



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 2014-2015
Residency Review Committee for Orthopaedic Surgery
Report Date: October 1, 2015

[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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Excision	16.3	8	8	14	36	14.9	8	8	13	34	1.3	1	0	2	5
	Intro or Removal	0.1	1	0	0	2	0.1	1	0	0	2	0.0	0	0	0	0
	Repair/Revision/Reconstruction	4.5	4	0	4	13	4.1	4	0	3	13	0.4	1	0	0	2
	Trauma	1.1	1	0	1	4	1.1	1	0	1	4	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.9	1	0	1	4	0.9	1	0	1	4	0.0	0	0	0	0
	--Manipulation	0.2	1	0	0	2	0.2	1	0	0	2	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	3	1.2	1	0	1	3	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	0.3	1	0	0	2	0.3	1	0	0	2	0.0	0	0	0	0
	TOTAL-Shoulder		23.8	12	12	20	51	22.0	11	11	19	47	1.8	2	0	2
Humerus/Elbow	Incision	0.3	1	0	0	2	0.3	1	0	0	2	0.0	0	0	0	0
	Excision	10.1	5	2	9	19	9.2	4	2	9	19	0.9	2	0	0	7
	Intro or Removal	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0
	Repair/Revision/Reconstruction	3.6	3	0	2	9	3.3	3	0	2	9	0.3	1	0	0	2
	Trauma	3.9	3	1	3	13	3.8	3	1	3	11	0.1	1	0	0	2
	--Fracture and/or Dislocation	3.9	3	1	3	13	3.8	3	1	3	11	0.1	1	0	0	2
	--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	0.7	1	0	0	2	0.7	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	0.7	2	0	0	6	0.6	2	0	0	6	0.1	0	0	0	1
	TOTAL-Humerus/Elbow		19.5	7	6	19	32	18.1	6	6	18	28	1.3	3	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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0	
	Excision	7.3	4	2	6	17	6.9	4	2	6	16	0.4	1	0	0	1	
	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	2	0	0	5	0.9	2	0	0	5	0.0	0	0	0	0	
	Trauma	1.0	1	0	0	3	1.0	1	0	0	3	0.0	0	0	0	0	
	--Fracture and/or Dislocation	1.0	1	0	0	3	1.0	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	1	0	0	2	0.1	1	0	0	2	0.0	0	0	0	0	
	Amputation	0.4	1	0	0	2	0.4	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	
	TOTAL-Forearm/Wrist		9.8	5	3	8	21	9.4	5	3	8	20	0.4	1	0	0	1
Hand/Fingers	Incision	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0	
	Excision	5.8	5	0	5	18	5.3	4	0	5	16	0.5	1	0	0	2	
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	
	Repair/Revision/Reconstruction	0.5	1	0	0	3	0.5	1	0	0	3	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	
	Amputation	1.3	1	0	1	4	1.3	1	0	1	4	0.0	0	0	0	0	
	Other Procedures	0.2	1	0	0	2	0.2	1	0	0	2	0.0	0	0	0	0	
	TOTAL-Hand/Fingers		7.9	7	0	7	24	7.4	6	0	6	22	0.5	1	0	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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	1.8	1	0	2	3	1.7	1	0	2	3	0.1	0	0	0	1
	Excision	20.5	10	6	18	42	19.8	10	6	17	42	0.7	1	0	0	3
	Intro or Removal	1.1	3	0	0	9	1.1	3	0	0	9	0.0	0	0	0	0
	Repair/Revision/Reconstruction	23.3	11	7	22	42	22.7	11	6	21	42	0.7	1	0	0	3
	Trauma	6.0	5	0	5	17	5.6	5	0	5	15	0.4	1	0	0	2
	--Fracture and/or Dislocation	5.9	5	0	5	17	5.5	5	0	5	15	0.4	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	1	0	0	2	0.1	1	0	0	2	0.0	0	0	0	0
	Amputation	2.5	2	0	2	6	2.3	2	0	2	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	0.7	1	0	0	4	0.7	1	0	0	4	0.0	0	0	0	0
	TOTAL-Pelvis/Hip	56.0	18	34	52	89	54.1	18	32	51	84	1.9	2	0	1	5
	Femur/Knee	Incision	4.1	5	0	2	13	3.6	4	0	1	13	0.5	1	0	0
Excision		53.7	11	35	54	68	47.7	10	31	49	65	6.0	6	0	4	20
Intro or Removal		0.9	2	0	0	7	0.9	2	0	0	7	0.0	0	0	0	0
Repair/Revision/Reconstruction		30.1	10	15	30	57	25.9	11	13	24	57	4.2	4	0	3	16
Trauma		7.2	7	1	4	24	6.3	6	0	3	23	0.9	1	0	0	4
--Fracture and/or Dislocation		6.1	6	1	3	22	5.5	6	0	3	22	0.6	1	0	0	3
--Manipulation		1.1	1	0	1	3	0.8	1	0	0	3	0.3	0	0	0	1
Arthrodesis		0.2	1	0	0	2	0.1	0	0	0	1	0.1	0	0	0	1
Amputation		2.3	2	0	2	7	2.1	2	0	2	6	0.2	0	0	0	1
Arthroscopy		0.5	1	0	0	3	0.5	1	0	0	3	0.0	0	0	0	0
Other Procedures		1.5	3	0	0	10	1.1	3	0	0	10	0.4	1	0	0	2
TOTAL-Femur/Knee		100.5	22	57	101	137	88.3	20	51	91	116	12.2	12	0	9	45

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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	0.4	1	0	0	2	0.4	1	0	0	2	0.0	0	0	0	0
	Excision	19.3	7	6	20	29	15.8	5	6	16	27	3.5	3	0	3	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	2.7	3	0	2	9	1.9	2	0	2	5	0.8	1	0	0	4
	Trauma	2.9	3	0	3	8	2.5	2	0	2	7	0.3	1	0	0	2
	--Fracture and/or Dislocation	2.9	3	0	3	8	2.5	2	0	2	7	0.3	1	0	0	2
	--Manipulation	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis	0.3	1	0	0	2	0.1	0	0	0	1	0.1	1	0	0	2
	Amputation	1.4	1	0	1	4	1.3	1	0	1	4	0.1	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	0.5	1	0	0	5	0.5	1	0	0	5	0.0	0	0	0	0
	TOTAL-Leg/Ankle	27.5	9	9	27	39	22.6	6	9	23	35	4.9	5	0	4	12
Foot/Toes	Incision	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Excision	5.7	4	0	5	14	5.1	4	0	5	14	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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Trauma	0.3	1	0	0	2	0.2	0	0	0	1	0.1	0	0	0	1
	--Fracture and/or Dislocation	0.3	1	0	0	2	0.2	0	0	0	1	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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Amputation	0.5	1	0	0	2	0.4	1	0	0	2	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	6.8	4	0	7	15	6.1	4	0	6	14	0.7	2	0	0	6

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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	0.2	0	0	0	1	0.2	0	0	0	1	0.0	0	0	0	0
	Excision	19.8	19	2	7	60	17.6	17	2	7	59	2.2	3	0	1	11
	Intro or Removal	4.7	5	0	3	14	4.4	5	0	3	13	0.3	1	0	0	2
	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	5.5	13	0	0	42	4.8	11	0	0	37	0.7	1	0	0	5
	TOTAL-Other Musclskel	30.2	28	4	14	92	27.0	25	4	12	81	3.2	4	0	1	15
Spine	Excision	0.9	1	0	0	3	0.9	1	0	0	3	0.0	0	0	0	0
	Osteotomy	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
	Decompression	3.7	8	0	1	30	3.7	8	0	0	30	0.1	0	0	0	1
	Arthrodesis/Anterior	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Arthrodesis/Posterior	0.5	1	0	0	4	0.5	1	0	0	4	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	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	Instrumentation	0.9	2	0	0	6	0.9	2	0	0	6	0.1	0	0	0	1
	Other Procedures	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	TOTAL-Spine	6.2	9	0	3	32	6.0	9	0	3	32	0.2	1	0	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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	8.1	14	0	3	54	7.9	14	0	3	54	0.2	1	0	0	2
	Repair (Closure)	1.3	2	0	0	7	1.1	2	0	0	7	0.2	1	0	0	3
	Skin Grafts	1.9	3	0	1	10	1.7	3	0	0	10	0.1	0	0	0	1
	Flaps	3.4	5	0	2	19	3.1	5	0	2	18	0.3	0	0	0	1
	Other Procedures	0.1	0	0	0	1	0.0	0	0	0	0	0.1	0	0	0	1
	TOTAL-Integumentary		14.7	15	0	8	54	13.8	15	0	7	54	0.9	1	0	0
Nervous System	Incision/Excision	1.1	2	0	0	8	1.1	2	0	0	8	0.0	0	0	0	0
	Neuroplasty	5.9	8	0	4	26	5.4	7	0	4	23	0.5	1	0	0	3
	Transection or Avulsion	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Neurorrhaphy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Carpal Tunnel	0.1	0	0	0	1	0.1	0	0	0	1	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-Nervous System		7.3	9	0	4	26	6.7	8	0	4	23	0.5	1	0	0
Oncology Cases	TOTAL-Oncology Cases	233.1	99	20	249	401	210.1	87	20	225	357	22.9	23	0	16	80
Microsurgeries	TOTAL-Microsurgeries	4.1	6	0	2	18	3.4	5	0	0	18	0.7	2	0	0	6
Trauma Cases	TOTAL-Trauma	22.4	15	5	19	60	20.6	14	5	16	53	1.8	2	0	1	7
Total of all procs	TOTAL-Procedures	310.3	82	185	290	479	281.5	71	185	253	415	28.7	24	0	19	80

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 2014-2015
Residency Review Committee for Orthopaedic Surgery
Report Date: October 1, 2015

[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	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	8	13	14	16	33	8	9	13	16	31	0	0	2	2	2
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revision/Reconstruction	1	2	4	4	11	1	2	3	4	9	0	0	0	0	2
	Trauma	0	0	1	2	2	0	0	1	2	2	0	0	0	0	0
	--Fracture and/or Dislocation	0	0	1	1	2	0	0	1	1	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	1	1	2	2	0	1	1	2	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	2	0	0	0	0	2	0	0	0	0	0
TOTAL-Shoulder		14	17	20	24	48	12	16	19	24	46	0	0	2	2	4
Humerus/Elbow	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	5	7	9	13	16	5	7	9	9	15	0	0	0	1	2
	Intro or Removal	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Repair/Revision/Reconstruction	0	2	2	5	7	0	2	2	5	7	0	0	0	0	1
	Trauma	1	2	3	5	8	1	2	3	5	8	0	0	0	0	0
	--Fracture and/or Dislocation	1	2	3	5	8	1	2	3	5	8	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	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	1	1	0	0	0	0	1	0	0	0	0	0
TOTAL-Humerus/Elbow		13	16	19	23	28	13	15	18	21	26	0	0	0	1	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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	0	0	0	0	0	0	0	0	0	0	0	
	Excision	3	4	6	9	13	2	4	6	9	12	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	1	3	0	0	0	1	3	0	0	0	0	0	
	Trauma	0	0	0	2	3	0	0	0	2	3	0	0	0	0	0	
	–Fracture and/or Dislocation	0	0	0	2	3	0	0	0	2	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	2	0	0	0	0	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-Forearm/Wrist		4	6	8	11	18	4	6	8	11	18	0	0	0	1	1
Hand/Fingers	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
	Excision	0	3	5	6	14	0	3	5	6	13	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	2	0	0	0	0	2	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	0	1	2	4	0	0	1	2	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		2	4	7	10	20	1	3	6	9	19	0	0	0	1	2

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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	1	2	3	3	0	1	2	3	3	0	0	0	0	0	
	Excision	8	13	18	25	33	8	13	17	23	33	0	0	0	1	2	
	Intro or Removal	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	
	Repair/Revision/Reconstruction	10	16	22	28	40	10	16	21	28	37	0	0	0	1	3	
	Trauma	1	4	5	6	14	0	2	5	6	14	0	0	0	0	2	
	--Fracture and/or Dislocation	1	4	5	6	14	0	2	5	6	14	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	4	5	0	1	2	3	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	1	2	0	0	0	1	2	0	0	0	0	0	
	TOTAL-Pelvis/Hip		37	42	52	63	85	33	42	51	63	84	0	0	1	3	5
	Femur/Knee	Incision	0	1	2	5	12	0	1	1	5	12	0	0	0	0	1
Excision		38	50	54	63	68	34	39	49	56	59	0	2	4	9	13	
Intro or Removal		0	0	0	1	2	0	0	0	1	2	0	0	0	0	0	
Repair/Revision/Reconstruction		20	26	30	32	42	14	20	24	29	35	0	1	3	5	10	
Trauma		2	3	4	8	21	2	3	3	7	19	0	0	0	1	3	
--Fracture and/or Dislocation		1	3	3	7	18	1	3	3	5	16	0	0	0	1	2	
--Manipulation		0	0	1	2	3	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	0	
Amputation		1	1	2	3	4	0	1	2	3	4	0	0	0	0	1	
Arthroscopy		0	0	0	1	2	0	0	0	1	2	0	0	0	0	0	
Other Procedures		0	0	0	2	3	0	0	0	1	2	0	0	0	1	1	
TOTAL-Femur/Knee			64	94	101	112	129	64	77	91	100	114	0	5	9	18	23

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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	0	1	1	0	0	0	1	1	0	0	0	0	0	
	Excision	7	17	20	22	28	7	14	16	17	22	0	1	3	5	8	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/Revision/Reconstruction	1	1	2	3	7	0	1	2	2	5	0	0	0	1	2	
	Trauma	0	1	3	5	6	0	1	2	4	5	0	0	0	0	1	
	--Fracture and/or Dislocation	0	1	3	5	6	0	1	2	4	5	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	2	3	0	1	1	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	2	0	0	0	0	2	0	0	0	0	0	
	TOTAL-Leg/Ankle		13	24	27	33	39	13	20	23	25	30	0	1	4	10	11
	Foot/Toes	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
Excision		0	4	5	7	13	0	3	5	7	10	0	0	0	0	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	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	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-Foot/Toes			0	5	7	8	14	0	5	6	8	11	0	0	0	0	2

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	3	5	7	32	44	3	5	7	27	38	0	0	1	3	6
	Intro or Removal	0	1	3	7	12	0	1	3	7	12	0	0	0	0	1
	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	0	0	2	29	0	0	0	2	27	0	0	0	1	2
	TOTAL-Other Musclskel		7	10	14	51	72	7	10	12	45	60	0	0	1	4
Spine	Excision	0	0	0	2	3	0	0	0	2	3	0	0	0	0	0
	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	1	3	10	0	0	0	3	10	0	0	0	0	0
	Arthrodesis/Anterior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis/Posterior	0	0	0	0	2	0	0	0	0	2	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	1	3	0	0	0	1	2	0	0	0	0	0
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Spine		0	0	3	9	16	0	0	3	9	16	0	0	0	0

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 2014-2015

Residency Review Committee for Orthopaedic Surgery

Report Date: October 1, 2015

[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	0	0	3	8	24	0	0	3	8	22	0	0	0	0	1
	Repair (Closure)	0	0	0	1	6	0	0	0	1	6	0	0	0	0	0
	Skin Grafts	0	0	1	1	9	0	0	0	1	9	0	0	0	0	1
	Flaps	0	0	2	3	10	0	0	2	3	10	0	0	0	1	1
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Integumentary		1	3	8	22	33	1	3	7	22	32	0	0	0	1
Nervous System	Incision/Excision	0	0	0	2	2	0	0	0	2	2	0	0	0	0	0
	Neuroplasty	0	0	4	6	17	0	0	4	6	17	0	0	0	0	2
	Transection or Avulsion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neurorrhaphy	0	0	0	0	0	0	0	0	0	0	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	0	4	12	20	0	0	4	10	20	0	0	0	0
Oncology Cases	TOTAL-Oncology Cases	118	166	249	269	368	114	163	225	251	323	1	5	16	38	45
Microsurgeries	TOTAL-Microsurgeries	0	0	2	5	14	0	0	0	4	11	0	0	0	0	3
Trauma Cases	TOTAL-Trauma	9	16	19	22	55	9	15	16	19	51	0	0	1	2	6
Total of all procs	TOTAL-Procedures	240	261	290	358	463	193	239	253	322	407	1	16	19	44	64

Statistics are based upon all procedures logged by residents.