



# 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 is 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 2010-2011**  
**Residency Review Committee for Orthopaedic Surgery**  
**Report Date: May 15, 2012**

[PART 1 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	1	0.0	0	0	0	1	0.0	0	0	0	0
	Excision	0.1	1	0	0	4	0.1	1	0	0	4	0.0	0	0	0	0
	Intro or Removal	0.0	0	0	0	1	0.0	0	0	0	1	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	0.1	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	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Shoulder	0.2	1	0	0	7	0.2	1	0	0	7	0.0	0	0	0	0
Humerus/Elbow	Incision	0.1	0	0	0	2	0.1	0	0	0	2	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	1	0.0	0	0	0	1	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	0.1	1	0	0	3	0.1	0	0	0	2
	--Fracture and/or Dislocation	0.2	1	0	0	3	0.1	0	0	0	3	0.1	0	0	0	2
	--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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Humerus/Elbow	0.3	1	0	0	5	0.2	1	0	0	5	0.1	0	0	0	2

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2010-2011**  
**Residency Review Committee for Orthopaedic Surgery**  
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[PART 2 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	0.0	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	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
	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	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

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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**Residency Review Committee for Orthopaedic Surgery**  
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[PART 3]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	4	0.3	1	0	0	4	0.0	0	0	0	0
	Intro or Removal	1.0	3	0	0	17	1.0	3	0	0	17	0.0	0	0	0	0
	Repair/Revision/Reconstruction	0.4	2	0	0	12	0.4	2	0	0	11	0.0	0	0	0	1
	Trauma	0.3	1	0	0	3	0.3	1	0	0	3	0.0	0	0	0	0
	--Fracture and/or Dislocation	0.3	1	0	0	3	0.3	1	0	0	3	0.0	0	0	0	0
	--Manipulation	0.1	0	0	0	1	0.1	0	0	0	1	0.0	0	0	0	0
	Arthrodesis	0.4	1	0	0	7	0.4	1	0	0	7	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	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	<b>TOTAL-Pelvis/Hip</b>	<b>2.4</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>2.4</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Femur/Knee	Incision	0.2	1	0	0	3	0.2	1	0	0	3	0.0	0	0	0	0
	Excision	0.1	0	0	0	3	0.1	0	0	0	2	0.0	0	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	0.2	1	0	0	4	0.2	1	0	0	4	0.1	0	0	0	2
	Trauma	0.1	1	0	0	3	0.1	0	0	0	3	0.0	0	0	0	1
	--Fracture and/or Dislocation	0.1	1	0	0	3	0.1	0	0	0	3	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	1	0.0	0	0	0	1	0.0	0	0	0	0
Other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	
	<b>TOTAL-Femur/Knee</b>	<b>0.6</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>0.5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>

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**Residency Review Committee for Orthopaedic Surgery**  
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[PART 4 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	0.1	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
	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	1	0.1	0	0	0	1	0.0	0	0	0	0
	--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	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	0.0	0	0	0	1	0.0	0	0	0	0	0.0	0	0	0	1
	<b>TOTAL-Leg/Ankle</b>	<b>0.2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0.2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Foot/Toes	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
	Trauma	0.1	0	0	0	2	0.1	0	0	0	2	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
	Other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
		<b>TOTAL-Foot/Toes</b>	<b>0.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2010-2011**  
**Residency Review Committee for Orthopaedic Surgery**  
**Report Date: May 15, 2012**

[PART 5 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	1	0.1	0	0	0	1	0.0	0	0	0	0
	Excision	1.8	6	0	0	29	1.7	6	0	0	29	0.0	0	0	0	1
	Intro or Removal	9.1	32	0	2	199	8.1	31	0	2	199	1.0	2	0	0	10
	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	131.7	139	0	82	656	118.3	128	0	81	613	13.4	18	0	2	54
	TOTAL-Other Musclskel	142.6	145	0	85	662	128.2	135	0	83	619	14.4	20	0	2	56
Spine	Excision	23.3	34	0	12	155	11.7	14	0	8	60	11.6	26	0	0	130
	Osteotomy	3.7	15	0	0	97	1.3	3	0	0	14	2.4	13	0	0	83
	Fracture and/or Dislocation	11.3	16	0	5	85	10.9	16	0	5	85	0.4	1	0	0	5
	Decompression	251.5	198	14	199	1,109	248.1	197	14	199	1,099	3.4	5	0	2	28
	Arthrodesis/Anterior	94.5	54	5	82	219	93.4	54	5	82	219	1.2	2	0	0	10
	Arthrodesis/Posterior	181.6	157	20	143	983	176.8	158	20	140	981	4.9	11	0	2	64
	Arthrodesis/Deformity	23.1	20	0	20	81	12.6	13	0	9	47	10.4	10	0	9	40
	Exploration	8.3	8	0	5	33	7.5	8	0	4	28	0.8	1	0	0	6
	Instrumentation	218.1	123	16	208	648	203.9	121	16	181	620	14.3	12	0	12	42
	Other	5.6	10	0	2	57	4.0	9	0	0	52	1.7	4	0	0	22
TOTAL-Spine	820.9	514	230	686	3,088	770.0	498	227	641	2,933	50.8	54	0	29	204	

**SPINAL SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
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**Residency Review Committee for Orthopaedic Surgery**  
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[PART 6]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	2.5	4	0	1	24	2.4	4	0	1	23	0.1	0	0	0	2
	Repair (Closure)	0.4	1	0	0	4	0.4	1	0	0	4	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	0.5	3	0	0	17	0.5	3	0	0	17	0.0	0	0	0	0
	Other	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	TOTAL-Integumentary	3.4	5	0	1	24	3.2	5	0	1	23	0.1	0	0	0	2
Nervous System	Incision/Excision	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0
	Neuroplasty	1.9	12	0	0	77	1.9	12	0	0	75	0.1	0	0	0	2
	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
	Other	0.0	0	0	0	1	0.0	0	0	0	1	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
	TOTAL-Nervous System	2.0	12	0	0	77	1.9	12	0	0	75	0.1	0	0	0	2
Miscellaneous	Miscellaneous	75.4	97	0	39	354	72.0	95	0	36	347	3.4	7	0	1	35
Oncology Cases	TOTAL-Oncology Cases	17.8	35	0	1	149	17.4	35	0	1	149	0.4	2	0	0	8
Microsurgeries	TOTAL-Microsurgeries	141.8	326	0	50	2,036	137.1	317	0	50	1,988	4.7	19	0	0	110
Trauma Cases	TOTAL-Trauma	0.8	2	0	0	10	0.8	2	0	0	10	0.1	0	0	0	2
Total of all procs	TOTAL-Procedures	1,047.9	678	260	851	3,925	978.8	654	257	790	3,714	69.0	72	0	38	231

# SPINAL SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

Residency Review Committee for Orthopaedic Surgery

Report Date: May 15, 2012

[PART 1]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	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
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	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Humerus/Elbow		0	0	0	0	1	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 2010-2011

Residency Review Committee for Orthopaedic Surgery

Report Date: May 15, 2012

[PART 2 ]		Programs in the Nation: 18					Residents in the Nation: 40										
		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	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	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

# SPINAL SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

Residency Review Committee for Orthopaedic Surgery

Report Date: May 15, 2012

[PART 3]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	5	0	0	0	0	5	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	2	0	0	0	0	2	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	0	0	0	0	0	0	0	0	0	0	0	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Pelvis/Hip	0	0	1	2	6	0	0	1	2	6	0	0	0	0	0
	Femur/Knee	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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-Femur/Knee		0	0	0	0	2	0	0	0	0	1	0	0	0	0	0

# SPINAL SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

Residency Review Committee for Orthopaedic Surgery

Report Date: May 15, 2012

[PART 4 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Leg/Ankle	0	0	0	0	1	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
	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	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

# SPINAL SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

Residency Review Committee for Orthopaedic Surgery

Report Date: May 15, 2012

[PART 5 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
	Intro or Removal	0	0	2	5	20	0	0	2	3	12	0	0	0	0	5
	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	0	39	82	174	311	0	28	81	144	302	0	0	2	17	44
	TOTAL-Other Musclskel	1	40	85	198	342	1	32	83	169	329	0	0	2	17	48
Spine	Excision	0	3	12	29	61	0	1	8	15	30	0	0	0	6	38
	Osteotomy	0	0	0	2	4	0	0	0	2	4	0	0	0	0	2
	Fracture and/or Dislocation	0	1	5	17	28	0	1	5	14	28	0	0	0	0	2
	Decompression	108	151	199	261	439	104	148	199	259	431	0	0	2	4	9
	Arthrodesis/Anterior	35	56	82	126	170	35	55	82	125	167	0	0	0	0	6
	Arthrodesis/Posterior	54	124	143	189	321	51	122	140	187	320	0	0	2	5	12
	Arthrodesis/Deformity	3	11	20	28	54	1	4	9	16	33	0	3	9	16	23
	Exploration	1	3	5	13	21	0	2	4	11	20	0	0	0	1	3
	Instrumentation	107	132	208	255	404	94	114	181	236	383	1	4	12	20	34
	Other	0	0	2	6	16	0	0	0	3	10	0	0	0	1	5
TOTAL-Spine	375	601	686	886	1,388	349	525	641	847	1,346	2	15	29	68	137	

# SPINAL SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2010-2011

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Report Date: May 15, 2012

[PART 6 ]		Programs in the Nation: 18					Residents in the Nation: 40									
		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	2	7	0	0	1	2	7	0	0	0	0	1
	Repair (Closure)	0	0	0	0	2	0	0	0	0	2	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Integumentary		0	0	1	4	9	0	0	1	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
	Other	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
	TOTAL-Nervous System		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous	Miscellaneous	2	8	39	86	253	1	7	36	77	241	0	0	1	2	12
Oncology Cases	TOTAL-Oncology Cases	0	0	1	13	56	0	0	1	13	54	0	0	0	0	0
Microsurgeries	TOTAL-Microsurgeries	0	0	50	149	288	0	0	50	148	281	0	0	0	0	8
Trauma Cases	TOTAL-Trauma	0	0	0	0	4	0	0	0	0	3	0	0	0	0	0
Total of all procs	TOTAL-Procedures	422	654	851	1,315	1,629	397	566	790	1,231	1,601	3	18	38	106	191