



Accreditation Council for Graduate Medical Education

Pediatric Surgery Case Log National Data Report

Cover Sheet

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- I. Resident Statistical Analysis Report C
 - A. The national resident statistics summary report was created in order to provide a national picture of resident educational experiences. The report is ideal for establishing and assessing national policy related to resident practical experiences.
 - B. The data table provides summary information on all procedures. National statistics are provided for resident educational experiences as a surgeon and separately as a teaching assistant.
 - C. The main data table provides descriptive statistics which give a detailed national picture of resident experience.
 1. "AVE" - The average of the total procedure counts per resident in the nation.
 2. "MAX" - The maximum value or largest number of procedure counts returned by a resident in the nation.
 3. "STD" - The standard deviation of total procedure counts per resident in the nation. The standard deviation is a statistic that tells you how tightly the scores are clustered around the mean in a set of data. As a statistical rule of thumb, one standard deviation away from the mean in either direction accounts for around 68 percent of cases.
 4. "MODE" - The most common value when considering all procedure counts per resident in the nation.
 5. "TTL" - The sum total of all procedures performed by all residents in the nation.

	TOTAL SURGEON					TEACHING ASSISTANT				
	AVE	MAX	STD	MODE	TTL	AVE	MAX	STD	MODE	TTL
Skin/Soft Tissue Musculoskeletal	30.2	142	28	11	997	1.8	16	3	0	60
Burn debridement or grafting	7.8	72	14	0	257	0.5	5	1	0	16
Complex wound closure	3.0	19	4	1	99	0.1	1	0	0	2
Subcutaneous mastectomy	0.8	5	1	1	28	0.1	1	0	0	3
Pilonidal cyst excision	2.2	13	3	0	71	0.4	7	1	0	12
Major excision soft tissue tumor	9.7	34	7	6	321	0.6	4	1	0	19
Major soft tissue repair for trauma	4.9	29	7	1	162	0.2	2	0	0	6
Other	1.8	23	4	0	59	0.1	1	0	0	2
Head & Neck	24.4	55	12	18	805	1.4	17	3	0	45
Cleft lip/palate repair	0.0	0	0	0	0	0.0	0	0	0	0
Thyroidectomy (any)	4.5	17	4	0	149	0.1	2	0	0	3
Parathyroidectomy (any)	0.2	2	0	0	7	0.0	1	0	0	1
Branchial cleft cyst/sinus	3.8	13	3	2	126	0.2	3	1	0	5
Thyroglossal duct cyst/sinus	3.5	8	2	3	117	0.1	1	0	0	3
Cystic hygroma/lymphangioma	2.3	6	2	2	75	0.2	2	1	0	5
Dermoid/other cyst	8.1	30	8	7	267	0.7	12	2	0	24
Major tumor (head & neck)	1.8	12	2	0	60	0.1	2	0	0	3
Other	0.1	3	1	0	4	0.0	1	0	0	1
Thoracic	65.2	99	19	87	2153	2.9	28	6	0	95
Tracheostomy	2.4	13	3	1	79	0.2	2	0	0	6
Laryngeal or tracheal resection and/or reconstruction	0.4	8	1	0	12	0.0	0	0	0	0
Repair chest wall deformity	10.3	49	11	1	341	0.6	12	2	0	19
Resection chest wall tumor	1.8	7	2	0	58	0.2	3	1	0	5
Excision mediastinal cyst	2.2	6	2	0	73	0.1	2	0	0	2
Excision mediastinal tumor	4.2	11	3	4	139	0.1	1	0	0	3
Pulmonary resection tumor, congenital malformation, infection, et	12.7	40	8	11	420	0.3	4	1	0	9
Thoracotomy for trauma	0.7	4	1	0	22	0.0	1	0	0	1
Lung biopsy: open	2.4	10	3	0	80	0.0	1	0	0	1
Lung biopsy: scope	5.8	16	4	3	190	0.2	3	1	0	6
Decortication/pleurectomy/blebectomy: open	1.4	11	2	0	47	0.1	2	0	0	2
Decortication/pleurectomy/blebectomy: scope	10.5	24	6	8	345	0.9	5	2	0	29
Esophageal resection or replacement	1.1	3	1	0	37	0.0	0	0	0	0
Esophagomyotomy	0.8	4	1	0	26	0.0	0	0	0	0
Repair esophageal atresia and/or tracheoesophageal fistula	8.1	16	5	8	268	0.4	5	1	0	12
Other	0.5	4	1	0	16	0.0	0	0	0	0
Diaphragm	16.0	29	6	12	527	1.2	27	5	0	40
Repair diaphragmatic hernia	12.5	26	5	10	414	0.9	17	3	0	29
Plication of diaphragm	1.0	5	1	0	34	0.0	0	0	0	0
Transthoracic and/or retroperitoneal exposure for scoliosis	2.3	10	3	0	76	0.3	10	2	0	11
Other	0.1	2	0	0	3	0.0	0	0	0	0

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 STD: Standard deviation MDE: Mode, most common number of operations performed TTL: Total number of operations performed by all residents

	TOTAL SURGEON					TEACHING ASSISTANT				
	AVE	MAX	STD	MODE	TTL	AVE	MAX	STD	MODE	TTL
Cardiovascular	117.0	225	52	73	3861	11.2	98	20	0	371
Patent ductus arteriosus	3.4	29	7	0	112	0.0	1	0	0	1
Coarctation	0.1	2	0	0	2	0.0	0	0	0	0
Vascular ring	0.2	2	1	0	8	0.0	0	0	0	0
Any open heart procedure	0.0	1	0	0	1	0.0	0	0	0	0
Any closed heart procedure	0.0	0	0	0	0	0.0	0	0	0	0
Aortopexy	0.2	3	1	0	7	0.0	1	0	0	1
Renal artery reconstruction	0.2	2	0	0	5	0.0	1	0	0	1
Peripheral artery reconstruction	0.4	3	1	0	14	0.1	2	0	0	2
Construction or take down AV fistula/shunt	1.1	11	2	0	35	0.1	2	0	0	3
Surgical placement/removal central access line	90.6	217	51	0	2989	9.2	90	18	0	302
Dialysis access insertion/removal	2.0	9	2	0	67	0.2	2	0	0	5
Cannulate/Decannulate ECMO	18.0	50	11	20	594	1.6	19	4	0	54
Major vessel reconstruction	0.8	3	1	0	27	0.1	2	0	0	2
Other	0.0	0	0	0	0	0.0	0	0	0	0
Abdominal	376.3	608	91	339	12419	31.8	162	43	0	1050
Antireflux procedure: open	17.2	75	15	5	568	0.7	9	2	0	24
Antireflux procedure: scope	25.6	84	19	13	844	0.7	15	3	0	24
Pyloroplasty/gastric resection w/wout vagotomy	1.4	6	2	0	46	0.0	1	0	0	1
Any gastrostomy/jejunostomy: open	14.7	38	10	8	486	0.4	4	1	0	14
Any gastrostomy/jejunostomy: scope	7.6	36	9	0	252	0.6	7	2	0	20
Pyloromyotomy	37.0	96	17	37	1222	4.4	42	9	0	146
Operation for malrotation	12.9	23	4	13	427	0.8	9	2	0	28
Duodenal atresia	4.8	13	3	6	158	0.3	5	1	0	10
Repair intestinal atresia, stenosis or web	9.6	24	6	5	317	0.3	3	1	0	11
Intestinal resection/repair or ostomy for necrotizing enterocolit	24.7	55	11	18	814	1.2	11	3	0	40
Intestinal resection/repair or ostomy for inflammatory bowel dise	3.7	11	3	4	123	0.3	3	1	0	9
Intestinal resection/repair or ostomy for trauma	4.3	11	3	2	142	0.4	3	1	0	13
Intestinal resection (Meckel's, duplication, meconium ileus, etc.	11.5	28	6	11	379	0.7	8	2	0	22
Bowel resection for Crohn's disease	2.4	9	2	1	79	0.2	3	1	0	7
Laparotomy or resection for intussusception	5.3	12	3	4	175	0.3	4	1	0	11
Ostomy for anorectal malformation	4.5	13	3	4	148	0.2	1	0	0	5
Ostomy for Hirschsprung's	5.2	11	3	4	170	0.3	3	1	0	9
Ostomy for Other	2.0	6	2	0	67	0.0	1	0	0	1
Closure/revision any ostomy	21.0	37	9	19	693	1.0	10	2	0	32
Appendectomy: open	9.8	55	13	2	325	2.1	15	4	0	69
Appendectomy: scope	53.4	169	34	55	1761	12.4	104	23	0	408
Perineal procedure for imperforate anus	12.7	24	5	9	420	0.3	7	1	0	10
Pull through for Hirschsprung's: open	5.5	14	3	5	181	0.1	2	0	0	3
Pull through for Hirschsprung's: scope	3.1	12	3	0	101	0.2	2	0	0	6
Pull through for IBD or polyposis: open	1.8	12	3	0	61	0.1	1	0	0	2
Pull through for IBD or polyposis: scope	1.4	9	2	0	46	0.0	1	0	0	1
Exploratory laparotomy with or without biopsy	19.9	50	11	24	656	1.1	13	3	0	37
Excision of omental/mesenteric cyst	1.5	7	2	0	48	0.1	1	0	0	2
Omphalocele (any surgical repair)	5.2	16	3	2	172	0.3	3	1	0	11
Gastroschisis (any surgical repair)	16.6	42	8	17	547	1.2	9	2	0	38
Resection urachal remnent	2.2	6	1	2	73	0.1	1	0	0	2
Resection omphalomesenteric duct/cyst	0.5	2	1	0	16	0.0	0	0	0	0

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	TOTAL SURGEON					TEACHING ASSISTANT				
	AVE	MAX	STD	MODE	TTL	AVE	MAX	STD	MODE	TTL
Excision neuroblastoma/adrenal/other retroperitoneal tumor	9.6	18	5	6	317	0.4	5	1	0	13
Excision sacrococcygeal teratoma	2.3	6	2	2	75	0.1	2	0	0	3
Diagnostic laparoscopy	7.2	22	6	3	238	0.4	6	1	0	14
Other	8.2	26	6	5	272	0.1	2	0	0	4
Hernia Repair	110.4	242	51	48	3644	7.0	59	12	0	230
Ped repair inguinal hernia (uni/bilateral)	44.6	109	26	21	1473	2.8	29	5	0	93
Infant (<6 mos of age) rep inguinal hernia (uni/bilateral)	48.0	186	29	39	1583	1.3	11	3	0	44
Repair umbilical hernia	12.2	45	10	3	401	2.2	20	5	0	73
Repair ventral hernia	5.6	29	5	5	186	0.6	9	2	0	20
Other	0.0	1	0	0	1	0.0	0	0	0	0
Liver/Biliary	50.9	106	19	36	1681	2.7	20	4	0	90
Major hepatic resection/repair: tumor	2.8	12	3	1	94	0.0	1	0	0	1
Major hepatic resection/repair: trauma	0.8	5	1	0	26	0.0	0	0	0	0
Major hepatic resection/repair: other	0.2	2	0	0	5	0.0	0	0	0	0
Lysis of adhesions	4.4	14	4	0	144	0.2	1	0	0	5
Liver biopsy: open	4.0	14	4	0	133	0.2	6	1	0	8
Liver biopsy: scope	0.0	0	0	0	0	0.0	0	0	0	0
Liver harvest	0.7	9	2	0	22	0.0	1	0	0	1
Liver transplant	0.8	9	2	0	26	0.0	0	0	0	0
Cholecystectomy with/without common bile duct exploration: open	1.8	6	2	0	59	0.0	1	0	0	1
Cholecystectomy with/without common bile duct exploration: scope	15.6	35	8	13	516	1.7	10	2	0	55
Portoenterostomy	4.0	9	3	6	132	0.2	5	1	0	6
Excision choledochal cyst	2.4	8	2	2	79	0.1	1	0	0	2
Portosystemic shunts or other operations for portal hypertension	0.7	14	2	0	23	0.0	0	0	0	0
Pancreatic resection for: trauma	0.4	3	1	0	13	0.1	2	0	0	3
Pancreatic resection for: hyperinsulinism	1.0	14	3	0	34	0.0	0	0	0	0
Pancreatic resection for: tumor	1.2	5	1	0	38	0.0	1	0	0	1
Operations for pseudocyst	0.6	3	1	0	21	0.1	1	0	0	2
Splenorrhaphy	0.2	2	0	0	6	0.0	0	0	0	0
Splenectomy: open	1.9	9	2	2	64	0.0	1	0	0	1
Splenectomy: scope	7.5	15	3	4	246	0.1	3	1	0	4
Other	0.0	0	0	0	0	0.0	0	0	0	0
Genitourinary	63.9	150	30	39	2110	2.8	18	5	0	91
Nephrectomy (total or partial): tumor	7.0	18	4	7	231	0.2	2	1	0	7
Nephrectomy (total or partial): trauma	0.2	1	0	0	7	0.0	0	0	0	0
Nephrectomy (total or partial): cystic dysplasia	0.4	6	1	0	14	0.0	0	0	0	0
Nephrectomy (total or partial): other	0.3	2	1	0	9	0.0	0	0	0	0
Renal transplant	2.6	20	5	0	86	0.2	5	1	0	6
Renal biopsy (open)	0.9	5	1	0	31	0.0	1	0	0	1
Cystectomy (partial or total)	0.3	2	1	0	9	0.0	1	0	0	1
Nephrostomy	0.0	1	0	0	1	0.0	0	0	0	0
Operation for nephro-uretero lithiasis	0.5	7	2	0	16	0.0	0	0	0	0
Enteric conduit (any)	0.1	2	0	0	4	0.0	0	0	0	0
Bladder augmentation or repair (any)	0.1	1	0	0	3	0.0	0	0	0	0
Urinary undiversion	0.0	0	0	0	0	0.0	0	0	0	0
Pyeloplasty/UPJ reconstruction	0.5	6	1	0	18	0.0	1	0	0	1
Ureteral reconstruction/reimplantation	0.9	7	2	0	31	0.0	0	0	0	0
Reconstruct cloacal extrophy	0.8	4	1	0	26	0.0	1	0	0	1
Circumcision (OR only)	13.3	50	13	2	438	0.7	6	1	0	22

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Orchidopexy: open	16.4	48	10	14	541	0.6	4	1	0	19
Orchidopexy: scope	1.6	9	2	0	52	0.1	1	0	0	2
Orchiectomy	1.5	9	2	0	48	0.1	2	0	0	3
Operation for torsion testis or appendages	0.5	5	1	0	15	0.0	1	0	0	1
Operation for varicocele: open	0.2	2	0	0	7	0.0	0	0	0	0
Operation for varicocele: scope	0.0	0	0	0	0	0.0	0	0	0	0
Procedures for intersex (vaginal reconstruction, clitoroplasty, e0.9)	4	1	0	0	29	0.1	2	0	0	2
Oophorectomy (partial or total)	9.8	25	7	2	323	0.5	6	1	0	16
Hysterectomy/salpingectomy	0.5	2	1	0	17	0.1	1	0	0	2
Repair complex laceration vagina/perineum	1.4	7	2	0	45	0.1	1	0	0	3
Other	3.3	26	6	0	109	0.1	3	1	0	4
Endoscopic Procedures	49.3	91	24	23	1626	2.1	30	6	0	70
Diagnostic thoracoscopy	1.8	13	3	0	59	0.0	1	0	0	1
Diagnostic laparoscopy	0.0	0	0	0	0	0.0	0	0	0	0
Cystoscopy	2.1	12	3	0	70	0.1	1	0	0	3
Bronchoscopy	7.3	50	10	0	241	0.2	4	1	0	6
Esophagoscopy	5.8	26	5	3	192	0.3	6	1	0	11
Removal foreign body esophagus or trachea	16.5	42	13	1	545	0.5	4	1	0	17
Esophageal dilatation	12.1	44	10	0	398	0.8	13	3	0	25
Colonoscopy	0.5	3	1	0	17	0.0	0	0	0	0
Sigmoidoscopy	3.2	17	4	0	104	0.2	2	1	0	7
Other endoscopy	0.0	0	0	0	0	0.0	0	0	0	0
Trauma	117.0	502	88	99	3860	3.0	47	10	0	98
Total	1020.7	1485	231	866	33683	67.9	449	97	0	2240
Defined Categories										
Tumors	49.0	87	16	47	1618	2.2	18	5	0	72
Important Pediatric Surgical Cases	66.5	132	21	55	2195	2.2	23	5	0	72
Neonate	101.6	153	27	111	3352	5.6	46	12	0	186

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