



# Accreditation Council for Graduate Medical Education

## Orthopaedic Surgery Case Logs

### National Data Report

**Prepared by:** Department of Applications and Data Analysis

#### 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.
  - ii. "Natl Res MED" – The median value among procedure counts in the nation.
  - ii. "Natl Res MODE" – The most commonly occurring value among procedure counts in the nation.
  - ii. "Natl Res MIN" – The minimum value among procedure counts in the nation.
  - iii. "Natl Res MAX" – The maximum value seen among procedure counts in the nation.
  - iv. "Natl Res SUM" – This statistics represents the sum of all procedure counts in the nation.

#### III. 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.

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 1 ]		Number of Programs in the Nation: 149    Number of Residents in the Nation: 616																					
		All Patients							Adult Only							Pediatric Only							
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	
RRC Area	RRC Procedure																						
Shoulder	Incision	2.2	2	2	0	0	15	1,347	2.0	2	1	0	0	15	1,222	0.2	1	0	0	0	5	125	
	Excision	11.2	11	8	5	0	122	6,889	10.6	11	7	3	0	122	6,525	0.6	1	0	0	0	7	364	
	Intro or Removal	0.8	1	0	0	0	12	482	0.8	1	0	0	0	12	464	0.0	0	0	0	0	2	18	
	Repair/Revise/Reconst	37.4	22	33	26	4	152	23,062	36.4	22	32	26	3	146	22,432	1.0	1	0	0	0	9	630	
	Fracture/Dislocation	14.7	10	13	10	0	83	9,084	13.7	9	12	13	0	83	8,447	1.0	2	1	0	0	13	637	
	Manipulation	5.5	6	4	1	0	46	3,368	4.9	5	3	1	0	46	3,049	0.5	1	0	0	0	14	319	
	Arthrodesis	0.1	0	0	0	0	5	82	0.1	0	0	0	0	4	77	0.0	0	0	0	0	2	5	
	Amputation	0.2	0	0	0	0	3	93	0.1	0	0	0	0	3	84	0.0	0	0	0	0	1	9	
	Arthroscopy	93.5	63	80	59	1	645	57,581	92.2	63	80	70	1	637	56,769	1.3	2	0	0	0	13	812	
	Other	1.0	2	0	0	0	16	605	0.9	2	0	0	0	16	565	0.1	0	0	0	0	3	40	
	<b>TOTAL- Shoulder</b>	<b>166.5</b>	83	152	95	21	789	102,593	<b>161.7</b>	82	148	120	19	774	99,634	<b>4.8</b>	4	4	2	0	28	2,959	
Humerus/Elbow	Incision	4.0	3	3	3	0	18	2,459	3.5	3	3	3	0	18	2,135	0.5	1	0	0	0	6	324	
	Excision	6.4	4	6	4	0	21	3,965	5.4	3	5	4	0	20	3,323	1.0	1	1	0	0	11	642	
	Intro or Removal	1.4	2	1	0	0	13	884	1.1	1	1	0	0	11	655	0.4	1	0	0	0	5	229	
	Repair/Revise/Reconst	13.0	8	11	10	0	83	8,036	11.7	8	10	8	0	83	7,232	1.3	2	1	0	0	14	804	
	Fracture/Dislocation	45.6	21	42	34	4	158	28,113	26.6	14	24	24	3	156	16,358	19.1	13	17	12	0	92	11,755	
	Manipulation	6.3	8	4	0	0	56	3,899	3.3	5	1	0	0	56	2,009	3.1	5	2	0	0	56	1,890	
	Arthrodesis	0.0	0	0	0	0	2	29	0.0	0	0	0	0	2	25	0.0	0	0	0	0	1	4	
	Amputation	0.5	1	0	0	0	6	280	0.4	1	0	0	0	6	263	0.0	0	0	0	0	2	17	
	Arthroscopy	2.5	3	2	0	0	23	1,511	2.2	3	1	0	0	22	1,343	0.3	1	0	0	0	6	168	
	Other	1.0	2	0	0	0	20	594	0.8	2	0	0	0	20	479	0.2	1	0	0	0	6	115	
	<b>TOTAL- Humerus/Elbow</b>	<b>80.8</b>	32	75	65	5	343	49,770	<b>54.9</b>	25	51	44	5	343	33,822	<b>25.9</b>	16	23	26	0	95	15,948	

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 2]		Number of Programs in the Nation: 149    Number of Residents in the Nation: 616																					
		All Patients							Adult Only							Pediatric Only							
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	
RRC Area	RRC Procedure																						
Forearm/Wrist	Incision	7.1	5	6	5	0	31	4,369	6.6	5	5	5	0	31	4,061	0.5	1	0	0	0	6	308	
	Excision	12.8	8	12	8	0	78	7,915	11.7	7	11	12	0	77	7,224	1.1	1	1	0	0	7	691	
	Intro or Removal	1.2	2	1	0	0	14	727	1.0	2	0	0	0	14	602	0.2	1	0	0	0	9	125	
	Repair/Revise/Reconst	22.1	16	19	14	0	97	13,637	19.5	15	16	13	0	90	11,984	2.7	4	1	0	0	27	1,653	
	Fracture/Dislocation	55.3	26	52	37	0	170	34,053	47.4	23	45	46	0	158	29,177	7.9	7	6	3	0	63	4,876	
	Manipulation	28.1	33	17	0	0	232	17,280	12.4	18	5	0	0	138	7,664	15.6	20	8	0	0	129	9,616	
	Arthrodesis	2.4	2	2	1	0	16	1,458	2.2	2	2	1	0	16	1,351	0.2	1	0	0	0	4	107	
	Amputation	0.5	1	0	0	0	6	290	0.4	1	0	0	0	6	269	0.0	0	0	0	0	3	21	
	Arthroscopy	5.8	6	4	2	0	50	3,569	5.6	6	4	2	0	50	3,456	0.2	1	0	0	0	6	113	
	Other	1.1	2	0	0	0	24	676	0.9	2	0	0	0	23	556	0.2	1	0	0	0	5	120	
	<b>TOTAL- Forearm/Wrist</b>	<b>136.3</b>	60	126	124	10	404	83,974	<b>107.7</b>	48	101	64	7	365	66,344	<b>28.6</b>	24	23	9	0	137	17,630	
Hand/Fingers	Incision	27.9	18	24	20	0	181	17,186	25.6	18	22	20	0	176	15,740	2.3	3	2	0	0	30	1,446	
	Excision	15.5	9	14	12	0	56	9,570	14.5	9	13	11	0	54	8,910	1.1	2	1	0	0	14	660	
	Intro or Removal	1.4	2	1	0	0	14	872	1.3	2	1	0	0	14	793	0.1	1	0	0	0	8	79	
	Repair/Revise/Reconst	32.7	20	29	29	0	128	20,166	27.6	18	24	11	0	108	17,008	5.1	7	3	0	0	46	3,158	
	Fracture/Dislocation	25.8	16	23	12	1	115	15,872	22.6	14	20	20	1	98	13,937	3.1	5	2	0	0	74	1,935	
	Manipulation	6.4	12	2	0	0	114	3,938	4.6	9	1	0	0	86	2,828	1.8	4	0	0	0	81	1,110	
	Arthrodesis	3.9	4	3	3	0	28	2,427	3.7	3	3	3	0	28	2,255	0.3	1	0	0	0	6	172	
	Amputation	7.4	7	6	2	0	56	4,537	6.5	6	5	2	0	54	3,989	0.9	1	0	0	0	12	548	
	Other	1.7	3	1	0	0	21	1,052	1.4	3	0	0	0	16	893	0.3	1	0	0	0	7	159	
	<b>TOTAL- Hand/Fingers</b>	<b>122.8</b>	58	116	88	16	366	75,620	<b>107.7</b>	53	101	90	7	345	66,353	<b>15.0</b>	13	12	7	0	101	9,267	

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 3 ]		Number of Programs in the Nation: 149    Number of Residents in the Nation: 616																					
		All Patients							Adult Only							Pediatric Only							
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	
RRC Area	RRC Procedure																						
Pelvis/Hip	Incision	13.0	9	11	11	0	61	8,032	5.9	4	5	3	0	29	3,614	7.2	7	5	2	0	57	4,418	
	Excision	4.8	5	4	2	0	68	2,937	4.0	5	3	2	0	68	2,471	0.8	1	0	0	0	7	466	
	Intro or Removal	5.7	5	5	2	0	35	3,502	3.1	3	2	1	0	32	1,910	2.6	3	2	0	0	20	1,592	
	Repair/Revise/Reconst	97.7	43	91	90	16	358	60,197	86.4	42	81	91	12	354	53,227	11.3	7	10	8	0	62	6,970	
	Fracture/Dislocation	73.2	37	67	56	8	290	45,108	69.7	36	63	56	8	279	42,912	3.6	3	3	2	0	19	2,196	
	Manipulation	8.0	8	6	3	0	72	4,946	6.7	8	4	0	0	71	4,136	1.3	2	1	0	0	14	810	
	Arthrodesis	0.3	1	0	0	0	10	204	0.3	1	0	0	0	10	162	0.1	0	0	0	0	2	42	
	Amputation	0.5	1	0	0	0	4	319	0.5	1	0	0	0	4	283	0.1	0	0	0	0	3	36	
	Other	2.5	3	1	0	0	24	1,558	2.1	3	1	0	0	21	1,298	0.4	1	0	0	0	14	260	
	TOTAL- Pelvis/Hip	205.8	69	199	191	37	531	126,803	178.6	67	169	149	34	531	110,013	27.3	16	24	21	0	111	16,790	
Femur/Knee	Incision	13.5	9	11	10	0	67	8,343	11.1	8	9	5	0	64	6,833	2.5	3	2	0	0	48	1,510	
	Excision	12.8	9	11	9	0	52	7,904	10.3	8	8	6	0	51	6,369	2.5	2	2	1	0	12	1,535	
	Intro or Removal	2.5	4	1	0	0	23	1,535	1.8	3	1	0	0	17	1,110	0.7	1	0	0	0	16	425	
	Repair/Revise/Reconst	141.6	56	134	111	31	414	87,244	126.6	55	118	110	21	414	78,015	15.0	11	12	11	0	88	9,229	
	Fracture/Dislocation	69.2	42	61	36	10	674	42,627	59.6	40	52	43	10	674	36,711	9.6	6	8	6	0	37	5,916	
	Manipulation	10.3	10	8	8	0	82	6,347	7.3	8	5	4	0	79	4,519	3.0	4	2	0	0	31	1,828	
	Arthrodesis	0.6	1	0	0	0	11	394	0.6	1	0	0	0	11	367	0.0	0	0	0	0	2	27	
	Amputation	3.4	4	2	1	0	28	2,071	3.2	3	2	1	0	26	1,942	0.2	1	0	0	0	4	129	
	Arthroscopy	170.6	89	156	114	17	704	105,085	160.3	85	147	107	14	690	98,734	10.3	10	7	3	0	78	6,351	
	Other	2.7	5	1	0	0	53	1,675	2.0	4	1	0	0	50	1,215	0.7	2	0	0	0	16	460	
	TOTAL- Femur/Knee	427.3	138	413	477	97	1,164	263,225	382.8	132	374	301	94	1,164	235,815	44.5	22	40	35	0	150	27,410	

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 4] Number of Programs in the Nation: 149 Number of Residents in the Nation: 616

		All Patients							Adult Only							Pediatric Only							
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	
RRC Area	RRC Procedure																						
Leg/Ankle	Incision	20.1	12	18	16	0	70	12,384	12.7	10	10	5	0	64	7,851	7.4	6	6	5	0	39	4,533	
	Excision	8.6	6	7	4	0	44	5,281	6.4	6	5	4	0	44	3,933	2.2	2	2	0	0	15	1,348	
	Intro or Removal	0.1	0	0	0	0	6	50	0.0	0	0	0	0	6	17	0.1	0	0	0	0	5	33	
	Repair/Revise/Reconst	39.8	21	35	26	1	143	24,497	24.3	16	20	18	0	143	14,978	15.5	12	12	6	0	98	9,519	
	Fracture/Dislocation	100.0	43	93	69	11	570	61,579	91.1	41	84	75	11	570	56,094	8.9	6	8	6	0	48	5,485	
	Manipulation	13.5	18	8	0	0	118	8,343	9.8	14	5	0	0	103	6,027	3.8	7	2	0	0	113	2,316	
	Arthrodesis	4.2	3	4	4	0	29	2,570	4.1	3	3	3	0	29	2,498	0.1	0	0	0	0	5	72	
	Amputation	6.7	6	5	5	0	48	4,134	6.2	6	5	2	0	48	3,810	0.5	1	0	0	0	8	324	
	Arthroscopy	5.8	6	4	2	0	44	3,580	5.5	6	4	2	0	43	3,380	0.3	1	0	0	0	5	200	
	Other	4.0	5	2	0	0	44	2,440	3.3	5	2	0	0	39	2,017	0.7	1	0	0	0	11	423	
	TOTAL- Leg/Ankle	202.7	71	191	188	19	900	124,858	163.3	65	153	140	19	900	100,605	39.4	21	36	23	0	131	24,253	
Foot/Toes	Incision	6.0	6	4	2	0	57	3,711	4.8	6	3	1	0	51	2,964	1.2	2	1	0	0	22	747	
	Excision	13.3	9	11	7	0	80	8,163	10.8	9	9	6	0	79	6,638	2.5	2	2	2	0	16	1,525	
	Intro or Removal	1.4	2	1	0	0	21	869	1.0	2	0	0	0	19	636	0.4	1	0	0	0	4	233	
	Repair/Revise/Reconst	41.9	29	34	24	1	201	25,787	28.6	26	21	18	0	189	17,635	13.2	12	11	11	0	94	8,152	
	Fracture/Dislocation	24.9	17	21	10	0	139	15,316	23.0	16	20	10	0	139	14,191	1.8	3	1	0	0	25	1,125	
	Manipulation	1.9	3	1	0	0	19	1,153	1.6	3	1	0	0	17	964	0.3	1	0	0	0	17	189	
	Arthrodesis	12.3	11	10	7	0	101	7,548	10.6	10	8	2	0	101	6,557	1.6	2	1	0	0	19	991	
	Amputation	6.5	7	5	1	0	41	3,992	5.7	6	4	1	0	39	3,528	0.8	1	0	0	0	7	464	
	Other	1.4	3	0	0	0	15	887	1.0	2	0	0	0	14	639	0.4	1	0	0	0	12	248	
	TOTAL- Foot/Toes	109.5	58	101	89	11	476	67,426	87.3	54	76	71	10	476	53,752	22.2	15	19	15	0	119	13,674	

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 5 ]		Number of Programs in the Nation: 149    Number of Residents in the Nation: 616																					
		All Patients							Adult Only							Pediatric Only							
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	
RRC Area	RRC Procedure																						
Other Musculoskeletal	Incision	0.8	2	0	0	0	37	510	0.7	2	0	0	0	35	442	0.1	0	0	0	0	3	68	
	Excision	4.8	6	3	1	0	46	2,974	3.6	5	2	0	0	42	2,224	1.2	2	1	0	0	17	750	
	Intro or Removal	89.3	90	75	1	0	1,391	55,034	72.1	85	57	0	0	1,391	44,395	17.3	13	15	0	0	100	10,639	
	Repair/Revise/Reconst	0.0	0	0	0	0	2	7	0.0	0	0	0	0	2	6	0.0	0	0	0	0	1	1	
	Fracture/Dislocation	0.1	0	0	0	0	9	36	0.1	0	0	0	0	9	31	0.0	0	0	0	0	1	5	
	Arthroscopy	0.6	1	0	0	0	13	378	0.6	1	0	0	0	13	358	0.0	0	0	0	0	2	20	
	Other	64.8	99	33	3	0	1,294	39,930	38.4	70	17	3	0	1,024	23,652	26.4	39	13	0	0	270	16,278	
	TOTAL- Other Musc	160.5	155	126	80	0	1,597	98,869	115.4	127	86	3	0	1,594	71,108	45.1	47	32	19	0	317	27,761	
Spine	Excision- Spine	3.6	8	1	0	0	122	2,240	2.5	5	0	0	0	48	1,527	1.2	5	0	0	0	95	713	
	Osteomy	0.6	2	0	0	0	16	360	0.4	1	0	0	0	16	242	0.2	1	0	0	0	16	118	
	Fracture/Dislocate	4.2	8	1	0	0	85	2,602	3.9	8	1	0	0	85	2,416	0.3	1	0	0	0	7	186	
	Decompression	39.6	41	28	4	0	367	24,380	38.8	41	27	0	0	363	23,873	0.8	2	0	0	0	14	507	
	Arthrodesis Anterior	14.1	15	10	6	0	117	8,667	13.1	14	9	6	0	117	8,061	1.0	2	0	0	0	16	606	
	Arthrodesis Posterior	37.1	36	26	2	0	231	22,837	32.6	32	22	0	0	228	20,111	4.4	13	1	0	0	150	2,726	
	Arthrodesis Deformity	9.0	9	7	0	0	50	5,534	1.8	3	1	0	0	32	1,128	7.2	7	5	0	0	46	4,406	
	Exploration	1.6	3	1	0	0	26	991	1.2	2	0	0	0	20	758	0.4	1	0	0	0	7	233	
	Instrumentation	32.8	31	24	4	0	287	20,188	23.8	27	15	0	0	279	14,664	9.0	9	7	0	0	88	5,524	
	Other- Spine	2.1	3	1	0	0	27	1,316	1.6	3	1	0	0	24	978	0.5	1	0	0	0	13	338	
	TOTAL- Spine	144.7	113	115	54	2	965	89,115	119.7	104	90	41	0	943	73,758	24.9	24	18	11	0	203	15,357	

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**Residency Review Committee for Orthopaedic Surgery**

[PART 6]		Number of Programs in the Nation: 149    Number of Residents in the Nation: 616																					
		All Patients							Adult Only							Pediatric Only							
		Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	Natl Res AVE	Natl Res STD	Natl Res MED	Natl Res MODE	Natl Res MIN	Natl Res MAX	Natl Res SUM	
RRC Area	RRC Procedure																						
Integumentary System	Incision/Excision	85.2	91	61	0	0	850	52,505	76.9	85	55	0	0	850	47,342	8.4	9	5	0	0	61	5,163	
	Repair (Closure)	11.9	16	5	0	0	156	7,345	10.4	15	4	0	0	148	6,435	1.5	3	0	0	0	23	910	
	Skin Grafts	6.6	8	4	0	0	76	4,044	6.0	7	4	0	0	75	3,706	0.5	1	0	0	0	9	338	
	Flaps	2.0	3	1	0	0	19	1,218	1.8	3	1	0	0	19	1,115	0.2	0	0	0	0	4	103	
	Other- Integum	1.5	6	0	0	0	77	937	1.3	5	0	0	0	72	819	0.2	1	0	0	0	9	118	
	TOTAL- Integumentary	107.2	109	74	6	0	905	66,049	96.5	102	66	4	0	905	59,417	10.8	12	7	0	0	86	6,632	
Nervous System	Neuroplasty	14.8	12	12	11	0	94	9,113	14.2	11	11	11	0	93	8,740	0.6	1	0	0	0	15	373	
	Transection or Avulsion	0.0	0	0	0	0	6	20	0.0	0	0	0	0	6	9	0.0	0	0	0	0	2	11	
	Incision/Excision-Nerve	1.7	2	1	0	0	14	1,045	1.6	2	1	0	0	14	977	0.1	0	0	0	0	3	68	
	Neuro-rrhaphy	7.1	6	6	0	0	40	4,399	6.6	6	5	0	0	38	4,036	0.6	1	0	0	0	7	363	
	Other- Nerve	0.4	2	0	0	0	33	222	0.3	2	0	0	0	29	199	0.0	0	0	0	0	4	23	
	Carpal Tunnel	32.8	26	28	5	0	212	20,178	32.4	26	28	5	0	212	19,964	0.3	2	0	0	0	31	214	
	TOTAL- Nerve	56.8	34	52	45	0	249	34,977	55.1	34	50	52	0	246	33,925	1.7	3	1	0	0	37	1,052	
Oncology Procedures	TOTAL- Oncology	29.4	31	22	0	0	253	18,141	24.8	27	19	0	0	236	15,293	4.6	6	2	0	0	38	2,848	
Microsurgery Procedures	TOTAL- Microsurgery	26.3	55	10	0	0	778	16,229	24.5	53	10	0	0	740	15,081	1.9	4	0	0	0	39	1,148	
Miscellaneous	TOTAL- Misc	31.8	68	17	0	0	1,137	19,582	26.0	57	13	0	0	928	16,036	5.8	14	2	0	0	209	3,546	
TOTAL OF ALL PROCS	TOTAL- All Procs	1,952.7	631	1,870	1,397	304	7,035	1,202,861	1,656.8	568	1,586	1,611	268	7,035	1,020,582	295.9	147	264	213	0	908	182,279	

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 1 ]		Programs in the Nation: 149 Residents in the Nation: 616																	
		All Patients						Adult Only						Pediatric Only					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Shoulder	Incision	0	0	1	2	3	5	0	0	1	1	3	5	0	0	0	0	0	1
	Excision	2	4	5	8	12	24	2	3	4	7	12	23	0	0	0	0	1	2
	Intro or Removal	0	0	0	0	1	2	0	0	0	0	1	2	0	0	0	0	0	0
	Repair/Revise/Reconst	13	19	24	33	44	66	12	18	23	32	43	65	0	0	0	0	1	3
	Fracture/Dislocation	5	7	9	13	17	28	5	7	8	12	16	25	0	0	0	1	1	3
	Manipulation	0	1	2	4	7	12	0	1	2	3	6	11	0	0	0	0	1	2
	Arthrodesis	0	0	0	0	0	1	0	0	0	0	0	1	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	29	44	58	80	111	170	29	44	56	80	109	169	0	0	0	0	1	4
	Other	0	0	0	0	1	3	0	0	0	0	1	3	0	0	0	0	0	0
	TOTAL- Shoulder	78	101	120	152	193	268	75	96	116	148	189	264	1	1	2	4	6	10
Humerus/Elbow	Incision	0	1	2	3	5	9	0	1	2	3	4	7	0	0	0	0	1	2
	Excision	2	3	4	6	8	12	2	2	3	5	7	10	0	0	0	1	1	3
	Intro or Removal	0	0	0	1	2	4	0	0	0	1	1	3	0	0	0	0	0	1
	Repair/Revise/Reconst	5	7	8	11	16	22	4	6	7	10	14	20	0	0	0	1	1	4
	Fracture/Dislocation	23	29	33	42	54	74	13	16	19	24	31	43	6	9	11	17	23	36
	Manipulation	0	1	2	4	8	15	0	0	0	1	4	8	0	0	0	2	3	8
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0
	Arthroscopy	0	0	1	2	3	6	0	0	0	1	3	6	0	0	0	0	0	1
	Other	0	0	0	0	1	3	0	0	0	0	1	2	0	0	0	0	0	1
	TOTAL- Humerus/Elbow	47	57	64	75	92	119	30	37	42	51	62	84	9	13	17	23	31	45



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

Reporting Period: Total Experience of Residents Completing Programs in 2006-2007

Residency Review Committee for Orthopaedic Surgery

[PART 2]		Programs in the Nation: 149 Residents in the Nation: 616																	
		All Patients						Adult Only						Pediatric Only					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Forearm/Wrist	Incision	2	3	4	6	8	14	1	3	4	5	8	13	0	0	0	0	1	2
	Excision	4	6	8	12	16	22	3	5	7	11	15	20	0	0	0	1	1	3
	Intro or Removal	0	0	0	1	1	3	0	0	0	0	1	3	0	0	0	0	0	1
	Repair/Revise/Reconst	6	9	12	19	26	44	4	7	10	16	23	38	0	0	0	1	3	7
	Fracture/Dislocation	26	33	39	52	64	89	21	27	33	45	56	78	2	3	4	6	10	16
	Manipulation	1	2	5	17	36	68	0	0	1	5	15	32	0	1	2	8	19	40
	Arthrodesis	0	0	1	2	3	5	0	0	1	2	3	5	0	0	0	0	0	1
	Amputation	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0
	Arthroscopy	0	1	2	4	7	13	0	1	2	4	7	13	0	0	0	0	0	1
	Other	0	0	0	0	1	3	0	0	0	0	1	3	0	0	0	0	0	1
	TOTAL- Forearm/Wrist	68	86	100	126	160	214	54	69	78	101	128	166	6	9	13	23	35	60
Hand/Fingers	Incision	10	14	18	24	33	49	8	12	16	22	30	45	0	0	1	2	3	6
	Excision	5	7	10	14	19	27	4	6	9	13	18	26	0	0	0	1	1	3
	Intro or Removal	0	0	0	1	2	4	0	0	0	1	1	4	0	0	0	0	0	0
	Repair/Revise/Reconst	11	16	20	29	39	59	10	13	17	24	33	51	0	1	1	3	5	13
	Fracture/Dislocation	8	12	16	23	31	47	7	11	14	20	27	41	0	0	1	2	4	7
	Manipulation	0	0	0	2	6	17	0	0	0	1	4	12	0	0	0	0	2	5
	Arthrodesis	0	1	2	3	5	8	0	1	2	3	5	8	0	0	0	0	0	1
	Amputation	1	2	3	6	9	16	1	2	2	5	8	15	0	0	0	0	1	3
	Other	0	0	0	1	2	5	0	0	0	0	1	5	0	0	0	0	0	1
	TOTAL- Hand/Fingers	54	74	88	116	145	196	48	64	77	101	127	175	3	5	7	12	18	30

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 3]		Programs in the Nation: 149 Residents in the Nation: 616																	
		All Patients						Adult Only						Pediatric Only					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Pelvis/Hip	Incision	4	6	7	11	16	24	1	2	3	5	7	12	1	2	3	5	9	16
	Excision	1	1	2	4	6	10	0	1	2	3	5	9	0	0	0	0	1	2
	Intro or Removal	1	2	3	5	7	12	0	1	1	2	4	7	0	0	1	2	3	7
	Repair/Revise/Reconst	52	64	73	91	112	152	41	53	62	81	101	138	3	5	7	10	14	20
	Fracture/Dislocation	33	44	52	67	83	123	32	40	50	63	79	118	0	1	2	3	4	7
	Manipulation	1	2	3	6	10	17	0	1	2	4	8	15	0	0	0	1	1	4
	Arthrodesis	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
	Amputation	0	0	0	0	1	2	0	0	0	0	1	2	0	0	0	0	0	0
	Other	0	0	0	1	3	7	0	0	0	1	2	6	0	0	0	0	0	1
	TOTAL- Pelvis/Hip	123	149	169	199	235	291	104	125	143	169	203	261	10	14	18	24	32	48
Femur/Knee	Incision	3	6	8	11	16	26	2	4	6	9	14	21	0	0	1	2	3	6
	Excision	4	6	7	11	16	25	2	4	6	8	13	20	0	1	1	2	3	6
	Intro or Removal	0	0	0	1	3	7	0	0	0	1	2	5	0	0	0	0	1	2
	Repair/Revise/Reconst	76	97	110	134	163	215	65	81	96	118	147	201	4	7	9	12	18	28
	Fracture/Dislocation	34	42	48	61	78	109	28	35	41	52	67	97	3	4	6	8	12	18
	Manipulation	2	4	5	8	12	21	1	2	3	5	8	15	0	0	1	2	3	8
	Arthrodesis	0	0	0	0	1	2	0	0	0	0	1	2	0	0	0	0	0	0
	Amputation	0	1	1	2	4	7	0	1	1	2	4	7	0	0	0	0	0	1
	Arthroscopy	76	98	119	156	193	278	71	90	111	147	181	263	1	3	4	7	12	23
	Other	0	0	0	1	3	7	0	0	0	1	2	5	0	0	0	0	0	2
	TOTAL- Femur/Knee	271	317	352	413	479	596	235	277	309	374	429	541	21	27	33	40	51	73

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 4]		Programs in the Nation: 149 Residents in the Nation: 616																	
		All Patients						Adult Only						Pediatric Only					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Leg/Ankle	Incision	6	10	12	18	25	36	3	5	7	10	15	25	1	2	3	6	9	16
	Excision	2	4	5	7	10	16	1	2	3	5	8	13	0	0	1	2	3	5
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/Revise/Reconst	18	23	27	35	47	69	9	13	15	20	28	45	4	6	8	12	18	31
	Fracture/Dislocation	55	68	77	93	116	151	49	60	68	84	106	139	2	4	5	8	11	17
	Manipulation	1	2	3	8	15	34	0	1	2	5	11	25	0	0	1	2	4	9
	Arthrodesis	1	1	2	4	5	9	1	1	2	3	5	9	0	0	0	0	0	0
	Amputation	1	2	3	5	8	14	1	2	2	5	8	14	0	0	0	0	1	2
	Arthroscopy	0	2	2	4	7	12	0	1	2	4	6	12	0	0	0	0	0	1
	Other	0	0	1	2	4	9	0	0	1	2	3	8	0	0	0	0	1	2
	TOTAL- Leg/Ankle	127	148	161	191	237	286	98	113	129	153	187	239	17	23	27	36	47	64
Foot/Toes	Incision	1	2	2	4	7	13	0	1	2	3	5	11	0	0	0	1	1	3
	Excision	3	5	7	11	17	25	2	4	5	9	13	22	0	1	1	2	3	5
	Intro or Removal	0	0	0	1	2	4	0	0	0	0	1	3	0	0	0	0	0	1
	Repair/Revise/Reconst	12	18	23	34	51	81	5	8	12	21	36	61	2	4	7	11	16	25
	Fracture/Dislocation	9	11	15	21	30	45	8	11	13	20	27	43	0	0	0	1	2	5
	Manipulation	0	0	0	1	2	5	0	0	0	1	2	4	0	0	0	0	0	1
	Arthrodesis	3	5	6	10	14	24	2	3	5	8	13	22	0	0	0	1	2	4
	Amputation	1	1	2	5	8	15	0	1	2	4	7	14	0	0	0	0	1	2
	Other	0	0	0	0	1	4	0	0	0	0	1	3	0	0	0	0	0	1
	TOTAL- Foot/Toes	47	61	74	101	131	184	32	42	54	76	106	153	7	10	14	19	26	40

**ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)**  
**Reporting Period: Total Experience of Residents Completing Programs in 2006-2007**  
**Residency Review Committee for Orthopaedic Surgery**

[PART 5 ]		Programs in the Nation: 149						Residents in the Nation: 616											
		All Patients						Adult Only						Pediatric Only					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Other Musculoskeletal	Incision	0	0	0	0	1	2	0	0	0	0	0	2	0	0	0	0	0	0
	Excision	0	1	1	3	5	12	0	0	1	2	4	9	0	0	0	1	1	4
	Intro or Removal	14	30	44	75	110	169	9	20	33	57	87	144	1	5	8	15	23	34
	Repair/Revise/Reconst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Fracture/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	2	0	0	0	0	0	2	0	0	0	0	0	0
	Other	4	9	16	33	63	158	2	3	6	17	33	97	1	3	5	13	25	68
	TOTAL- Other Musc	27	56	79	126	187	314	17	36	52	86	133	232	5	12	19	32	50	96
Spine	Excision- Spine	0	0	0	1	3	9	0	0	0	0	2	7	0	0	0	0	0	2
	Osteomy	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0
	Fracture/Dislocate	0	0	0	1	3	11	0	0	0	1	3	10	0	0	0	0	0	1
	Decompression	4	10	16	28	46	85	4	10	15	27	45	82	0	0	0	0	1	3
	Arthrodesis Anterior	2	4	6	10	16	30	1	3	5	9	15	28	0	0	0	0	1	3
	Arthrodesis Posterior	5	9	14	26	45	85	3	8	12	22	39	76	0	0	0	1	2	10
	Arthrodesis Deformity	1	2	3	7	11	22	0	0	0	1	2	5	0	1	2	5	9	18
	Exploration	0	0	0	1	2	5	0	0	0	0	1	4	0	0	0	0	0	1
	Instrumentation	5	9	14	24	39	75	1	4	8	15	28	60	1	2	3	7	11	21
	Other- Spine	0	0	0	1	2	6	0	0	0	1	2	4	0	0	0	0	0	2
	TOTAL- Spine	37	55	74	115	169	297	25	41	55	90	140	258	4	8	11	18	28	51

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

Reporting Period: Total Experience of Residents Completing Programs in 2006-2007

Residency Review Committee for Orthopaedic Surgery

[PART 6]		Programs in the Nation: 149 Residents in the Nation: 616																	
		All Patients						Adult Only						Pediatric Only					
		Percentiles						Percentiles						Percentiles					
		10	20	30	50	70	90	10	20	30	50	70	90	10	20	30	50	70	90
RRC Area	RRC Procedure																		
Integumentary System	Incision/Excision	4	11	22	61	109	200	3	10	20	55	96	183	0	1	2	5	11	21
	Repair (Closure)	0	1	2	5	13	33	0	0	1	4	12	29	0	0	0	0	2	5
	Skin Grafts	0	1	2	4	8	17	0	1	1	4	7	15	0	0	0	0	0	2
	Flaps	0	0	0	1	2	5	0	0	0	1	2	5	0	0	0	0	0	1
	Other- Integum	0	0	0	0	1	3	0	0	0	0	0	3	0	0	0	0	0	0
	TOTAL- Integumentary	8	20	34	74	136	246	7	17	28	66	119	225	0	1	3	7	14	27
Nervous System	Neuroplasty	4	6	8	12	18	28	4	6	8	11	17	26	0	0	0	0	1	2
	Transection or Avulsion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Incision/Excision-Nerve	0	0	0	1	2	5	0	0	0	1	2	5	0	0	0	0	0	0
	Neuro-rrhaphy	1	2	3	6	9	17	0	1	3	5	8	15	0	0	0	0	0	2
	Other- Nerve	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
	Carpal Tunnel	6	12	18	28	40	62	6	12	18	28	40	62	0	0	0	0	0	1
	TOTAL- Nerve	21	30	38	52	66	96	19	29	36	50	64	94	0	0	0	1	2	4
Oncology Procedures	TOTAL- Oncology	0	3	9	22	38	70	0	2	7	19	32	59	0	0	0	2	6	12
Microsurgery Procedures	TOTAL- Microsurgery	0	1	3	10	23	63	0	0	3	10	21	58	0	0	0	0	1	6
Miscellaneous	TOTAL- Misc	2	4	7	17	32	71	1	3	5	13	25	57	0	0	0	2	5	15
<b>TOTAL OF ALL PROCS</b>	<b>TOTAL- All Procs</b>	<b>1,265</b>	<b>1,473</b>	<b>1,610</b>	<b>1,870</b>	<b>2,199</b>	<b>2,681</b>	<b>1,063</b>	<b>1,227</b>	<b>1,361</b>	<b>1,586</b>	<b>1,875</b>	<b>2,276</b>	<b>144</b>	<b>177</b>	<b>208</b>	<b>264</b>	<b>344</b>	<b>494</b>