



Accreditation Council for Graduate Medical Education

Orthopaedic 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.

III. National Table for Resident Minimums Statistics

The table summarizes national resident experience in 13 defined categories and 2 procedure groups, and compares these to RRC required minimums (Min Req'd).

ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 29, 2016

[PART 1]		Programs in the Nation: 153 Residents in the Nation: 705														
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	1.7	2	0	1	17	1.5	2	0	1	17	0.2	0	0	0	3
	Excision	4.4	3	0	4	25	3.8	3	0	3	24	0.6	1	0	0	6
	Intro or Removal	0.6	2	0	0	32	0.5	2	0	0	32	0.0	0	0	0	4
	Repair/ Revisn/ Reconst	28.1	18	1	25	196	27.5	18	1	24	196	0.6	1	0	0	6
	Trauma	29.8	17	1	26	140	26.7	16	1	23	132	3.1	3	0	2	30
	--Fracture and/or Dislocation	24.4	15	0	21	127	21.9	14	0	19	120	2.5	3	0	2	29
	--Manipulation	5.5	5	0	4	31	4.8	4	0	4	31	0.6	1	0	0	7
	Arthrodesis	0.1	1	0	0	16	0.1	1	0	0	16	0.0	0	0	0	1
	Amputation	0.1	0	0	0	2	0.1	0	0	0	2	0.0	0	0	0	1
	Arthroscopy	70.7	35	20	64	337	69.0	34	15	63	328	1.8	2	0	1	21
	Other Procedures	0.2	1	0	0	6	0.2	1	0	0	6	0.0	0	0	0	2
	TOTAL-Shoulder	135.8	51	38	129	485	129.5	50	35	122	475	6.3	4	0	5	31
Humerus/Elbow	Incision	2.7	3	0	2	17	2.3	2	0	2	17	0.4	1	0	0	4
	Excision	4.8	3	0	4	17	4.0	3	0	4	16	0.7	1	0	0	6
	Intro or Removal	0.9	1	0	0	9	0.6	1	0	0	6	0.3	1	0	0	6
	Repair/ Revisn/ Reconst	11.4	6	0	10	46	10.6	6	0	10	46	0.8	1	0	0	7
	Trauma	60.3	23	14	56	150	28.6	13	2	27	104	31.7	15	3	29	106
	--Fracture and/or Dislocation	51.7	20	8	49	140	24.4	11	2	23	97	27.4	14	3	25	100
	--Manipulation	8.5	8	0	6	68	4.2	5	0	3	39	4.3	5	0	3	44
	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	4	0.3	1	0	0	4	0.0	0	0	0	3
	Arthroscopy	2.0	2	0	1	20	1.6	2	0	1	17	0.4	1	0	0	6
	Other Procedures	0.3	1	0	0	8	0.2	1	0	0	7	0.1	0	0	0	3
	TOTAL-Humerus/Elbow	82.7	26	30	81	185	48.3	17	6	46	138	34.4	16	6	31	112

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 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 29, 2016

[PART 2]		Programs in the Nation: 153 Residents in the Nation: 705															
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)					
		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	5.3	5	0	4	44	5.0	5	0	4	44	0.3	1	0	0	7	
	Excision	10.5	6	0	9	45	9.3	6	0	8	42	1.2	1	0	1	8	
	Intro or Removal	0.8	2	0	0	22	0.6	1	0	0	11	0.2	1	0	0	17	
	Repair/ Revisn/ Reconst	11.9	8	0	10	57	10.4	8	0	9	57	1.5	2	0	1	14	
	Trauma	98.0	36	25	93	264	58.7	27	3	55	202	39.3	21	3	36	119	
	--Fracture and/or Dislocation	48.5	22	4	45	182	38.8	19	3	36	141	9.7	8	0	8	56	
	--Manipulation	49.5	25	12	44	179	20.0	16	0	16	109	29.6	19	1	25	104	
	Arthrodesis	1.6	2	0	1	15	1.6	2	0	1	15	0.1	0	0	0	3	
	Amputation	0.4	1	0	0	6	0.3	1	0	0	6	0.0	0	0	0	1	
	Arthroscopy	4.6	5	0	3	44	4.5	5	0	3	44	0.2	0	0	0	3	
	Other Procedures	0.2	1	0	0	14	0.2	1	0	0	13	0.1	0	0	0	6	
	TOTAL-Forearm/Wrist		133.4	42	35	129	321	90.6	35	12	87	258	42.8	21	5	38	126
Hand/Fingers	Incision	24.2	14	0	21	103	21.9	14	0	19	103	2.4	2	0	2	12	
	Excision	13.1	9	0	11	73	12.0	8	0	10	71	1.1	1	0	1	8	
	Intro or Removal	1.0	2	0	0	36	0.9	2	0	0	34	0.1	0	0	0	3	
	Repair/ Revisn/ Reconst	16.2	11	1	15	211	13.0	10	0	12	203	3.2	3	0	2	19	
	Trauma	30.9	21	1	26	201	24.2	18	1	20	192	6.7	6	0	5	59	
	--Fracture and/or Dislocation	22.4	13	1	20	117	18.1	11	1	16	90	4.3	4	0	3	40	
	--Manipulation	8.5	12	0	4	129	6.1	10	0	3	122	2.5	4	0	1	24	
	Arthrodesis	2.6	2	0	2	13	2.5	2	0	2	13	0.1	0	0	0	3	
	Amputation	5.2	4	0	4	25	4.7	4	0	4	25	0.6	1	0	0	5	
	Other Procedures	0.8	2	0	0	21	0.6	2	0	0	20	0.2	1	0	0	5	
	TOTAL-Hand/Fingers		94.0	41	14	89	361	79.7	37	7	75	335	14.3	9	0	13	65

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 2015-2016
Residency Review Committee for Orthopaedic Surgery
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[PART 3]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	6.4	5	0	5	30	4.0	3	0	3	23	2.4	3	0	2	22
	Excision	3.5	3	0	3	27	3.1	3	0	2	27	0.4	1	0	0	8
	Intro or Removal	3.8	4	0	3	41	2.6	4	0	2	40	1.2	2	0	1	20
	Repair/ Revisn/ Reconst	106.0	48	35	96	383	98.3	47	31	89	378	7.8	5	0	7	38
	Trauma	86.0	34	31	80	309	81.9	33	29	75	307	4.1	3	0	3	22
	--Fracture and/or Dislocation	77.9	31	25	71	278	74.7	31	25	69	276	3.2	3	0	2	20
	--Manipulation	8.1	7	0	7	70	7.2	7	0	6	70	0.9	1	0	1	7
	Arthrodesis	0.4	1	0	0	25	0.4	1	0	0	25	0.0	0	0	0	2
	Amputation	0.5	1	0	0	4	0.4	1	0	0	4	0.0	0	0	0	2
	Arthroscopy	8.4	10	0	5	87	7.2	10	0	4	87	1.2	2	0	0	15
	Other Procedures	1.2	2	0	0	13	0.9	2	0	0	12	0.3	1	0	0	10
	TOTAL-Pelvis/Hip	216.1	67	80	205	487	198.8	65	70	190	475	17.3	9	0	16	70
Femur/Knee	Incision	8.6	6	0	7	40	7.1	6	0	6	39	1.5	2	0	1	13
	Excision	10.6	7	0	9	46	8.5	6	0	7	41	2.1	2	0	2	12
	Intro or Removal	1.2	2	0	0	25	0.8	1	0	0	11	0.4	2	0	0	20
	Repair/ Revisn/ Reconst	142.6	54	37	137	418	132.5	53	32	128	405	10.0	7	0	8	56
	Trauma	68.5	26	16	64	200	57.1	23	11	53	175	11.4	7	0	10	62
	--Fracture and/or Dislocation	59.7	23	13	56	194	50.9	21	9	47	172	8.8	5	0	8	49
	--Manipulation	8.8	7	0	7	64	6.2	6	0	5	54	2.7	3	0	2	22
	Arthrodesis	0.4	1	0	0	4	0.3	1	0	0	4	0.0	0	0	0	2
	Amputation	3.3	4	0	3	38	3.2	3	0	2	38	0.2	0	0	0	3
	Arthroscopy	113.9	47	42	106	419	100.0	45	18	93	404	13.9	10	0	12	99
	Other Procedures	0.7	2	0	0	32	0.5	2	0	0	25	0.2	1	0	0	11
	TOTAL-Femur/Knee	349.8	87	135	338	679	310.0	83	107	302	641	39.8	17	6	37	142

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ORTHOPAEDIC SURGERY : NATIONAL RESIDENT REPORT (Main Table)
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[PART 4]		Programs in the Nation: 153					Residents in the Nation: 705									
RRC Area	RRC Procedure	All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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
Leg/Ankle	Incision	10.7	7	0	9	53	6.5	6	0	5	50	4.1	4	0	3	24
	Excision	6.3	4	0	6	21	4.5	3	0	4	18	1.8	2	0	1	10
	Intro or Removal	0.1	0	0	0	9	0.0	0	0	0	9	0.0	0	0	0	4
	Repair/ Revisn/ Reconst	24.8	12	1	23	86	17.5	10	0	16	64	7.3	6	0	6	40
	Trauma	108.9	38	31	103	302	93.6	35	27	87	290	15.3	9	0	14	96
	--Fracture and/or Dislocation	88.8	29	19	85	221	78.4	28	13	74	205	10.4	7	0	9	94
	--Manipulation	20.2	17	0	16	118	15.2	15	0	11	110	5.0	5	0	4	30
	Arthrodesis	3.7	3	0	3	19	3.6	3	0	3	19	0.1	0	0	0	3
	Amputation	6.4	6	0	5	43	6.0	6	0	5	42	0.4	1	0	0	8
	Arthroscopy	6.2	5	0	5	35	5.7	5	0	5	35	0.6	1	0	0	6
	Other Procedures	1.3	3	0	1	54	1.0	3	0	0	46	0.2	1	0	0	13
	TOTAL-Leg/Ankle	168.4	47	55	163	414	138.5	43	46	132	387	29.9	12	4	28	105
Foot/Toes	Incision	3.3	4	0	2	34	2.7	3	0	2	31	0.7	1	0	0	21
	Excision	8.7	6	0	8	35	6.6	5	0	5	32	2.1	2	0	2	9
	Intro or Removal	0.9	2	0	0	14	0.6	1	0	0	14	0.3	1	0	0	6
	Repair/ Revisn/ Reconst	19.3	12	1	17	101	13.6	10	0	11	77	5.7	5	0	5	42
	Trauma	19.9	12	0	17	84	17.5	11	0	15	79	2.4	3	0	2	55
	--Fracture and/or Dislocation	18.0	11	0	16	74	15.9	10	0	14	69	2.0	3	0	1	46
	--Manipulation	1.9	2	0	1	17	1.6	2	0	1	17	0.3	1	0	0	9
	Arthrodesis	11.6	7	0	10	42	10.5	7	0	9	40	1.1	2	0	0	17
	Amputation	5.3	5	0	4	37	4.9	5	0	3	37	0.4	1	0	0	10
	Arthroscopy	0.1	0	0	0	4	0.1	0	0	0	4	0.0	0	0	0	2
	Other Procedures	0.4	1	0	0	9	0.2	1	0	0	9	0.1	1	0	0	7
	TOTAL-Foot/Toes	69.6	29	13	65	204	56.7	26	7	52	167	12.9	8	0	11	64

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 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 29, 2016

[PART 5]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	0.7	2	0	0	23	0.6	2	0	0	22	0.1	1	0	0	7
	Excision	6.4	7	0	5	90	5.3	6	0	4	78	1.2	2	0	1	12
	Intro or Removal	85.6	52	3	77	370	69.8	48	0	61	356	15.8	9	0	14	59
	Repair/ Revisn/ Reconst	0.0	0	0	0	1	0.0	0	0	0	1	0.0	0	0	0	1
	Trauma	0.1	1	0	0	9	0.1	1	0	0	9	0.0	0	0	0	1
	--Fracture and/or Dislocation	0.1	1	0	0	9	0.1	1	0	0	9	0.0	0	0	0	1
	Arthroscopy	0.3	1	0	0	15	0.2	1	0	0	8	0.0	0	0	0	12
	Other Procedures	52.3	59	0	32	395	26.6	41	0	11	326	25.7	27	0	17	222
	TOTAL-Other Musclskel	145.5	92	8	125	726	102.7	74	2	85	496	42.8	29	0	36	242
Spine	Excision	1.1	3	0	0	41	0.6	2	0	0	39	0.5	2	0	0	24
	Fracture and/or Dislocation	5.0	12	0	1	136	4.6	11	0	1	130	0.3	1	0	0	7
	Decompression	24.6	19	0	20	141	24.2	19	0	20	139	0.4	1	0	0	10
	Osteotomy	0.1	1	0	0	12	0.1	1	0	0	12	0.0	0	0	0	4
	Arthrodesis/Anterior	9.0	9	0	7	75	8.8	9	0	7	75	0.1	0	0	0	4
	Arthrodesis/Posterior	16.5	13	0	13	167	15.1	13	0	12	167	1.4	3	0	0	24
	Arthrodesis/Deformity	9.1	9	0	7	80	2.5	5	0	1	63	6.5	7	0	5	55
	Exploration	0.6	1	0	0	12	0.4	1	0	0	12	0.2	1	0	0	6
	Instrumentation	8.0	10	0	5	120	4.9	8	0	2	97	3.1	4	0	2	29
	Other Procedures	1.4	2	0	0	17	0.4	1	0	0	13	0.9	2	0	0	15
	TOTAL-Spine	75.3	45	16	66	435	61.8	43	0	53	397	13.5	10	0	12	71

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ORTHOPAEDIC 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: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	42.2	34	0	34	218	36.6	30	0	30	213	5.5	5	0	4	35
	Repair (Closure)	4.9	6	0	3	63	4.1	6	0	2	49	0.8	1	0	0	14
	Skin Grafts	2.9	4	0	2	40	2.6	4	0	1	40	0.2	1	0	0	4
	Flaps	1.1	2	0	0	21	1.0	2	0	0	20	0.1	0	0	0	4
	Other Procedures	0.4	1	0	0	21	0.3	1	0	0	21	0.1	0	0	0	5
	TOTAL-Integumentary		51.4	38	0	43	266	44.7	34	0	38	238	6.7	6	0	5
Nervous System	Incision/Excision	0.8	1	0	0	8	0.7	1	0	0	8	0.0	0	0	0	3
	Neuroplasty	9.3	7	0	8	88	8.9	7	0	8	86	0.3	1	0	0	4
	Transection or Avulsion	0.1	0	0	0	7	0.1	0	0	0	7	0.0	0	0	0	1
	Neurorrhaphy	2.1	2	0	1	18	1.9	2	0	1	17	0.2	1	0	0	7
	Carpal Tunnel	38.5	22	7	34	159	38.2	22	7	33	156	0.3	1	0	0	8
	Other Procedures	0.1	0	0	0	4	0.0	0	0	0	3	0.0	0	0	0	3
	TOTAL-Nervous System		50.7	27	11	46	196	49.9	27	11	45	190	0.8	1	0	0
Oncology Cases	TOTAL-Oncology Cases	38.2	23	5	32	193	32.2	21	3	27	181	6.0	5	0	5	50
Microsurgeries	TOTAL-Microsurgeries	19.8	37	0	9	393	18.2	33	0	9	365	1.6	5	0	0	81
Trauma Cases	TOTAL-Trauma	502.5	158	181	478	1,343	388.4	136	134	369	1,170	114.1	46	20	107	331
Total Procedures	TOTAL-Credit Procedures	1,572.8	326	651	1,538	2,814	1,311.2	298	447	1,285	2,521	261.5	67	127	243	584

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 29, 2016

[PART 1]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	4	0	0	0	0	1
	Excision	1	2	4	5	9	1	2	3	5	8	0	0	0	1	2
	Intro or Removal	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
	Repair/ Revisn/ Reconst	9	18	25	34	47	9	18	24	33	47	0	0	0	1	2
	Trauma	12	21	26	34	50	11	18	23	31	46	0	1	2	4	7
	–Fracture and/or Dislocation	10	16	21	28	43	8	14	19	25	38	0	1	2	3	6
	–Manipulation	1	2	4	7	12	0	2	4	6	10	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	34	51	64	80	114	34	50	63	78	113	0	0	1	2	5
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	TOTAL-Shoulder	77	106	129	155	201	73	100	122	147	194	2	4	5	8	12
Humerus/Elbow	Incision	0	1	2	4	6	0	1	2	3	5	0	0	0	1	1
	Excision	1	3	4	6	9	1	2	4	5	8	0	0	0	1	2
	Intro or Removal	0	0	0	1	2	0	0	0	1	2	0	0	0	0	1
	Repair/ Revisn/ Reconst	4	8	10	14	20	4	7	10	13	18	0	0	0	1	2
	Trauma	35	48	56	67	92	14	21	27	33	45	15	23	29	36	52
	–Fracture and/or Dislocation	30	41	49	58	78	12	18	23	28	39	12	19	25	32	45
	–Manipulation	2	4	6	10	18	0	1	3	5	10	0	2	3	5	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	1	3	5	0	0	1	2	4	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	52	67	81	93	118	27	39	46	55	71	18	26	31	39	55

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 29, 2016

[PART 2]		Programs in the Nation: 153					Residents in the Nation: 705										
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)					
		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	3	4	6	10	1	3	4	6	10	0	0	0	0	1	
	Excision	4	6	9	13	19	3	6	8	12	18	0	0	1	2	3	
	Intro or Removal	0	0	0	1	2	0	0	0	1	2	0	0	0	0	1	
	Repair/ Revisn/ Reconst	3	7	10	14	22	3	6	9	13	20	0	0	1	2	4	
	Trauma	58	75	93	110	148	30	42	55	69	91	17	26	36	46	68	
	--Fracture and/or Dislocation	25	36	45	55	77	19	28	36	45	63	3	5	8	11	19	
	--Manipulation	24	32	44	56	85	4	11	16	23	40	10	18	25	35	55	
	Arthrodesis	0	1	1	2	4	0	0	1	2	4	0	0	0	0	0	
	Amputation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	
	Arthroscopy	0	1	3	5	10	0	1	3	5	10	0	0	0	0	1	
	Other Procedures	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
	TOTAL-Forearm/Wrist		83	109	129	151	192	51	70	87	105	137	21	30	38	50	73
Hand/Fingers	Incision	10	16	21	29	43	8	13	19	27	40	0	1	2	3	6	
	Excision	4	8	11	16	24	3	7	10	15	23	0	0	1	1	3	
	Intro or Removal	0	0	0	1	3	0	0	0	1	2	0	0	0	0	0	
	Repair/ Revisn/ Reconst	6	10	15	19	27	5	8	12	16	22	0	1	2	4	8	
	Trauma	11	18	26	36	55	8	14	20	29	43	1	3	5	8	14	
	--Fracture and/or Dislocation	8	14	20	27	41	6	11	16	21	33	0	2	3	5	9	
	--Manipulation	0	2	4	9	20	0	1	3	6	15	0	0	1	3	7	
	Arthrodesis	0	1	2	3	6	0	1	2	3	6	0	0	0	0	0	
	Amputation	1	3	4	7	11	1	2	4	6	10	0	0	0	1	2	
	Other Procedures	0	0	0	1	2	0	0	0	0	2	0	0	0	0	1	
	TOTAL-Hand/Fingers		46	71	89	110	147	37	58	75	93	130	4	9	13	17	26

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 29, 2016

[PART 3]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	1	4	5	8	12	0	2	3	5	8	0	1	2	3	5
	Excision	0	2	3	4	7	0	1	2	4	6	0	0	0	0	1
	Intro or Removal	0	1	3	4	8	0	1	2	3	6	0	0	1	1	3
	Repair/ Revisn/ Reconst	59	77	96	120	164	52	70	89	111	155	2	5	7	10	14
	Trauma	51	66	80	94	129	48	63	75	90	125	1	2	3	5	8
	--Fracture and/or Dislocation	46	59	71	87	116	44	56	69	84	112	0	1	2	4	7
	--Manipulation	1	4	7	10	15	1	3	6	9	14	0	0	1	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	2	5	10	22	0	1	4	9	20	0	0	0	1	4
	Other Procedures	0	0	0	1	3	0	0	0	1	3	0	0	0	0	1
	TOTAL-Pelvis/Hip		141	178	205	240	299	127	161	190	221	285	7	12	16	21
Femur/Knee	Incision	2	4	7	11	17	1	3	6	9	15	0	0	1	2	4
	Excision	3	7	9	13	20	2	5	7	11	16	0	1	2	3	5
	Intro or Removal	0	0	0	1	3	0	0	0	1	2	0	0	0	0	1
	Repair/ Revisn/ Reconst	82	111	137	162	211	73	102	128	151	201	3	6	8	12	19
	Trauma	41	53	64	77	104	32	44	53	64	85	4	7	10	13	20
	--Fracture and/or Dislocation	35	46	56	68	89	28	39	47	58	77	3	6	8	10	16
	--Manipulation	2	4	7	10	17	1	3	5	7	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	3	4	7	0	1	2	4	7	0	0	0	0	1
	Arthroscopy	64	87	106	127	170	55	74	93	114	151	3	8	12	17	26
	Other Procedures	0	0	0	1	2	0	0	0	0	2	0	0	0	0	1
	TOTAL-Femur/Knee		248	300	338	390	457	213	261	302	347	411	22	31	37	45

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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 29, 2016

[PART 4]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	9	13	20	1	3	5	8	13	0	2	3	5	9
	Excision	2	4	6	8	12	1	2	4	6	9	0	1	1	2	4
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Repair/ Revisn/ Reconst	11	17	23	29	42	7	12	16	21	31	2	4	6	9	15
	Trauma	63	87	103	123	157	53	74	87	106	139	7	11	14	18	26
	--Fracture and/or Dislocation	55	72	85	102	125	46	62	74	90	113	4	7	9	12	18
	--Manipulation	3	9	16	25	43	1	5	11	19	34	0	2	4	6	11
	Arthrodesis	1	2	3	5	7	1	2	3	4	7	0	0	0	0	0
	Amputation	1	3	5	8	13	1	3	5	7	13	0	0	0	0	1
	Arthroscopy	1	3	5	8	13	1	3	5	7	12	0	0	0	1	2
	Other Procedures	0	0	1	1	3	0	0	0	1	3	0	0	0	0	1
	TOTAL-Leg/Ankle		113	141	163	192	228	88	113	132	159	192	17	23	28	34
Foot/Toes	Incision	0	1	2	4	8	0	1	2	3	7	0	0	0	1	2
	Excision	3	5	8	11	16	2	4	5	8	13	0	1	2	3	5
	Intro or Removal	0	0	0	1	3	0	0	0	1	2	0	0	0	0	1
	Repair/ Revisn/ Reconst	6	12	17	23	35	3	7	11	16	28	1	3	5	7	12
	Trauma	8	13	17	23	36	6	11	15	21	32	0	1	2	3	5
	--Fracture and/or Dislocation	7	11	16	21	33	6	10	14	19	29	0	1	1	2	5
	--Manipulation	0	0	1	2	5	0	0	1	2	4	0	0	0	0	1
	Arthrodesis	4	7	10	14	22	3	6	9	13	21	0	0	0	1	3
	Amputation	0	2	4	6	12	0	2	3	6	12	0	0	0	0	1
	Arthroscopy	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	TOTAL-Foot/Toes		36	52	65	83	106	28	41	52	68	91	5	8	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 2015-2016

Residency Review Committee for Orthopaedic Surgery

Report Date: September 29, 2016

[PART 5]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	1	2	0	0	0	0	2	0	0	0	0	0
	Excision	1	2	5	8	14	0	2	4	6	12	0	0	1	1	3
	Intro or Removal	31	58	77	100	147	24	44	61	79	124	4	10	14	20	29
	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	1	0	0	0	0	1	0	0	0	0	0
	Other Procedures	7	15	32	60	122	1	4	11	26	72	3	9	17	31	58
TOTAL-Other Musclskel		57	92	125	166	254	35	60	85	115	190	15	26	36	51	79
Spine	Excision	0	0	0	1	3	0	0	0	0	2	0	0	0	0	1
	Fracture and/or Dislocation	0	0	1	3	13	0	0	1	3	12	0	0	0	0	1
	Decompression	7	14	20	29	47	6	13	20	28	47	0	0	0	0	1
	Osteotomy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Arthrodesis/Anterior	1	4	7	10	18	1	4	7	10	18	0	0	0	0	1
	Arthrodesis/Posterior	5	9	13	20	33	4	8	12	18	31	0	0	0	1	4
	Arthrodesis/Deformity	1	4	7	11	19	0	0	1	2	6	0	2	5	8	15
	Exploration	0	0	0	1	2	0	0	0	0	1	0	0	0	0	1
	Instrumentation	1	3	5	9	19	0	1	2	5	12	0	1	2	3	8
	Other Procedures	0	0	0	1	4	0	0	0	0	1	0	0	0	1	3
TOTAL-Spine		35	50	66	84	126	24	38	53	69	110	3	8	12	16	26

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 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 29, 2016

[PART 6]		Programs in the Nation: 153					Residents in the Nation: 705									
		All Patients (Primary)					Adult (Primary)					Pediatric (Primary)				
		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	21	34	52	87	6	17	30	45	76	1	2	4	7	12
	Repair (Closure)	0	1	3	6	12	0	1	2	5	10	0	0	0	1	2
	Skin Grafts	0	1	2	3	7	0	1	1	3	7	0	0	0	0	1
	Flaps	0	0	0	1	3	0	0	0	1	3	0	0	0	0	0
	Other Procedures	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	TOTAL-Integumentary		11	27	43	63	99	9	23	38	55	87	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	11	17	2	5	8	11	17	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	1	1	3	5	0	0	1	2	5	0	0	0	0	1
	Carpal Tunnel	16	24	34	46	68	16	24	33	45	68	0	0	0	0	1
	Other Procedures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL-Nervous System		22	33	46	60	85	21	33	45	59	85	0	0	0	1
Oncology Cases	TOTAL-Oncology Cases	15	24	32	44	69	12	19	27	36	58	0	3	5	8	12
Microsurgeries	TOTAL-Microsurgeries	0	4	9	16	43	0	3	9	15	42	0	0	0	1	4
Trauma Cases	TOTAL-Trauma	325	412	478	562	708	237	313	369	441	551	65	88	107	129	172
Total Procedures	TOTAL-Credit Procedures	1,171	1,391	1,538	1,717	2,001	954	1,148	1,285	1,443	1,700	203	216	243	276	354

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

ORTHOPAEDIC SURGERY : NATIONAL REPORT (Minimums Table)
Reporting Period: Total Experience of Residents Completing Programs in 2015-2016
Residency Review Committee for Orthopaedic Surgery
Report Date: September 29, 2016

[PART 1]	Programs in the Nation: 153		Residents in the Nation: 705
	Natl Res AVE	Natl Prog AVE	Min Req'd
Defined Categories and Procedure Groups			
Knee Arthroscopy	85.8	86.9	30
Shoulder Arthroscopy	70.7	71.3	20
ACL Reconstruction	28.3	28.6	10
Total Hip Arthroplasty	89.3	86.5	30
Total Knee Arthroplasty	112.9	111.8	30
Hip Fractures	57.2	59.3	30
Carpal Tunnel Release	38.5	39.5	10
Spine Decompression/Fusion	38.3	38.7	15
Ankle Fracture Fixation	53.0	54.1	15
Closed Reduction Forearm/Wrist	49.3	49.6	20
Ankle/Hind/Mid Foot Arthro	11.4	11.3	5
Supracondylar Humerus Perc	18.0	18.4	5
Femur/Tibia Intramedullary Fix	51.6	53.1	25
Oncology Procedures	38.2	37.5	10
Pediatric Procedures	261.5	265.2	200

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