



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.

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.

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 1]		Programs in the Nation: 147							Residents in the Nation: 653														
		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	2.1	2	1	1	0	13	1,389	1.9	2	1	0	0	13	1,216	0.3	1	0	0	0	6	173	
	Excision	9.1	9	7	5	0	95	5,969	8.5	9	6	4	0	94	5,523	0.7	1	0	0	0	6	446	
	Intro or Removal	1.0	2	0	0	0	13	658	1.0	2	0	0	0	12	629	0.0	0	0	0	0	3	29	
	Repair/ Revise/ Reconst	36.7	21	33	18	2	182	23,956	35.7	21	32	15	2	175	23,323	1.0	2	0	0	0	24	633	
	Trauma	25.2	16	21	20	0	125	16,430	23.2	15	20	17	0	112	15,123	2.0	3	1	0	0	18	1,307	
	-- Fracture/ Dislocation	19.5	13	17	10	0	108	12,711	18.0	12	15	9	0	97	11,758	1.5	2	1	0	0	16	953	
	-- Manipulation	5.7	6	4	1	0	46	3,719	5.2	5	4	1	0	44	3,365	0.5	1	0	0	0	12	354	
	Arthrodesis	0.1	0	0	0	0	2	66	0.1	0	0	0	0	2	65	0.0	0	0	0	0	1	1	
	Amputation	0.2	0	0	0	0	3	124	0.2	0	0	0	0	3	115	0.0	0	0	0	0	1	9	
	Arthroscopy	112.2	71	96	61	2	540	73,294	110.5	70	94	76	2	537	72,129	1.8	3	1	0	0	40	1,165	
	Other	1.0	2	0	0	0	27	656	1.0	2	0	0	0	27	626	0.0	0	0	0	0	3	30	
	TOTAL- Shoulder	187.7	89	172	149	15	655	122,542	181.9	88	166	177	14	647	118,749	5.8	6	5	2	0	47	3,793	
Humerus/Elbow	Incision	3.7	4	3	1	0	24	2,441	3.2	3	2	1	0	22	2,077	0.6	1	0	0	0	6	364	
	Excision	6.4	4	6	5	0	30	4,206	5.4	4	5	4	0	23	3,501	1.1	1	1	0	0	8	705	
	Intro or Removal	1.6	2	1	0	0	23	1,017	1.1	1	1	0	0	15	687	0.5	1	0	0	0	8	330	
	Repair/ Revise/ Reconst	13.2	8	12	11	0	73	8,618	11.9	7	11	9	0	64	7,788	1.3	2	1	0	0	13	830	
	Trauma	55.4	29	50	33	8	224	36,183	29.7	16	26	20	4	123	19,383	25.7	18	22	23	1	174	16,800	
	-- Fracture/ Dislocation	47.1	24	43	38	7	178	30,784	25.5	13	23	20	3	107	16,624	21.7	16	19	18	0	164	14,160	
	-- Manipulation	8.3	10	5	0	0	86	5,399	4.2	6	2	0	0	49	2,759	4.0	6	2	0	0	58	2,640	
	Arthrodesis	0.0	0	0	0	0	3	27	0.0	0	0	0	0	3	26	0.0	0	0	0	0	1	1	
	Amputation	0.4	1	0	0	0	6	256	0.3	1	0	0	0	6	222	0.1	0	0	0	0	3	34	
	Arthroscopy	3.0	4	2	0	0	32	1,981	2.5	3	2	0	0	25	1,649	0.5	1	0	0	0	9	332	
	Other	1.0	3	0	0	0	26	657	0.8	2	0	0	0	25	497	0.2	1	0	0	0	15	160	
	TOTAL- Humerus/Elbow	84.8	36	79	54	15	307	55,386	54.9	24	51	39	9	225	35,830	29.9	20	26	23	1	184	19,556	

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 2]		Programs in the Nation: 147 Residents in the Nation: 653																				
		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	6.7	5	5	5	0	41	4,399	6.2	5	5	5	0	39	4,056	0.5	1	0	0	0	9	343
	Excision	12.6	9	11	12	0	89	8,221	11.3	8	10	8	0	87	7,390	1.3	2	1	0	0	10	831
	Intro or Removal	1.2	2	1	0	0	11	779	1.0	1	0	0	0	11	650	0.2	1	0	0	0	5	129
	Repair/ Revise/ Reconst	20.6	15	17	14	0	105	13,474	17.8	13	14	9	0	87	11,630	2.8	4	1	0	0	26	1,844
	Trauma	89.8	50	81	47	10	379	58,649	60.8	33	54	53	3	241	39,682	29.0	28	22	5	0	319	18,967
	-- Fracture/ Dislocation	55.6	28	50	45	7	192	36,327	46.0	24	41	35	3	165	30,021	9.7	9	7	5	0	93	6,306
	-- Manipulation	34.2	37	24	0	0	313	22,322	14.8	19	7	0	0	115	9,661	19.4	25	11	0	0	312	12,661
	Arthrodesis	2.2	2	2	1	0	12	1,459	2.1	2	1	1	0	12	1,343	0.2	0	0	0	0	4	116
	Amputation	0.4	1	0	0	0	5	248	0.4	1	0	0	0	4	230	0.0	0	0	0	0	2	18
	Arthroscopy	5.7	6	4	0	0	53	3,737	5.5	6	4	0	0	53	3,579	0.2	1	0	0	0	9	158
	Other	1.4	5	0	0	0	80	887	1.2	5	0	0	0	79	759	0.2	1	0	0	0	9	128
	TOTAL- Forearm/Wrist	140.7	62	128	89	15	465	91,853	106.2	47	98	75	5	321	69,319	34.5	29	27	5	0	320	22,534
Hand/Fingers	Incision	27.4	17	25	11	0	113	17,865	25.0	16	22	21	0	111	16,305	2.4	2	2	0	0	19	1,560
	Excision	15.1	10	13	11	0	52	9,877	14.0	9	12	11	0	47	9,122	1.2	2	1	0	0	15	755
	Intro or Removal	1.2	2	1	0	0	14	807	1.1	2	0	0	0	14	732	0.1	1	0	0	0	9	75
	Repair/ Revise/ Reconst	29.5	19	26	23	0	123	19,287	24.5	16	21	16	0	116	15,971	5.1	6	3	1	0	47	3,316
	Trauma	33.5	27	27	18	2	262	21,875	28.2	24	22	13	0	228	18,415	5.3	6	3	1	0	52	3,460
	-- Fracture/ Dislocation	25.9	17	22	13	0	153	16,888	22.5	15	18	15	0	125	14,681	3.4	4	2	1	0	28	2,207
	-- Manipulation	7.6	17	3	0	0	224	4,987	5.7	15	2	0	0	199	3,734	1.9	4	1	0	0	44	1,253
	Arthrodesis	3.8	3	3	1	0	20	2,461	3.5	3	3	1	0	19	2,306	0.2	1	0	0	0	8	155
	Amputation	6.6	6	5	2	0	33	4,310	5.8	6	4	1	0	30	3,765	0.8	1	0	0	0	12	545
	Other	1.8	4	1	0	0	46	1,183	1.6	4	0	0	0	46	1,013	0.3	1	0	0	0	7	170
	TOTAL- Hand/Fingers	118.9	59	110	65	3	371	77,665	103.6	53	93	61	0	319	67,629	15.4	12	12	8	0	74	10,036

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 3]		Programs in the Nation: 147							Residents in the Nation: 653													
		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	12.9	8	11	6	0	52	8,441	5.9	5	5	2	0	31	3,847	7.0	6	5	2	0	48	4,594
	Excision	5.1	5	4	3	0	39	3,301	4.2	4	3	2	0	39	2,723	0.9	1	0	0	0	9	578
	Intro or Removal	5.9	5	5	2	0	48	3,836	3.2	4	2	2	0	48	2,104	2.7	3	2	0	0	22	1,732
	Repair/ Revise/ Reconst	98.7	42	95	63	19	314	64,468	88.0	42	82	55	9	307	57,457	10.7	7	9	7	0	51	7,011
	Trauma	77.1	37	70	61	7	271	50,362	72.3	36	65	55	6	258	47,199	4.8	4	4	5	0	34	3,163
	-- Fracture/ Dislocation	68.7	34	62	62	7	246	44,867	65.4	33	58	50	5	236	42,680	3.3	3	3	1	0	25	2,187
	-- Manipulation	8.4	8	7	4	0	57	5,495	6.9	7	5	2	0	54	4,519	1.5	2	1	0	0	16	976
	Arthrodesis	0.3	1	0	0	0	20	198	0.3	1	0	0	0	20	166	0.0	0	0	0	0	2	32
	Amputation	0.5	1	0	0	0	7	296	0.4	1	0	0	0	7	266	0.0	0	0	0	0	2	30
	Other	3.3	5	2	0	0	58	2,150	2.6	4	1	0	0	47	1,694	0.7	2	0	0	0	15	456
	TOTAL- Pelvis/Hip	203.8	67	196	172	46	463	133,052	176.8	65	169	172	22	437	115,456	26.9	15	24	22	1	113	17,596
Femur/Knee	Incision	12.2	9	10	4	0	57	7,986	9.7	7	8	6	0	52	6,327	2.5	3	2	0	0	27	1,659
	Excision	13.6	9	12	6	0	65	8,857	10.8	8	9	4	0	54	7,027	2.8	3	2	1	0	15	1,830
	Intro or Removal	2.1	3	1	0	0	31	1,360	1.5	2	1	0	0	19	984	0.6	1	0	0	0	15	376
	Repair/ Revise/ Reconst	145.4	57	136	121	32	398	94,957	130.6	56	120	106	26	393	85,262	14.8	10	13	13	0	73	9,695
	Trauma	73.8	34	65	64	12	214	48,184	61.7	29	55	46	9	183	40,287	12.1	8	10	7	0	54	7,897
	-- Fracture/ Dislocation	62.1	29	56	46	6	181	40,578	53.1	26	47	45	5	160	34,674	9.0	6	8	7	0	47	5,904
	-- Manipulation	11.6	11	9	7	0	104	7,606	8.6	9	6	5	0	99	5,613	3.1	3	2	0	0	19	1,993
	Arthrodesis	0.5	1	0	0	0	5	348	0.5	1	0	0	0	5	325	0.0	0	0	0	0	2	23
	Amputation	3.0	3	2	1	0	23	1,974	2.8	3	2	1	0	23	1,813	0.2	1	0	0	0	4	161
	Arthroscopy	178.3	96	163	158	17	1,111	116,401	164.6	92	147	99	14	1,106	107,512	13.6	13	10	4	0	109	8,889
	Other	2.6	5	1	0	0	47	1,699	1.9	4	1	0	0	45	1,226	0.7	2	0	0	0	17	473
	TOTAL- Femur/Knee	431.5	129	412	338	136	1,277	281,766	384.0	122	369	344	108	1,270	250,763	47.5	25	43	35	2	223	31,003

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 4]		Programs in the Nation: 147							Residents in the Nation: 653														
		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	19.2	12	17	9	0	88	12,520	11.5	10	9	5	0	71	7,491	7.7	7	6	4	0	56	5,029	
	Excision	8.7	6	7	4	0	40	5,659	6.3	5	5	4	0	34	4,130	2.3	3	2	0	0	23	1,529	
	Intro or Removal	0.1	1	0	0	0	6	74	0.1	0	0	0	0	6	48	0.0	0	0	0	0	2	26	
	Repair/ Revise/ Reconst	41.6	22	39	27	0	163	27,152	26.2	17	23	16	0	152	17,097	15.4	12	12	6	0	113	10,055	
	Trauma	116.1	50	104	83	21	432	75,827	102.3	45	94	71	16	305	66,827	13.8	13	11	9	0	184	9,000	
	-- Fracture/ Dislocation	97.0	37	90	82	19	253	63,335	87.8	35	81	74	14	230	57,342	9.2	6	8	6	0	51	5,993	
	-- Manipulation	19.1	26	12	0	0	325	12,492	14.5	20	7	0	0	172	9,485	4.6	10	3	0	0	171	3,007	
	Arthrodesis	4.0	3	3	1	0	28	2,602	3.9	3	3	1	0	28	2,547	0.1	0	0	0	0	3	55	
	Amputation	5.7	5	4	4	0	35	3,747	5.2	5	4	3	0	35	3,428	0.5	1	0	0	0	6	319	
	Arthroscopy	6.3	5	5	2	0	36	4,124	5.9	5	4	2	0	34	3,837	0.4	1	0	0	0	8	287	
	Other	3.8	8	2	0	0	88	2,465	3.1	7	1	0	0	84	2,046	0.6	2	0	0	0	33	419	
	TOTAL- Leg/Ankle	205.5	67	197	174	38	484	134,170	164.5	58	156	135	28	392	107,451	40.9	23	37	45	0	187	26,719	
Foot/Toes	Incision	5.4	5	4	1	0	33	3,558	4.3	4	3	1	0	28	2,799	1.2	2	1	0	0	12	759	
	Excision	12.5	9	11	7	0	59	8,185	9.9	8	8	6	0	57	6,441	2.7	2	2	1	0	17	1,744	
	Intro or Removal	1.5	2	1	0	0	17	959	1.0	2	0	0	0	17	660	0.5	1	0	0	0	5	299	
	Repair/ Revise/ Reconst	40.5	29	34	26	0	253	26,425	27.6	25	21	8	0	241	18,010	12.9	12	10	5	0	92	8,415	
	Trauma	26.1	18	22	22	0	127	17,027	23.9	17	20	22	0	121	15,585	2.2	3	1	0	0	19	1,442	
	-- Fracture/ Dislocation	23.8	16	20	17	0	110	15,512	21.8	15	18	13	0	105	14,260	1.9	2	1	0	0	19	1,252	
	-- Manipulation	2.3	4	1	0	0	45	1,515	2.0	4	1	0	0	45	1,325	0.3	1	0	0	0	7	190	
	Arthrodesis	12.5	10	10	4	0	77	8,175	10.9	10	9	4	0	74	7,102	1.6	3	1	0	0	21	1,073	
	Amputation	5.7	6	4	0	0	37	3,696	5.0	6	3	0	0	37	3,266	0.7	1	0	0	0	9	430	
	Other	1.5	3	0	0	0	53	1,008	1.1	3	0	0	0	51	707	0.5	1	0	0	0	8	301	
	TOTAL- Foot/Toes	105.7	54	96	101	9	430	69,033	83.6	50	74	60	6	410	54,570	22.1	16	18	13	1	132	14,463	

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 5]		Programs in the Nation: 147							Residents in the Nation: 653													
		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	0.6	2	0	0	0	20	413	0.5	1	0	0	0	17	341	0.1	0	0	0	0	5	72
	Excision	5.1	6	3	0	0	51	3,329	3.8	5	2	0	0	44	2,487	1.3	2	1	0	0	11	842
	Intro or Removal	97.9	65	89	66	0	370	63,960	79.5	58	69	0	0	353	51,892	18.5	14	17	0	0	83	12,068
	Repair/ Revise/ Reconst	0.0	0	0	0	0	1	6	0.0	0	0	0	0	1	5	0.0	0	0	0	0	1	1
	Trauma	0.1	0	0	0	0	6	33	0.0	0	0	0	0	5	31	0.0	0	0	0	0	1	2
	Fracture / Dislocation	0.1	0	0	0	0	6	33	0.0	0	0	0	0	5	31	0.0	0	0	0	0	1	2
	Arthroscopy	1.0	2	0	0	0	24	657	0.9	2	0	0	0	22	589	0.1	0	0	0	0	6	68
	Other	84.3	119	40	4	0	937	55,074	47.2	80	17	1	0	609	30,800	37.2	49	18	0	0	351	24,274
	TOTAL- Other Musc	189.1	155	154	22	1	1,241	123,472	131.9	113	102	86	1	879	86,145	57.2	56	41	20	0	378	37,327
Spine	Excision- Spine	4.7	10	1	0	0	100	3,055	2.1	5	0	0	0	64	1,351	2.6	8	0	0	0	91	1,704
	Osteomy	0.4	1	0	0	0	15	256	0.3	1	0	0	0	15	167	0.1	1	0	0	0	12	89
	Fracture/Dislocate	5.6	13	2	0	0	118	3,652	5.2	12	1	0	0	118	3,408	0.4	1	0	0	0	15	244
	Decompression	44.1	39	35	26	0	372	28,827	43.1	38	34	25	0	372	28,121	1.1	2	0	0	0	21	706
	Arthrodesis Anterior	14.3	14	11	2	0	104	9,338	13.6	13	10	2	0	104	8,912	0.7	2	0	0	0	18	426
	Arthrodesis Posterior	39.3	38	27	0	0	237	25,632	34.5	33	25	0	0	233	22,561	4.7	12	1	0	0	153	3,071
	Arthrodesis Deformity	9.5	9	7	1	0	75	6,232	2.2	5	1	0	0	66	1,454	7.3	7	5	0	0	55	4,778
	Exploration	1.7	2	1	0	0	17	1,105	1.3	2	0	0	0	16	825	0.4	1	0	0	0	5	280
	Instrumentation	37.1	32	27	24	0	213	24,199	26.7	28	20	1	0	185	17,456	10.3	10	8	4	0	67	6,743
	Other- Spine	2.3	4	1	0	0	65	1,532	1.3	3	0	0	0	55	860	1.0	2	0	0	0	15	672
	TOTAL- Spine	159.0	112	133	121	2	725	103,828	130.3	102	104	94	0	671	85,115	28.7	26	22	6	0	205	18,713

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 6]		Programs in the Nation: 147							Residents in the Nation: 653													
		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	84.7	71	69	0	0	484	55,325	75.7	66	60	1	0	479	49,400	9.1	9	7	0	0	66	5,925
	Repair (Closure)	11.9	17	6	0	0	148	7,799	10.3	15	5	0	0	140	6,753	1.6	3	0	0	0	16	1,046
	Skin Grafts	5.8	7	4	0	0	41	3,772	5.2	6	3	0	0	41	3,418	0.5	1	0	0	0	16	354
	Flaps	1.7	2	1	0	0	17	1,125	1.6	2	1	0	0	17	1,021	0.2	0	0	0	0	4	104
	Other- Integum	1.2	4	0	0	0	55	758	0.9	4	0	0	0	50	612	0.2	1	0	0	0	6	146
	TOTAL- Integumentary	105.3	87	87	1	0	614	68,779	93.7	80	73	1	0	608	61,204	11.6	11	8	0	0	92	7,575
Nervous System	Neuroplasty	13.4	10	11	12	0	71	8,780	12.8	9	11	7	0	71	8,363	0.6	1	0	0	0	7	417
	Transection or Avulsion	0.1	1	0	0	0	10	64	0.1	0	0	0	0	10	41	0.0	0	0	0	0	5	23
	Incision/Excision-Nerve	1.6	2	1	0	0	18	1,025	1.5	2	1	0	0	18	965	0.1	0	0	0	0	3	60
	Neurorrhaphy	5.5	6	4	0	0	45	3,618	5.0	5	3	0	0	44	3,291	0.5	2	0	0	0	35	327
	Other- Nerve	0.2	1	0	0	0	13	127	0.2	0	0	0	0	4	98	0.0	0	0	0	0	12	29
	Carpal Tunnel	31.6	23	27	18	0	185	20,641	31.3	23	27	18	0	185	20,453	0.3	1	0	0	0	7	188
	TOTAL- Nerve	52.5	31	47	42	0	223	34,255	50.9	30	46	41	0	220	33,211	1.6	3	1	0	0	38	1,044
Oncology Procs	TOTAL- Oncology	35.3	35	26	0	0	206	23,022	29.5	30	22	0	0	191	19,256	5.8	7	3	0	0	40	3,766
Microsurgery Procs	TOTAL- Microsurgery	27.4	63	9	0	0	662	17,887	25.4	59	8	0	0	616	16,556	2.0	6	0	0	0	65	1,331
Miscellaneous	TOTAL- Misc	51.4	61	34	9	0	646	33,564	43.4	52	28	0	0	524	28,343	8.0	14	4	0	0	122	5,221
Trauma	TOTAL- Trauma	497.0	206	453	318	70	1,472	324,570	402.0	170	359	293	44	1,157	262,532	95.0	63	81	70	8	594	62,038
TOTAL OF ALL PROCS	TOTAL- All Procs	2,035.8	548	1,980	1,655	352	4,760	1,329,365	1,705.6	466	1,659	1,160	284	3,833	1,113,785	330.1	160	307	215	32	1,118	215,580

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 1]		Programs in the Nation: 147 Residents in the Nation: 653																	
		All Patients						Adult Only						Pediatric Only					
		Resident Percentiles						Resident Percentiles						Resident 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	1	3	5	0	0	1	1	2	4	0	0	0	0	0	1
	Excision	2	3	4	7	10	19	1	2	4	6	9	18	0	0	0	0	1	2
	Intro or Removal	0	0	0	0	1	3	0	0	0	0	1	3	0	0	0	0	0	0
	Repair/ Revise/ Reconst	13	18	23	33	45	63	13	18	22	32	44	63	0	0	0	0	1	3
	Trauma	10	13	16	21	28	46	9	12	15	20	25	43	0	0	1	1	2	5
	-- Fracture/ Dislocation	8	10	12	17	22	35	7	9	11	15	21	33	0	0	0	1	2	4
	-- Manipulation	1	1	2	4	7	13	0	1	2	4	6	12	0	0	0	0	1	2
	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	1	0	0	0	0	0	1	0	0	0	0	0	0
	Arthroscopy	41	55	69	96	133	204	40	54	68	94	131	200	0	0	0	1	2	5
	Other	0	0	0	0	1	3	0	0	0	0	1	3	0	0	0	0	0	0
	TOTAL- Shoulder	95	116	136	172	217	305	90	112	131	166	212	298	1	2	3	5	7	12
Humerus/Elbow	Incision	0	1	1	3	4	9	0	1	1	2	4	7	0	0	0	0	1	2
	Excision	2	3	4	6	8	11	1	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	1	2
	Repair/ Revise/ Reconst	5	7	9	12	16	22	4	6	8	11	14	21	0	0	0	1	2	3
	Trauma	26	33	39	50	64	91	14	17	20	26	33	51	7	11	15	22	31	48
	-- Fracture/ Dislocation	23	29	34	43	54	74	12	15	18	23	29	42	6	9	13	19	26	42
	-- Manipulation	0	1	2	5	9	20	0	0	1	2	5	12	0	0	1	2	5	10
	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	1	0	0	0	0	0	1	0	0	0	0	0	0
	Arthroscopy	0	0	1	2	3	7	0	0	0	2	3	6	0	0	0	0	0	2
	Other	0	0	0	0	1	2	0	0	0	0	1	2	0	0	0	0	0	1
	TOTAL- Humerus/Elbow	47	55	62	79	97	127	31	36	40	51	64	82	10	14	18	26	36	55

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 2]		Programs in the Nation: 147 Residents in the Nation: 653																	
		All Patients						Adult Only						Pediatric Only					
		Resident Percentiles						Resident Percentiles						Resident 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	1	3	4	5	8	13	1	2	3	5	7	12	0	0	0	0	1	2
	Excision	4	6	7	11	15	23	3	5	7	10	14	21	0	0	0	1	2	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	17	25	39	5	7	9	14	22	35	0	0	0	1	3	7
	Trauma	37	48	59	81	106	153	27	33	40	54	71	108	4	8	11	22	36	60
	-- Fracture/ Dislocation	28	34	39	50	63	89	22	27	32	41	53	77	2	3	4	7	11	20
	-- Manipulation	2	4	8	24	44	78	0	1	2	7	19	38	0	2	4	11	24	47
	Arthrodesis	0	0	1	2	3	5	0	0	1	1	3	5	0	0	0	0	0	1
	Amputation	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
	Arthroscopy	0	1	2	4	7	12	0	1	2	4	7	12	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	76	89	103	128	166	226	55	68	77	98	122	171	7	12	17	27	43	68
Hand/Fingers	Incision	10	13	17	25	32	50	8	11	15	22	30	47	0	0	1	2	3	6
	Excision	4	7	9	13	18	28	4	6	8	12	17	26	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	0
	Repair/ Revise/ Reconst	10	14	18	26	35	54	8	11	14	21	29	45	0	1	1	3	6	13
	Trauma	11	15	19	27	37	61	9	12	15	22	31	55	0	1	2	3	6	11
	-- Fracture/ Dislocation	9	13	16	22	30	47	8	10	13	18	26	42	0	1	1	2	4	8
	-- Manipulation	0	0	1	3	7	18	0	0	0	2	5	14	0	0	0	1	2	5
	Arthrodesis	0	1	2	3	5	8	0	1	1	3	4	8	0	0	0	0	0	1
	Amputation	1	2	3	5	8	14	1	1	2	4	7	13	0	0	0	0	1	3
	Other	0	0	0	1	2	5	0	0	0	0	1	4	0	0	0	0	0	1
	TOTAL- Hand/Fingers	56	70	83	110	140	194	46	61	71	93	123	172	4	6	8	12	18	30

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 3]		Programs in the Nation: 147 Residents in the Nation: 653																	
		All Patients						Adult Only						Pediatric Only					
		Resident Percentiles						Resident Percentiles						Resident 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	11	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	8	0	0	1	2	3	7
	Repair/ Revise/ Reconst	52	63	73	95	112	151	42	54	64	82	101	140	3	5	7	9	13	20
	Trauma	39	48	56	70	86	128	35	44	52	65	81	121	1	2	2	4	6	10
	-- Fracture/ Dislocation	34	43	50	62	77	113	31	40	47	58	74	109	0	1	1	3	4	7
	-- Manipulation	1	3	4	7	10	19	1	2	3	5	8	16	0	0	0	1	2	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	1	0	0	0	0	0	1	0	0	0	0	0	0
	Other	0	0	1	2	3	8	0	0	0	1	3	6	0	0	0	0	1	2
	TOTAL- Pelvis/Hip	125	147	168	196	227	296	99	126	141	169	198	266	10	14	18	24	33	46
Femur/Knee	Incision	3	5	7	10	15	23	2	4	5	8	12	19	0	0	1	2	3	6
	Excision	4	6	8	12	16	25	3	4	6	9	13	21	0	1	1	2	4	6
	Intro or Removal	0	0	0	1	2	5	0	0	0	1	2	4	0	0	0	0	0	2
	Repair/ Revise/ Reconst	83	101	115	136	162	221	70	87	99	120	146	206	4	7	9	13	18	27
	Trauma	40	47	54	65	85	116	32	39	45	55	70	100	4	6	7	10	15	22
	-- Fracture/ Dislocation	32	38	45	56	72	98	26	32	38	47	62	84	3	4	5	8	10	17
	-- Manipulation	3	4	6	9	13	23	2	3	4	6	10	17	0	0	1	2	4	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	0	1	2	3	7	0	0	0	0	0	1
	Arthroscopy	85	105	127	163	201	291	74	96	115	147	185	276	2	4	6	10	17	31
	Other	0	0	0	1	2	6	0	0	0	1	2	4	0	0	0	0	1	2
	TOTAL- Femur/Knee	289	327	360	412	483	590	249	288	317	369	431	535	21	28	33	43	55	79

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 4]		Programs in the Nation: 147 Residents in the Nation: 653																	
		All Patients						Adult Only						Pediatric Only					
		Resident Percentiles						Resident Percentiles						Resident 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	7	9	12	17	22	36	3	5	6	9	13	23	1	2	4	6	9	16
	Excision	2	4	5	7	11	16	1	2	3	5	8	13	0	0	1	2	3	6
	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	24	28	39	49	66	9	14	16	23	31	44	3	6	8	12	19	30
	Trauma	66	77	86	104	132	178	56	67	75	94	118	160	4	6	8	11	16	25
	-- Fracture/ Dislocation	56	67	76	90	110	145	50	60	68	81	101	134	3	4	5	8	11	17
	-- Manipulation	1	3	5	12	21	43	1	2	3	7	16	35	0	0	1	3	5	10
	Arthrodesis	0	1	2	3	5	8	0	1	2	3	5	8	0	0	0	0	0	0
	Amputation	1	2	3	4	7	13	0	1	2	4	7	11	0	0	0	0	1	2
	Arthroscopy	1	2	3	5	8	14	1	2	2	4	7	13	0	0	0	0	0	2
	Other	0	0	1	2	3	8	0	0	1	1	3	7	0	0	0	0	1	2
	TOTAL- Leg/Ankle	128	150	169	197	233	289	100	117	132	156	188	240	17	23	28	37	48	68
Foot/Toes	Incision	1	1	2	4	7	12	0	1	2	3	5	10	0	0	0	1	1	3
	Excision	4	6	7	11	15	23	2	3	5	8	12	19	0	1	1	2	4	6
	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	24	34	48	75	4	8	12	21	34	57	2	4	6	10	15	27
	Trauma	9	13	16	22	30	48	8	11	14	20	28	44	0	0	0	1	3	5
	-- Fracture/ Dislocation	8	11	15	20	28	43	7	10	13	18	26	41	0	0	0	1	2	5
	-- Manipulation	0	0	0	1	2	6	0	0	0	1	2	5	0	0	0	0	0	1
	Arthrodesis	3	4	6	10	15	23	2	3	5	9	13	22	0	0	0	1	2	4
	Amputation	0	1	2	4	7	14	0	1	1	3	6	12	0	0	0	0	1	2
	Other	0	0	0	0	1	4	0	0	0	0	1	3	0	0	0	0	0	2
	TOTAL- Foot/Toes	48	63	74	96	125	178	30	45	54	74	99	148	7	10	13	18	26	42

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 5]		Programs in the Nation: 147 Residents in the Nation: 653																	
		All Patients						Adult Only						Pediatric Only					
		Resident Percentiles						Resident Percentiles						Resident 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	0	2	0	0	0	0	0	1	0	0	0	0	0	0
	Excision	0	1	1	3	6	13	0	0	1	2	4	10	0	0	0	1	2	4
	Intro or Removal	21	42	61	89	121	185	14	32	47	69	97	158	2	7	10	17	24	37
	Repair/ Revise/ Reconst	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 / Dislocation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthroscopy	0	0	0	0	1	3	0	0	0	0	1	3	0	0	0	0	0	0
	Other	5	12	19	40	83	199	1	4	7	17	43	114	1	4	8	18	41	98
	TOTAL- Other Musc	42	77	97	154	220	354	27	51	67	102	152	274	8	17	24	41	67	125
Spine	Excision- Spine	0	0	0	1	4	12	0	0	0	0	2	6	0	0	0	0	1	6
	Osteomy	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
	Fracture/Dislocate	0	0	1	2	4	13	0	0	0	1	4	11	0	0	0	0	0	1
	Decompression	9	17	23	35	51	87	8	15	22	34	49	85	0	0	0	0	1	3
	Arthrodesis Anterior	2	4	6	11	18	30	1	3	6	10	16	29	0	0	0	0	0	2
	Arthrodesis Posterior	4	10	15	27	47	89	3	8	13	25	41	77	0	0	0	1	2	13
	Arthrodesis Deformity	1	2	4	7	12	20	0	0	0	1	2	5	0	1	3	5	9	16
	Exploration	0	0	0	1	2	5	0	0	0	0	1	4	0	0	0	0	0	1
	Instrumentation	6	11	17	27	45	82	2	5	9	20	33	59	1	2	4	8	12	23
	Other- Spine	0	0	0	1	2	6	0	0	0	0	1	3	0	0	0	0	1	3
TOTAL- Spine	46	72	91	133	189	300	28	53	71	104	154	252	6	9	14	22	34	58	

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2009-2010

Residency Review Committee for Orthopaedic Surgery

Report Date: October 6, 2010

[PART 6]		Programs in the Nation: 147 Residents in the Nation: 653																	
		All Patients						Adult Only						Pediatric Only					
		Resident Percentiles						Resident Percentiles						Resident 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	8	21	36	69	109	194	6	17	33	60	97	175	0	2	3	7	11	21
	Repair (Closure)	0	1	2	6	13	31	0	0	1	5	12	26	0	0	0	0	2	5
	Skin Grafts	0	1	2	4	7	14	0	1	1	3	6	13	0	0	0	0	0	2
	Flaps	0	0	0	1	2	5	0	0	0	1	2	4	0	0	0	0	0	1
	Other- Integum	0	0	0	0	1	3	0	0	0	0	0	2	0	0	0	0	0	1
	TOTAL- Integumentary		12	30	47	87	134	236	10	24	42	73	120	212	1	3	4	8	15
Nervous System	Neuroplasty	4	6	8	11	15	26	3	6	7	11	15	25	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	4	0	0	0	1	2	4	0	0	0	0	0	0
	Neurorrhaphy	0	1	2	4	7	13	0	1	2	3	6	12	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	8	14	19	27	37	57	8	14	18	27	37	56	0	0	0	0	0	1
	TOTAL- Nerve		21	28	35	47	62	88	20	27	34	46	59	87	0	0	0	1	2
Oncology Procs	TOTAL- Oncology	0	5	12	26	45	85	0	3	9	22	39	72	0	0	1	3	7	16
Microsurgery Procs	TOTAL- Microsurgery	0	1	3	9	20	61	0	0	2	8	19	59	0	0	0	0	1	6
Miscellaneous	TOTAL- Misc	7	13	21	34	56	111	5	10	16	28	46	98	0	1	2	4	8	19
Trauma	TOTAL- Trauma	284	341	374	453	555	768	237	271	301	359	453	652	32	46	59	81	115	171
TOTAL OF ALL PROCS	TOTAL- All Procs	1,426	1,601	1,747	1,980	2,242	2,707	1,182	1,345	1,456	1,659	1,887	2,291	163	196	230	307	387	530