



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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 1]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	0.3	0	0	0	1	0.3	0	0	0	1	0.0	0	0	0	0
	Excision	15.8	6	4	17	27	14.4	6	4	15	25	1.4	2	0	1	6
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	5.2	5	0	5	16	4.6	5	0	4	16	0.6	1	0	0	3
	Trauma	1.1	1	0	1	4	1.1	1	0	1	4	0.1	0	0	0	1
	--Fracture and/or Dislocation	1.1	1	0	1	4	1.1	1	0	1	4	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	1.3	1	0	1	4	1.1	1	0	1	4	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	0.6	1	0	0	5	0.6	1	0	0	5	0.0	0	0	0	0
	TOTAL-Shoulder	24.4	11	7	23	47	22.1	10	5	21	46	2.3	3	0	2	11
Humerus/Elbow	Incision	0.4	1	0	0	2	0.3	1	0	0	2	0.1	0	0	0	1
	Excision	15.1	7	6	13	28	13.6	6	4	13	26	1.5	2	0	1	7
	Intro or Removal	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Repair/Revision/Reconstruction	3.4	3	0	3	11	3.1	3	0	3	10	0.3	0	0	0	1
	Trauma	5.6	4	1	5	18	5.4	4	1	5	18	0.1	0	0	0	1
	--Fracture and/or Dislocation	5.6	4	1	5	18	5.4	4	1	5	18	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	0.7	2	0	0	5	0.7	2	0	0	5	0.0	0	0	0	0
	TOTAL-Humerus/Elbow	25.6	10	9	26	41	23.6	9	7	23	36	2.0	2	0	2	7

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 2]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	9.5	6	4	8	21	7.6	5	2	6	17	1.9	2	0	2	4
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	1.3	3	0	0	12	1.0	2	0	0	8	0.3	1	0	0	4
	Trauma	0.6	1	0	0	4	0.6	1	0	0	4	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.6	1	0	0	4	0.6	1	0	0	4	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	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
		TOTAL-Forearm/Wrist	11.9	8	5	9	32	9.8	6	4	8	25	2.1	2	0	2
Hand/Fingers	Incision	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Excision	5.6	7	1	3	22	5.0	6	0	3	21	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	0.2	0	0	0	1	0.2	0	0	0	1	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
	--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	3	1.2	1	0	1	3	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-Hand/Fingers	7.4	8	1	5	26	6.6	7	0	5	24	0.8	1	0	0	5

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 3]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	3.4	2	0	4	7	3.4	2	0	4	7	0.1	0	0	0	1
	Excision	20.8	10	8	20	45	19.1	10	7	18	43	1.7	2	0	2	4
	Intro or Removal	1.4	2	0	1	6	1.2	2	0	1	5	0.1	0	0	0	1
	Repair/Revision/Reconstruction	26.9	18	8	23	62	25.6	17	8	22	56	1.3	2	0	1	7
	Trauma	6.9	7	0	6	23	6.6	7	0	6	21	0.3	1	0	0	2
	--Fracture and/or Dislocation	6.6	7	0	5	22	6.4	7	0	5	20	0.3	1	0	0	2
	--Manipulation	0.3	0	0	0	1	0.3	0	0	0	1	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	4.0	2	1	4	9	3.7	3	1	4	9	0.3	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	1.9	4	0	0	15	1.6	3	0	0	12	0.3	1	0	0	3
	TOTAL-Pelvis/Hip	65.5	34	24	57	136	61.4	32	24	52	126	4.1	3	0	4	10
	Femur/Knee	Incision	2.4	3	0	2	13	2.1	3	0	1	13	0.3	1	0	0
Excision		59.8	22	34	55	106	51.8	18	34	47	94	8.0	6	0	8	18
Intro or Removal		0.4	1	0	0	2	0.4	1	0	0	2	0.1	0	0	0	1
Repair/Revision/Reconstruction		30.5	11	7	33	47	25.4	10	7	25	46	5.1	4	0	5	16
Trauma		6.1	3	2	6	13	5.0	3	0	5	11	1.1	2	0	1	5
--Fracture and/or Dislocation		5.2	3	2	5	10	4.5	3	0	4	10	0.7	1	0	0	3
--Manipulation		0.9	1	0	0	3	0.5	1	0	0	2	0.4	1	0	0	2
Arthrodesis		0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
Amputation		3.6	3	0	4	11	2.8	3	0	2	10	0.9	1	0	1	3
Arthroscopy		0.9	1	0	1	3	0.9	1	0	1	3	0.1	0	0	0	1
Other Procedures		2.4	6	0	0	18	1.8	4	0	0	12	0.6	2	0	0	7
TOTAL-Femur/Knee		106.4	26	68	105	155	90.1	23	57	86	134	16.2	9	3	15	32

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 4]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	24.7	10	10	25	41	17.9	7	8	19	31	6.9	5	0	7	20
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	2.6	2	0	2	9	2.1	2	0	2	7	0.4	1	0	0	2
	Trauma	3.0	2	0	3	6	2.7	2	0	3	6	0.3	0	0	0	1
	--Fracture and/or Dislocation	2.8	2	0	3	6	2.5	2	0	3	6	0.3	0	0	0	1
	--Manipulation	0.2	0	0	0	1	0.2	0	0	0	1	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	3.1	3	0	3	9	2.4	3	0	2	9	0.6	1	0	0	3
	Arthroscopy	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Other Procedures	1.1	2	0	0	7	0.7	1	0	0	4	0.4	1	0	0	3
	TOTAL-Leg/Ankle	34.9	11	19	39	51	26.3	9	12	28	39	8.6	6	0	9	22
Foot/Toes	Incision	0.6	1	0	0	2	0.3	0	0	0	1	0.3	1	0	0	2
	Excision	7.6	5	2	7	18	5.9	3	0	6	13	1.7	2	0	1	8
	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	4	0.5	1	0	0	4	0.0	0	0	0	0
	Trauma	0.6	1	0	1	2	0.6	1	0	1	2	0.1	0	0	0	1
	--Fracture and/or Dislocation	0.6	1	0	1	2	0.6	1	0	1	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	0.2	0	0	0	1	0.1	0	0	0	1	0.1	0	0	0	1
	Amputation	2.0	3	0	1	9	1.9	3	0	1	9	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	0.4	1	0	0	3	0.3	1	0	0	3	0.1	0	0	0	1
	TOTAL-Foot/Toes	11.9	7	3	10	24	9.6	5	1	9	19	2.4	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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 5]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	0.3	1	0	0	2	0.3	1	0	0	2	0.0	0	0	0	0
	Excision	32.2	28	2	30	108	26.1	21	2	25	86	6.1	7	0	4	22
	Intro or Removal	7.7	5	3	7	16	5.9	3	2	5	13	1.8	3	0	1	11
	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	6.4	11	0	2	39	4.6	9	0	1	29	1.9	3	0	1	10
	TOTAL-Other Musclskel	46.6	32	13	41	126	36.9	26	12	32	100	9.7	8	0	10	26
Spine	Excision	2.6	5	0	1	20	2.6	5	0	1	20	0.1	0	0	0	1
	Osteotomy	0.3	1	0	0	3	0.3	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	5.3	7	0	2	20	4.7	7	0	2	20	0.6	1	0	0	4
	Arthrodesis/Anterior	0.2	1	0	0	3	0.2	1	0	0	3	0.0	0	0	0	0
	Arthrodesis/Posterior	2.7	6	0	0	16	2.7	6	0	0	16	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	1.9	3	0	1	8	1.8	3	0	0	8	0.1	0	0	0	1
	Other Procedures	1.2	4	0	0	15	1.2	4	0	0	15	0.0	0	0	0	0
TOTAL-Spine	14.3	20	0	5	65	13.5	20	0	4	65	0.8	1	0	0	4	

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 6]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	9.3	6	0	10	22	8.3	6	0	9	22	1.0	2	0	0	6
	Repair (Closure)	2.4	5	0	0	16	2.2	4	0	0	14	0.2	1	0	0	2
	Skin Grafts	3.3	4	0	3	13	2.9	4	0	3	13	0.4	1	0	0	3
	Flaps	8.5	14	0	2	46	7.6	13	0	2	45	0.9	1	0	1	4
	Other Procedures	0.5	1	0	0	4	0.4	1	0	0	3	0.1	0	0	0	1
	TOTAL-Integumentary	24.0	21	2	18	66	21.4	20	2	16	64	2.6	4	0	2	13
Nervous System	Incision/Excision	0.8	2	0	0	7	0.8	2	0	0	7	0.0	0	0	0	0
	Neuroplasty	14.1	13	0	14	43	12.1	11	0	12	41	2.0	3	0	1	9
	Transection or Avulsion	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Neurorrhaphy	0.5	1	0	0	5	0.5	1	0	0	5	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Nervous System	15.5	16	0	14	56	13.5	14	0	12	54	2.0	3	0	1	9
Oncology Cases	TOTAL-Oncology Cases	307.9	122	147	291	519	269.9	111	125	247	479	37.9	20	10	37	85
Microsurgeries	TOTAL-Microsurgeries	4.8	11	0	0	43	3.6	10	0	0	36	1.1	2	0	0	7
Trauma Cases	TOTAL-Trauma	24.0	13	10	21	45	22.0	12	9	18	43	2.0	2	0	2	7
Total of all procs	TOTAL-Procedures	388.4	126	189	400	628	334.7	114	162	332	550	53.6	29	10	55	109

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 1]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	14	17	18	26	8	13	15	17	24	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	1	1	5	6	15	0	1	4	6	12	0	0	0	1	2
	Trauma	0	1	1	1	3	0	0	1	1	3	0	0	0	0	0
	--Fracture and/or Dislocation	0	1	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	1	1	2	2	0	0	1	2	2	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	2	0	0	0	0	2	0	0	0	0	0
	TOTAL-Shoulder		13	19	23	28	38	11	17	21	27	33	0	1	2	3
Humerus/Elbow	Incision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	9	11	13	19	26	7	10	13	17	21	0	1	1	2	3
	Intro or Removal	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Repair/Revision/Reconstruction	1	2	3	3	7	1	2	3	3	6	0	0	0	0	1
	Trauma	2	3	5	6	9	2	3	5	5	9	0	0	0	0	1
	--Fracture and/or Dislocation	2	3	5	6	9	2	3	5	5	9	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	3	0	0	0	0	3	0	0	0	0	0
	TOTAL-Humerus/Elbow		14	20	26	32	38	13	18	23	32	34	0	1	2	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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 2]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	8	9	19	3	4	6	8	16	0	1	2	3	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	0
	Trauma	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0
	--Fracture and/or Dislocation	0	0	0	1	1	0	0	0	1	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-Forearm/Wrist	6	8	9	11	22	5	6	8	9	19	0	1	2	3	4
Hand/Fingers	Incision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excision	1	2	3	4	21	1	1	3	4	16	0	0	0	0	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	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	1	1	3	3	0	0	1	2	3	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	2	4	5	6	24	1	3	5	6	19	0	0	0	1

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 3]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	2	4	5	6	0	2	4	5	6	0	0	0	0	0
	Excision	11	14	20	24	33	10	13	18	22	33	0	0	2	2	4
	Intro or Removal	0	0	1	1	5	0	0	1	1	5	0	0	0	0	1
	Repair/Revision/Reconstruction	10	15	23	25	56	9	14	22	24	55	0	0	1	1	3
	Trauma	0	2	6	8	22	0	2	6	8	20	0	0	0	0	2
	--Fracture and/or Dislocation	0	1	5	8	22	0	1	5	8	20	0	0	0	0	2
	--Manipulation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Arthrodesis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Amputation	1	2	4	5	7	1	2	4	5	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	7	0	0	0	1	6	0	0	0	0	1
	TOTAL-Pelvis/Hip		27	49	57	72	123	27	42	52	65	119	0	3	4	6
Femur/Knee	Incision	0	1	2	3	4	0	1	1	2	4	0	0	0	0	1
	Excision	37	47	55	65	104	36	42	47	50	88	1	5	8	10	16
	Intro or Removal	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0
	Repair/Revision/Reconstruction	15	26	33	37	41	12	23	25	30	41	0	3	5	6	11
	Trauma	2	5	6	7	11	2	3	5	6	10	0	0	1	1	3
	--Fracture and/or Dislocation	2	3	5	7	10	1	2	4	6	9	0	0	0	1	3
	--Manipulation	0	0	0	2	3	0	0	0	1	2	0	0	0	0	2
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	2	4	5	7	0	2	2	3	5	0	0	1	1	2
	Arthroscopy	0	0	1	1	2	0	0	1	1	2	0	0	0	0	0
	Other Procedures	0	0	0	1	13	0	0	0	0	11	0	0	0	0	1
	TOTAL-Femur/Knee		70	98	105	108	143	63	76	86	99	127	7	11	15	21

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 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 4]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	0	1	0	0	0	0	1	0	0	0	0	0
	Excision	14	19	25	30	38	9	16	19	19	26	1	4	7	9	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	0	2	3	5	0	0	0	0	2
	Trauma	0	3	3	4	5	0	2	3	4	5	0	0	0	0	1
	--Fracture and/or Dislocation	0	3	3	4	5	0	2	3	3	4	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	1	0	0	0	0	0	0	0	0	0	0
	Amputation	0	1	3	5	6	0	1	2	3	6	0	0	0	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	1	2	0	0	0	0	1
	TOTAL-Leg/Ankle		22	24	39	40	49	14	22	28	30	38	1	7	9	10
Foot/Toes	Incision	0	0	0	1	2	0	0	0	0	1	0	0	0	0	1
	Excision	3	5	7	8	14	3	4	6	8	10	0	0	1	2	6
	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	0
	Trauma	0	0	1	1	1	0	0	1	1	1	0	0	0	0	0
	--Fracture and/or Dislocation	0	0	1	1	1	0	0	1	1	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	1	1	7	0	0	1	1	7	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	1
	TOTAL-Foot/Toes		5	9	10	14	22	3	5	9	14	15	0	0	2	2

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 5]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	8	11	30	38	60	8	10	25	31	46	0	1	4	9	14
	Intro or Removal	3	4	7	9	16	3	4	5	7	11	0	0	1	2	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	5	24	0	1	1	2	21	0	0	1	2	5
TOTAL-Other Musclskel		14	18	41	61	79	13	17	32	42	66	1	4	10	14	19
Spine	Excision	0	0	1	2	7	0	0	1	2	7	0	0	0	0	0
	Osteotomy	0	0	0	0	1	0	0	0	0	1	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	7	17	0	0	2	3	14	0	0	0	0	3
	Arthrodesis/Anterior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis/Posterior	0	0	0	1	16	0	0	0	1	16	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	3	6	0	0	0	3	6	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	0	5	18	47	0	0	4	18	43	0	0	0	1	3

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MUSCULOSKELETAL ONCOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 17, 2014

[PART 6]		Programs in the Nation: 10					Residents in the Nation: 14									
		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	6	10	12	16	0	6	9	10	16	0	0	0	1	2
	Repair (Closure)	0	0	0	1	10	0	0	0	1	9	0	0	0	0	1
	Skin Grafts	0	1	3	4	9	0	1	3	3	8	0	0	0	0	1
	Flaps	0	2	2	9	31	0	1	2	7	29	0	0	1	1	2
	Other Procedures	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0
	TOTAL-Integumentary		2	12	18	26	61	2	11	16	21	59	0	1	2	2
Nervous System	Incision/Excision	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0
	Neuroplasty	1	4	14	17	31	1	4	12	16	22	0	0	1	2	7
	Transection or Avulsion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neurorrhaphy	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	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		1	4	14	17	34	1	4	12	16	25	0	0	1	2	7
Oncology Cases	TOTAL-Oncology Cases	149	218	291	373	484	132	191	247	332	399	16	27	37	49	55
Microsurgeries	TOTAL-Microsurgeries	0	0	0	3	10	0	0	0	1	6	0	0	0	0	6
Trauma Cases	TOTAL-Trauma	11	14	21	28	44	10	13	18	25	42	0	1	2	2	3
Total of all procs	TOTAL-Procedures	213	327	400	429	529	203	278	332	361	489	16	35	55	68	89

Statistics are based upon all procedures logged by residents.