



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.

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.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 15, 2014

[PART 1]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	1.6	2	0	1	17	1.4	2	0	1	16	0.2	0	0	0	3
	Excision	5.4	5	0	4	34	4.8	5	0	4	33	0.6	1	0	0	5
	Intro or Removal	1.0	2	0	0	13	0.9	1	0	0	12	0.0	0	0	0	2
	Repair/ Revisn/ Reconst	24.2	17	1	20	141	23.7	16	1	19	140	0.6	1	0	0	8
	Trauma	27.9	16	1	25	151	25.2	15	1	22	125	2.7	3	0	2	26
	--Fracture and/or Dislocation	22.5	14	0	20	138	20.5	12	0	18	115	2.1	2	0	1	23
	--Manipulation	5.4	5	0	4	45	4.8	5	0	3	43	0.6	1	0	0	11
	Arthrodesis	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	1
	Amputation	0.2	0	0	0	3	0.2	0	0	0	3	0.0	0	0	0	1
	Arthroscopy	65.1	32	14	60	203	63.6	31	13	59	200	1.5	2	0	1	12
	Other Procedures	0.4	1	0	0	19	0.4	1	0	0	19	0.0	0	0	0	2
	TOTAL-Shoulder		125.9	48	35	119	300	120.2	46	32	112	287	5.6	4	0	5
Humerus/Elbow	Incision	2.4	3	0	2	32	2.0	2	0	1	30	0.4	1	0	0	7
	Excision	4.9	3	0	4	20	4.1	3	0	4	18	0.8	1	0	0	7
	Intro or Removal	1.2	1	0	1	11	0.8	1	0	0	8	0.4	1	0	0	6
	Repair/ Revisn/ Reconst	9.9	5	0	9	36	9.2	5	0	8	35	0.7	1	0	0	6
	Trauma	53.4	22	13	50	194	26.4	12	1	24	101	27.0	15	2	24	151
	--Fracture and/or Dislocation	45.4	18	12	42	122	22.2	10	1	21	82	23.2	13	2	20	71
	--Manipulation	8.0	8	0	6	94	4.1	5	0	2	44	3.9	5	0	3	89
	Arthrodesis	0.0	0	0	0	2	0.0	0	0	0	2	0.0	0	0	0	0
	Amputation	0.4	1	0	0	5	0.3	1	0	0	5	0.0	0	0	0	1
	Arthroscopy	2.1	2	0	2	18	1.8	2	0	1	18	0.4	1	0	0	4
	Other Procedures	0.4	1	0	0	12	0.3	1	0	0	11	0.1	0	0	0	4
	TOTAL-Humerus/Elbow		74.7	25	22	71	216	45.0	16	2	42	122	29.7	15	5	27

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 15, 2014

[PART 2]		Programs in the Nation: 151 Residents in the Nation: 684															
		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	4.9	4	0	4	56	4.6	4	0	4	56	0.3	1	0	0	7	
	Excision	11.3	7	0	10	47	10.0	6	0	9	43	1.2	1	0	1	13	
	Intro or Removal	0.8	1	0	0	10	0.7	1	0	0	10	0.1	0	0	0	3	
	Repair/ Revisn/ Reconst	10.4	8	0	8	77	9.3	8	0	7	77	1.1	1	0	1	7	
	Trauma	88.1	37	21	80	259	56.0	27	2	52	218	32.1	20	0	27	138	
	--Fracture and/or Dislocation	46.7	23	1	43	233	37.5	19	0	34	201	9.2	9	0	7	87	
	--Manipulation	41.5	26	0	33	206	18.6	17	0	15	190	22.9	18	0	19	108	
	Arthrodesis	1.3	2	0	1	13	1.3	2	0	1	13	0.1	0	0	0	3	
	Amputation	0.3	1	0	0	4	0.3	1	0	0	4	0.0	0	0	0	1	
	Arthroscopy	4.6	5	0	3	46	4.5	5	0	3	46	0.2	0	0	0	4	
	Other Procedures	0.5	2	0	0	27	0.5	2	0	0	27	0.1	0	0	0	5	
		TOTAL-Forearm/Wrist	122.3	43	33	116	287	87.1	35	3	83	244	35.2	21	1	31	140
Hand/Fingers	Incision	22.6	13	1	21	90	20.3	12	0	18	83	2.3	2	0	2	15	
	Excision	13.2	9	0	11	85	12.1	9	0	10	82	1.1	1	0	1	7	
	Intro or Removal	1.3	3	0	0	29	1.2	2	0	0	29	0.1	0	0	0	3	
	Repair/ Revisn/ Reconst	14.9	9	0	13	60	12.3	8	0	10	48	2.7	3	0	2	17	
	Trauma	28.5	18	0	24	133	22.9	15	0	19	129	5.7	6	0	4	60	
	--Fracture and/or Dislocation	21.3	13	0	18	72	17.6	11	0	15	71	3.7	4	0	3	35	
	--Manipulation	7.2	9	0	4	77	5.2	8	0	2	74	2.0	3	0	1	57	
	Arthrodesis	2.4	2	0	2	14	2.3	2	0	2	13	0.1	0	0	0	3	
	Amputation	5.3	5	0	4	30	4.6	4	0	4	29	0.7	1	0	0	7	
	Other Procedures	1.0	2	0	0	34	0.8	2	0	0	32	0.2	1	0	0	9	
		TOTAL-Hand/Fingers	89.2	39	4	83	300	76.4	36	4	71	265	12.8	9	0	11	76

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 15, 2014

[PART 3]		Programs in the Nation: 151 Residents in the Nation: 684														
		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	6.3	4	0	5	28	4.1	4	0	3	27	2.2	2	0	2	14
	Excision	3.7	3	0	3	20	3.2	3	0	3	17	0.5	1	0	0	9
	Intro or Removal	4.3	4	0	3	26	2.8	3	0	2	20	1.5	2	0	1	11
	Repair/ Revisn/ Reconst	99.9	43	22	93	317	93.2	42	14	87	308	6.7	4	0	6	29
	Trauma	77.4	33	24	69	232	73.7	32	20	65	231	3.7	3	0	3	23
	--Fracture and/or Dislocation	69.5	30	19	61	229	66.7	30	19	59	229	2.9	3	0	2	16
	--Manipulation	7.8	7	0	6	80	7.0	7	0	6	66	0.8	1	0	0	14
	Arthrodesis	0.3	1	0	0	18	0.3	1	0	0	17	0.0	0	0	0	1
	Amputation	0.4	1	0	0	5	0.4	1	0	0	5	0.0	0	0	0	1
	Arthroscopy	4.7	7	0	2	44	4.2	7	0	1	44	0.5	1	0	0	11
	Other Procedures	1.7	3	0	1	27	1.3	2	0	1	27	0.4	1	0	0	15
	TOTAL-Pelvis/Hip	198.8	62	69	192	465	183.4	61	51	175	442	15.5	8	0	14	60
	Femur/Knee	Incision	8.4	6	0	7	51	7.0	6	0	6	41	1.4	2	0	1
Excision		11.3	7	0	10	47	9.1	6	0	8	40	2.2	2	0	2	20
Intro or Removal		1.5	3	0	1	41	1.0	2	0	0	32	0.5	2	0	0	21
Repair/ Revisn/ Reconst		132.2	51	29	125	364	124.6	50	26	116	353	7.6	5	0	6	40
Trauma		62.2	23	15	57	176	51.8	20	13	48	136	10.4	6	0	9	49
--Fracture and/or Dislocation		53.5	21	8	49	144	45.4	19	7	42	131	8.1	5	0	7	35
--Manipulation		8.7	6	0	7	52	6.4	5	0	5	39	2.3	2	0	2	17
Arthrodesis		0.3	1	0	0	11	0.3	1	0	0	11	0.0	0	0	0	2
Amputation		3.0	3	0	2	20	2.9	3	0	2	20	0.2	0	0	0	4
Arthroscopy		115.0	46	28	112	332	103.4	44	22	99	308	11.6	9	0	10	59
Other Procedures		1.2	4	0	0	78	0.9	3	0	0	77	0.3	1	0	0	9
TOTAL-Femur/Knee		335.3	84	95	332	580	301.0	80	90	296	553	34.3	15	4	32	108

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 15, 2014

[PART 4]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	10.2	8	0	8	77	6.3	7	0	4	71	3.9	4	0	3	31
	Excision	6.8	5	0	6	25	5.0	4	0	4	24	1.9	2	0	1	13
	Intro or Removal	0.1	0	0	0	8	0.1	0	0	0	8	0.0	0	0	0	2
	Repair/ Revisn/ Reconst	20.9	11	2	19	128	15.2	10	0	13	122	5.7	5	0	5	28
	Trauma	98.1	39	22	91	328	85.4	35	16	80	313	12.7	8	0	11	61
	--Fracture and/or Dislocation	80.8	31	20	76	324	72.0	29	15	68	310	8.8	6	0	7	57
	--Manipulation	17.3	17	0	12	104	13.4	14	0	9	83	3.9	5	0	3	45
	Arthrodesis	2.6	2	0	2	15	2.6	2	0	2	15	0.1	0	0	0	5
	Amputation	5.8	5	0	4	43	5.4	5	0	4	42	0.4	1	0	0	6
	Arthroscopy	5.6	6	0	4	37	5.2	5	0	4	34	0.4	1	0	0	6
	Other Procedures	1.7	3	0	1	51	1.4	3	0	1	44	0.3	1	0	0	15
	TOTAL-Leg/Ankle		151.9	49	45	147	417	126.4	44	35	122	394	25.4	12	2	24
Foot/Toes	Incision	3.5	4	0	2	23	2.8	3	0	2	19	0.6	1	0	0	8
	Excision	9.8	6	0	9	34	7.5	6	0	6	30	2.3	2	0	2	12
	Intro or Removal	1.2	2	0	1	18	0.8	1	0	0	18	0.4	1	0	0	6
	Repair/ Revisn/ Reconst	16.6	12	0	14	146	12.0	11	0	9	144	4.6	4	0	4	26
	Trauma	17.8	11	1	16	74	15.8	10	1	14	72	2.0	2	0	1	17
	--Fracture and/or Dislocation	16.0	10	1	14	68	14.3	9	1	13	57	1.8	2	0	1	17
	--Manipulation	1.8	2	0	1	22	1.5	2	0	1	22	0.3	1	0	0	9
	Arthrodesis	8.0	6	0	6	45	7.2	6	0	6	43	0.8	1	0	0	16
	Amputation	4.9	5	0	3	35	4.5	5	0	3	35	0.4	1	0	0	14
	Arthroscopy	0.1	0	0	0	4	0.1	0	0	0	4	0.0	0	0	0	1
	Other Procedures	0.7	2	0	0	23	0.4	1	0	0	19	0.2	1	0	0	9
	TOTAL-Foot/Toes		62.5	29	11	58	220	51.2	27	7	47	207	11.3	7	0	10

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 15, 2014

[PART 5]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	0.6	2	0	0	19	0.5	1	0	0	17	0.1	0	0	0	4
	Excision	6.9	8	0	4	53	5.6	7	0	3	49	1.3	2	0	1	15
	Intro or Removal	90.4	56	0	81	489	74.2	51	0	65	457	16.3	10	0	14	57
	Repair/ Revisn/ Reconst	0.0	0	0	0	2	0.0	0	0	0	2	0.0	0	0	0	1
	Trauma	0.1	1	0	0	24	0.1	1	0	0	24	0.0	0	0	0	2
	--Fracture and/or Dislocation	0.1	1	0	0	24	0.1	1	0	0	24	0.0	0	0	0	2
	Arthroscopy	0.6	2	0	0	16	0.5	2	0	0	16	0.1	0	0	0	3
	Other Procedures	52.6	63	0	28	479	28.0	41	0	11	349	24.5	30	0	15	273
	TOTAL-Other Musclskel	151.2	97	1	129	786	108.9	77	0	92	660	42.3	34	0	34	302
Spine	Excision	1.6	2	0	1	20	0.8	1	0	0	12	0.9	2	0	0	20
	Fracture and/or Dislocation	4.3	8	0	1	82	3.9	8	0	1	77	0.4	1	0	0	12
	Decompression	22.5	16	0	19	140	22.1	16	0	18	140	0.4	1	0	0	14
	Osteotomy	0.1	1	0	0	8	0.1	0	0	0	6	0.1	0	0	0	8
	Arthrodesis/Anterior	5.9	7	0	4	77	5.8	7	0	4	75	0.1	1	0	0	6
	Arthrodesis/Posterior	16.1	14	0	12	168	14.7	12	0	12	106	1.4	4	0	0	93
	Arthrodesis/Deformity	5.8	6	0	4	39	1.3	3	0	0	30	4.5	5	0	3	31
	Exploration	0.6	1	0	0	8	0.3	1	0	0	7	0.2	1	0	0	6
	Instrumentation	7.5	7	0	6	50	4.2	5	0	3	41	3.2	4	0	2	27
	Other Procedures	1.8	3	0	1	40	0.7	2	0	0	31	1.2	2	0	0	18
TOTAL-Spine	66.1	37	13	58	311	53.9	33	0	45	278	12.2	10	0	10	97	

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2013-2014
Residency Review Committee for Orthopaedic Surgery
Report Date: October 15, 2014

[PART 6]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	44.4	34	0	37	211	38.9	31	0	32	174	5.6	5	0	4	39
	Repair (Closure)	4.6	6	0	3	42	3.8	5	0	2	37	0.8	1	0	0	10
	Skin Grafts	2.9	4	0	2	31	2.7	4	0	2	30	0.3	1	0	0	5
	Flaps	0.8	2	0	0	15	0.8	1	0	0	15	0.1	0	0	0	4
	Other Procedures	0.6	2	0	0	22	0.5	2	0	0	19	0.1	0	0	0	4
	TOTAL-Integumentary	53.4	38	0	47	253	46.7	34	0	41	207	6.8	6	0	5	46
Nervous System	Incision/Excision	0.8	1	0	0	15	0.8	1	0	0	15	0.0	0	0	0	2
	Neuroplasty	10.3	9	0	8	88	10.0	9	0	8	87	0.3	1	0	0	7
	Transection or Avulsion	0.0	0	0	0	2	0.0	0	0	0	2	0.0	0	0	0	1
	Neurorrhaphy	1.2	2	0	1	11	1.1	2	0	1	10	0.1	0	0	0	5
	Carpal Tunnel	28.9	20	1	24	163	28.7	19	1	24	163	0.2	1	0	0	12
	Other Procedures	0.1	1	0	0	6	0.1	0	0	0	5	0.0	0	0	0	6
	TOTAL-Nervous System	41.4	25	2	37	184	40.7	25	2	36	184	0.7	1	0	0	12
Oncology Cases	TOTAL-Oncology Cases	37.3	25	0	32	208	31.7	23	0	26	198	5.6	5	0	4	33
Microsurgeries	TOTAL-Microsurgeries	23.8	41	0	10	322	22.2	39	0	8	308	1.6	4	0	0	62
Trauma Cases	TOTAL-Trauma	453.5	153	132	426	1,349	357.2	128	83	336	957	96.3	48	11	87	392
Total Procedures	TOTAL-Credit Procedures	1,472.8	315	592	1,464	2,842	1,240.9	280	489	1,227	2,456	231.8	82	67	214	639

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 15, 2014

[PART 1]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	1	2	4	0	0	1	2	3	0	0	0	0	1
	Excision	1	3	4	6	11	1	2	4	6	10	0	0	0	1	2
	Intro or Removal	0	0	0	1	3	0	0	0	1	3	0	0	0	0	0
	Repair/ Revisn/ Reconst	8	14	20	29	46	7	14	19	28	45	0	0	0	1	2
	Trauma	12	19	25	32	47	11	17	22	30	43	0	1	2	3	6
	--Fracture and/or Dislocation	9	15	20	26	39	8	14	18	24	37	0	1	1	3	5
	--Manipulation	1	2	4	7	12	0	2	3	6	11	0	0	0	1	2
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Arthroscopy	28	46	60	74	108	27	45	59	73	106	0	0	1	2	4
Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
	TOTAL-Shoulder	70	98	119	145	193	66	94	112	137	185	1	3	5	7	10
Humerus/Elbow	Incision	0	1	2	3	5	0	1	1	2	5	0	0	0	0	1
	Excision	1	3	4	6	10	1	2	4	5	8	0	0	0	1	2
	Intro or Removal	0	0	1	1	3	0	0	0	1	2	0	0	0	0	1
	Repair/ Revisn/ Reconst	4	6	9	12	17	3	6	8	11	16	0	0	0	1	2
	Trauma	30	41	50	60	83	13	19	24	30	42	12	18	24	32	46
	--Fracture and/or Dislocation	26	34	42	52	70	12	16	21	26	35	10	15	20	28	39
	--Manipulation	1	3	6	10	18	0	1	2	5	11	0	1	3	4	9
	Arthrodesis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Amputation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Arthroscopy	0	1	2	3	5	0	0	1	2	5	0	0	0	0	1
Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
	TOTAL-Humerus/Elbow	46	61	71	83	110	27	36	42	50	66	14	21	27	35	49

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 15, 2014

[PART 2]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	1	2	4	6	10	1	2	4	6	9	0	0	0	0	1
	Excision	4	7	10	14	20	3	6	9	12	18	0	0	1	2	3
	Intro or Removal	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
	Repair/ Revisn/ Reconst	3	6	8	12	20	2	5	7	11	18	0	0	1	1	3
	Trauma	50	65	80	103	139	28	40	52	65	91	11	19	27	39	59
	--Fracture and/or Dislocation	24	33	43	53	73	18	26	34	43	60	2	5	7	10	18
	--Manipulation	19	26	33	47	76	2	9	15	22	37	5	12	19	28	47
	Arthrodesis	0	0	1	2	3	0	0	1	2	3	0	0	0	0	0
	Amputation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Arthroscopy	0	2	3	6	10	0	1	3	5	10	0	0	0	0	1
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
TOTAL-Forearm/Wrist		74	96	116	139	179	49	66	83	100	132	13	22	31	42	64
Hand/Fingers	Incision	9	15	21	27	38	7	13	18	24	35	0	1	2	3	5
	Excision	4	8	11	16	24	4	7	10	14	22	0	0	1	1	3
	Intro or Removal	0	0	0	1	3	0	0	0	1	3	0	0	0	0	1
	Repair/ Revisn/ Reconst	5	10	13	18	26	4	7	10	15	22	0	1	2	3	6
	Trauma	12	18	24	33	52	9	14	19	26	42	1	2	4	6	12
	--Fracture and/or Dislocation	9	14	18	25	39	7	11	15	20	32	0	1	3	4	8
	--Manipulation	0	1	4	8	18	0	1	2	6	14	0	0	1	2	5
	Arthrodesis	0	1	2	3	6	0	1	2	3	5	0	0	0	0	0
	Amputation	1	3	4	6	11	1	2	4	6	10	0	0	0	1	2
	Other Procedures	0	0	0	1	3	0	0	0	1	3	0	0	0	0	1
	TOTAL-Hand/Fingers		48	67	83	102	136	39	57	71	86	122	4	7	11	15

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 15, 2014

[PART 3]		Programs in the Nation: 151					Residents in the Nation: 684									
		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	2	3	5	8	13	1	2	3	5	9	0	1	2	3	5
	Excision	1	2	3	5	8	0	1	3	4	7	0	0	0	1	2
	Intro or Removal	1	2	3	5	9	0	1	2	4	6	0	0	1	2	4
	Repair/ Revisn/ Reconst	53	75	93	113	157	48	70	87	105	149	2	4	6	8	13
	Trauma	47	58	69	85	122	43	55	65	81	118	1	2	3	4	8
	--Fracture and/or Dislocation	40	52	61	76	111	38	49	59	73	106	0	1	2	4	6
	--Manipulation	1	4	6	10	16	1	3	6	9	15	0	0	0	1	2
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0
	Arthroscopy	0	0	2	5	14	0	0	1	4	13	0	0	0	0	2
	Other Procedures	0	0	1	2	5	0	0	1	1	3	0	0	0	0	1
	TOTAL-Pelvis/Hip		127	161	192	225	281	114	147	175	207	266	7	11	14	19
Femur/Knee	Incision	2	5	7	10	17	1	4	6	9	15	0	0	1	2	3
	Excision	3	7	10	14	21	2	5	8	11	18	0	1	2	3	5
	Intro or Removal	0	0	1	1	4	0	0	0	1	3	0	0	0	0	1
	Repair/ Revisn/ Reconst	75	102	125	152	200	68	94	116	144	194	3	4	6	9	14
	Trauma	38	49	57	70	92	31	40	48	58	78	4	6	9	13	18
	--Fracture and/or Dislocation	32	41	49	60	81	26	34	42	51	71	3	5	7	10	15
	--Manipulation	2	5	7	11	16	1	3	5	8	13	0	1	2	3	6
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	1	2	4	7	0	1	2	4	6	0	0	0	0	1
	Arthroscopy	62	88	112	132	174	54	78	99	119	157	2	6	10	15	24
	Other Procedures	0	0	0	1	3	0	0	0	1	2	0	0	0	0	1
	TOTAL-Femur/Knee		235	287	332	374	451	203	254	296	340	412	17	25	32	40

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 15, 2014

[PART 4]		Programs in the Nation: 151 Residents in the Nation: 684															
		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	3	6	8	12	18	1	3	4	7	13	1	2	3	5	8	
	Excision	2	4	6	8	13	1	3	4	6	10	0	1	1	2	5	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/ Revisn/ Reconst	9	14	19	25	35	6	10	13	18	27	1	3	5	7	11	
	Trauma	56	76	91	111	148	46	67	80	97	129	4	8	11	15	24	
	--Fracture and/or Dislocation	46	64	76	92	120	40	56	68	81	108	3	5	7	10	16	
	--Manipulation	2	6	12	22	40	1	4	9	17	33	0	1	3	5	9	
	Arthrodesis	0	1	2	3	6	0	1	2	3	6	0	0	0	0	0	
	Amputation	1	3	4	7	13	0	2	4	6	12	0	0	0	0	1	
	Arthroscopy	1	2	4	7	12	0	2	4	6	12	0	0	0	0	1	
	Other Procedures	0	0	1	2	4	0	0	1	1	3	0	0	0	0	1	
	TOTAL-Leg/Ankle		91	126	147	171	215	73	102	122	144	183	13	18	24	29	40
	Foot/Toes	Incision	0	1	2	4	9	0	1	2	3	7	0	0	0	1	2
Excision		3	6	9	12	19	1	4	6	9	15	0	1	2	3	5	
Intro or Removal		0	0	1	1	3	0	0	0	1	2	0	0	0	0	1	
Repair/ Revisn/ Reconst		5	10	14	19	32	2	6	9	14	25	1	2	4	6	10	
Trauma		7	12	16	21	30	5	10	14	19	28	0	1	1	2	5	
--Fracture and/or Dislocation		6	11	14	19	27	5	9	13	17	24	0	0	1	2	4	
--Manipulation		0	0	1	2	4	0	0	1	2	4	0	0	0	0	1	
Arthrodesis		2	4	6	9	16	2	4	6	9	14	0	0	0	1	2	
Amputation		0	2	3	6	12	0	1	3	5	11	0	0	0	0	1	
Arthroscopy		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Procedures		0	0	0	1	2	0	0	0	0	1	0	0	0	0	1	
TOTAL-Foot/Toes			30	46	58	73	99	22	35	47	60	85	4	7	10	14	20

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 15, 2014

[PART 5]		Programs in the Nation: 151					Residents in the Nation: 684									
		All Patients					Adult Only					Pediatric Only				
		Resident Percentiles					Resident Percentiles					Resident Percentiles				
		10	30	50	70	90	10	30	50	70	90	10	30	50	70	90
RRC Area	RRC Procedure															
Other Musculoskeletal	Incision	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0
	Excision	0	2	4	8	17	0	1	3	6	14	0	0	1	2	4
	Intro or Removal	30	61	81	107	152	21	47	65	87	128	5	10	14	20	30
	Repair/ Revisn/ Reconst	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	2	0	0	0	0	2	0	0	0	0	0
	Other Procedures	6	15	28	57	138	1	5	11	27	83	2	8	15	28	56
	TOTAL-Other Musclskel	61	97	129	173	268	37	65	92	125	202	12	24	34	49	77
Spine	Excision	0	0	1	2	5	0	0	0	1	2	0	0	0	1	3
	Fracture and/or Dislocation	0	0	1	3	12	0	0	1	3	11	0	0	0	0	1
	Decompression	7	13	19	27	43	7	13	18	26	42	0	0	0	0	1
	Osteotomy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis/Anterior	0	2	4	6	14	0	2	4	6	14	0	0	0	0	0
	Arthrodesis/Posterior	4	9	12	18	30	4	8	12	16	28	0	0	0	1	4
	Arthrodesis/Deformity	0	2	4	7	13	0	0	0	1	3	0	1	3	6	11
	Exploration	0	0	0	1	2	0	0	0	0	1	0	0	0	0	1
	Instrumentation	1	4	6	9	15	0	2	3	5	9	0	1	2	4	8
	Other Procedures	0	0	1	2	5	0	0	0	0	2	0	0	0	1	4
TOTAL-Spine	30	45	58	75	111	23	36	45	62	94	2	6	10	15	25	

Statistics are based upon primary credit role procedures logged by residents.

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2013-2014

Residency Review Committee for Orthopaedic Surgery

Report Date: October 15, 2014

[PART 6]		Programs in the Nation: 151 Residents in the Nation: 684														
		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	8	22	37	56	92	6	19	32	51	80	0	2	4	7	12
	Repair (Closure)	0	1	3	5	11	0	1	2	4	9	0	0	0	1	3
	Skin Grafts	0	1	2	3	7	0	1	2	3	7	0	0	0	0	1
	Flaps	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
	Other Procedures	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0
	TOTAL-Integumentary		11	29	47	67	103	9	24	41	60	90	1	3	5	8
Nervous System	Incision/Excision	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
	Neuroplasty	2	5	8	12	21	2	5	8	12	20	0	0	0	0	1
	Transection or Avulsion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neurorrhaphy	0	0	1	1	3	0	0	1	1	3	0	0	0	0	0
	Carpal Tunnel	10	17	24	34	55	10	17	24	33	55	0	0	0	0	1
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Nervous Systm		16	27	37	48	71	16	26	36	47	71	0	0	0	1
Oncology Cases	TOTAL-Oncology Cases	12	22	32	44	69	9	18	26	37	60	0	2	4	7	12
Microsurgeries	TOTAL-Microsurgeries	0	4	10	19	60	0	4	8	18	58	0	0	0	1	4
Trauma Cases	TOTAL-Trauma	286	365	426	504	657	227	286	336	391	527	47	68	87	112	160
Total Procedures	TOTAL-Credit Procedures	1,103	1,298	1,464	1,606	1,857	923	1,086	1,227	1,370	1,592	150	184	214	257	342

Statistics are based upon primary credit role procedures logged by residents.