



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 Table for Resident Minimums Statistics

This table summarizes national resident experience in 13 defined categories and 2 patient groups, and compares these to suggested minimums (Min Req).

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 2012-2013
Residency Review Committee for Orthopaedic Surgery
Report Date: September 23, 2013

[PART 1]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	2.5	3	0	2	24	2.2	3	0	1	18	0.3	1	0	0	10
	Excision	8.5	8	0	6	93	7.8	8	0	5	91	0.7	1	0	0	8
	Intro or Removal	1.3	2	0	1	19	1.2	2	0	1	19	0.0	0	0	0	2
	Repair/ Revisn/ Reconst	41.0	25	3	37	239	39.9	24	3	36	238	1.0	2	0	0	14
	Trauma	30.1	17	4	26	122	27.3	16	2	24	110	2.8	3	0	2	27
	--Fracture and/or Dislocation	23.9	14	0	21	105	21.8	13	0	19	92	2.1	2	0	1	24
	--Manipulation	6.2	6	0	5	47	5.5	6	0	4	44	0.6	1	0	0	9
	Arthrodesis	0.1	0	0	0	7	0.1	0	0	0	7	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	133.8	79	22	117	453	131.3	78	20	115	453	2.5	4	0	1	29
	Other Procedures	0.8	2	0	0	27	0.8	2	0	0	27	0.1	0	0	0	3
	TOTAL-Shoulder	218.2	97	44	204	634	210.8	95	40	196	631	7.3	6	0	6	40
Humerus/Elbow	Incision	3.9	3	0	3	21	3.3	3	0	3	18	0.6	1	0	0	6
	Excision	6.7	4	0	6	26	5.6	4	0	5	23	1.1	1	0	1	16
	Intro or Removal	1.7	2	0	1	13	1.1	1	0	1	12	0.5	1	0	0	7
	Repair/ Revisn/ Reconst	15.4	8	1	14	70	14.0	8	0	13	61	1.4	2	0	1	14
	Trauma	59.4	25	13	55	182	31.0	15	2	28	122	28.4	16	1	25	133
	--Fracture and/or Dislocation	50.4	20	9	47	156	26.5	12	2	25	105	24.0	14	0	21	126
	--Manipulation	8.9	9	0	6	64	4.5	6	0	3	38	4.4	5	0	3	34
	Arthrodesis	0.1	0	0	0	3	0.1	0	0	0	3	0.0	0	0	0	0
	Amputation	0.4	1	0	0	5	0.4	1	0	0	5	0.0	0	0	0	3
	Arthroscopy	3.2	4	0	2	38	2.7	4	0	2	26	0.5	1	0	0	14
	Other Procedures	0.8	2	0	0	16	0.6	1	0	0	15	0.2	1	0	0	12
	TOTAL-Humerus/Elbow	91.4	31	23	88	284	58.7	22	10	56	211	32.7	17	3	30	152

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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[PART 2]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	7.0	6	0	6	57	6.5	6	0	5	57	0.5	1	0	0	5
	Excision	13.7	8	0	12	54	12.2	8	0	11	53	1.5	2	0	1	10
	Intro or Removal	1.3	2	0	1	18	1.0	2	0	0	15	0.2	1	0	0	12
	Repair/ Revisn/ Reconst	21.7	15	0	19	118	19.1	13	0	16	85	2.6	4	0	1	33
	Trauma	99.5	42	18	93	274	64.5	30	9	61	211	35.1	25	0	29	220
	--Fracture and/or Dislocation	55.7	26	4	51	183	45.2	22	2	42	174	10.5	10	0	8	142
	--Manipulation	43.8	29	0	35	220	19.2	17	0	15	132	24.6	22	0	19	219
	Arthrodesis	2.2	2	0	2	14	2.0	2	0	2	12	0.1	0	0	0	3
	Amputation	0.4	1	0	0	6	0.4	1	0	0	6	0.0	0	0	0	2
	Arthroscopy	6.3	6	0	5	48	6.0	6	0	4	46	0.3	1	0	0	5
	Other Procedures	0.9	2	0	0	18	0.7	2	0	0	17	0.2	1	0	0	7
	TOTAL-Forearm/Wrist	152.9	52	34	147	380	112.5	42	16	110	289	40.4	26	0	35	220
Hand/Fingers	Incision	30.0	16	2	27	105	27.3	16	1	24	100	2.7	3	0	2	24
	Excision	15.8	10	0	14	67	14.5	10	0	13	63	1.2	2	0	1	9
	Intro or Removal	1.5	3	0	1	35	1.4	3	0	0	27	0.1	0	0	0	8
	Repair/ Revisn/ Reconst	30.5	18	2	27	155	25.3	16	1	22	140	5.2	6	0	4	40
	Trauma	37.4	26	0	31	185	31.0	23	0	26	156	6.4	6	0	5	41
	--Fracture and/or Dislocation	28.4	18	0	25	124	24.4	16	0	21	116	4.0	4	0	3	35
	--Manipulation	9.0	13	0	4	75	6.7	11	0	2	70	2.3	4	0	1	36
	Arthrodesis	3.9	3	0	3	28	3.7	3	0	3	28	0.2	1	0	0	6
	Amputation	6.9	6	0	5	37	6.0	5	0	4	36	0.9	2	0	0	13
	Other Procedures	1.4	3	0	0	35	1.2	3	0	0	32	0.3	1	0	0	5
		TOTAL-Hand/Fingers	127.4	54	12	119	315	110.5	49	7	104	302	16.9	11	0	14

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[PART 3]		Programs in the Nation: 150 Residents in the Nation: 678														
		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	11.9	8	0	10	59	6.0	5	0	5	37	5.8	6	0	4	43
	Excision	5.5	5	0	4	38	4.7	5	0	3	38	0.8	1	0	0	10
	Intro or Removal	5.7	5	0	4	31	3.5	4	0	2	29	2.2	3	0	1	20
	Repair/ Revisn/ Reconst	107.7	44	18	101	356	97.1	43	9	90	344	10.6	8	0	9	55
	Trauma	84.5	37	18	76	381	79.8	36	16	72	363	4.7	4	0	4	24
	--Fracture and/or Dislocation	75.2	32	15	68	279	71.7	32	14	65	267	3.4	3	0	3	20
	--Manipulation	9.3	10	0	7	102	8.1	9	0	6	96	1.3	2	0	1	18
	Arthrodesis	0.4	1	0	0	12	0.3	1	0	0	12	0.1	0	0	0	3
	Amputation	0.6	1	0	0	6	0.5	1	0	0	6	0.0	0	0	0	2
	Arthroscopy	6.2	14	0	1	133	5.7	14	0	0	113	0.4	2	0	0	26
	Other Procedures	3.1	5	0	1	34	2.4	4	0	1	32	0.7	1	0	0	11
		TOTAL-Pelvis/Hip	225.4	67	65	216	541	200.0	65	41	191	492	25.4	15	1	22
Femur/Knee	Incision	12.8	9	0	11	73	10.2	7	0	9	48	2.6	4	0	2	67
	Excision	14.8	9	0	13	62	11.7	8	0	10	59	3.0	3	0	2	15
	Intro or Removal	2.2	4	0	1	56	1.5	3	0	1	49	0.7	2	0	0	14
	Repair/ Revisn/ Reconst	157.1	55	50	147	409	141.3	54	40	132	400	15.8	11	0	13	67
	Trauma	74.3	30	18	68	330	62.4	27	5	58	295	11.9	8	0	11	51
	--Fracture and/or Dislocation	61.6	24	15	57	196	52.7	22	5	49	174	8.9	6	0	8	44
	--Manipulation	12.7	12	0	10	134	9.6	10	0	7	121	3.0	3	0	2	25
	Arthrodesis	0.5	1	0	0	20	0.5	1	0	0	20	0.0	0	0	0	4
	Amputation	3.7	4	0	3	30	3.4	4	0	2	30	0.2	1	0	0	5
	Arthroscopy	185.1	91	45	170	832	168.1	86	31	154	813	17.0	15	0	13	112
	Other Procedures	2.0	4	0	1	38	1.5	3	0	0	33	0.5	1	0	0	11
		TOTAL-Femur/Knee	452.5	120	188	436	1,032	400.6	113	148	389	1,010	51.9	25	7	46

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[PART 4]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	18.6	11	0	17	74	10.7	8	0	9	64	7.8	6	0	6	55
	Excision	9.2	6	0	8	54	7.0	5	0	6	50	2.2	2	0	2	14
	Intro or Removal	0.2	1	0	0	19	0.1	1	0	0	18	0.0	0	0	0	2
	Repair/ Revisn/ Reconst	44.8	24	6	40	178	29.5	19	3	25	165	15.3	12	0	12	86
	Trauma	120.6	49	31	112	390	106.4	45	25	99	356	14.1	9	0	12	58
	--Fracture and/or Dislocation	98.9	37	30	92	295	89.1	35	20	84	267	9.7	7	0	8	45
	--Manipulation	21.7	24	0	15	248	17.3	21	0	11	230	4.4	5	0	3	31
	Arthrodesis	4.1	3	0	3	18	4.1	3	0	3	18	0.1	0	0	0	3
	Amputation	6.3	6	0	5	32	5.7	5	0	4	32	0.5	1	0	0	11
	Arthroscopy	7.4	6	0	6	37	6.9	6	0	5	36	0.5	1	0	0	9
	Other Procedures	2.9	4	0	2	45	2.4	4	0	1	37	0.4	1	0	0	10
	TOTAL-Leg/Ankle	214.0	67	68	205	515	172.9	59	35	165	466	41.1	19	4	37	125
Foot/Toes	Incision	5.5	5	0	4	38	4.3	4	0	3	35	1.1	2	0	1	15
	Excision	13.3	9	0	12	54	10.5	8	0	9	51	2.8	3	0	2	15
	Intro or Removal	1.5	2	0	1	34	1.0	2	0	0	28	0.5	1	0	0	6
	Repair/ Revisn/ Reconst	43.3	29	0	37	178	30.7	25	0	24	168	12.5	12	0	10	96
	Trauma	28.7	21	2	24	217	25.9	19	1	21	205	2.8	3	0	2	27
	--Fracture and/or Dislocation	25.8	17	1	22	141	23.4	16	1	19	129	2.4	3	0	2	22
	--Manipulation	2.9	5	0	1	76	2.5	5	0	1	76	0.4	1	0	0	13
	Arthrodesis	14.0	10	0	11	78	12.4	10	0	10	78	1.5	2	0	1	20
	Amputation	6.1	6	0	4	45	5.5	6	0	4	45	0.6	1	0	0	20
	Arthroscopy	0.1	1	0	0	7	0.1	0	0	0	4	0.0	0	0	0	7
	Other Procedures	1.2	3	0	0	32	0.8	2	0	0	28	0.4	1	0	0	8
	TOTAL-Foot/Toes	113.5	55	18	105	393	91.2	50	7	82	370	22.3	16	1	19	128

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT REPORT (Main Table)
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[PART 5]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	0.8	2	0	0	17	0.7	2	0	0	16	0.1	0	0	0	4
	Excision	8.8	12	0	5	106	7.2	11	0	4	101	1.6	2	0	1	29
	Intro or Removal	119.3	75	1	108	680	98.9	68	0	87	648	20.4	15	0	18	124
	Repair/ Revisn/ Reconst	0.0	0	0	0	3	0.0	0	0	0	3	0.0	0	0	0	1
	Trauma	0.1	1	0	0	9	0.1	1	0	0	9	0.0	0	0	0	4
	--Fracture and/or Dislocation	0.1	1	0	0	9	0.1	1	0	0	9	0.0	0	0	0	4
	Arthroscopy	1.8	5	0	0	68	1.7	5	0	0	53	0.1	1	0	0	15
	Other Procedures	129.3	159	0	64	987	75.3	107	0	31	703	53.9	65	0	30	523
	TOTAL-Other Musciskel	260.2	202	1	209	1,609	184.0	146	1	147	1,053	76.2	70	0	54	556
Spine	Excision	7.8	17	0	2	168	2.6	7	0	0	105	5.2	13	0	0	144
	Fracture and/or Dislocation	5.9	12	0	2	122	5.5	12	0	2	119	0.4	1	0	0	7
	Decompression	49.2	43	0	38	410	48.2	43	0	38	410	1.0	2	0	0	25
	Osteotomy	0.7	3	0	0	66	0.4	3	0	0	66	0.3	1	0	0	23
	Arthrodesis/Anterior	16.7	17	0	13	166	16.2	17	0	12	159	0.5	2	0	0	19
	Arthrodesis/Posterior	45.7	43	0	34	365	39.1	37	0	30	365	6.6	16	0	1	142
	Arthrodesis/Deformity	9.6	9	0	7	81	2.5	5	0	1	43	7.1	7	0	5	51
	Exploration	1.9	3	0	1	32	1.4	3	0	1	30	0.4	1	0	0	8
	Instrumentation	41.7	38	0	33	405	31.0	34	0	23	387	10.7	11	0	8	140
	Other Procedures	2.3	3	0	1	30	0.9	2	0	0	17	1.3	3	0	0	26
TOTAL-Spine	181.4	131	2	152	1,201	147.9	118	0	121	1,147	33.6	31	0	25	226	

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[PART 6]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	90.1	70	0	77	425	80.5	64	0	69	394	9.6	9	0	7	97
	Repair (Closure)	16.3	24	0	8	244	14.3	22	0	7	210	2.0	3	0	1	34
	Skin Grafts	6.4	8	0	4	93	5.8	8	0	4	89	0.6	1	0	0	14
	Flaps	2.0	3	0	1	25	1.8	2	0	1	22	0.2	1	0	0	5
	Other Procedures	1.2	3	0	0	49	0.9	3	0	0	48	0.2	1	0	0	7
	TOTAL-Integumentary		115.9	87	0	100	527	103.4	79	0	88	521	12.6	12	0	10
Nervous System	Incision/Excision	1.7	2	0	1	21	1.6	2	0	1	18	0.1	0	0	0	4
	Neuroplasty	16.9	12	0	15	99	16.2	11	0	14	98	0.7	1	0	0	8
	Transection or Avulsion	0.2	1	0	0	8	0.2	1	0	0	7	0.0	0	0	0	2
	Neurorrhaphy	5.4	5	0	4	37	4.9	5	0	3	36	0.5	1	0	0	19
	Carpal Tunnel	36.7	23	0	31	138	36.2	23	0	30	138	0.4	1	0	0	23
	Other Procedures	0.4	4	0	0	91	0.3	4	0	0	89	0.1	1	0	0	27
	TOTAL-Nervous System		61.2	32	10	55	223	59.4	32	10	53	218	1.9	3	0	1
Miscellaneous	TOTAL-Miscellaneous	77.4	85	0	56	826	66.4	73	0	47	704	10.9	16	0	6	122
Oncology Cases	TOTAL-Oncology Cases	52.0	40	0	42	307	44.2	36	0	36	298	7.8	9	0	5	116
Microsurgeries	TOTAL-Microsurgeries	45.3	77	0	21	875	41.9	71	0	19	800	3.4	10	0	0	127
Trauma Cases	TOTAL-Trauma	534.5	194	200	495	1,890	428.4	166	129	396	1,624	106.1	52	7	95	314
Total of all procedures	TOTAL-Procedures	2,291.4	572	839	2,223	4,989	1,918.2	483	634	1,871	4,020	373.2	159	61	334	1,333

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

Residency Review Committee for Orthopaedic Surgery

Report Date: September 23, 2013

[PART 1]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	1	2	3	6	0	1	1	3	6	0	0	0	0	1
	Excision	2	4	6	10	18	1	3	5	9	16	0	0	0	1	2
	Intro or Removal	0	0	1	1	3	0	0	1	1	3	0	0	0	0	0
	Repair/ Revisn/ Reconst	15	26	37	49	72	14	25	36	48	71	0	0	0	1	3
	Trauma	13	20	26	33	51	12	18	24	31	48	0	1	2	3	6
	--Fracture and/or Dislocation	10	16	21	27	42	9	14	19	25	38	0	1	1	3	5
	--Manipulation	1	3	5	7	13	1	2	4	7	12	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	49	82	117	160	243	49	81	115	159	239	0	0	1	3	7
Other Procedures	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0	
TOTAL-Shoulder		110	160	204	252	353	104	153	196	247	343	2	4	6	9	15
Humerus/Elbow	Incision	1	2	3	5	8	0	1	3	4	7	0	0	0	1	2
	Excision	2	4	6	8	12	1	3	5	7	11	0	0	1	1	3
	Intro or Removal	0	0	1	2	4	0	0	1	1	3	0	0	0	1	2
	Repair/ Revisn/ Reconst	6	11	14	19	26	5	9	13	17	24	0	0	1	2	4
	Trauma	32	45	55	67	90	15	22	28	35	50	12	20	25	32	48
	--Fracture and/or Dislocation	28	39	47	57	75	13	19	25	31	41	10	16	21	28	41
	--Manipulation	1	3	6	10	20	0	1	3	5	11	0	1	3	5	11
	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	4	8	0	1	2	3	7	0	0	0	0	2
Other Procedures	0	0	0	1	2	0	0	0	0	2	0	0	0	0	1	
TOTAL-Humerus/Elbow		56	74	88	103	128	34	47	56	68	85	15	23	30	38	54

ORTHOPAEDIC SURGERY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

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[PART 2]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	2	4	6	8	14	1	3	5	8	13	0	0	0	1	2
	Excision	5	9	12	17	24	4	7	11	15	22	0	0	1	2	4
	Intro or Removal	0	0	1	1	3	0	0	0	1	3	0	0	0	0	1
	Repair/ Revisn/ Reconst	6	13	19	26	40	5	11	16	24	36	0	1	1	3	7
	Trauma	53	74	93	116	154	31	47	61	76	100	10	21	29	41	64
	--Fracture and/or Dislocation	28	41	51	64	89	21	32	42	53	75	2	5	8	12	20
	--Manipulation	20	25	35	51	84	2	9	15	24	41	4	12	19	28	49
	Arthrodesis	0	1	2	3	5	0	1	2	3	4	0	0	0	0	1
	Amputation	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Arthroscopy	0	2	5	7	14	0	2	4	7	14	0	0	0	0	1
	Other Procedures	0	0	0	1	2	0	0	0	1	2	0	0	0	0	1
TOTAL-Forearm/Wrist		94	124	147	174	219	61	88	110	131	166	15	25	35	47	73
Hand/Fingers	Incision	12	20	27	35	52	10	18	24	32	49	0	1	2	3	6
	Excision	5	9	14	20	29	4	8	13	18	27	0	0	1	2	3
	Intro or Removal	0	0	1	1	4	0	0	0	1	4	0	0	0	0	0
	Repair/ Revisn/ Reconst	12	19	27	36	55	9	16	22	30	46	0	2	4	6	12
	Trauma	12	22	31	43	69	9	18	26	36	60	1	3	5	8	14
	--Fracture and/or Dislocation	10	18	25	33	51	8	14	21	29	45	0	1	3	5	9
	--Manipulation	0	2	4	10	25	0	1	2	6	19	0	0	1	2	7
	Arthrodesis	0	2	3	5	9	0	1	3	5	8	0	0	0	0	1
	Amputation	1	3	5	9	15	1	2	4	8	14	0	0	0	1	3
	Other Procedures	0	0	0	1	4	0	0	0	1	4	0	0	0	0	1
	TOTAL-Hand/Fingers		65	96	119	149	201	53	82	104	128	181	5	10	14	20

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Reporting Period: Total Experience of Residents Completing Programs in 2012-2013
Residency Review Committee for Orthopaedic Surgery
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[PART 3]		Programs in the Nation: 150					Residents in the Nation: 678									
		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	3	7	10	14	22	1	3	5	7	12	1	2	4	7	12
	Excision	1	3	4	7	11	1	2	3	6	10	0	0	0	1	2
	Intro or Removal	1	3	4	7	12	0	1	2	4	8	0	0	1	2	6
	Repair/ Revisn/ Reconst	58	84	101	125	161	50	72	90	112	149	3	6	9	13	21
	Trauma	49	64	76	95	129	45	59	72	90	125	1	3	4	6	10
	--Fracture and/or Dislocation	43	56	68	85	115	41	54	65	82	110	0	2	3	4	8
	--Manipulation	2	4	7	11	19	1	3	6	10	18	0	0	1	2	3
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	0	0	1	2	0	0	0	1	2	0	0	0	0	0
	Arthroscopy	0	0	1	3	18	0	0	0	3	16	0	0	0	0	1
	Other Procedures	0	1	1	3	8	0	0	1	2	7	0	0	0	1	2
	TOTAL-Pelvis/Hip	149	187	216	253	311	128	163	191	223	287	10	16	22	29	45
Femur/Knee	Incision	4	7	11	15	25	2	5	9	12	21	0	1	2	3	6
	Excision	5	9	13	17	27	3	7	10	14	22	0	1	2	4	6
	Intro or Removal	0	0	1	2	6	0	0	1	1	4	0	0	0	0	2
	Repair/ Revisn/ Reconst	96	127	147	175	233	84	110	132	158	214	5	9	13	18	30
	Trauma	44	57	68	81	112	38	47	58	69	94	4	7	11	14	21
	--Fracture and/or Dislocation	36	48	57	69	93	31	40	49	59	81	2	6	8	11	16
	--Manipulation	4	7	10	14	23	2	5	7	11	19	0	1	2	4	7
	Arthrodesis	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Amputation	0	1	3	4	8	0	1	2	4	8	0	0	0	0	1
	Arthroscopy	87	135	170	211	292	77	119	154	194	268	3	8	13	20	35
	Other Procedures	0	0	1	2	5	0	0	0	1	3	0	0	0	0	2
	TOTAL-Femur/Knee	317	386	436	502	601	269	339	389	446	546	26	38	46	59	85

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Residency Review Committee for Orthopaedic Surgery

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[PART 4]		Programs in the Nation: 150 Residents in the Nation: 678															
		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	7	12	17	22	32	3	6	9	12	20	2	4	6	9	16	
	Excision	2	5	8	11	17	1	4	6	9	13	0	1	2	3	5	
	Intro or Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Repair/ Revisn/ Reconst	21	30	40	50	76	12	19	25	33	52	4	8	12	18	30	
	Trauma	68	93	112	134	174	61	80	99	120	157	5	8	12	17	26	
	--Fracture and/or Dislocation	59	78	92	109	149	53	69	84	98	140	3	6	8	12	18	
	--Manipulation	2	7	15	26	50	1	5	11	21	39	0	1	3	5	11	
	Arthrodesis	1	2	3	5	8	1	2	3	5	8	0	0	0	0	0	
	Amputation	1	3	5	8	15	1	2	4	7	13	0	0	0	1	2	
	Arthroscopy	1	4	6	9	15	1	3	5	8	15	0	0	0	1	2	
	Other Procedures	0	1	2	3	7	0	1	1	3	6	0	0	0	0	1	
	TOTAL-Leg/Ankle		136	176	205	237	301	104	139	165	193	249	21	30	37	47	67
	Foot/Toes	Incision	1	2	4	7	12	0	2	3	5	10	0	0	1	1	3
Excision		4	8	12	16	24	3	5	9	13	20	0	1	2	3	6	
Intro or Removal		0	0	1	2	4	0	0	0	1	3	0	0	0	0	1	
Repair/ Revisn/ Reconst		13	26	37	51	79	6	16	24	38	61	2	6	10	15	24	
Trauma		10	17	24	33	52	9	15	21	29	48	0	1	2	3	7	
--Fracture and/or Dislocation		9	16	22	31	45	8	14	19	28	43	0	1	2	3	6	
--Manipulation		0	0	1	3	7	0	0	1	3	6	0	0	0	0	1	
Arthrodesis		4	8	11	16	27	3	6	10	15	25	0	0	1	2	4	
Amputation		0	2	4	7	14	0	2	4	6	13	0	0	0	1	2	
Arthroscopy		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Procedures		0	0	0	1	3	0	0	0	1	2	0	0	0	0	2	
TOTAL-Foot/Toes			53	82	105	133	184	39	63	82	108	148	7	13	19	26	40

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Reporting Period: Total Experience of Residents Completing Programs in 2012-2013

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[PART 5]		Programs in the Nation: 150 Residents in the Nation: 678														
		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	1	2	0	0	0	0	2	0	0	0	0	0
	Excision	1	3	5	9	18	0	2	4	7	16	0	0	1	2	5
	Intro or Removal	41	78	108	142	207	30	61	87	117	175	5	11	18	25	38
	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	1	5	0	0	0	1	5	0	0	0	0	0
	Other Procedures	10	29	64	143	349	3	11	31	72	224	3	13	30	60	142
	TOTAL-Other Musclskel	72	140	209	292	515	50	97	147	204	371	14	32	54	91	173
Spine	Excision	0	0	2	6	19	0	0	0	2	7	0	0	0	3	14
	Fracture and/or Dislocation	0	1	2	5	14	0	0	2	4	14	0	0	0	0	1
	Decompression	12	26	38	57	92	11	26	38	56	91	0	0	0	1	3
	Osteotomy	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0
	Arthrodesis/Anterior	3	7	13	20	33	2	7	12	19	32	0	0	0	0	2
	Arthrodesis/Posterior	9	21	34	52	95	6	18	30	44	84	0	0	1	4	18
	Arthrodesis/Deformity	1	4	7	12	20	0	0	1	2	7	0	2	5	9	15
	Exploration	0	0	1	2	5	0	0	1	1	4	0	0	0	0	1
	Instrumentation	8	21	33	49	84	3	13	23	37	64	1	4	8	13	23
	Other Procedures	0	0	1	2	7	0	0	0	1	3	0	0	0	1	4
TOTAL-Spine	64	109	152	206	323	45	85	121	169	278	6	16	25	38	68	

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[PART 6]		Programs in the Nation: 150 Residents in the Nation: 678														
		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	14	44	77	116	181	12	39	69	104	162	1	4	7	12	22
	Repair (Closure)	1	3	8	17	38	0	3	7	15	34	0	0	1	2	5
	Skin Grafts	0	2	4	7	15	0	2	4	6	14	0	0	0	0	2
	Flaps	0	0	1	2	5	0	0	1	2	5	0	0	0	0	1
	Other Procedures	0	0	0	1	3	0	0	0	1	3	0	0	0	0	1
	TOTAL-Integumentary		23	59	100	142	229	18	52	88	131	200	1	5	10	15
Nervous System	Incision/Excision	0	0	1	2	4	0	0	1	2	4	0	0	0	0	0
	Neuroplasty	5	10	15	20	30	5	10	14	19	29	0	0	0	1	2
	Transection or Avulsion	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Neurorrhaphy	0	2	4	7	12	0	2	3	6	12	0	0	0	0	2
	Carpal Tunnel	14	22	31	44	69	13	22	30	43	67	0	0	0	0	2
	Other Procedures	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	TOTAL-Nervous System		29	42	55	70	102	27	40	53	68	100	0	0	1	2
Miscellaneous	TOTAL-Miscellaneous	13	34	56	84	156	11	28	47	74	139	0	3	6	11	25
Oncology Cases	TOTAL-Oncology Cases	14	28	42	61	97	11	22	36	52	86	0	2	5	10	18
Microsurgeries	TOTAL-Microsurgeries	0	8	21	43	109	0	6	19	40	105	0	0	0	2	9
Trauma Cases	TOTAL-Trauma	339	424	495	596	753	263	334	396	480	616	52	74	95	121	179
Total of all procedures	TOTAL-Procedures	1,682	1,974	2,223	2,493	2,998	1,368	1,646	1,871	2,108	2,523	216	277	334	415	573