



Accreditation Council for Graduate Medical Education

Ophthalmology 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 resident role.
 - 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 Table 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.

OPHTHALMOLOGY: NATIONAL RESIDENT REPORT (Main Table)
Reporting Period: Total Experience of Residents Completing Programs in 2011-2012
Residency Review Committee for Ophthalmology
Report Date: October 30, 2012

[PART 1]		Number of Programs in the Nation: 117					Number of Residents in the Nation: 474									
		Surgeon					Assistant					TOTAL				
		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															
Cataract	Phacoemulsification	149.8	49	54	142	395	76.0	69	0	59	448	225.8	88	85	207	639
	Non-phacoemulsification ECCE	3.0	4	0	2	31	2.7	3	0	2	20	5.7	6	0	4	42
	TOTAL - Cataract	152.8	49	65	146	395	78.7	70	0	61	454	231.4	88	94	213	639
Other Cataract	Other cataract / IOL Surgery	2.9	4	0	2	51	4.1	9	0	2	156	7.1	11	0	5	167
	Anterior vitrectomy	2.7	3	0	2	21	1.0	2	0	0	10	3.7	4	0	3	24
	TOTAL - Other Cataract	5.6	6	0	4	57	5.1	10	0	3	156	10.7	12	0	8	168
Laser Surgery	YAG capsulotomy	16.5	11	0	14	117	0.8	2	0	0	33	17.4	12	0	15	117
	Laser trabeculoplasty	12.3	12	0	8	118	0.5	2	0	0	18	12.8	13	0	9	119
	Laser iridotomy	15.2	12	0	12	70	0.6	2	0	0	15	15.9	12	0	12	72
	Panretinal laser photocoagulation	48.7	55	0	32	644	2.2	5	0	0	60	50.8	56	0	34	647
	Focal laser photocoagulation	15.7	16	0	10	106	0.8	3	0	0	33	16.5	17	0	11	106
	Cyclodestructive procedures	2.1	3	0	1	17	0.5	1	0	0	6	2.5	3	0	2	18
	Other glaucoma lasers (incl iridoplasty)	0.8	1	0	0	12	0.1	0	0	0	4	0.9	2	0	0	12
	TOTAL - Laser Surgery	111.3	77	0	93	780	5.6	10	0	2	99	116.9	78	0	98	783
Corneal Surgery	Keratoplasty	2.3	3	0	1	34	7.7	7	0	6	42	9.9	8	0	8	49
	Conjunctival procs/Pterygium excision	5.7	7	0	3	39	1.6	2	0	1	19	7.3	7	0	5	41
	Other Cornea	4.5	4	0	4	32	3.8	4	0	2	29	8.3	7	0	6	50
	TOTAL - Cornea Surgery	12.4	9	1	9	49	13.1	11	0	10	60	25.5	14	3	23	75

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[PART 2]

Number of Programs in the Nation: 117 Number of Residents in the Nation: 474

		Surgeon					Assistant					TOTAL				
		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															
Keratorefractive Surgery	Incisional procedures	1.5	4	0	0	50	0.7	2	0	0	15	2.1	5	0	0	50
	Laser procedures	4.2	11	0	0	101	7.4	9	0	6	77	11.6	15	0	7	120
	Other (keratorefractive)	0.0	0	0	0	3	0.1	0	0	0	8	0.1	1	0	0	8
	TOTAL - Keratorefractive Surgery	5.7	12	0	1	101	8.1	9	0	6	79	13.8	15	0	9	121
Strabismus	Any muscle surgery	25.7	16	4	21	110	15.8	16	0	12	93	41.5	24	5	36	154
	Other strabismus	0.4	2	0	0	31	0.2	1	0	0	8	0.6	2	0	0	31
	TOTAL - Strabismus	26.1	17	4	22	111	16.0	16	0	12	101	42.1	25	5	36	155
Glaucoma	Filtering procedures	4.5	4	0	4	29	5.3	6	0	3	34	9.7	8	0	8	52
	Shunting procedures	5.7	4	0	5	23	5.6	6	0	4	39	11.3	8	0	10	51
	Other glaucoma	2.1	3	0	1	21	2.0	3	0	1	19	4.1	4	0	3	30
	TOTAL - Glaucoma	12.2	7	0	10	53	12.9	11	0	10	58	25.1	14	1	22	80
Retinal Vitreous	RRD repair	1.2	2	0	0	17	4.5	4	0	3	27	5.7	5	0	4	27
	Posterior vitrectomy (Pars Plana)	5.3	8	0	3	76	19.0	16	0	15	149	24.3	20	0	20	190
	TOTAL - Retinal Vitreous	6.5	9	0	3	76	23.4	19	0	19	163	29.9	22	0	24	192
Other Retinal	Cryotherapy	0.8	2	0	0	29	0.4	1	0	0	10	1.1	2	0	0	29
	Vitreous tap/inject	64.7	67	0	42	440	3.2	9	0	1	125	67.9	68	0	44	440
	Other retina	0.3	1	0	0	5	0.2	1	0	0	9	0.4	1	0	0	11
	TOTAL - Other Retinal	65.8	68	0	42	441	3.8	9	0	1	125	69.5	69	0	46	442

OPHTHALMOLOGY: NATIONAL RESIDENT REPORT (Main Table)
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[PART 3] Number of Programs in the Nation: 117 Number of Residents in the Nation: 474

		Surgeon					Assistant					TOTAL				
		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															
Oculoplastic and Orbit	Eye removal and implant	3.1	3	0	3	16	1.8	2	0	1	10	4.9	3	0	4	19
	Lacrimal surgery	7.2	6	0	5	41	6.8	6	0	5	33	14.0	9	0	13	52
	Other orbital surgery (eg, orbitotomy)	2.0	3	0	1	20	5.5	6	0	4	33	7.5	7	0	5	36
	Eyelid laceration / canalicular repair	9.4	7	0	8	46	3.5	4	0	2	31	12.9	9	0	11	62
	Chalazia excision	8.8	7	0	7	93	1.2	2	0	0	18	10.0	8	0	8	93
	Tarsorrhaphy	2.9	3	0	2	20	1.0	1	0	1	10	3.9	3	0	3	20
	Ptosis repair	6.6	8	0	5	89	8.2	9	0	6	83	14.8	13	0	11	111
	Entropion / ectropion repair	5.0	4	0	4	27	4.9	5	0	3	32	9.9	7	0	8	46
	Blepharoplasty / reconstruction	10.4	10	0	7	74	8.6	10	0	6	60	19.0	16	0	15	122
	Temporal artery biopsy	1.6	2	0	1	15	0.6	1	0	0	9	2.2	3	0	1	16
	Other oculoplastic surgery	13.9	10	0	12	73	6.1	6	0	4	31	20.0	12	1	18	89
	TOTAL - Oculoplastic and orbit	71.1	36	13	63	282	48.1	40	0	38	276	119.2	57	31	107	413
Globe Trauma	Corneal/corneoscleral laceration, globe rup	7.3	5	0	6	41	1.6	2	0	1	17	8.9	5	1	8	47
	Intraocular foreign body	0.4	1	0	0	8	0.3	1	0	0	3	0.7	1	0	0	8
	Other globe trauma (eg, ant chamber washout)	2.4	5	0	1	59	1.9	4	0	0	32	4.3	7	0	2	59
	TOTAL - Globe Trauma	10.2	7	0	8	65	3.7	5	0	2	37	13.9	10	1	11	84
TOTAL OF ALL PROCS	TOTAL - All Procedures	479.6	170	215	444	1,235	218.6	131	0	184	850	698.1	219	285	677	1,645

OPHTHALMOLOGY: NATIONAL RESIDENT STATISTICS REPORT (Benchmarks Table)

Reporting Period: Total Experience of Residents Completing Programs in 2011-2012

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[PART 1]		Programs in the Nation: 117					Residents in the Nation: 474									
		Surgeon					Assistant					TOTAL				
		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															
Cataract	Phacoemulsification	94	116	142	173	213	8	33	59	96	158	131	174	207	253	338
	Non-phacoemulsification ECCE	0	1	2	4	7	0	1	2	3	7	1	2	4	7	12
	TOTAL - Cataract	96	119	146	177	216	11	35	61	98	163	135	179	213	261	346
Other Cataract	Other cataract / IOL Surgery	0	1	2	3	7	0	1	2	5	8	1	3	5	8	13
	Anterior vitrectomy	0	0	2	4	6	0	0	0	1	3	0	1	3	5	8
	TOTAL - Other Cataract	0	2	4	7	12	0	1	3	6	11	2	5	8	13	20
Laser Surgery	YAG capsulotomy	7	11	14	19	29	0	0	0	1	2	7	11	15	19	31
	Laser trabeculoplasty	3	5	8	13	26	0	0	0	0	2	4	6	9	13	27
	Laser iridotomy	5	8	12	18	29	0	0	0	0	2	5	8	12	18	30
	Panretinal laser photocoagulation	19	24	32	49	94	0	0	0	1	6	20	26	34	51	94
	Focal laser photocoagulation	5	7	10	17	33	0	0	0	0	2	5	7	11	18	34
	Cyclodestructive procedures	0	0	1	3	6	0	0	0	0	2	0	0	2	3	7
	Other glaucoma lasers (incl iridoplasty)	0	0	0	1	2	0	0	0	0	0	0	0	0	1	3
	TOTAL - Laser Surgery	51	71	93	119	191	0	1	2	5	14	56	77	98	124	198
Corneal Surgery	Keratoplasty	0	0	1	3	5	0	3	6	10	18	2	5	8	12	21
	Conjunctival procs/Pterygium excision	0	2	3	6	16	0	0	1	2	4	1	3	5	8	18
	Other Cornea	1	2	4	5	10	0	1	2	5	10	2	4	6	10	17
	TOTAL - Cornea Surgery	4	6	9	15	26	2	5	10	17	29	9	16	23	32	46

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		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															
Keratorefractive Surgery	Incisional procedures	0	0	0	1	4	0	0	0	0	2	0	0	0	2	6
	Laser procedures	0	0	0	2	10	0	3	6	8	15	1	5	7	11	24
	Other (keratorefractive)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL - Keratorefractive Surgery	0	0	1	4	14	0	4	6	9	16	4	7	9	13	28
Strabismus	Any muscle surgery	11	15	21	28	50	0	5	12	21	37	16	26	36	50	73
	Other strabismus	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
	TOTAL - Strabismus	11	15	22	29	50	0	5	12	21	38	16	27	36	51	74
Glaucoma	Filtering procedures	1	2	4	5	9	0	1	3	6	13	2	5	8	11	21
	Shunting procedures	1	3	5	7	11	0	2	4	7	13	3	6	10	14	22
	Other glaucoma	0	0	1	2	5	0	0	1	2	5	0	1	3	5	10
	TOTAL - Glaucoma	5	8	10	14	22	1	5	10	16	29	10	15	22	30	45
Retinal Vitreous	RRD repair	0	0	0	1	4	0	2	3	5	11	1	3	4	7	13
	Posterior vitrectomy (Pars Plana)	0	1	3	6	14	5	10	15	22	35	9	13	20	29	42
	TOTAL - Retinal Vitreous	0	2	3	7	16	7	13	19	28	43	11	17	24	35	52
Other Retinal	Cryotherapy	0	0	0	1	2	0	0	0	0	1	0	0	0	1	3
	Vitreous tap/inject	6	25	42	71	150	0	0	1	2	7	8	27	44	76	162
	Other retina	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1
	TOTAL - Other Retinal	7	26	42	72	151	0	0	1	3	8	10	29	46	78	162

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		Surgeon					Assistant					TOTAL				
		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															
Oculoplastic and Orbit	Eye removal and implant	0	1	3	4	7	0	0	1	2	5	1	3	4	6	10
	Lacrimal surgery	2	4	5	9	16	0	3	5	9	15	4	8	13	17	24
	Other orbital surgery (eg, orbitotomy)	0	0	1	2	5	0	2	4	7	14	1	3	5	9	17
	Eyelid laceration / canalicular repair	3	5	8	11	18	0	1	2	4	9	4	7	11	16	24
	Chalazia excision	3	5	7	10	16	0	0	0	1	3	4	6	8	11	19
	Tarsorrhaphy	0	1	2	4	7	0	0	1	1	3	1	2	3	5	9
	Ptosis repair	1	3	5	7	14	0	3	6	10	20	4	8	11	17	31
	Entropion / ectropion repair	1	2	4	6	11	0	2	3	6	11	3	6	8	12	19
	Blepharoplasty / reconstruction	2	4	7	12	22	0	3	6	10	21	4	10	15	23	39
	Temporal artery biopsy	0	0	1	2	4	0	0	0	1	2	0	0	1	3	5
	Other oculoplastic surgery	3	8	12	18	26	0	2	4	7	14	6	13	18	25	36
	TOTAL - Oculoplastic and orbit	35	48	63	83	113	8	23	38	59	106	58	82	107	139	196
Globe Trauma	Corneal/corneoscleral laceration, globe rup	3	5	6	9	13	0	0	1	2	4	4	6	8	10	16
	Intraocular foreign body	0	0	0	0	1	0	0	0	0	1	0	0	0	1	2
	Other globe trauma (eg, ant chamber washout)	0	0	1	2	5	0	0	0	1	6	0	1	2	4	12
	TOTAL - Globe Trauma	4	6	8	11	18	0	1	2	4	10	5	8	11	16	26
TOTAL OF ALL PROCS	TOTAL - All Procedures	294	372	444	541	693	77	139	184	270	388	445	564	677	785	981