



# Accreditation Council for Graduate Medical Education

## Spinal Surgery 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.

**SPINAL SURGERY: 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: 15					Residents in the Nation: 31									
		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	0	0.0	0	0	0	0	0.0	0	0	0	0
	Trauma	0.0	0	0	0	1	0.0	0	0	0	1	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	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	1	0.0	0	0	0	0
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	1	0.0	0	0	0	0	0.0	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
	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	0.0	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	1	0.0	0	0	0	0	0.0	0	0	0	1

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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**Residency Review Committee for Orthopaedic Surgery**  
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[PART 2]		Programs in the Nation: 15					Residents in the Nation: 31									
		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
	Trauma	0.1	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	1
	--Fracture and/or Dislocation	0.1	0	0	0	1	0.0	0	0	0	1	0.0	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	0.0	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	0.1	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	1
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
	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	0.0	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

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2012-2013**  
**Residency Review Committee for Orthopaedic Surgery**  
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[PART 3]		Programs in the Nation: 15					Residents in the Nation: 31									
		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	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Intro or Removal	0.4	1	0	0	6	0.4	1	0	0	6	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
	Trauma	0.2	1	0	0	3	0.2	1	0	0	3	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.2	1	0	0	3	0.2	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	0.6	2	0	0	9	0.6	2	0	0	9	0.0	0	0	0	1
	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-Pelvis/Hip	1.3	2	0	0	10	1.3	2	0	0	10	0.0	0	0	0	1
	Femur/Knee	Incision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0
Excision		0.0	0	0	0	1	0.0	0	0	0	1	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		0.1	1	0	0	3	0.1	1	0	0	3	0.0	0	0	0	0
Trauma		0.1	0	0	0	2	0.1	0	0	0	2	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	1	0.0	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-Femur/Knee		0.2	1	0	0	7	0.2	1	0	0	7	0.0	0	0	0	0

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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[PART 4]		Programs in the Nation: 15					Residents in the Nation: 31									
		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	0	0.0	0	0	0	0	0.0	0	0	0	0
	Excision	0.0	0	0	0	1	0.0	0	0	0	1	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	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	0
	Trauma	0.1	1	0	0	3	0.1	1	0	0	3	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.1	1	0	0	3	0.1	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	0.0	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	0.1	0	0	0	2	0.1	0	0	0	2	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	0.3	2	0	0	9	0.3	2	0	0	9	0.0	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	0.2	1	0	0	6	0.2	1	0	0	6	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	0.0	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	0.2	1	0	0	6	0.2	1	0	0	6	0.0	0	0	0	0

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2012-2013**  
**Residency Review Committee for Orthopaedic Surgery**  
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[PART 5]		Programs in the Nation: 15					Residents in the Nation: 31									
		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	2	0.1	0	0	0	2	0.0	0	0	0	0
	Excision	2.1	5	0	0	28	2.0	5	0	0	28	0.2	1	0	0	3
	Intro or Removal	10.8	21	0	4	116	10.3	21	0	4	115	0.5	1	0	0	5
	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	210.4	126	0	192	540	192.0	126	0	174	540	18.3	23	0	12	97
	TOTAL-Other Musclskel	223.4	134	0	203	583	204.4	135	0	188	583	19.0	24	0	12	100
Subtotal - Musculoskeletal	SUBTOTAL	225.5	135	0	204	587	206.5	135	0	197	587	19.1	24	0	12	101
Spine	Excision	37.5	36	2	21	135	22.7	21	2	17	102	14.8	20	0	4	60
	Osteotomy	3.1	6	0	1	24	2.7	5	0	1	20	0.4	1	0	0	6
	Fracture and/or Dislocation	8.1	12	0	3	45	7.9	12	0	3	45	0.3	1	0	0	2
	Decompression	302.8	202	40	264	893	299.5	202	37	259	889	3.3	5	0	1	27
	Arthrodesis/Anterior	110.3	51	27	98	245	108.8	52	15	98	245	1.5	3	0	0	12
	Arthrodesis/Posterior	207.0	115	63	160	468	202.9	115	61	156	468	4.1	5	0	3	18
	Arthrodesis/Deformity	27.8	24	0	23	84	16.6	16	0	11	54	11.2	10	0	9	35
	Exploration	13.5	13	0	9	48	12.6	12	0	9	44	0.8	2	0	0	7
	Instrumentation	267.7	115	44	272	526	252.4	118	7	243	526	15.3	14	0	14	49
	Other Procedures	2.5	5	0	1	27	1.0	2	0	0	13	1.5	5	0	0	26
TOTAL-Spine	980.3	431	256	881	2,219	927.1	441	142	842	2,219	53.2	48	0	36	176	

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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[PART 6 ]		Programs in the Nation: 15					Residents in the Nation: 31									
		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	3.7	7	0	1	38	3.5	7	0	1	38	0.2	0	0	0	1
	Repair (Closure)	0.5	2	0	0	7	0.5	2	0	0	7	0.0	0	0	0	0
	Skin Grafts	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Flaps	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	0
	Other Procedures	0.6	3	0	0	19	0.6	3	0	0	19	0.0	0	0	0	0
	TOTAL-Integumentary	5.0	11	0	2	59	4.9	11	0	2	59	0.2	0	0	0	1
Nervous System	Incision/Excision	0.0	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	0
	Neuroplasty	2.6	14	0	0	80	2.6	14	0	0	80	0.0	0	0	0	0
	Transection or Avulsion	0.0	0	0	0	1	0.0	0	0	0	1	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	0.0	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-Nervous System	2.6	14	0	0	80	2.6	14	0	0	80	0.0	0	0	0	0
Miscellaneous	Miscellaneous	81.2	95	0	43	381	80.0	95	0	40	381	1.2	3	0	0	11
Oncology Cases	TOTAL-Oncology Cases	31.0	49	0	7	234	30.9	49	0	7	234	0.1	0	0	0	2
Microsurgeries	TOTAL-Microsurgeries	264.7	564	0	74	2,976	263.4	563	0	66	2,975	1.4	4	0	0	16
Trauma Cases	TOTAL-Trauma	0.5	2	0	0	9	0.4	2	0	0	9	0.0	0	0	0	1
Total of all procs	TOTAL-Procedures	1,294.7	589	413	1,295	2,976	1,221.1	606	197	1,226	2,975	73.6	68	0	53	258

# SPINAL SURGERY: 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: 15					Residents in the Nation: 31									
		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
	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	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
	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	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



# SPINAL SURGERY: 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: 15					Residents in the Nation: 31									
		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
	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	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
	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	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

# SPINAL SURGERY: 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: 15 Residents in the Nation: 31														
		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	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
	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	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	0	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
	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	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

# SPINAL SURGERY: 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: 15					Residents in the Nation: 31									
		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
	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	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
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
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	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

# SPINAL SURGERY: 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: 15 Residents in the Nation: 31														
		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	0	0	0	0	0	0	0	0	0	0	0
	Excision	0	0	0	1	6	0	0	0	1	6	0	0	0	0	0
	Intro or Removal	0	0	4	12	21	0	0	4	11	18	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	41	165	192	255	364	35	151	174	222	353	0	4	12	20	46
	TOTAL-Other Musclskel	51	165	203	288	373	35	158	188	257	362	0	4	12	22	46
Subtotal - Musculoskeletal	SUBTOTAL	51	165	204	289	373	35	158	197	263	362	0	4	12	22	46
Spine	Excision	7	13	21	41	87	4	9	17	34	42	0	0	4	13	44
	Osteotomy	0	0	1	3	8	0	0	1	2	8	0	0	0	0	0
	Fracture and/or Dislocation	0	2	3	6	21	0	2	3	6	21	0	0	0	0	1
	Decompression	127	199	264	303	579	127	189	259	300	576	0	0	1	3	8
	Arthrodesis/Anterior	65	82	98	140	168	59	78	98	140	168	0	0	0	2	4
	Arthrodesis/Posterior	108	131	160	236	379	105	127	156	236	374	0	0	3	5	11
	Arthrodesis/Deformity	4	15	23	35	69	1	5	11	18	43	0	6	9	14	24
	Exploration	0	3	9	21	28	0	3	9	20	22	0	0	0	0	3
	Instrumentation	107	208	272	324	387	102	198	243	307	373	0	9	14	17	37
	Other Procedures	0	0	1	1	5	0	0	0	1	2	0	0	0	0	2
TOTAL-Spine	581	801	881	1,079	1,584	531	705	842	1,011	1,554	2	24	36	64	120	

# SPINAL SURGERY: 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: 15 Residents in the Nation: 31														
		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	1	3	9	0	0	1	3	9	0	0	0	0	1
	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	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-Integumentary		0	1	2	4	10	0	0	2	4	9	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	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous	Miscellaneous	2	15	43	110	239	2	15	40	100	239	0	0	0	1	3
Oncology Cases	TOTAL-Oncology Cases	0	0	7	35	79	0	0	7	35	79	0	0	0	0	0
Microsurgeries	TOTAL-Microsurgeries	0	3	74	195	555	0	3	66	194	545	0	0	0	0	1
Trauma Cases	TOTAL-Trauma	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Total of all procs	TOTAL-Procedures	692	1,022	1,295	1,433	1,958	582	886	1,226	1,384	1,905	2	29	53	86	187