



Accreditation Council for Graduate Medical Education

Musculoskeletal Oncology 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 chosen to provide 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.

The information on the following pages has been created using specialty specific categories. These data should not be used for comparison across specialties as the definition of the categories will vary among the specialties. In addition, care should be exercised when comparing data from year to year as the definition of certain categories may be revised from time to time.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2016-2017

Residency Review Committee for Orthopaedic Surgery

Report Date: June 19, 2018

[PART 1]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0.4	1	0	0	2	0.0	0	0	0	0
	Excision	17.5	5	11	16	30	15.8	5	10	14	30	1.7	2	0	1	5
	Intro or Removal	0.5	1	0	0	2	0.4	1	0	0	2	0.1	0	0	0	1
	Repair/Revision/Reconstruction	5.1	3	1	5	11	4.8	3	1	5	10	0.3	1	0	0	2
	Fracture and/or Dislocation	1.7	2	0	1	8	1.6	2	0	1	7	0.1	0	0	0	1
	Manipulation	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	1.1	1	0	1	5	1.0	1	0	1	4	0.1	0	0	0	1
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	0.1	1	0	0	2	0.0	0	0	0	0	0.1	1	0	0	2
	TOTAL-Shoulder	26.6	8	15	27	41	24.1	8	11	23	41	2.4	2	0	2	6
Humerus/Elbow	Incision	0.2	1	0	0	2	0.1	0	0	0	1	0.1	0	0	0	1
	Excision	12.4	6	4	14	25	10.1	5	3	11	20	2.3	3	0	1	9
	Intro or Removal	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Repair/Revision/Reconstruction	4.4	3	0	4	10	4.3	3	0	4	10	0.2	0	0	0	1
	Fracture and/or Dislocation	3.3	4	0	2	14	3.0	3	0	2	13	0.3	0	0	0	1
	Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	0.6	1	0	0	2	0.6	1	0	0	2	0.0	0	0	0	0
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	0.2	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1
	TOTAL-Humerus/Elbow	21.2	10	10	22	45	18.3	8	10	18	37	2.9	3	0	2	9

Statistics are based upon all procedures logged by residents.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2016-2017
Residency Review Committee for Orthopaedic Surgery
Report Date: June 19, 2018

[PART 2]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	10.1	5	2	10	20	9.2	5	2	8	20	0.9	1	0	1	3
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.9	1	0	1	5	0.8	1	0	1	3	0.1	1	0	0	2
	Fracture and/or Dislocation	0.7	1	0	0	3	0.6	1	0	0	2	0.1	0	0	0	1
	Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Arthroscopy	0.0	0	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	0	0	0
	TOTAL-Forearm/Wrist	11.8	6	2	12	21	10.7	5	2	10	21	1.1	1	0	1	4
Hand/Fingers	Incision	0.3	1	0	0	2	0.3	1	0	0	2	0.0	0	0	0	0
	Excision	6.1	7	0	4	21	5.6	6	0	4	20	0.6	1	0	0	5
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.3	1	0	0	2	0.3	1	0	0	2	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	0	0	0
	Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	1.3	1	0	1	4	1.2	1	0	1	4	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-Hand/Fingers	8.0	8	1	6	27	7.4	7	1	5	23	0.6	1	0	0

Statistics are based upon all procedures logged by residents.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2016-2017

Residency Review Committee for Orthopaedic Surgery

Report Date: June 19, 2018

[PART 3]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	2.4	2	0	2	9	2.2	2	0	2	9	0.3	0	0	0	1
	Excision	23.7	8	13	26	38	21.8	7	11	24	34	1.9	2	0	1	8
	Intro or Removal	2.9	3	0	3	10	2.8	2	0	3	9	0.1	0	0	0	1
	Repair/Revision/Reconstruction	26.6	11	6	28	44	25.8	11	6	27	44	0.8	1	0	1	4
	Fracture and/or Dislocation	4.6	4	0	3	15	4.3	4	0	2	15	0.3	0	0	0	1
	Manipulation	0.3	1	0	0	2	0.3	1	0	0	2	0.0	0	0	0	0
	Arthrodesis	0.1	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1
	Amputation	2.3	2	0	2	7	2.3	2	0	2	7	0.0	0	0	0	0
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	0.4	1	0	0	3	0.4	1	0	0	2	0.1	0	0	0	1
	TOTAL-Pelvis/Hip	63.3	17	24	70	85	59.8	16	24	66	83	3.4	4	0	3	14
Femur/Knee	Incision	2.0	2	0	2	7	1.8	2	0	2	5	0.3	1	0	0	2
	Excision	55.9	16	31	53	87	48.3	15	29	47	84	7.6	6	1	6	21
	Intro or Removal	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Repair/Revision/Reconstruction	27.8	17	4	25	69	23.4	15	2	23	62	4.4	4	0	3	16
	Fracture and/or Dislocation	5.6	5	1	4	16	4.8	4	1	3	15	0.8	1	0	1	3
	Manipulation	0.6	1	0	0	3	0.2	0	0	0	1	0.4	1	0	0	3
	Arthrodesis	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Amputation	2.8	2	0	3	7	2.6	2	0	2	7	0.3	0	0	0	1
	Arthroscopy	0.5	1	0	0	3	0.4	1	0	0	3	0.1	0	0	0	1
	Other Procedures	0.7	1	0	0	4	0.5	1	0	0	4	0.2	0	0	0	1
	TOTAL-Femur/Knee	96.0	30	54	87	148	82.1	25	41	74	136	13.9	11	1	14	42

Statistics are based upon all procedures logged by residents.

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2016-2017

Residency Review Committee for Orthopaedic Surgery

Report Date: June 19, 2018

[PART 4]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	1.0	1	0	1	3	0.9	1	0	1	3	0.1	0	0	0	1
	Excision	21.4	8	13	19	45	16.7	5	10	15	31	4.8	5	1	4	16
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	2.7	2	0	2	7	1.9	2	0	1	6	0.8	1	0	1	3
	Fracture and/or Dislocation	1.8	2	0	2	5	1.4	1	0	1	4	0.4	1	0	0	3
	Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Amputation	1.8	2	0	1	6	1.6	2	0	1	6	0.1	0	0	0	1
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	0.3	1	0	0	2	0.1	0	0	0	1	0.2	1	0	0	2
	TOTAL-Leg/Ankle	29.0	10	19	26	57	22.7	7	15	19	40	6.3	5	1	5	19
Foot/Toes	Incision	0.3	1	0	0	2	0.1	0	0	0	1	0.1	1	0	0	2
	Excision	5.1	4	0	4	17	4.1	2	0	4	8	1.0	2	0	0	9
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.2	1	0	0	3	0.2	1	0	0	3	0.0	0	0	0	0
	Fracture and/or Dislocation	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Amputation	1.4	2	0	0	9	1.3	2	0	0	8	0.1	0	0	0	1
	Arthroscopy	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Other Procedures	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Foot/Toes	7.3	5	2	6	19	6.1	3	1	6	11	1.3	2	0	0	9

Statistics are based upon all procedures logged by residents.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2016-2017
Residency Review Committee for Orthopaedic Surgery
Report Date: June 19, 2018

[PART 5]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Excision	16.9	14	1	13	52	14.1	12	1	12	45	2.9	3	0	3	13
	Intro or Removal	4.6	4	0	4	14	3.2	3	0	3	9	1.4	3	0	0	13
	Repair/Revision/Reconstruction	0.0	0	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	0	0	0
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	1.8	3	0	1	10	1.1	2	0	0	5	0.7	1	0	0	5
	TOTAL-Other Musclskel	23.3	15	2	20	55	18.4	13	1	16	54	4.9	5	0	4	16
Spine	Excision	4.8	6	0	3	17	4.2	5	0	2	15	0.6	1	0	0	4
	Osteotomy	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Fracture / Dislocation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Decompression	1.7	3	0	1	14	1.4	3	0	1	13	0.3	1	0	0	2
	Arthrodesis/Anterior	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Arthrodesis/Posterior	0.5	1	0	0	3	0.5	1	0	0	3	0.0	0	0	0	0
	Arthrodesis/Deformity	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Exploration	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Instrumentation	1.2	2	0	1	8	1.0	2	0	0	7	0.2	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-Spine	8.3	11	0	6	41	7.3	10	0	4	37	1.1	2	0	0	5

Statistics are based upon all procedures logged by residents.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2016-2017

Residency Review Committee for Orthopaedic Surgery

Report Date: June 19, 2018

[PART 6]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	7.6	7	0	5	20	6.8	6	0	5	19	0.8	2	0	0	8
	Repair (Closure)	0.6	1	0	0	4	0.6	1	0	0	3	0.1	0	0	0	1
	Skin Grafts	1.4	4	0	0	16	1.3	4	0	0	15	0.1	0	0	0	1
	Flaps	5.1	7	0	3	28	4.6	7	0	3	27	0.6	1	0	0	4
	Other Procedures	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Integumentary		14.7	15	0	14	60	13.1	14	0	12	58	1.6	3	0	0
Nervous System	Incision/Excision	1.5	3	0	0	9	1.4	2	0	0	9	0.1	0	0	0	1
	Neuroplasty	4.1	6	0	2	21	3.3	4	0	2	15	0.8	2	0	0	7
	Transection or Avulsion	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Neurorrhaphy	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Carpal Tunnel	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Other Procedures	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Nervous System		5.9	7	0	4	25	5.0	5	0	4	19	0.9	2	0	0
Reductions	Closed Reductions	0.6	1	0	0	3	0.2	0	0	0	1	0.4	1	0	0	3
	Open Simple	16.3	11	2	12	38	14.6	10	2	11	34	1.7	1	0	2	5
	Open Complex	2.5	2	0	3	6	1.9	2	0	2	6	0.6	1	0	0	3
Total Credit Procedures	TOTAL-Procedures	315.3	81	174	312	479	274.8	73	147	277	465	40.5	29	11	36	105
Non-Tracked	Total Non-Tracked Codes	8.8	9	0	6	29	6.1	6	0	5	19	2.7	4	0	1	12

Statistics are based upon all procedures logged by residents.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)
Reporting Period: Total Experience of Residents Completing Programs in 2016-2017
Residency Review Committee for Orthopaedic Surgery
Report Date: June 19, 2018

[PART 1]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	1	2	0	0	0	1	2	0	0	0	0	0
	Excision	11	14	16	20	24	11	13	14	18	24	0	0	1	2	5
	Intro or Removal	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
	Repair/Revision/Reconstruction	1	2	5	8	10	1	2	5	8	9	0	0	0	0	2
	Fracture and/or Dislocation	0	0	1	3	4	0	0	1	3	4	0	0	0	0	0
	Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	1	2	3	0	0	1	1	3	0	0	0	0	1
	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-Shoulder		17	22	27	29	38	16	22	23	27	38	0	1	2	4
Humerus/Elbow	Incision	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	Excision	4	7	14	16	22	4	7	11	12	17	0	0	1	3	7
	Intro or Removal	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Repair/Revision/Reconstruction	1	3	4	7	8	1	3	4	7	8	0	0	0	0	1
	Fracture and/or Dislocation	1	1	2	4	9	0	1	2	3	8	0	0	0	0	1
	Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	1	2	0	0	0	1	2	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	1	0	0	0	0	0	0	0	0	0	1
	TOTAL-Humerus/Elbow		10	12	22	24	32	10	12	18	23	26	0	0	2	5

Statistics are based upon all procedures logged by residents.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)
Reporting Period: Total Experience of Residents Completing Programs in 2016-2017
Residency Review Committee for Orthopaedic Surgery
Report Date: June 19, 2018

[PART 2]		Programs in the Nation: 11					Residents in the Nation: 16										
		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	0	0	0	0	0	0	0	0	0	0	0	0	
	Excision	4	6	10	14	18	4	5	8	13	15	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	1	1	3	0	0	1	1	3	0	0	0	0	0	
	Fracture and/or Dislocation	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0	
	Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	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	1	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		4	7	12	16	20	4	7	10	15	17	0	0	1	1	3
Hand/Fingers	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
	Excision	0	2	4	6	21	0	1	4	6	16	0	0	0	1	1	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
	Fracture and/or Dislocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Amputation	0	0	1	2	3	0	0	1	2	3	0	0	0	0	0	
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL-Hand/Fingers		1	3	6	8	24	1	3	5	8	22	0	0	0	1	1

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[PART 3]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0	1	2	3	5	0	1	2	3	4	0	0	0	0	1
	Excision	14	14	26	29	34	13	14	24	26	30	0	0	1	3	5
	Intro or Removal	0	2	3	4	6	0	2	3	4	5	0	0	0	0	1
	Repair/Revision/Reconstruction	10	22	28	31	41	9	20	27	31	40	0	0	1	1	2
	Fracture and/or Dislocation	1	2	3	7	11	1	2	2	7	10	0	0	0	0	1
	Manipulation	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	Arthrodesis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Amputation	1	1	2	3	4	1	1	2	3	4	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	2	0	0	0	0	2	0	0	0	0	0
	TOTAL-Pelvis/Hip	40	54	70	75	83	38	51	66	71	76	0	1	3	5	6
Femur/Knee	Incision	0	0	2	2	6	0	0	2	2	5	0	0	0	0	1
	Excision	36	46	53	65	87	32	40	47	52	73	1	3	6	11	18
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	9	20	25	32	60	5	19	23	28	44	0	2	3	7	8
	Fracture and/or Dislocation	1	2	4	8	13	1	2	3	6	11	0	0	1	1	2
	Manipulation	0	0	0	1	2	0	0	0	0	1	0	0	0	0	1
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	1	3	4	7	0	1	2	3	6	0	0	0	0	1
	Arthroscopy	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	Other Procedures	0	0	0	0	3	0	0	0	0	2	0	0	0	0	1
	TOTAL-Femur/Knee	62	76	87	112	144	58	69	74	93	132	3	7	14	16	26

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[PART 4]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0	0	1	1	3	0	0	1	1	2	0	0	0	0	0
	Excision	14	17	19	23	29	12	13	15	19	24	1	2	4	4	14
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	0	1	2	4	6	0	1	1	3	4	0	0	1	1	2
	Fracture and/or Dislocation	0	0	2	3	4	0	0	1	2	4	0	0	0	0	1
	Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	1	1	3	4	0	1	1	2	4	0	0	0	0	1
	Arthroscopy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other Procedures	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	TOTAL-Leg/Ankle	20	23	26	32	43	16	18	19	25	34	1	2	5	7	17
Foot/Toes	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	2	3	4	6	11	1	3	4	5	8	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
	Fracture and/or Dislocation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	0	0	2	5	0	0	0	2	5	0	0	0	0	1
	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-Foot/Toes	2	4	6	10	13	2	4	6	9	11	0	0	0	1	4

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[PART 5]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0	0	0	0	0	0	0	0	0	0	0
	Excision	2	9	13	20	45	2	7	12	16	39	0	1	3	4	5
	Intro or Removal	1	2	4	7	9	0	1	3	5	6	0	0	0	1	3
	Repair/Revision/Reconstruction	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	0	0	0	0	0	0	0	0	0	0	0
	Other Procedures	0	0	1	2	5	0	0	0	1	4	0	0	0	1	3
	TOTAL-Other Musclskel		5	15	20	29	54	5	12	16	21	40	1	1	4	5
Spine	Excision	0	0	3	6	16	0	0	2	5	12	0	0	0	1	2
	Osteotomy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fracture / Dislocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Decompression	0	0	1	2	3	0	0	1	1	2	0	0	0	0	1
	Arthrodesis/Anterior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis/Posterior	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0
	Arthrodesis/Deformity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Exploration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Instrumentation	0	0	1	2	2	0	0	0	1	2	0	0	0	0	1
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Spine		0	1	6	10	21	0	1	4	10	17	0	0	0	1

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[PART 6]		Programs in the Nation: 11					Residents in the Nation: 16									
		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	0	2	5	13	18	0	2	5	10	16	0	0	0	1	2
	Repair (Closure)	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	Skin Grafts	0	0	0	1	2	0	0	0	1	2	0	0	0	0	1
	Flaps	0	2	3	5	11	0	1	3	5	11	0	0	0	1	2
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Integumentary		1	5	14	19	27	1	5	12	17	23	0	0	0	2
Nervous System	Incision/Excision	0	0	0	2	5	0	0	0	2	4	0	0	0	0	0
	Neuroplasty	0	1	2	3	17	0	1	2	3	10	0	0	0	0	6
	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	1	0	0	0	0	0
	Carpal Tunnel	0	0	0	0	1	0	0	0	0	1	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	1	4	6	18	0	1	4	5	13	0	0	0	0
Reductions	Closed Reductions	0	0	0	1	2	0	0	0	0	1	0	0	0	1	1
	Open Simple	5	7	12	25	35	5	6	11	23	33	0	1	2	2	4
	Open Complex	0	1	3	4	6	0	1	2	3	4	0	0	0	1	2
Total Credit Procedures	TOTAL-Procedures	178	283	312	356	432	160	242	277	306	333	14	18	36	42	99
Non-Tracked	Total Non-Tracked Codes	1	2	6	14	24	0	2	5	9	13	0	0	1	2	10

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