

22 PCSA Physician Standard Report

Included Counties: Fulton

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Allergy & Immunology		934,242	18	1.9	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.4	13	Surplus: 5	11	
Two Mature HMO	1.5	14	Surplus: 4	12	
Adjusted FTE	1.4	13	Surplus: 5	11	
GMENAC	0.8	7	Surplus: 11	7	
Kaiser Portland	1.7	16	Surplus: 2	14	
7 Kaiser Plans	1.2	11	Surplus: 7	10	
GHC Seattle	1.1	10	Surplus: 8	9	
Three HMOs					
Goodman	1.3	12	Surplus: 6	11	
Hicks & Glenn					
Solucient	1.7	16	Surplus: 2	14	
Average Requirement	1.3	12	Surplus: 6	11	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Anesthesiology		934,242	208	22.3	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	131	Surplus: 77	115	
Two Mature HMO	9.7	91	Surplus: 117	80	
Adjusted FTE	9.1	85	Surplus: 123	75	
GMENAC	8.9	83	Surplus: 125	73	
Kaiser Portland	5.9	55	Surplus: 153	48	
7 Kaiser Plans	3.9	36	Surplus: 172	32	
GHC Seattle	9.0	84	Surplus: 124	74	
Three HMOs					
Goodman	7.0	65	Surplus: 143	57	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	71	Surplus: 137	62	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Cardiovascular Diseases		934,242	144	15.4	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	70	Surplus: 74	62	
Two Mature HMO	5.4	50	Surplus: 94	44	
Adjusted FTE	5.0	47	Surplus: 97	41	
GMENAC	3.1	29	Surplus: 115	25	
Kaiser Portland	3.0	28	Surplus: 116	25	
7 Kaiser Plans	1.8	17	Surplus: 127	15	
GHC Seattle	2.9	27	Surplus: 117	24	
Three HMOs					
Goodman	3.6	34	Surplus: 110	30	
Hicks & Glenn	2.6	24	Surplus: 120	21	
Solucient	4.2	39	Surplus: 105	35	
Average Requirement	3.5	33	Surplus: 111	29	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Dermatology		934,242	69	7.4	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	35	Surplus: 34	30	
Two Mature HMO	2.8	26	Surplus: 43	23	
Adjusted FTE	2.6	24	Surplus: 45	21	
GMENAC	2.8	26	Surplus: 43	23	
Kaiser Portland	2.5	23	Surplus: 46	21	
7 Kaiser Plans	2.4	22	Surplus: 47	20	
GHC Seattle	2.6	24	Surplus: 45	21	
Three HMOs	1.6	15	Surplus: 54	13	
Goodman	1.4	13	Surplus: 56	11	
Hicks & Glenn	2.1	20	Surplus: 49	17	
Solucient	3.1	29	Surplus: 40	26	
Average Requirement	2.4	22	Surplus: 47	20	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Emergency Medicine		934,242	178	19.1	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	98	Surplus: 80	86	
Two Mature HMO	5.5	51	Surplus: 127	45	
Adjusted FTE	5.2	49	Surplus: 129	43	
GMENAC	5.4	50	Surplus: 128	44	
Kaiser Portland	6.7	63	Surplus: 115	55	
7 Kaiser Plans	5.3	50	Surplus: 128	43	
GHC Seattle					
Three HMOs					
Goodman	2.7	25	Surplus: 153	22	
Hicks & Glenn					
Solucient	12.4	116	Surplus: 62	102	
Average Requirement	6.2	58	Surplus: 120	51	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Endocrinology, Diabetes & Metabolism		934,242	34	3.6	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	17	Surplus: 17	15	
Two Mature HMO	1.1	10	Surplus: 24	9	
Adjusted FTE	1.0	9	Surplus: 25	8	
GMENAC	0.8	7	Surplus: 27	7	
Kaiser Portland	0.9	8	Surplus: 26	7	
7 Kaiser Plans	1.1	10	Surplus: 24	9	
GHC Seattle					
Three HMOs	0.6	6	Surplus: 28	5	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	8	Surplus: 26	7	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		934,242	224	24.0	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	294	Deficit: -70	258	
Two Mature HMO	45.6	426	Deficit: -202	374	
Adjusted FTE	42.6	398	Deficit: -174	349	
GMENAC	25.2	235	Deficit: -11	207	
Kaiser Portland	16.7	156	Surplus: 68	137	
7 Kaiser Plans	11.0	103	Surplus: 121	90	
GHC Seattle					
Three HMOs	9.2	86	Surplus: 138	75	
Goodman					
Hicks & Glenn	16.2	151	Surplus: 73	133	
Solucient	22.5	210	Surplus: 14	185	
Average Requirement	23.6	220	Surplus: 4	194	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		934,242	97	10.4	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	39	Surplus: 58	34	
Two Mature HMO	3.1	29	Surplus: 68	25	
Adjusted FTE					
GMENAC	3.2	30	Surplus: 67	26	
Kaiser Portland	1.7	16	Surplus: 81	14	
7 Kaiser Plans	1.7	16	Surplus: 81	14	
GHC Seattle					
Three HMOs					
Goodman	1.3	12	Surplus: 85	11	
Hicks & Glenn					
Solucient	3.5	33	Surplus: 64	29	
Average Requirement	2.4	22	Surplus: 75	20	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Hematology/Oncology		934,242	14	1.5	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	33	Deficit: -19	29	
Two Mature HMO	2.5	23	Deficit: -9	21	
Adjusted FTE	2.4	22	Deficit: -8	20	
GMENAC	3.6	34	Deficit: -20	30	
Kaiser Portland	2.3	21	Deficit: -7	19	
7 Kaiser Plans	1.8	17	Deficit: -3	15	
GHC Seattle	1.6	15	Deficit: -1	13	
Three HMOs	2.6	24	Deficit: -10	21	
Goodman	1.2	11	Surplus: 3	10	
Hicks & Glenn					
Solucient	1.1	10	Surplus: 4	9	
Average Requirement	2.1	20	Deficit: -6	17	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Infectious Disease		934,242	67	7.2	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.2	21	Surplus: 46	18	
Two Mature HMO	0.7	7	Surplus: 60	6	
Adjusted FTE	0.6	6	Surplus: 61	5	
GMENAC	0.9	8	Surplus: 59	7	
Kaiser Portland	1.2	11	Surplus: 56	10	
7 Kaiser Plans	0.7	7	Surplus: 60	6	
GHC Seattle	0.6	6	Surplus: 61	5	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.8	7	Surplus: 60	7	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		934,242	554	59.3	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	496	Surplus: 58	436	
Two Mature HMO	21.4	200	Surplus: 354	176	
Adjusted FTE	20.0	187	Surplus: 367	164	
GMENAC	28.8	269	Surplus: 285	236	
Kaiser Portland	28.1	263	Surplus: 291	231	
7 Kaiser Plans	30.3	283	Surplus: 271	249	
GHC Seattle					
Three HMOs	16.7	156	Surplus: 398	137	
Goodman					
Hicks & Glenn	11.3	106	Surplus: 448	93	
Solucient	19.0	178	Surplus: 376	156	
Average Requirement	22.0	206	Surplus: 348	180	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Nephrology		934,242	43	4.6	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	24	Surplus: 19	21	
Two Mature HMO	1.4	13	Surplus: 30	11	
Adjusted FTE	1.3	12	Surplus: 31	11	
GMENAC	1.1	10	Surplus: 33	9	
Kaiser Portland	0.8	7	Surplus: 36	7	
7 Kaiser Plans	0.7	7	Surplus: 36	6	
GHC Seattle	0.9	8	Surplus: 35	7	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	7	Surplus: 36	6	
Average Requirement	1.0	9	Surplus: 34	8	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Neurological Surgery		934,242	29	3.1	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.9	18	Surplus: 11	16	
Two Mature HMO	1.1	10	Surplus: 19	9	
Adjusted FTE	1.0	9	Surplus: 20	8	
GMENAC	1.1	10	Surplus: 19	9	
Kaiser Portland	1.4	13	Surplus: 16	11	
7 Kaiser Plans					
GHC Seattle	0.4	4	Surplus: 25	3	
Three HMOs					
Goodman	0.7	7	Surplus: 22	6	
Hicks & Glenn					
Solucient					
Average Requirement	1.0	9	Surplus: 20	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Neurology		934,242	62	6.6	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	47	Surplus: 15	41	
Two Mature HMO	2.4	22	Surplus: 40	20	
Adjusted FTE	2.3	21	Surplus: 41	19	
GMENAC	3.3	31	Surplus: 31	27	
Kaiser Portland	1.3	12	Surplus: 50	11	
7 Kaiser Plans	1.7	16	Surplus: 46	14	
GHC Seattle	1.2	11	Surplus: 51	10	
Three HMOs					
Goodman	2.1	20	Surplus: 42	17	
Hicks & Glenn	1.4	13	Surplus: 49	11	
Solucient	1.8	17	Surplus: 45	15	
Average Requirement	1.9	18	Surplus: 44	16	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
OB/GYN		934,242	235	25.2	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	132	Surplus: 103	116	
Two Mature HMO	12.1	113	Surplus: 122	99	
Adjusted FTE	11.3	106	Surplus: 129	93	
GMENAC	9.9	92	Surplus: 143	81	
Kaiser Portland	11.6	108	Surplus: 127	95	
7 Kaiser Plans	11.5	107	Surplus: 128	94	
GHC Seattle	10.0	93	Surplus: 142	82	
Three HMOs	8.8	82	Surplus: 153	72	
Goodman	8.4	78	Surplus: 157	69	
Hicks & Glenn	8.0	75	Surplus: 160	66	
Solucient	10.2	95	Surplus: 140	83	
Average Requirement	10.2	95	Surplus: 140	84	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Ophthalmology		934,242	92	9.8	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	56	Surplus: 36	49	
Two Mature HMO	5.9	55	Surplus: 37	48	
Adjusted FTE	5.5	51	Surplus: 41	45	
GMENAC	4.6	43	Surplus: 49	38	
Kaiser Portland	2.4	22	Surplus: 70	20	
7 Kaiser Plans	3.1	29	Surplus: 63	25	
GHC Seattle	5.0	47	Surplus: 45	41	
Three HMOs					
Goodman	3.5	33	Surplus: 59	29	
Hicks & Glenn	3.2	30	Surplus: 62	26	
Solucient	4.7	44	Surplus: 48	39	
Average Requirement	4.2	39	Surplus: 53	34	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Orthopedic Surgery		934,242	143	15.3	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	78	Surplus: 65	68	
Two Mature HMO	6.8	64	Surplus: 79	56	
Adjusted FTE	6.4	60	Surplus: 83	53	
GMENAC	6.0	56	Surplus: 87	49	
Kaiser Portland	5.9	55	Surplus: 88	48	
7 Kaiser Plans	4.2	39	Surplus: 104	34	
GHC Seattle	6.7	63	Surplus: 80	55	
Three HMOs	3.0	28	Surplus: 115	25	
Goodman	5.9	55	Surplus: 88	48	
Hicks & Glenn	4.2	39	Surplus: 104	34	
Solucient	6.1	57	Surplus: 86	50	
Average Requirement	5.5	51	Surplus: 92	45	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Otolaryngology		934,242	67	7.2	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	32	Surplus: 35	28	
Two Mature HMO	3.2	30	Surplus: 37	26	
Adjusted FTE					
GMENAC	3.2	30	Surplus: 37	26	
Kaiser Portland	3.4	32	Surplus: 35	28	
7 Kaiser Plans	2.4	22	Surplus: 45	20	
GHC Seattle	3.0	28	Surplus: 39	25	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	28	Surplus: 39	25	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pathology		934,242	59	6.3	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	59	Adequate 0	52	
Two Mature HMO	1.9	18	Surplus: 41	16	
Adjusted FTE	1.8	17	Surplus: 42	15	
GMENAC	6.4	60	Deficit: -1	53	
Kaiser Portland	3.3	31	Surplus: 28	27	
7 Kaiser Plans	1.8	17	Surplus: 42	15	
GHC Seattle					
Three HMOs					
Goodman	4.1	38	Surplus: 21	34	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	30	Surplus: 29	26	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pediatrics		934,242	290	31.0	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	233	Surplus: 57	204	
Two Mature HMO	16.6	155	Surplus: 135	136	
Adjusted FTE	15.5	145	Surplus: 145	127	
GMENAC	12.4	116	Surplus: 174	102	
Kaiser Portland	11.9	111	Surplus: 179	98	
7 Kaiser Plans	16.0	149	Surplus: 141	131	
GHC Seattle					
Three HMOs	9.8	92	Surplus: 198	80	
Goodman					
Hicks & Glenn	7.6	71	Surplus: 219	62	
Solucient	13.9	130	Surplus: 160	114	
Average Requirement	13.0	121	Surplus: 169	107	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Plastic Surgery		934,242	76	8.1	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	22	Surplus: 54	20	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	10	Surplus: 66	9	
Kaiser Portland	0.3	3	Surplus: 73	2	
7 Kaiser Plans					
GHC Seattle	0.4	4	Surplus: 72	3	
Three HMOs					
Goodman	1.1	10	Surplus: 66	9	
Hicks & Glenn	2.3	21	Surplus: 55	19	
Solucient	2.2	21	Surplus: 55	18	
Average Requirement		11	Surplus: 65	10	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Psychiatry		934,242	240	25.7	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	127	Surplus: 113	112	
Two Mature HMO		72	Surplus: 168	63	
Adjusted FTE		67	Surplus: 173	59	
GMENAC	15.4	144	Surplus: 96	126	
Kaiser Portland	5.2	49	Surplus: 191	43	
7 Kaiser Plans	4.1	38	Surplus: 202	34	
GHC Seattle					
Three HMOs					
Goodman	7.2	67	Surplus: 173	59	
Hicks & Glenn	3.9	36	Surplus: 204	32	
Solucient	5.7	54	Surplus: 186	47	
Average Requirement		66	Surplus: 174	58	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pulmonary Diseases		934,242	57	6.1	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	33	Surplus: 24	29	
Two Mature HMO	2.0	19	Surplus: 38	16	
Adjusted FTE	1.9	18	Surplus: 39	16	
GMENAC	1.4	13	Surplus: 44	11	
Kaiser Portland	1.4	13	Surplus: 44	11	
7 Kaiser Plans	1.0	9	Surplus: 48	8	
GHC Seattle	1.4	13	Surplus: 44	11	
Three HMOs					
Goodman	1.4	13	Surplus: 44	11	
Hicks & Glenn					
Solucient	1.3	12	Surplus: 45	11	
Average Requirement	1.5	14	Surplus: 43	12	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Radiology		934,242	173	18.5	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	107	Surplus: 66	94	
Two Mature HMO	13.6	127	Surplus: 46	112	
Adjusted FTE	13.7	128	Surplus: 45	112	
GMENAC	7.7	72	Surplus: 101	63	
Kaiser Portland	8.5	79	Surplus: 94	70	
7 Kaiser Plans	4.7	44	Surplus: 129	39	
GHC Seattle	7.7	72	Surplus: 101	63	
Three HMOs					
Goodman	8.0	75	Surplus: 98	66	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	85	Surplus: 88	75	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Rheumatology		934,242	20	2.1	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	14	Surplus: 6	12	
Two Mature HMO	1.1	10	Surplus: 10	9	
Adjusted FTE	1.0	9	Surplus: 11	8	
GMENAC	0.7	7	Surplus: 13	6	
Kaiser Portland	0.4	4	Surplus: 16	3	
7 Kaiser Plans	0.7	7	Surplus: 13	6	
GHC Seattle	0.7	7	Surplus: 13	6	
Three HMOs					
Goodman	0.4	4	Surplus: 16	3	
Hicks & Glenn					
Solucient	1.3	12	Surplus: 8	11	
Average Requirement	0.8	7	Surplus: 13	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
General Surgery		934,242	138	14.8	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	117	Surplus: 21	103	
Two Mature HMO	9.4	88	Surplus: 50	77	
Adjusted FTE	8.8	82	Surplus: 56	72	
GMENAC	9.7	91	Surplus: 47	80	
Kaiser Portland	7.0	65	Surplus: 73	57	
7 Kaiser Plans	6.2	58	Surplus: 80	51	
GHC Seattle	5.9	55	Surplus: 83	48	
Three HMOs	4.2	39	Surplus: 99	34	
Goodman	9.7	91	Surplus: 47	80	
Hicks & Glenn	4.1	38	Surplus: 100	34	
Solucient	6.0	56	Surplus: 82	49	
Average Requirement	7.1	66	Surplus: 72	58	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Thoracic Surgery		934,242	25	2.7	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	14	Surplus: 11	12	
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	7	Surplus: 18	7	
Kaiser Portland	0.1	1	Surplus: 24	1	
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.5	5	Surplus: 20	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Urology		934,242	57	6.1	820,384
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	33	Surplus: 24	29	
Two Mature HMO	3.5	33	Surplus: 24	29	
Adjusted FTE	3.3	31	Surplus: 26	27	
GMENAC	3.1	29	Surplus: 28	25	
Kaiser Portland	3.3	31	Surplus: 26	27	
7 Kaiser Plans	2.3	21	Surplus: 36	19	
GHC Seattle	2.9	27	Surplus: 30	24	
Three HMOs					
Goodman	2.6	24	Surplus: 33	21	
Hicks & Glenn	1.9	18	Surplus: 39	16	
Solucient	2.9	27	Surplus: 30	23	
Average Requirement	2.9	27	Surplus: 30	24	

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Report created by Georgia Board for Physician Workforce, State of Georgia

*Standards are presented as rates per 100,000 population

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