



# 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 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.

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 1 ]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	0.3	0	0	0	1	0.1	0	0	0	1
	Excision	18.4	7	9	16	34	16.1	7	6	14	33	2.3	2	0	2	6
	Intro or Removal	0.2	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1
	Repair/Revision/Reconstruction	5.8	6	1	4	19	5.3	5	1	4	19	0.5	1	0	0	4
	Trauma	0.9	1	0	0	3	0.9	1	0	0	3	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.9	1	0	0	3	0.9	1	0	0	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	1.4	1	0	1	6	1.3	1	0	1	6	0.1	0	0	0	1
	Arthroscopy	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Other Procedures	0.3	1	0	0	2	0.2	1	0	0	2	0.1	0	0	0	2
	TOTAL-Shoulder	27.8	13	10	25	58	24.6	13	9	22	57	3.2	2	0	3	8
Humerus/Elbow	Incision	1.2	2	0	1	5	0.9	1	0	1	4	0.3	1	0	0	2
	Excision	12.6	6	3	10	24	10.9	6	2	10	23	1.7	1	0	2	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	3.1	2	0	3	10	2.8	2	0	2	10	0.3	1	0	0	3
	Trauma	5.8	5	0	5	21	5.7	5	0	5	21	0.1	0	0	0	1
	--Fracture and/or Dislocation	5.8	5	0	5	21	5.7	5	0	5	21	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	0.3	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	0.3	0	0	0	1	0.2	0	0	0	1	0.1	0	0	0	1
	TOTAL-Humerus/Elbow	23.3	12	5	20	51	20.8	11	4	17	49	2.4	2	0	3	7

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 2]		Programs in the Nation: 11					Residents in the Nation: 18										
		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	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0	
	Excision	9.9	5	3	8	20	8.7	5	3	7	16	1.2	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	0.7	1	0	0	4	0.4	1	0	0	4	0.2	1	0	0	3	
	Trauma	0.6	1	0	0	3	0.6	1	0	0	3	0.0	0	0	0	0	
	--Fracture and/or Dislocation	0.6	1	0	0	3	0.6	1	0	0	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	0.4	1	0	0	3	0.3	1	0	0	3	0.1	0	0	0	1	
	Amputation	0.5	1	0	0	3	0.5	1	0	0	3	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	0.0	0	0	0	0	
	TOTAL-Forearm/Wrist		12.3	6	4	10	26	10.7	6	4	9	22	1.6	2	0	1	6
Hand/Fingers	Incision	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0	
	Excision	7.7	8	0	6	27	6.7	7	0	5	23	0.9	1	0	0	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	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1	
	Trauma	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0	
	--Fracture and/or Dislocation	0.2	0	0	0	1	0.2	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	
	Amputation	1.9	2	0	2	7	1.9	2	0	2	7	0.1	0	0	0	1	
	Other Procedures	0.3	1	0	0	3	0.3	1	0	0	3	0.0	0	0	0	0	
	TOTAL-Hand/Fingers		10.6	10	0	8	33	9.4	9	0	8	32	1.1	2	0	1	5

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 3]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	4.3	5	0	2	15	4.1	4	0	2	14	0.2	0	0	0	1
	Excision	23.1	10	9	22	49	20.9	10	8	19	43	2.2	2	0	2	8
	Intro or Removal	1.2	1	0	1	4	1.2	1	0	1	4	0.1	0	0	0	1
	Repair/Revision/Reconstruction	27.1	20	6	21	79	26.2	20	6	20	79	0.9	1	0	1	3
	Trauma	5.8	4	0	5	17	5.5	4	0	5	16	0.3	1	0	0	2
	--Fracture and/or Dislocation	5.8	4	0	5	17	5.4	4	0	5	16	0.3	1	0	0	2
	--Manipulation	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Arthrodesis	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	0
	Amputation	2.5	3	0	2	13	2.2	3	0	2	12	0.3	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	1.5	2	0	1	9	1.2	2	0	1	6	0.3	1	0	0	3
	TOTAL-Pelvis/Hip	65.7	30	35	54	134	61.3	29	28	51	130	4.3	4	0	3	13
	Femur/Knee	Incision	4.1	4	0	3	13	3.4	3	0	3	11	0.7	1	0	0
Excision		64.6	22	30	64	114	56.7	21	25	56	106	7.9	4	2	7	17
Intro or Removal		0.5	1	0	0	3	0.4	1	0	0	3	0.1	0	0	0	1
Repair/Revision/Reconstruction		27.7	23	10	23	113	23.8	23	8	17	112	3.9	2	1	3	9
Trauma		9.3	6	0	8	25	8.1	6	0	7	21	1.2	1	0	1	4
--Fracture and/or Dislocation		7.7	6	0	6	24	6.9	6	0	5	20	0.8	1	0	0	4
--Manipulation		1.6	3	0	1	13	1.2	3	0	0	13	0.4	1	0	0	3
Arthrodesis		0.3	0	0	0	1	0.2	0	0	0	1	0.1	0	0	0	1
Amputation		2.4	2	0	3	9	2.1	2	0	2	6	0.4	1	0	0	3
Arthroscopy		2.2	4	0	0	17	2.0	4	0	0	17	0.2	0	0	0	1
Other Procedures		1.9	3	0	1	10	0.8	1	0	0	6	1.1	1	0	1	4
TOTAL-Femur/Knee		112.9	41	47	99	221	97.6	41	40	85	208	15.4	6	7	15	31

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 4]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	1.3	2	0	1	7	1.3	2	0	1	7	0.0	0	0	0	0
	Excision	20.4	6	7	22	28	15.4	5	3	16	25	5.0	4	0	5	10
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	2.2	2	0	2	6	1.8	2	0	2	6	0.4	1	0	0	3
	Trauma	1.9	2	0	2	6	1.6	2	0	2	5	0.3	1	0	0	2
	--Fracture and/or Dislocation	1.9	2	0	2	6	1.6	2	0	2	5	0.3	1	0	0	2
	--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	3.0	4	0	2	18	2.8	4	0	2	18	0.2	1	0	0	2
	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	0.6	1	0	0	3	0.1	0	0	0	2
	TOTAL-Leg/Ankle	29.6	11	11	32	46	23.6	9	6	23	37	6.1	4	0	6	14
Foot/Toes	Incision	0.4	1	0	0	2	0.3	1	0	0	2	0.1	0	0	0	1
	Excision	6.7	4	2	6	16	4.8	3	1	4	12	1.9	2	0	2	7
	Intro or Removal	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Repair/Revision/Reconstruction	0.6	1	0	0	3	0.4	1	0	0	3	0.2	1	0	0	2
	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	0.2	1	0	0	2	0.2	1	0	0	2	0.1	0	0	0	1
	Amputation	1.7	5	0	0	23	1.7	5	0	0	23	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-Foot/Toes	9.8	7	2	8	30	7.6	6	2	7	26	2.2	2	0	2	7

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 5 ]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Excision	29.3	22	2	29	91	24.0	18	2	21	74	5.3	5	0	6	17
	Intro or Removal	5.7	3	0	6	11	4.7	3	0	5	9	1.0	1	0	1	4
	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	5.2	10	0	2	35	3.9	8	0	2	27	1.3	2	0	1	10
	TOTAL-Other Musclskel	40.4	29	4	35	99	32.8	23	3	28	82	7.6	7	0	7	25
Subtotal - Musculoskeletal	SUBTOTAL	332.3	125	136	295	569	288.4	118	124	260	500	43.9	19	12	44	87
Spine	Excision	3.0	5	0	1	20	2.8	5	0	1	19	0.2	0	0	0	1
	Osteotomy	0.2	1	0	0	3	0.2	1	0	0	3	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
	Decompression	4.3	6	0	2	24	3.9	6	0	2	24	0.4	1	0	0	5
	Arthrodesis/Anterior	0.4	1	0	0	5	0.4	1	0	0	5	0.1	0	0	0	1
	Arthrodesis/Posterior	1.3	3	0	0	12	1.1	3	0	0	12	0.2	1	0	0	3
	Arthrodesis/Deformity	0.2	1	0	0	3	0.2	1	0	0	3	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	2.7	4	0	1	16	2.5	4	0	1	16	0.2	1	0	0	2
	Other Procedures	0.5	1	0	0	4	0.5	1	0	0	4	0.0	0	0	0	0
TOTAL-Spine	12.6	16	0	8	52	11.6	16	0	6	52	1.0	2	0	0	9	

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 6 ]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	8.6	7	0	8	25	7.7	6	0	7	22	0.9	1	0	0	4
	Repair (Closure)	3.5	5	0	1	19	3.2	5	0	1	17	0.3	1	0	0	3
	Skin Grafts	2.4	3	0	1	12	2.2	3	0	1	11	0.3	1	0	0	3
	Flaps	5.0	8	0	2	32	4.6	8	0	2	30	0.4	1	0	0	2
	Other Procedures	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	TOTAL-Integumentary		19.7	17	2	14	62	17.8	16	2	11	59	1.9	2	0	2
Nervous System	Incision/Excision	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Neuroplasty	11.7	14	0	7	44	10.9	13	0	7	42	0.8	3	0	0	11
	Transection or Avulsion	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Neurorrhaphy	0.2	0	0	0	1	0.2	0	0	0	1	0.1	0	0	0	1
	Carpal Tunnel	0.3	1	0	0	2	0.3	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		12.4	14	0	8	44	11.6	13	0	8	42	0.8	3	0	0
Miscellaneous	Miscellaneous	24.1	28	0	13	88	21.2	26	0	9	86	2.9	5	0	0	19
Oncology Cases	TOTAL-Oncology Cases	315.2	144	144	282	643	273.4	132	105	239	587	41.8	24	15	42	117
Microsurgeries	TOTAL-Microsurgeries	7.6	24	0	0	103	6.9	22	0	0	92	0.7	3	0	0	11
Trauma Cases	TOTAL-Trauma	24.6	15	2	20	63	22.6	14	2	20	58	1.9	2	0	2	7
Total of all procs	TOTAL-Procedures	401.1	164	169	360	732	350.6	155	148	298	688	50.5	24	17	44	120

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 1]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	1
	Excision	9	14	16	22	30	7	12	14	20	25	1	1	2	3	5
	Intro or Removal	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Repair/Revision/Reconstruction	2	3	4	5	19	1	3	4	4	18	0	0	0	0	3
	Trauma	0	0	0	1	3	0	0	0	1	3	0	0	0	0	0
	--Fracture and/or Dislocation	0	0	0	1	3	0	0	0	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	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	1	1	2	3	0	0	1	2	3	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	2	0	0	0	0	1	0	0	0	0	0
	TOTAL-Shoulder		14	20	25	32	53	10	18	22	29	45	1	2	3	4
Humerus/Elbow	Incision	0	0	1	2	4	0	0	1	1	3	0	0	0	0	1
	Excision	4	10	10	14	23	3	8	10	12	21	0	1	2	2	3
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	0	2	3	4	6	0	1	2	4	5	0	0	0	0	1
	Trauma	0	3	5	6	16	0	2	5	6	16	0	0	0	0	1
	--Fracture and/or Dislocation	0	3	5	6	16	0	2	5	6	16	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	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	1	0	0	0	0	0
	TOTAL-Humerus/Elbow		11	17	20	26	42	9	14	17	23	40	0	1	3	3



# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 2]		Programs in the Nation: 11					Residents in the Nation: 18										
		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	4	6	8	13	19	3	6	7	12	16	0	0	1	1	4	
	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	3	0	0	0	0	3	0	0	0	0	1	
	Trauma	0	0	0	1	2	0	0	0	1	2	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	1	1	0	0	0	0	1	0	0	0	0	1	
	Amputation	0	0	0	1	1	0	0	0	1	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		5	8	10	14	22	4	7	9	14	20	0	0	1	2	5
Hand/Fingers	Incision	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
	Excision	0	3	6	8	24	0	3	5	8	23	0	0	0	1	4	
	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	1	
	Trauma	0	0	0	0	1	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	
	Amputation	0	1	2	3	4	0	1	2	3	4	0	0	0	0	0	
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
	TOTAL-Hand/Fingers		0	4	8	13	31	0	4	8	13	26	0	0	1	1	5

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 3]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	6	13	0	1	2	5	13	0	0	0	0	1
	Excision	10	18	22	27	40	9	15	19	25	38	0	1	2	2	6
	Intro or Removal	0	0	1	2	4	0	0	1	1	4	0	0	0	0	0
	Repair/Revision/Reconstruction	12	15	21	27	64	9	14	20	25	63	0	0	1	1	2
	Trauma	1	3	5	6	13	1	3	5	6	11	0	0	0	0	1
	--Fracture and/or Dislocation	1	3	5	6	13	1	3	5	6	11	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	1	2	3	4	0	1	2	3	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	1	2	6	0	0	1	1	6	0	0	0	0	1
	TOTAL-Pelvis/Hip		39	47	54	68	116	30	45	51	61	107	1	2	3	7
Femur/Knee	Incision	0	1	3	5	12	0	1	3	4	9	0	0	0	1	3
	Excision	34	58	64	74	95	27	49	56	68	85	3	5	7	10	14
	Intro or Removal	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	Repair/Revision/Reconstruction	14	18	23	24	39	11	15	17	21	34	2	3	3	4	7
	Trauma	3	5	8	11	19	3	5	7	9	18	0	0	1	2	4
	--Fracture and/or Dislocation	1	4	6	9	18	1	3	5	9	17	0	0	0	1	3
	--Manipulation	0	0	1	1	4	0	0	0	1	3	0	0	0	0	1
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
	Amputation	0	1	3	3	4	0	1	2	3	4	0	0	0	0	1
	Arthroscopy	0	0	0	1	7	0	0	0	1	7	0	0	0	0	1
	Other Procedures	0	0	1	2	5	0	0	0	1	2	0	0	1	1	4
	TOTAL-Femur/Knee		51	93	99	134	167	40	78	85	116	155	8	12	15	18

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 4]		Programs in the Nation: 11					Residents in the Nation: 18										
		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	2	3	0	0	1	2	3	0	0	0	0	0	
	Excision	9	17	22	25	27	7	14	16	18	22	0	2	5	6	10	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	0	1	2	3	5	0	1	2	2	4	0	0	0	0	2	
	Trauma	0	0	2	3	5	0	0	2	2	4	0	0	0	0	2	
	--Fracture and/or Dislocation	0	0	2	3	5	0	0	2	2	4	0	0	0	0	2	
	--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	1	2	3	6	0	1	2	3	6	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	1	3	0	0	0	1	2	0	0	0	0	0	
	TOTAL-Leg/Ankle		12	23	32	37	43	10	20	23	30	36	0	3	6	8	12
	Foot/Toes	Incision	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
Excision		2	4	6	7	15	2	3	4	6	9	0	1	2	2	4	
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	2	0	0	0	0	2	0	0	0	0	1	
Trauma		0	0	0	0	1	0	0	0	0	1	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	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	7	8	11	18	2	4	7	8	15	0	1	2	3	4

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 5]		Programs in the Nation: 11 Residents in the Nation: 18															
		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	4	16	29	30	55	4	15	21	28	43	0	2	6	7	12	
	Intro or Removal	1	4	6	7	9	1	3	5	7	8	0	0	1	1	3	
	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	2	2	31	0	0	2	2	25	0	0	1	1	4	
	TOTAL-Other Musckel	7	25	35	40	99	6	21	28	37	74	1	2	7	11	17	
Subtotal - Musculoskeletal	SUBTOTAL	166	270	295	377	548	126	223	260	329	493	22	36	44	51	76	
Spine	Excision	0	0	1	2	11	0	0	1	2	11	0	0	0	0	1	
	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	2	6	11	0	0	2	4	10	0	0	0	0	1	
	Arthrodesis/Anterior	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	
	Arthrodesis/Posterior	0	0	0	1	3	0	0	0	0	3	0	0	0	0	0	
	Arthrodesis/Deformity	0	0	0	0	1	0	0	0	0	1	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	3	9	0	0	1	3	9	0	0	0	0	1	
	Other Procedures	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	
TOTAL-Spine	0	1	8	12	48	0	1	6	11	48	0	0	0	1	5		

# MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: October 7, 2013

[PART 6 ]		Programs in the Nation: 11					Residents in the Nation: 18									
		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	2	4	8	12	17	1	4	7	11	17	0	0	0	1	3
	Repair (Closure)	0	0	1	3	13	0	0	1	3	13	0	0	0	0	2
	Skin Grafts	0	0	1	3	7	0	0	1	2	6	0	0	0	0	1
	Flaps	0	0	2	5	19	0	0	2	4	17	0	0	0	0	2
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	TOTAL-Integumentary		3	8	14	27	45	3	6	11	25	42	0	0	2	3
Nervous System	Incision/Excision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Neuroplasty	0	1	7	16	43	0	1	7	16	33	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	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	2	8	16	43	0	1	8	16	33	0	0	0	0
Miscellaneous	Miscellaneous	0	6	13	22	72	0	5	9	18	69	0	0	0	3	10
Oncology Cases	TOTAL-Oncology Cases	148	212	282	357	527	129	174	239	323	483	15	32	42	44	67
Microsurgeries	TOTAL-Microsurgeries	0	0	0	2	18	0	0	0	2	18	0	0	0	0	2
Trauma Cases	TOTAL-Trauma	8	18	20	26	55	7	17	20	22	51	0	0	2	3	5
Total of all procs	TOTAL-Procedures	192	289	360	475	645	152	267	298	429	587	22	36	44	59	79