



Accreditation Council for Graduate Medical Education

Musculoskeletal Oncology 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 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.

MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 1]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	18.3	7	7	18	33	17.3	7	7	17	32	1.0	1	0	1	3
	Intro or Removal	0.3	1	0	0	3	0.3	1	0	0	3	0.0	0	0	0	0
	Repair/Revision/Reconstruction	6.4	4	2	5	17	6.1	4	2	5	16	0.3	0	0	0	1
	Trauma	1.1	1	0	1	3	1.1	1	0	1	3	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.9	1	0	1	3	0.9	1	0	1	3	0.0	0	0	0	0
	--Manipulation	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Arthrodesis	0.1	1	0	0	2	0.1	1	0	0	2	0.0	0	0	0	0
	Amputation	0.9	1	0	1	2	0.8	1	0	1	2	0.1	0	0	0	1
	Arthroscopy	0.3	1	0	0	4	0.3	1	0	0	3	0.1	0	0	0	1
	Other Procedures	0.3	1	0	0	2	0.3	1	0	0	2	0.1	0	0	0	1
	TOTAL-Shoulder		28.1	9	11	28	44	26.7	9	11	26	41	1.5	2	0	1
Humerus/Elbow	Incision	0.2	1	0	0	2	0.1	0	0	0	1	0.1	0	0	0	1
	Excision	12.5	5	6	12	20	10.6	4	4	11	18	1.9	2	0	1	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	4.1	4	0	4	14	3.6	4	0	2	14	0.5	1	0	0	2
	Trauma	4.4	4	0	4	12	4.0	4	0	4	11	0.4	1	0	0	3
	--Fracture and/or Dislocation	4.3	4	0	4	11	3.9	3	0	4	10	0.4	1	0	0	3
	--Manipulation	0.1	0	0	0	1	0.1	0	0	0	1	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	0.5	1	0	0	2	0.5	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	0.3	1	0	0	2	0.1	0	0	0	1	0.2	0	0	0	1
	TOTAL-Humerus/Elbow		22.0	7	8	23	32	18.9	6	7	21	26	3.1	3	0	2

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 2]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	4	0.4	1	0	0	4	0.0	0	0	0	0
	Excision	8.9	5	1	8	18	7.9	5	1	7	18	1.0	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	0.8	1	0	1	3	0.7	1	0	1	3	0.1	0	0	0	1
	Trauma	0.9	1	0	1	3	0.9	1	0	1	3	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.9	1	0	1	3	0.9	1	0	1	3	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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Amputation	0.3	0	0	0	1	0.3	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	0.1	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1
	TOTAL-Forearm/Wrist	11.4	5	1	12	21	10.3	5	1	10	21	1.1	2	0	0	5
Hand/Fingers	Incision	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Excision	7.1	6	0	6	19	6.4	5	0	6	17	0.7	1	0	0	4
	Intro or Removal	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Trauma	0.1	0	0	0	1	0.1	0	0	0	1	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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Amputation	2.2	1	0	2	5	2.1	1	0	2	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	9.9	6	1	9	21	9.1	6	1	9	19	0.8	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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 3]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	1.7	2	0	1	6	1.5	2	0	1	5	0.2	1	0	0	3
	Excision	22.1	9	9	22	35	20.2	8	9	20	33	1.9	2	0	2	6
	Intro or Removal	1.6	2	0	1	6	1.5	2	0	1	5	0.1	0	0	0	1
	Repair/Revision/Reconstruction	26.0	9	14	25	45	25.4	9	14	24	44	0.6	1	0	0	2
	Trauma	5.5	4	1	4	15	5.1	4	1	4	14	0.5	1	0	0	3
	--Fracture and/or Dislocation	5.3	5	1	4	15	4.9	4	1	4	14	0.4	1	0	0	3
	--Manipulation	0.2	1	0	0	2	0.1	1	0	0	2	0.1	0	0	0	1
	Arthrodesis	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Amputation	2.9	2	1	2	7	2.8	2	1	2	7	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	0.7	1	0	0	4	0.5	1	0	0	4	0.2	1	0	0	2
	TOTAL-Pelvis/Hip	60.7	15	40	61	83	57.3	15	36	51	79	3.5	3	0	2	11
Femur/Knee	Incision	3.3	4	0	2	16	3.2	4	0	2	16	0.1	0	0	0	1
	Excision	54.3	20	30	47	94	47.1	17	27	43	80	7.2	5	1	6	14
	Intro or Removal	0.3	1	0	0	2	0.2	0	0	0	1	0.1	0	0	0	1
	Repair/Revision/Reconstruction	26.1	6	16	27	34	22.4	6	13	22	33	3.7	2	0	4	7
	Trauma	6.1	4	1	5	16	5.5	4	1	4	14	0.5	1	0	0	3
	--Fracture and/or Dislocation	5.3	4	0	4	13	4.8	4	0	4	12	0.5	1	0	0	3
	--Manipulation	0.8	1	0	0	3	0.7	1	0	0	2	0.1	0	0	0	1
	Arthrodesis	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Amputation	3.3	2	0	3	7	2.9	2	0	3	7	0.4	1	0	0	2
	Arthroscopy	1.3	2	0	1	4	1.1	1	0	0	4	0.1	0	0	0	1
	Other Procedures	0.8	1	0	0	3	0.2	0	0	0	1	0.6	1	0	0	2
	TOTAL-Femur/Knee	95.7	26	56	92	138	82.9	24	45	73	122	12.7	7	2	13	22

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 4]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	20.2	8	10	18	37	15.3	6	6	13	28	4.9	4	0	4	11
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	4.3	3	0	4	13	3.3	3	0	4	9	1.0	1	0	1	4
	Trauma	2.3	3	0	1	10	1.8	3	0	0	9	0.5	1	0	0	1
	--Fracture and/or Dislocation	2.3	3	0	1	10	1.8	3	0	0	9	0.5	1	0	0	1
	--Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.3	0	0	0	1	0.3	0	0	0	1	0.1	0	0	0	1
	Amputation	1.6	1	0	2	4	1.6	1	0	2	4	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-Leg/Ankle	29.9	12	16	27	61	23.3	9	14	21	47	6.7	5	0	6	14
Foot/Toes	Incision	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Excision	7.5	4	2	6	18	6.3	4	0	5	18	1.2	1	0	1	5
	Intro or Removal	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Trauma	0.1	1	0	0	2	0.1	1	0	0	2	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.1	1	0	0	2	0.1	1	0	0	2	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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Amputation	0.7	1	0	0	3	0.6	1	0	0	3	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	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	TOTAL-Foot/Toes	8.9	5	2	9	20	7.6	5	0	8	20	1.3	1	0	1	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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 5]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	26.8	24	6	17	87	23.2	21	5	13	79	3.6	3	0	2	11
	Intro or Removal	6.9	7	0	6	18	4.5	5	0	2	15	2.5	4	0	1	16
	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	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	5.1	9	0	1	34	4.1	8	0	1	30	1.0	1	0	0	4
	TOTAL-Other Musclskel	39.0	27	7	30	100	31.9	25	6	23	92	7.1	5	0	8	17
Spine	Excision	3.8	5	0	1	18	3.4	5	0	1	18	0.4	1	0	0	4
	Osteotomy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Fracture and/or Dislocation	0.3	1	0	0	4	0.3	1	0	0	4	0.0	0	0	0	0
	Decompression	5.7	7	0	3	26	5.5	7	0	3	26	0.3	1	0	0	3
	Arthrodesis/Anterior	0.7	3	0	0	10	0.7	3	0	0	10	0.0	0	0	0	0
	Arthrodesis/Posterior	3.8	13	0	0	51	3.8	13	0	0	51	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	0.1	1	0	0	2	0.1	1	0	0	2	0.0	0	0	0	0
	Instrumentation	4.5	8	0	0	31	4.1	8	0	0	31	0.5	1	0	0	4
	Other Procedures	0.3	1	0	0	3	0.3	1	0	0	3	0.0	0	0	0	0
	TOTAL-Spine	19.2	36	0	7	143	18.1	36	0	7	143	1.1	2	0	0	7

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 6]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	8.2	6	0	10	19	7.8	6	0	9	19	0.4	1	0	0	3
	Repair (Closure)	2.8	4	0	0	15	2.4	4	0	0	13	0.4	1	0	0	2
	Skin Grafts	3.4	6	0	2	23	3.1	6	0	1	22	0.3	0	0	0	1
	Flaps	5.1	9	0	2	33	4.5	8	0	2	30	0.6	1	0	0	3
	Other Procedures	0.2	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1
	TOTAL-Integumentary		19.7	15	0	19	53	17.9	14	0	17	49	1.7	2	0	2
Nervous System	Incision/Excision	1.8	3	0	0	9	1.7	3	0	0	8	0.1	0	0	0	1
	Neuroplasty	5.8	9	0	2	33	5.4	9	0	2	33	0.4	1	0	0	3
	Transection or Avulsion	1.1	4	0	0	16	1.0	4	0	0	15	0.1	0	0	0	1
	Neurorrhaphy	0.3	1	0	0	2	0.1	0	0	0	1	0.1	0	0	0	1
	Carpal Tunnel	0.3	0	0	0	1	0.3	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-Nervous System		9.2	12	0	4	35	8.5	11	0	4	33	0.7	1	0	0
Trauma Cases	TOTAL-Trauma	20.4	13	4	16	39	18.5	11	3	16	37	1.9	2	0	1	7
Total of all procs	TOTAL-Procedures	353.7	86	217	358	498	312.4	83	201	300	437	41.3	21	10	39	81
Non-Tracked	Total Non-Tracked Codes	20.4	18	0	16	71	17.2	18	0	11	70	3.2	4	0	1	15

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 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 30, 2016

[PART 1]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	1	0	0	0	1	1	0	0	0	0	0
	Excision	10	14	18	24	24	10	13	17	22	24	0	0	1	1	3
	Intro or Removal	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Repair/Revision/Reconstruction	2	4	5	8	10	2	4	5	8	10	0	0	0	0	1
	Trauma	0	0	1	2	3	0	0	1	2	3	0	0	0	0	0
	--Fracture and/or Dislocation	0	0	1	2	2	0	0	1	2	2	0	0	0	0	0
	--Manipulation	0	0	0	0	1	0	0	0	0	1	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	1	2	0	0	1	1	2	0	0	0	0	0
	Arthroscopy	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
TOTAL-Shoulder		14	25	28	33	41	14	22	26	31	39	0	0	1	2	4
Humerus/Elbow	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	6	9	12	16	20	5	8	11	13	17	0	1	1	3	5
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	0	2	4	4	9	0	2	2	4	9	0	0	0	1	2
	Trauma	0	1	4	7	10	0	1	4	6	10	0	0	0	0	1
	--Fracture and/or Dislocation	0	1	4	7	10	0	1	4	6	10	0	0	0	0	1
	--Manipulation	0	0	0	0	1	0	0	0	0	1	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		9	21	23	27	30	9	14	21	25	25	0	1	2	5	7

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 2]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	1	0	0	0	0	1	0	0	0	0	0
	Excision	3	5	8	12	18	3	5	7	10	16	0	0	0	2	2
	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	2	0	0	1	1	2	0	0	0	0	0
	Trauma	0	0	1	1	3	0	0	1	1	3	0	0	0	0	0
	–Fracture and/or Dislocation	0	0	1	1	3	0	0	1	1	3	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	1	0	0	0	0	0	0	0	0	0	0
TOTAL-Forearm/Wrist		4	9	12	13	21	4	8	10	11	18	0	0	0	2	3
Hand/Fingers	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	1	4	6	11	13	1	4	6	9	12	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	0	1	0	0	0	0	1	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
	–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	2	2	3	4	0	2	2	3	4	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		1	5	9	14	18	1	5	9	13	17	0	0	0	1

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 3]		Programs in the Nation: 10					Residents in the Nation: 15										
		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	0	1	2	5	0	0	1	2	3	0	0	0	0	0	
	Excision	11	16	22	29	33	9	14	20	27	33	0	1	2	2	3	
	Intro or Removal	0	0	1	3	4	0	0	1	3	4	0	0	0	0	0	
	Repair/Revision/Reconstruction	16	19	25	30	42	15	19	24	28	40	0	0	0	1	2	
	Trauma	1	3	4	7	14	1	3	4	5	14	0	0	0	0	2	
	--Fracture and/or Dislocation	1	2	4	7	14	1	2	4	5	14	0	0	0	0	1	
	--Manipulation	0	0	0	0	1	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	1	2	2	4	5	1	2	2	3	5	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	3	0	0	0	0	2	0	0	0	0	1	
	TOTAL-Pelvis/Hip		43	52	61	67	81	41	47	51	62	79	1	2	2	4	6
	Femur/Knee	Incision	0	1	2	3	8	0	1	2	2	8	0	0	0	0	0
Excision		33	39	47	67	82	29	35	43	56	71	2	4	6	10	14	
Intro or Removal		0	0	0	0	2	0	0	0	0	1	0	0	0	0	1	
Repair/Revision/Reconstruction		17	23	27	31	34	13	18	22	26	30	0	2	4	6	6	
Trauma		2	3	5	7	14	2	3	4	7	13	0	0	0	1	2	
--Fracture and/or Dislocation		2	3	4	6	13	2	2	4	6	12	0	0	0	1	1	
--Manipulation		0	0	0	1	2	0	0	0	1	2	0	0	0	0	0	
Arthrodesis		0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
Amputation		1	2	3	4	6	0	1	3	4	6	0	0	0	1	1	
Arthroscopy		0	0	1	2	4	0	0	0	2	3	0	0	0	0	1	
Other Procedures		0	0	0	2	2	0	0	0	0	1	0	0	0	1	2	
TOTAL-Femur/Knee			67	73	92	117	131	58	69	73	99	119	3	9	13	18	21

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)
Reporting Period: Total Experience of Residents Completing Programs in 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 30, 2016

[PART 4]		Programs in the Nation: 10					Residents in the Nation: 15										
		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	2	0	0	1	1	2	0	0	0	0	0	
	Excision	12	15	18	23	35	11	13	13	16	28	0	3	4	7	11	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	1	2	4	5	8	0	2	4	4	7	0	0	1	1	2	
	Trauma	0	0	1	4	5	0	0	0	3	4	0	0	0	1	1	
	--Fracture and/or Dislocation	0	0	1	4	5	0	0	0	3	4	0	0	0	1	1	
	--Manipulation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Arthrodesis	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	
	Amputation	0	0	2	2	3	0	0	2	2	3	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-Leg/Ankle		17	23	27	33	45	15	17	21	23	35	1	4	6	10	14
	Foot/Toes	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Excision		3	5	6	9	14	2	5	5	7	10	0	0	1	2	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	1	0	0	0	0	1	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	
--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	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	0	0	0	0	0	0	0	0	0	0	0	
TOTAL-Foot/Toes			3	6	9	10	14	2	6	8	9	12	0	0	1	2	3

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 30, 2016

[PART 5]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	1	0	0	0	0	1	0	0	0	0	0
	Excision	6	13	17	27	63	6	11	13	22	52	0	1	2	6	8
	Intro or Removal	0	1	6	12	18	0	1	2	7	14	0	0	1	3	7
	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	0	0	0	0	0	0	0	0	0	0	0
	Other Procedures	0	1	1	4	11	0	1	1	3	11	0	0	0	1	4
TOTAL-Other Musclskel		8	24	30	47	73	7	13	23	43	60	0	4	8	9	13
Spine	Excision	0	0	1	4	12	0	0	1	4	10	0	0	0	0	2
	Osteotomy	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
	Decompression	0	0	3	7	17	0	0	3	7	17	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	0	5	0	0	0	0	5	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	0	5	12	0	0	0	4	12	0	0	0	0	2
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
TOTAL-Spine		0	1	7	20	37	0	1	7	16	37	0	0	0	0	6

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 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 30, 2016

[PART 6]		Programs in the Nation: 10					Residents in the Nation: 15									
		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	3	10	11	17	1	2	9	11	16	0	0	0	0	1
	Repair (Closure)	0	0	0	5	7	0	0	0	3	6	0	0	0	0	2
	Skin Grafts	0	0	2	3	8	0	0	1	2	8	0	0	0	0	1
	Flaps	0	1	2	4	18	0	1	2	2	17	0	0	0	1	2
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	TOTAL-Integumentary		4	10	19	26	43	4	7	17	23	40	0	0	2	3
Nervous System	Incision/Excision	0	0	0	2	8	0	0	0	1	8	0	0	0	0	1
	Neuroplasty	0	1	2	7	14	0	1	2	4	13	0	0	0	0	1
	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	1
	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	12	33	0	1	4	11	33	0	0	0	1
Trauma Cases	TOTAL-Trauma	4	12	16	30	36	4	12	16	29	32	0	0	1	3	5
Total of all procs	TOTAL-Procedures	247	275	358	403	468	214	250	300	366	433	11	30	39	55	67
Non-Tracked	Total Non-Tracked Codes	2	9	16	26	39	1	8	11	21	36	0	1	1	4	9

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