



Accreditation Council for Graduate Medical Education

Pediatric Orthopaedic Surgery Case Logs

National Data Report

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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 are broken out by patient type (adult, pediatric, and all).

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.

II. National Benchmark Report for Resident Statistics

The table displays selected percentile benchmarks of program averages. For example, a score at the 10th percentile indicates that 10% of residents achieved less than the value while the remaining 90% achieved more than the value.

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2011-2012

Residency Review Committee for Orthopaedic Surgery

Report Date: November 5, 2012

[PART 1]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		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															
Shoulder	Incision	0.4	1	0	0	2	0.0	0	0	0	0	0.4	1	0	0	2
	Excision	1.5	3	0	1	14	0.0	0	0	0	0	1.5	3	0	1	14
	Intro or Removal	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Repair/Revision/Reconstruction	1.4	2	0	0	11	0.0	0	0	0	0	1.4	2	0	0	11
	Trauma	2.0	2	0	1	7	0.0	0	0	0	0	2.0	2	0	1	7
	--Fracture and/or Dislocation	1.7	2	0	1	6	0.0	0	0	0	0	1.7	2	0	1	6
	--Manipulation	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthroscopy	2.8	8	0	0	41	0.0	0	0	0	0	2.8	8	0	0	41
	Other Procedures	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL-Shoulder	8.3	12	0	3	51	0.0	0	0	0	0	8.3	12	0	3	51
Humerus/Elbow	Incision	0.7	1	0	0	4	0.0	0	0	0	0	0.7	1	0	0	4
	Excision	1.4	2	0	1	6	0.0	0	0	0	0	1.4	2	0	1	6
	Intro or Removal	0.6	1	0	0	4	0.0	0	0	0	0	0.6	1	0	0	4
	Repair/Revision/Reconstruction	1.4	1	0	1	8	0.0	0	0	0	1	1.4	1	0	1	8
	Trauma	33.4	24	0	29	87	0.2	0	0	0	2	33.2	24	0	29	87
	--Fracture and/or Dislocation	31.9	23	0	25	86	0.2	0	0	0	1	31.7	23	0	25	86
	--Manipulation	1.5	4	0	0	21	0.0	0	0	0	1	1.5	4	0	0	21
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Arthroscopy	1.3	4	0	0	25	0.0	0	0	0	0	1.3	4	0	0	25
	Other Procedures	0.3	1	0	0	2	0.0	0	0	0	0	0.3	1	0	0	2
	TOTAL-Humerus/Elbow	39.1	28	1	34	108	0.2	0	0	0	2	38.9	28	1	33	108

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Reporting Period: Total Experience of Residents Completing Programs in 2011-2012
Residency Review Committee for Orthopaedic Surgery
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[PART 2]		Programs in the Nation: 20					Residents in the Nation: 35										
		All Patients					Adult Only					Pediatric Only					
		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																
Forearm/Wrist	Incision	0.4	1	0	0	3	0.0	0	0	0	1	0.4	1	0	0	3	
	Excision	1.2	1	0	1	6	0.0	0	0	0	0	1.2	1	0	1	6	
	Intro or Removal	0.2	0	0	0	2	0.0	0	0	0	0	0.2	0	0	0	2	
	Repair/Revision/Reconstruction	1.8	3	0	1	14	0.0	0	0	0	1	1.8	3	0	1	14	
	Trauma	10.9	9	0	10	37	0.0	0	0	0	1	10.9	9	0	9	37	
	--Fracture and/or Dislocation	7.7	7	0	6	26	0.0	0	0	0	1	7.7	7	0	6	26	
	--Manipulation	3.2	6	0	1	33	0.0	0	0	0	0	3.2	6	0	1	33	
	Arthrodesis	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2	
	Amputation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	
	Arthroscopy	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2	
	Other Procedures	0.1	1	0	0	3	0.0	0	0	0	0	0.1	1	0	0	3	
	TOTAL-Forearm/Wrist		14.9	10	0	15	37	0.1	1	0	0	3	14.8	10	0	15	37
Hand/Fingers	Incision	1.4	2	0	0	8	0.0	0	0	0	0	1.4	2	0	0	8	
	Excision	0.6	1	0	0	5	0.0	0	0	0	0	0.6	1	0	0	5	
	Intro or Removal	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1	
	Repair/Revision/Reconstruction	1.5	2	0	0	7	0.0	0	0	0	0	1.5	2	0	0	7	
	Trauma	1.5	2	0	1	8	0.0	0	0	0	1	1.4	2	0	1	7	
	--Fracture and/or Dislocation	1.3	2	0	0	5	0.0	0	0	0	0	1.3	2	0	0	5	
	--Manipulation	0.2	1	0	0	3	0.0	0	0	0	1	0.1	0	0	0	2	
	Arthrodesis	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1	
	Amputation	0.3	1	0	0	4	0.0	0	0	0	0	0.3	1	0	0	4	
	Other Procedures	0.1	1	0	0	3	0.0	0	0	0	0	0.1	1	0	0	3	
	TOTAL-Hand/Fingers		5.5	6	0	3	22	0.0	0	0	0	1	5.5	6	0	3	21

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[PART 3]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		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															
Pelvis/Hip	Incision	14.4	12	0	12	57	0.3	1	0	0	6	14.1	11	0	11	51
	Excision	1.2	2	0	1	7	0.0	0	0	0	1	1.1	2	0	1	7
	Intro or Removal	6.8	7	0	6	36	0.0	0	0	0	1	6.8	7	0	6	35
	Repair/Revision/Reconstruction	35.5	24	8	29	111	1.5	4	0	0	19	34.1	22	8	28	97
	Trauma	7.6	5	0	6	18	0.0	0	0	0	1	7.6	5	0	6	18
	--Fracture and/or Dislocation	5.3	4	0	4	18	0.0	0	0	0	1	5.3	4	0	4	18
	--Manipulation	2.3	2	0	2	8	0.0	0	0	0	0	2.3	2	0	2	8
	Arthrodesis	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Amputation	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Arthroscopy	1.1	3	0	0	18	0.0	0	0	0	1	1.1	3	0	0	18
	Other Procedures	6.3	9	0	3	29	0.9	4	0	0	21	5.4	7	0	2	26
		TOTAL-Pelvis/Hip	73.1	41	12	69	175	2.8	6	0	0	27	70.3	39	12	63
Femur/Knee	Incision	3.4	3	0	3	13	0.0	0	0	0	1	3.4	3	0	3	13
	Excision	4.9	6	0	3	34	0.1	0	0	0	2	4.8	6	0	3	34
	Intro or Removal	0.7	2	0	0	9	0.0	0	0	0	0	0.7	2	0	0	9
	Repair/Revision/Reconstruction	39.5	24	13	35	123	0.7	2	0	0	10	38.8	23	13	33	123
	Trauma	13.3	10	1	9	38	0.1	0	0	0	1	13.2	10	1	9	38
	--Fracture and/or Dislocation	9.8	7	1	8	31	0.1	0	0	0	1	9.7	7	1	8	31
	--Manipulation	3.5	5	0	2	26	0.0	0	0	0	0	3.5	5	0	2	26
	Arthrodesis	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Amputation	0.5	1	0	0	4	0.0	0	0	0	0	0.5	1	0	0	4
	Arthroscopy	32.5	63	0	12	277	0.7	2	0	0	9	31.9	63	0	12	277
	Other Procedures	0.6	1	0	0	4	0.0	0	0	0	0	0.6	1	0	0	4
		TOTAL-Femur/Knee	95.5	75	26	71	361	1.5	4	0	0	20	94.0	74	26	71

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Residency Review Committee for Orthopaedic Surgery

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[PART 4]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		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															
Leg/Ankle	Incision	11.4	7	0	11	27	0.1	0	0	0	2	11.3	7	0	11	27
	Excision	4.4	6	0	2	32	0.0	0	0	0	0	4.4	6	0	2	32
	Intro or Removal	0.1	0	0	0	2	0.0	0	0	0	0	0.1	0	0	0	2
	Repair/Revision/Reconstruction	37.2	24	8	30	118	0.4	1	0	0	4	36.8	24	8	30	118
	Trauma	10.7	7	0	10	29	0.1	0	0	0	1	10.6	7	0	10	29
	--Fracture and/or Dislocation	9.3	7	0	9	27	0.1	0	0	0	1	9.2	7	0	8	27
	--Manipulation	1.4	3	0	0	14	0.0	0	0	0	0	1.4	3	0	0	14
	Arthrodesis	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Amputation	1.8	2	0	1	7	0.0	0	0	0	0	1.8	2	0	1	7
	Arthroscopy	1.5	4	0	0	23	0.1	0	0	0	2	1.4	4	0	0	22
	Other Procedures	0.6	1	0	0	4	0.0	0	0	0	0	0.6	1	0	0	4
	TOTAL-Leg/Ankle	67.9	29	9	59	151	0.7	1	0	0	6	67.1	29	9	59	150
Foot/Toes	Incision	1.6	2	0	1	8	0.0	0	0	0	0	1.6	2	0	1	8
	Excision	5.1	4	0	5	15	0.0	0	0	0	0	5.1	4	0	5	15
	Intro or Removal	0.8	1	0	0	6	0.0	0	0	0	0	0.8	1	0	0	6
	Repair/Revision/Reconstruction	28.0	15	0	29	64	0.4	1	0	0	4	27.6	14	0	28	64
	Trauma	2.0	2	0	1	8	0.0	0	0	0	0	2.0	2	0	1	8
	--Fracture and/or Dislocation	1.9	2	0	1	8	0.0	0	0	0	0	1.9	2	0	1	8
	--Manipulation	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Arthrodesis	4.3	4	0	3	23	0.1	1	0	0	3	4.2	4	0	3	23
	Amputation	1.0	1	0	1	5	0.0	0	0	0	1	1.0	1	0	1	5
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	0.9	1	0	0	4	0.0	0	0	0	0	0.9	1	0	0	4
	TOTAL-Foot/Toes	43.7	20	0	46	92	0.6	1	0	0	5	43.1	20	0	46	92

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2011-2012

Residency Review Committee for Orthopaedic Surgery

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[PART 5] Programs in the Nation: 20 Residents in the Nation: 35

		All Patients					Adult Only					Pediatric Only				
		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															
Other Musculoskeletal	Incision	0.5	1	0	0	5	0.0	0	0	0	0	0.5	1	0	0	5
	Excision	3.8	6	0	2	24	0.0	0	0	0	1	3.7	6	0	2	24
	Intro or Removal	44.5	24	6	42	119	1.0	3	0	0	12	43.4	24	6	41	119
	Repair/Revision/Reconstruction	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Trauma	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	--Fracture and/or Dislocation	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	Arthroscopy	0.4	1	0	0	8	0.0	0	0	0	0	0.4	1	0	0	8
	Other Procedures	73.7	54	2	64	221	1.0	3	0	0	15	72.7	53	2	64	220
	TOTAL-Other Musclskel	122.9	68	17	104	310	2.0	6	0	0	25	120.9	67	17	104	309
Subtotal - Musculoskeletal	SUBTOTAL	470.8	192	76	415	880	8.0	16	0	1	78	462.8	188	76	404	880
Spine	Excision	21.3	31	0	9	150	0.2	1	0	0	3	21.1	31	0	9	150
	Osteotomy	1.5	6	0	0	33	0.0	0	0	0	0	1.5	6	0	0	33
	Fracture and/or Dislocation	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Decompression	4.2	8	0	2	43	0.1	1	0	0	5	4.1	8	0	2	43
	Arthrodesis/Anterior	1.5	2	0	1	8	0.0	0	0	0	0	1.5	2	0	1	8
	Arthrodesis/Posterior	10.2	23	0	3	103	0.2	1	0	0	3	10.0	23	0	3	103
	Arthrodesis/Deformity	33.4	18	0	34	77	0.4	1	0	0	4	32.9	18	0	32	77
	Exploration	2.3	4	0	0	19	0.1	0	0	0	2	2.3	4	0	0	19
	Instrumentation	52.1	33	4	44	156	0.6	1	0	0	6	51.5	33	4	44	156
Other Procedures	6.7	10	0	3	50	0.0	0	0	0	1	6.7	10	0	3	50	
TOTAL-Spine	133.7	83	11	112	372	1.6	3	0	0	15	132.1	83	11	105	372	

PEDIATRIC ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

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Residency Review Committee for Orthopaedic Surgery

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[PART 6]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		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															
Integumentary System	Incision/Excision	11.3	11	0	9	54	0.2	1	0	0	4	11.1	11	0	9	54
	Repair (Closure)	1.5	2	0	0	7	0.1	0	0	0	1	1.4	2	0	0	6
	Skin Grafts	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Flaps	0.3	1	0	0	3	0.0	0	0	0	0	0.3	1	0	0	3
	Other Procedures	0.3	1	0	0	6	0.0	0	0	0	0	0.3	1	0	0	6
	TOTAL-Integumentary		13.6	12	0	11	61	0.3	1	0	0	4	13.3	12	0	11
Nervous System	Incision/Excision	0.2	0	0	0	1	0.0	0	0	0	0	0.2	0	0	0	1
	Neuroplasty	2.1	4	0	0	21	0.0	0	0	0	0	2.1	4	0	0	21
	Transection or Avulsion	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Neurorrhaphy	0.4	1	0	0	8	0.0	0	0	0	0	0.4	1	0	0	8
	Carpal Tunnel	0.1	0	0	0	1	0.0	0	0	0	1	0.1	0	0	0	1
	Other Procedures	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Nervous System		2.8	4	0	1	21	0.0	0	0	0	1	2.7	4	0	1
Miscellaneous	Miscellaneous	12.9	14	0	10	56	0.5	1	0	0	5	12.4	13	0	9	56
Oncology Cases	TOTAL-Oncology Cases	11.2	35	0	0	206	0.0	0	0	0	0	11.2	35	0	0	206
Microsurgeries	TOTAL-Microsurgeries	3.5	8	0	0	37	0.0	0	0	0	0	3.5	8	0	0	37
Trauma Cases	TOTAL-Trauma	81.4	49	2	75	182	0.4	1	0	0	5	81.0	49	2	74	182
Total of all procs	TOTAL-Procedures	633.7	225	282	593	1,187	10.4	19	0	2	85	623.3	222	282	575	1,187

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[PART 1]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Shoulder	Incision	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	Excision	0	0	1	1	3	0	0	0	0	0	0	0	1	1	3
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	0	0	0	1	4	0	0	0	0	0	0	0	0	1	4
	Trauma	0	1	1	3	5	0	0	0	0	0	0	1	1	3	5
	--Fracture and/or Dislocation	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5
	--Manipulation	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	0	1	5	0	0	0	0	0	0	0	0	1	5
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Shoulder	1	1	3	9	24	0	0	0	0	0	1	1	3	9	24
Humerus/Elbow	Incision	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2
	Excision	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5
	Intro or Removal	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2
	Repair/Revision/Reconstruction	0	1	1	2	3	0	0	0	0	0	0	1	1	2	3
	Trauma	3	22	29	48	66	0	0	0	0	1	3	21	29	46	66
	--Fracture and/or Dislocation	3	20	25	45	60	0	0	0	0	1	3	19	25	44	60
	--Manipulation	0	0	0	1	3	0	0	0	0	0	0	0	0	1	3
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	Other Procedures	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	TOTAL-Humerus/Elbow	5	24	34	51	76	0	0	0	0	1	5	24	33	49	76

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[PART 2]		Programs in the Nation: 20					Residents in the Nation: 35										
		All Patients					Adult Only					Pediatric Only					
		Resident Percentiles					Resident Percentiles					Resident Percentiles					
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	
RRC Area	RRC Procedure																
Forearm/Wrist	Incision	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	
	Excision	0	0	1	1	4	0	0	0	0	0	0	0	1	1	4	
	Intro or Removal	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Repair/Revision/Reconstruction	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5	
	Trauma	1	5	10	13	23	0	0	0	0	0	1	5	9	13	23	
	--Fracture and/or Dislocation	1	4	6	8	21	0	0	0	0	0	1	4	6	8	21	
	--Manipulation	0	1	1	3	6	0	0	0	0	0	0	1	1	3	6	
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthroscopy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL-Forearm/Wrist	3	8	15	19	28	0	0	0	0	0	3	8	15	19	28
Hand/Fingers	Incision	0	0	0	2	4	0	0	0	0	0	0	0	0	2	4	
	Excision	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	0	0	0	2	6	0	0	0	0	0	0	0	0	2	6	
	Trauma	0	0	1	2	4	0	0	0	0	0	0	0	1	2	4	
	--Fracture and/or Dislocation	0	0	0	2	4	0	0	0	0	0	0	0	0	2	4	
	--Manipulation	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Amputation	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL-Hand/Fingers	0	1	3	8	15	0	0	0	0	0	0	1	3	8	15

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[PART 3]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Pelvis/Hip	Incision	3	6	12	18	26	0	0	0	0	1	3	6	11	18	26
	Excision	0	0	1	1	3	0	0	0	0	0	0	0	1	1	3
	Intro or Removal	0	3	6	9	13	0	0	0	0	0	0	3	6	9	13
	Repair/Revision/Reconstruction	11	22	29	45	70	0	0	0	2	3	11	21	28	40	70
	Trauma	2	4	6	10	15	0	0	0	0	0	2	4	6	9	15
	--Fracture and/or Dislocation	2	3	4	7	11	0	0	0	0	0	2	3	4	7	11
	--Manipulation	0	1	2	3	6	0	0	0	0	0	0	1	2	3	6
	Arthrodesis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Amputation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
	Other Procedures	0	1	3	7	26	0	0	0	0	2	0	1	2	7	15
	TOTAL-Pelvis/Hip		23	48	69	90	131	0	0	0	2	6	23	48	63	86
Femur/Knee	Incision	0	1	3	5	8	0	0	0	0	0	0	1	3	4	8
	Excision	1	2	3	5	11	0	0	0	0	0	1	2	3	5	11
	Intro or Removal	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	Repair/Revision/Reconstruction	22	25	35	44	59	0	0	0	0	2	22	25	33	42	59
	Trauma	3	6	9	16	31	0	0	0	0	0	3	6	9	16	31
	--Fracture and/or Dislocation	3	5	8	14	20	0	0	0	0	0	3	4	8	14	20
	--Manipulation	0	1	2	4	11	0	0	0	0	0	0	1	2	4	11
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
	Arthroscopy	0	5	12	19	59	0	0	0	0	2	0	5	12	18	55
	Other Procedures	0	0	0	1	3	0	0	0	0	0	0	0	0	1	3
	TOTAL-Femur/Knee		44	52	71	93	172	0	0	0	0	5	44	52	71	93

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[PART 4]		Programs in the Nation: 20					Residents in the Nation: 35										
		All Patients					Adult Only					Pediatric Only					
		Resident Percentiles					Resident Percentiles					Resident Percentiles					
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	
RRC Area	RRC Procedure																
Leg/Ankle	Incision	2	9	11	13	21	0	0	0	0	1	1	9	11	13	21	
	Excision	1	1	2	5	10	0	0	0	0	0	1	1	2	5	10	
	Intro or Removal	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Repair/Revision/Reconstruction	14	23	30	39	65	0	0	0	0	2	14	22	30	39	64	
	Trauma	2	7	10	12	23	0	0	0	0	0	2	7	10	12	23	
	--Fracture and/or Dislocation	1	6	9	10	20	0	0	0	0	0	1	6	8	10	20	
	--Manipulation	0	0	0	1	3	0	0	0	0	0	0	0	0	1	3	
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Amputation	0	1	1	2	4	0	0	0	0	0	0	1	1	2	4	
	Arthroscopy	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	
	Other Procedures	0	0	0	1	2	0	0	0	0	0	0	0	0	1	2	
	TOTAL-Leg/Ankle		38	51	59	80	114	0	0	0	1	2	38	51	59	79	114
	Foot/Toes	Incision	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5
Excision		1	2	5	7	10	0	0	0	0	0	1	2	5	7	10	
Intro or Removal		0	0	0	1	3	0	0	0	0	0	0	0	0	1	3	
Repair/Revision/Reconstruction		9	21	29	35	45	0	0	0	0	2	9	20	28	34	41	
Trauma		0	1	1	2	6	0	0	0	0	0	0	1	1	2	6	
--Fracture and/or Dislocation		0	0	1	2	6	0	0	0	0	0	0	0	1	2	6	
--Manipulation		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Arthrodesis		0	2	3	6	8	0	0	0	0	0	0	2	3	5	8	
Amputation		0	0	1	1	2	0	0	0	0	0	0	0	1	1	2	
Arthroscopy		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Procedures		0	0	0	1	3	0	0	0	0	0	0	0	0	1	3	
TOTAL-Foot/Toes			19	34	46	53	69	0	0	0	0	3	19	33	46	51	65

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[PART 5]		Programs in the Nation: 20 Residents in the Nation: 35															
		All Patients					Adult Only					Pediatric Only					
		Resident Percentiles					Resident Percentiles					Resident Percentiles					
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90	
RRC Area	RRC Procedure																
Other Musculoskeletal	Incision	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	
	Excision	0	1	2	3	9	0	0	0	0	0	0	1	2	3	9	
	Intro or Removal	14	31	42	53	74	0	0	0	0	3	14	30	41	52	69	
	Repair/Revision/Reconstruction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Trauma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	--Fracture and/or Dislocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthroscopy	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Other Procedures	14	36	64	82	152	0	0	0	0	2	14	36	64	82	152	
	TOTAL-Other Musclskel	55	78	104	166	207	0	0	0	1	4	55	77	104	153	207	
Subtotal - Musculoskeletal	SUBTOTAL	261	364	415	571	758	0	0	1	5	28	261	363	404	541	752	
Spine	Excision	0	4	9	25	52	0	0	0	0	0	0	4	9	25	52	
	Osteotomy	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	
	Fracture and/or Dislocation	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
	Decompression	0	0	2	4	9	0	0	0	0	0	0	0	2	3	9	
	Arthrodesis/Anterior	0	0	1	2	5	0	0	0	0	0	0	0	1	2	5	
	Arthrodesis/Posterior	0	2	3	6	27	0	0	0	0	0	0	1	3	6	27	
	Arthrodesis/Deformity	5	23	34	42	55	0	0	0	0	2	5	23	32	42	55	
	Exploration	0	0	0	2	10	0	0	0	0	0	0	0	0	2	10	
	Instrumentation	16	32	44	61	98	0	0	0	0	2	16	32	44	59	96	
	Other Procedures	0	1	3	7	16	0	0	0	0	0	0	1	3	7	16	
TOTAL-Spine	42	85	112	166	231	0	0	0	1	5	41	85	105	165	231		

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[PART 6]		Programs in the Nation: 20					Residents in the Nation: 35									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Integumentary System	Incision/Excision	1	4	9	17	22	0	0	0	0	1	1	4	9	15	22
	Repair (Closure)	0	0	0	3	4	0	0	0	0	0	0	0	0	2	4
	Skin Grafts	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Flaps	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Other Procedures	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	TOTAL-Integumentary		1	4	11	19	28	0	0	0	0	1	1	4	11	19
Nervous System	Incision/Excision	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Neuroplasty	0	0	0	1	8	0	0	0	0	0	0	0	0	1	8
	Transection or Avulsion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neurorrhaphy	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Carpal Tunnel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Nervous System		0	0	1	2	9	0	0	0	0	0	0	0	1	2
Miscellaneous	Miscellaneous	1	4	10	13	35	0	0	0	0	2	1	4	9	13	33
Oncology Cases	TOTAL-Oncology Cases	0	0	0	7	20	0	0	0	0	0	0	0	0	7	20
Microsurgeries	TOTAL-Microsurgeries	0	0	0	2	9	0	0	0	0	0	0	0	0	2	9
Trauma Cases	TOTAL-Trauma	18	50	75	99	148	0	0	0	0	2	18	48	74	99	148
Total of all procs	TOTAL-Procedures	364	511	593	724	950	0	0	2	7	29	364	501	575	724	942