



# Accreditation Council for Graduate Medical Education

## Orthopaedic Surgery Of The Spine 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.

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.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	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	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Shoulder	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
Humerus/Elbow	Incision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Humerus/Elbow	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Forearm/Wrist	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
Hand/Fingers	Incision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	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-Hand/Fingers	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	0.0	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	0
	Excision	0.3	1	0	0	2	0.2	0	0	0	2	0.1	0	0	0	2
	Intro or Removal	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	0
	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	0.2	1	0	0	4	0.2	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	0.7	1	0	0	6	0.7	1	0	0	6	0.0	0	0	0	0
	Amputation	0.0	0	0	0	1	0.0	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-Pelvis/Hip	1.3	2	0	0	8	1.3	2	0	0	8	0.1	0	0	0	2
Femur/Knee	Incision	0.0	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	0
	Excision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	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	1	0.0	0	0	0	1	0.0	0	0	0	0
	Manipulation	0.0	0	0	0	1	0.0	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	0.0	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Femur/Knee	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	0

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2016-2017**  
**Residency Review Committee for Orthopaedic Surgery**  
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[PART 4 ]		Programs in the Nation: 16					Residents in the Nation: 32									
		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	0.0	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	0
	Excision	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Fracture and/or Dislocation	0.1	0	0	0	2	0.1	0	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	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	0.0	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	0
	TOTAL-Leg/Ankle		0.2	1	0	0	6	0.2	1	0	0	6	0.0	0	0	0
Foot/Toes	Incision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.0	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Amputation	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Foot/Toes		0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	3	0.3	1	0	0	3	0.0	0	0	0	0
	Excision	1.7	4	0	0	19	1.6	4	0	0	18	0.0	0	0	0	1
	Intro or Removal	6.8	17	0	1	76	6.7	17	0	1	75	0.1	0	0	0	1
	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	107.5	120	0	42	356	104.8	117	0	41	353	2.7	7	0	0	36
	TOTAL-Other Musclskel	116.2	129	0	42	392	113.4	126	0	41	376	2.8	7	0	0	36
Spine	Excision	31.0	51	0	14	259	27.3	49	0	13	259	3.7	7	0	0	32
	Osteotomy	1.3	2	0	0	8	1.0	2	0	0	8	0.3	1	0	0	4
	Fracture / Dislocation	8.8	12	0	5	51	8.6	12	0	5	51	0.3	1	0	0	2
	Decompression	254.0	118	81	238	554	253.1	118	81	238	553	0.9	2	0	0	10
	Arthrodesis/Anterior	127.4	48	35	128	219	126.8	47	35	128	216	0.6	1	0	0	6
	Arthrodesis/Posterior	225.4	106	59	219	483	222.2	105	59	219	483	3.2	8	0	0	40
	Arthrodesis/Deformity	18.8	16	0	13	60	13.8	12	0	9	45	5.0	7	0	2	28
	Exploration	8.7	10	0	5	38	8.6	10	0	5	38	0.2	0	0	0	2
	Instrumentation	227.4	124	43	227	490	220.9	123	43	227	480	6.6	8	0	2	28
	Other Procedures	0.7	1	0	0	7	0.7	1	0	0	7	0.0	0	0	0	0
TOTAL-Spine	903.6	367	295	851	1,685	882.9	362	280	849	1,685	20.6	24	0	11	88	

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	3.0	6	0	0	29	2.9	6	0	0	28	0.1	0	0	0	1
	Repair (Closure)	0.4	1	0	0	7	0.4	1	0	0	7	0.0	0	0	0	0
	Skin Grafts	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Flaps	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	1	0.0	0	0	0	1	0.0	0	0	0	0
	TOTAL-Integumentary		3.6	6	0	1	29	3.5	6	0	1	28	0.1	0	0	0
Nervous System	Incision/Excision	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	1
	Neuroplasty	0.5	1	0	0	5	0.5	1	0	0	5	0.0	0	0	0	0
	Transection or Avulsion	1.0	5	0	0	31	1.0	5	0	0	31	0.0	0	0	0	0
	Neurorrhaphy	0.2	1	0	0	5	0.2	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	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	TOTAL-Nervous System		1.9	6	0	0	31	1.8	6	0	0	31	0.0	0	0	0
Reductions	Closed Reductions	0.3	1	0	0	2	0.3	1	0	0	2	0.0	0	0	0	0
	Open Simple	8.0	11	0	3	50	7.8	11	0	3	50	0.2	0	0	0	2
	Open Complex	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
Total	TOTAL-Procedures	1,026.9	465	296	939	1,979	1,003.3	459	284	918	1,979	23.6	29	0	14	124
Non-Tracked	Total Non-Tracked Codes	91.8	117	0	37	459	89.8	113	0	36	425	2.0	6	0	0	34

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Shoulder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Humerus/Elbow	Incision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Humerus/Elbow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Statistics are based upon all procedures logged by residents.



**ORTHOPAEDIC SURGERY OF THE SPINE: 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: 16					Residents in the Nation: 32									
		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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Forearm/Wrist	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hand/Fingers	Incision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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-Hand/Fingers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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 3 ]		Programs in the Nation: 16					Residents in the Nation: 32									
		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	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	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	2	0	0	0	0	2	0	0	0	0	0
	Amputation	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Pelvis/Hip	0	0	0	1	4	0	0	0	1	4	0	0	0	0	0
Femur/Knee	Incision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Femur/Knee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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 4 ]		Programs in the Nation: 16					Residents in the Nation: 32									
		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	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Leg/Ankle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Foot/Toes	Incision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Foot/Toes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Statistics are based upon all procedures logged by residents.

# ORTHOPAEDIC SURGERY OF THE SPINE: 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 5 ]		Programs in the Nation: 16					Residents in the Nation: 32									
		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	2	0	0	0	0	2	0	0	0	0	0
	Excision	0	0	0	1	7	0	0	0	1	7	0	0	0	0	0
	Intro or Removal	0	0	1	3	12	0	0	1	3	12	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	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	10	42	171	296	0	8	41	171	282	0	0	0	0	7
	TOTAL-Other Musclskel	1	12	42	171	307	1	12	41	171	307	0	0	0	1	7
Spine	Excision	1	7	14	25	77	1	7	13	20	65	0	0	0	4	13
	Osteotomy	0	0	0	1	4	0	0	0	1	3	0	0	0	0	0
	Fracture / Dislocation	0	1	5	12	24	0	1	5	11	24	0	0	0	0	1
	Decompression	113	179	238	309	424	113	179	238	309	414	0	0	0	0	3
	Arthrodesis/Anterior	66	102	128	152	190	66	102	128	152	188	0	0	0	0	2
	Arthrodesis/Posterior	75	177	219	290	340	75	163	219	278	340	0	0	0	2	7
	Arthrodesis/Deformity	1	8	13	27	43	1	7	9	22	31	0	0	2	5	15
	Exploration	0	1	5	11	22	0	1	5	11	22	0	0	0	0	1
	Instrumentation	68	131	227	297	376	66	131	227	291	365	0	0	2	11	18
	Other Procedures	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
TOTAL-Spine	433	756	851	1,039	1,490	425	745	849	990	1,478	0	1	11	35	60	

Statistics are based upon all procedures logged by residents.

**ORTHOPAEDIC SURGERY OF THE SPINE: 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 6]		Programs in the Nation: 16					Residents in the Nation: 32									
		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	0	4	8	0	0	0	4	8	0	0	0	0	0
	Repair (Closure)	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Skin Grafts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Flaps	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-Integumentary		0	0	1	4	8	0	0	1	4	8	0	0	0	0
Nervous System	Incision/Excision	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neuroplasty	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	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	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		0	0	0	1	3	0	0	0	1	3	0	0	0	0
Reductions	Closed Reductions	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Open Simple	0	1	3	12	16	0	1	3	11	15	0	0	0	0	1
	Open Complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>TOTAL-Procedures</b>	<b>452</b>	<b>793</b>	<b>939</b>	<b>1,192</b>	<b>1,760</b>	<b>429</b>	<b>780</b>	<b>918</b>	<b>1,190</b>	<b>1,750</b>	<b>0</b>	<b>1</b>	<b>14</b>	<b>35</b>	<b>64</b>

Statistics are based upon all procedures logged by residents.