adrenal: scope	1.4	1	0	2	5	0.1	0	0	0	2	1.5	1	0	2	5
	Other (abdominal)	18.0	10	1	16	45	0.8	1	0	0	4	18.8	11	1	16	47
	TOTAL - Abdominal	480.3	173	179	445	1,269	79.3	77	0	60	374	559.6	224	211	529	1,643
Hernia Repair	Pediatric repair inguinal hernia > 6 months	39.4	24	7	36	143	2.1	3	0	1	12	41.5	26	9	38	152
	Infant repair inguinal hernia < 6 months	41.4	17	16	37	85	3.6	6	0	1	27	45.1	20	16	44	85
	Repair umbilical hernia	20.1	20	1	15	95	3.9	5	0	2	23	24.0	22	1	17	118
	Repair ventral hernia	6.9	6	1	5	33	1.0	2	0	0	6	7.9	7	1	6	39
	Repair femoral hernia	0.2	0	0	0	1	0.0	0	0	0	1	0.2	0	0	0	2
	Hernia repair: scope	10.4	18	0	2	84	1.7	6	0	0	31	12.2	19	0	3	85
	Other (hernia repair)	2.0	2	0	2	6	0.1	0	0	0	1	2.1	2	0	2	6
	TOTAL - Hernia Repair	120.5	55	39	112	324	12.5	15	0	6	64	133.0	60	42	118	368

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Liver/Biliary	Major hepatic resection/repair: tumor	3.4	3	0	3	12	0.1	0	0	0	1	3.5	3	0	3	13
	Major hepatic resection/repair: trauma	0.3	1	0	0	2	0.0	0	0	0	1	0.4	1	0	0	2
	Major hepatic resection/repair: other	0.1	0	0	0	2	0.0	0	0	0	1	0.2	0	0	0	2
	Lysis of adhesions	0.7	1	0	0	8	0.6	2	0	0	11	1.3	3	0	0	19
	Liver: biliary atresia	3.5	2	0	3	11	0.2	1	0	0	2	3.6	3	0	3	12
	Liver biopsy: open	2.4	2	0	2	8	0.7	1	0	0	4	3.2	3	0	2	11
	Liver harvest	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Liver transplant	0.7	3	0	0	14	0.0	0	0	0	0	0.7	3	0	0	14
	Cholecystectomy w/wo common bile duct exploration: open	1.1	1	0	1	5	0.4	1	0	0	3	1.5	2	0	1	6
	Cholecystectomy w/wo common bile duct exploration: scope	25.3	13	6	23	59	0.7	1	0	0	4	26.0	13	6	23	61
	Portoenterostomy	0.9	2	0	0	7	0.0	0	0	0	0	0.9	2	0	0	7
	Excision choledochal cyst	2.4	2	0	2	6	0.4	1	0	0	4	2.8	2	0	3	8
	Portosystemic shunts or other operations for portal hypertension	0.5	1	0	0	7	0.0	0	0	0	1	0.5	1	0	0	7
	Pancreatic resection for: trauma	1.0	1	0	1	4	0.0	0	0	0	1	1.0	1	0	1	4
	Pancreatic resection for: hyperinsulinism	0.4	2	0	0	14	0.0	0	0	0	0	0.4	2	0	0	14
	Pancreatic resection for: tumor	0.4	1	0	0	2	0.0	0	0	0	0	0.4	1	0	0	2
	Pancreas: other	0.3	1	0	0	5	0.0	0	0	0	1	0.4	1	0	0	6
	Operations for pseudocyst	0.6	1	0	0	5	0.0	0	0	0	1	0.7	1	0	0	5
	Splenorrhaphy	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Splenectomy: open	1.3	1	0	1	6	0.2	0	0	0	2	1.5	2	0	1	6
	Splenectomy: scope	6.1	3	0	5	12	0.0	0	0	0	0	6.1	3	0	5	12
	Other (liver)	0.6	1	0	0	2	0.0	0	0	0	1	0.6	1	0	0	2
	TOTAL - Liver/Biliary	52.2	17	12	51	97	3.5	3	0	3	11	55.7	18	13	54	105

Based upon the number of procedures logged by residents in the indicated role.

PEDIATRIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Genito Urinary	Nephrectomy (total or partial): tumor	5.1	3	0	5	17	0.2	0	0	0	2	5.3	3	0	5	18
	Nephrectomy (total or partial): trauma	0.2	0	0	0	2	0.0	0	0	0	1	0.2	1	0	0	3
	Nephrectomy (total or partial/nephorrhaphy)	0.5	1	0	0	3	0.0	0	0	0	1	0.5	1	0	0	3
	Nephrectomy (total or partial): other	0.2	1	0	0	2	0.0	0	0	0	1	0.2	1	0	0	3
	Renal transplant	1.6	4	0	0	16	0.1	0	0	0	2	1.6	4	0	0	16
	Renal: scope	0.6	1	0	0	5	0.1	0	0	0	2	0.7	1	0	0	7
	Renal biopsy (open)	0.5	1	0	0	3	0.1	0	0	0	1	0.5	1	0	0	3
	Cystectomy (partial or total)	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Enteric conduit (any)	0.4	1	0	0	3	0.0	0	0	0	0	0.4	1	0	0	3
	Bladder augmentation or repair (any)	0.2	1	0	0	4	0.0	0	0	0	0	0.2	1	0	0	4
	Pyeloplasty/UPJ reconstruction	0.3	1	0	0	3	0.0	0	0	0	1	0.3	1	0	0	3
	Ureteral reconstruction/reimplantation	0.3	1	0	0	3	0.1	0	0	0	1	0.4	1	0	0	3
	Reconstruct cloacal extrophy	0.8	1	0	0	6	0.1	0	0	0	1	0.8	1	0	1	6
	Circumcision (OR only)	19.5	15	2	16	69	6.7	10	0	2	48	26.2	21	2	23	117
	Orchidopexy: open	15.1	12	4	11	56	1.1	2	0	0	6	16.1	12	4	12	56
	Orchidopexy: scope	2.2	3	0	1	13	0.1	0	0	0	2	2.3	3	0	1	14
	Orchiectomy	1.7	3	0	1	12	0.2	1	0	0	2	2.0	3	0	1	13
	Operation for torsion testis/appendages	1.4	4	0	0	19	0.2	1	0	0	4	1.7	4	0	0	19
	Operation for varicocele: open	0.2	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	2
	Operation for varicocele: scope	0.3	1	0	0	2	0.0	0	0	0	0	0.3	1	0	0	2
	Procedures for intersex	0.4	1	0	0	3	0.1	0	0	0	2	0.5	1	0	0	5
	Vaginal procedures: open	1.6	2	0	1	6	0.2	1	0	0	4	1.8	2	0	1	7
	Oophorectomy (partial or total)	10.9	9	2	10	57	0.3	1	0	0	3	11.3	9	3	10	58
	Hysterectomy/salpingectomy: open	0.7	1	0	0	3	0.1	0	0	0	2	0.8	1	0	0	3
	Hysterectomy/salpingectomy: scope	3.5	5	0	2	22	0.1	0	0	0	1	3.5	5	0	2	22
	Rpr complex laceration vagina/perineum	0.7	1	0	0	3	0.0	0	0	0	1	0.7	1	0	0	3
	Other (genito urinary)	2.2	6	0	1	35	0.2	0	0	0	2	2.4	6	0	1	37
	TOTAL - Genito Urinary	71.2	34	31	60	183	10.0	11	0	7	52	81.1	39	32	73	235

Based upon the number of procedures logged by residents in the indicated role.

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Endoscopic Procedures	Diagnostic thoracoscopy	1.1	2	0	0	6	0.5	1	0	0	5	1.6	2	0	1	8
	Esophageal dilation	9.6	9	0	8	47	0.6	1	0	0	6	10.2	10	0	8	49
	Esophagoscopy	4.9	10	0	2	54	0.7	1	0	0	6	5.7	10	0	3	54
	Esophagoscopy: gastroscopy	4.4	5	0	2	19	0.8	3	0	0	17	5.2	6	0	2	22
	Cystoscopy/colposcopy	1.6	2	0	1	7	0.4	1	0	0	3	2.0	2	0	1	8
	Laryngoscopy/bronchoscopy	7.5	5	1	6	19	3.0	5	0	1	27	10.4	9	1	7	39
	Removal foreign body esophagus or trachea	15.3	16	0	11	75	0.3	1	0	0	4	15.7	16	0	11	75
	Colonoscopy	0.5	1	0	0	4	0.2	1	0	0	6	0.7	2	0	0	10
	Sigmoidoscopy	2.6	3	0	2	12	0.6	1	0	0	5	3.2	4	0	2	16
	TOTAL - Endoscopic Procedures	47.5	24	17	41	132	7.1	8	0	4	35	54.5	26	21	44	141
Trauma	Non-operative Trauma	127.8	46	90	114	276	0.3	1	0	0	3	128.1	46	90	114	276
Total Procedures	TOTAL - Tracked Codes	1,151.2	310	508	1,062	2,475	131.2	115	0	111	513	1,282.4	376	595	1,247	2,988
Non-Tracked	TOTAL - Non-Tracked Codes	63.0	47	1	52	203	19.6	28	0	10	132	82.6	57	1	66	233

Based upon the number of procedures logged by residents in the indicated role.

PEDIATRIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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Number of Programs in the Nation: 37 Number of Residents in the Nation: 39

		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Skin/Soft Tissue/Musculoskeletal	Burn debridement or grafting	0.3	1	0	0	5	0.0	0	0	0	0	0.3	1	0	0	5
	Complex wound closure	0.3	1	0	0	2	0.0	0	0	0	0	0.3	1	0	0	2
	Breast	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Pilonidal cyst excision	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Major excision soft tissue tumor	0.5	1	0	0	7	0.0	0	0	0	0	0.5	1	0	0	7
	Major soft tissue repair for trauma	0.2	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	2
	Other (skin/soft tissue/musc)	0.4	1	0	0	2	0.0	0	0	0	1	0.4	1	0	0	2
	TOTAL - Skin/Soft Tissue/Musc	1.8	4	0	0	18	0.0	0	0	0	1	1.8	4	0	0	18
	Head & Neck	Thyroidectomy (any)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0
Parathyroidectomy (any)		0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
Branchial cleft cyst/sinus		0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
Thyroglossal duct cyst/sinus		0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
Cystic hygroma/lymphangioma		0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
Dermoid/other cyst		0.2	0	0	0	1	0.0	0	0	0	0	0.2	0	0	0	1
Major tumor (head & neck)		0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
Other (head & neck)		0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
TOTAL - Head & Neck		0.4	1	0	0	3	0.0	0	0	0	0	0.4	1	0	0	3

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Thoracic	Tracheostomy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Laryngeal or tracheal resect and/or recon	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair chest wall deformity	0.4	1	0	0	5	0.0	0	0	0	0	0.4	1	0	0	5
	Resection chest wall tumor	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision mediastinal cyst	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision mediastinal tumor	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Pulmonary resection: open	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Pulmonary resection: scope	0.1	1	0	0	4	0.0	0	0	0	0	0.1	1	0	0	4
	Thoracotomy for trauma	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Lung biopsy: open	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Lung biopsy: scope	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Decortication/pleurectomy/blebectomy: open	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Decortication/pleurectomy/blebectomy: scope	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Esophageal resection or replacement	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Esophagomyotomy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair esophageal atresia/tracheoesophageal fistula	0.2	1	0	0	3	0.0	0	0	0	0	0.2	1	0	0	3
	Thoracoscopy: other	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Thoracotomy: other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other (thoracic)	0.0	0	0	0	0	0.0	0	0	0	1	0.0	0	0	0	1
	TOTAL - Thoracic	1.3	2	0	1	7	0.0	0	0	0	1	1.4	2	0	1	7

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Diaphragm	Repair diaphragmatic hernia	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Plication of diaphragm	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Transthoracic and/or retroperitoneal exp for scoliosis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other (diaphragm)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL - Diaphragm	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
Cardiovascular	Patent ductus arteriosus	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Vascular ring	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Any open heart procedure	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Any closed heart procedure	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Aortopexy	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Renal artery reconstruction	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Peripheral artery reconstruction	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Construction or take down AV fistula/shunt	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Surgical placement/removal central access line	3.2	4	0	2	14	0.1	0	0	0	1	3.3	4	0	2	14
	Dialysis access insertion/removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Cannulate/ECMO	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Major vessel reconstruction	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Vascular trauma	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Vascular: post-operative exploration	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL - Cardiovascular	3.6	4	0	2	14	0.1	0	0	0	1	3.7	4	0	2	15

Based upon the number of procedures logged by residents in the indicated role.

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Abdominal	Antireflux procedure: open	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Antireflux procedure: scope	0.2	1	0	0	3	0.0	0	0	0	0	0.2	1	0	0	3
	Pyloroplasty/gastric resection w/wout vagotomy	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Pyloroplasty/gastric resect w/wout vagotomy - lap	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Any gastrostomy/jejunostomy: open	0.2	0	0	0	1	0.0	0	0	0	1	0.3	0	0	0	1
	Any gastrostomy/jejunostomy: scope	1.3	2	0	0	12	0.0	0	0	0	1	1.3	2	0	0	12
	Pyloromyotomy: open	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Pyloromyotomy: scope	0.9	2	0	0	9	0.0	0	0	0	0	0.9	2	0	0	9
	Operation for malrotation	0.2	1	0	0	2	0.0	0	0	0	0	0.2	1	0	0	2
	Duodenal atresia	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Repair intestinal atresia, stenosis or web	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Intestinal resection: open	0.3	0	0	0	2	0.1	0	0	0	2	0.4	1	0	0	3
	Intestinal resection: scope	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intestinal resection/repair or ostomy for IBD	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Intestinal resect/repair or ostomy for IBD - lap	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Intestinal resection/repair or ostomy for trauma	0.2	0	0	0	1	0.1	0	0	0	3	0.3	1	0	0	4
	Intestinal resect/repair or ostomy for trauma - lap	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Bowel resection: open	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Bowel resection: scope	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Lap/resec for intussusception-malrotation-volvulus	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Ostomy for anorectal malformation: open	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Ostomy for anorectal malformation: laparoscopic	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Abdominal	Ostomy for Hirschsprung's: open	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Ostomy for Hirschsprung's: laparoscopic	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Ostomy for other: open	0.1	0	0	0	1	0.1	0	0	0	1	0.2	1	0	0	2
	Ostomy for other: laparoscopic	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Closure/revision any ostomy/fistula: open	0.5	1	0	0	3	0.0	0	0	0	0	0.5	1	0	0	3
	Closure/revision any ostomy/fistula: scope	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Appendectomy: open	0.2	0	0	0	1	0.0	0	0	0	1	0.2	0	0	0	2
	Appendectomy: scope	14.3	24	0	7	116	0.1	0	0	0	1	14.4	24	0	7	116
	Perineal procedure for imperforate anus	0.2	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	2
	Pull through for Hirschsprung's: open	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Pull through for Hirschsprung's: scope	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Pull through for IBD or polyposis: open	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Pull through for IBD or polyposis: scope	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Exploratory lap with or without biopsy: open	0.8	1	0	0	6	0.3	1	0	0	3	1.1	1	0	0	6
	Exploratory lap with or without biopsy: lap	0.1	0	0	0	2	0.0	0	0	0	1	0.1	0	0	0	2
	Excision of omental/mesenteric cyst	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Omphalocele (any surgical repair)	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Gastroschisis (any surgical repair)	0.5	1	0	0	7	0.0	0	0	0	0	0.5	1	0	0	7
	Resection urachal remnant	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Resection omphalomesenteric duct/cyst	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision neuroblastoma/adrenal/other retroperitoneal tumor	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Excision sacrococcygeal teratoma	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Abdominal	Diagnostic laparoscopy	0.3	1	0	0	2	0.3	1	0	0	2	0.6	1	0	0	3
	Adrenal: open	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Adrenal: scope	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other (abdominal)	0.7	2	0	0	8	0.0	0	0	0	1	0.7	2	0	0	8
	TOTAL - Abdominal	22.2	28	0	15	131	1.1	2	0	0	6	23.3	29	0	16	132
Hernia Repair	Pediatric repair inguinal hernia > 6 months	1.1	2	0	0	5	0.1	0	0	0	2	1.1	2	0	0	6
	Infant repair inguinal hernia < 6 months	0.6	1	0	0	5	0.0	0	0	0	1	0.6	1	0	0	5
	Repair umbilical hernia	1.8	4	0	0	19	0.1	0	0	0	1	2.0	4	0	1	20
	Repair ventral hernia	0.3	1	0	0	2	0.0	0	0	0	1	0.3	1	0	0	2
	Repair femoral hernia	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Hernia repair: scope	0.2	0	0	0	2	0.0	0	0	0	1	0.2	0	0	0	2
	Other (hernia repair)	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL - Hernia Repair	3.9	6	0	3	24	0.3	1	0	0	2	4.2	6	0	3	25

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		Primary					Secondary					Total				
		Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX	Natl Res AVE	Natl Res STD	Natl Res MIN	Natl Res MED	Natl Res MAX
RRC Area	RRC Procedure															
Liver/Biliary	Major hepatic resection/repair: tumor	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Major hepatic resection/repair: trauma	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Major hepatic resection/repair: other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Lysis of adhesions	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Liver: biliary atresia	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Liver biopsy: open	0.0	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	1
	Liver harvest	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Liver transplant	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Cholecystectomy w/wo common bile duct exploration: open	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Cholecystectomy w/wo common bile duct exploration: scope	2.4	4	0	2	18	0.0	0	0	0	0	2.4	4	0	2	18
	Portoenterostomy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision choledochal cyst	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Portosystemic shunts or other operations for portal hypertension	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Pancreatic resection for: trauma	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Pancreatic resection for: hyperinsulinism	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Pancreatic resection for: tumor	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Pancreas: other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Operations for pseudocyst	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Splenorrhaphy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Splenectomy: open	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Splenectomy: scope	0.2	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	2
	Other (liver)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL - Liver/Biliary	2.9	4	0	2	18	0.1	0	0	0	1	2.9	4	0	2	18

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RRC Area	RRC Procedure															
Genito Urinary	Nephrectomy (total or partial): tumor	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Nephrectomy (total or partial): trauma	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Nephrectomy (total or partial/nephorrhaphy)	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	2
	Nephrectomy (total or partial): other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Renal transplant	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Renal: scope	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Renal biopsy (open)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Cystectomy (partial or total)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Enteric conduit (any)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Bladder augmentation or repair (any)	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Pyeloplasty/UPJ reconstruction	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Ureteral reconstruction/reimplantation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Reconstruct cloacal extrophy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Circumcision (OR only)	0.7	2	0	0	11	0.2	1	0	0	3	0.9	2	0	0	11
	Orchidopexy: open	0.2	1	0	0	4	0.1	0	0	0	1	0.3	1	0	0	4
	Orchidopexy: scope	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Orchiectomy	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Operation for torsion testis/appendages	0.2	1	0	0	5	0.0	0	0	0	1	0.2	1	0	0	6
	Operation for varicocele: open	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Operation for varicocele: scope	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Procedures for intersex	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Vaginal procedures: open	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Oophorectomy (partial or total)	0.2	1	0	0	3	0.1	0	0	0	2	0.3	1	0	0	3
	Hysterectomy/salpingectomy: open	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Hysterectomy/salpingectomy: scope	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Rpr complex laceration vagina/perineum	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Other (genito urinary)	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL - Genito Urinary	1.8	3	0	1	13	0.3	1	0	0	5	2.1	3	0	1	13

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RRC Area	RRC Procedure															
Endoscopic Procedures	Diagnostic thoracoscopy	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Esophageal dilation	0.2	1	0	0	2	0.0	0	0	0	0	0.2	1	0	0	2
	Esophagoscopy	0.1	1	0	0	4	0.0	0	0	0	0	0.1	1	0	0	4
	Esophagoscopy: gastroscopy	0.1	0	0	0	2	0.0	0	0	0	1	0.1	0	0	0	2
	Cystoscopy/colposcopy	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Laryngoscopy/bronchoscopy	0.1	0	0	0	2	0.0	0	0	0	1	0.1	1	0	0	3
	Removal foreign body esophagus or trachea	0.3	1	0	0	4	0.0	0	0	0	0	0.3	1	0	0	4
	Colonoscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Sigmoidoscopy	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	1
	TOTAL - Endoscopic Procedures		0.9	2	0	0	10	0.1	0	0	0	1	1.0	2	0	0
Trauma	Non-operative Trauma	0.7	4	0	0	23	0.0	0	0	0	0	0.7	4	0	0	23
Total Procedures	TOTAL - Tracked Codes	39.9	43	0	31	193	2.0	3	0	0	11	41.9	44	0	32	196
Non-Tracked	TOTAL - Non-Tracked Codes	4.1	8	0	1	32	0.4	1	0	0	6	4.5	8	0	1	34

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