

23 PCSA Physician Standard Report

Included Counties: DeKalb

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Allergy & Immunology		719,412	9	1.3	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	1.4	10	Deficit: -1		9
Two Mature HMO	1.5	11	Deficit: -2		10
Adjusted FTE	1.4	10	Deficit: -1		9
GMENAC	0.8	6	Surplus: 3		5
Kaiser Portland	1.7	12	Deficit: -3		11
7 Kaiser Plans	1.2	9	Adequate 0		8
GHC Seattle	1.1	8	Surplus: 1		7
Three HMOs					
Goodman	1.3	9	Adequate 0		9
Hicks & Glenn					
Solucient	1.7	12	Deficit: -3		11
Average Requirement	1.3	9	Adequate 0		9

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Anesthesiology		719,412	91	12.6	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	14.0	101	Deficit: -10		93
Two Mature HMO	9.7	70	Surplus: 21		64
Adjusted FTE	9.1	65	Surplus: 26		60
GMENAC	8.9	64	Surplus: 27		59
Kaiser Portland	5.9	42	Surplus: 49		39
7 Kaiser Plans	3.9	28	Surplus: 63		26
GHC Seattle	9.0	65	Surplus: 26		60
Three HMOs					
Goodman	7.0	50	Surplus: 41		46
Hicks & Glenn					
Solucient					
Average Requirement	7.6	55	Surplus: 36		50

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Cardiovascular Diseases		719,412	78	10.8	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	54	Surplus: 24	50	
Two Mature HMO	5.4	39	Surplus: 39	36	
Adjusted FTE	5.0	36	Surplus: 42	33	
GMENAC	3.1	22	Surplus: 56	21	
Kaiser Portland	3.0	22	Surplus: 56	20	
7 Kaiser Plans	1.8	13	Surplus: 65	12	
GHC Seattle	2.9	21	Surplus: 57	19	
Three HMOs					
Goodman	3.6	26	Surplus: 52	24	
Hicks & Glenn	2.6	19	Surplus: 59	17	
Solucient	4.2	30	Surplus: 48	28	
Average Requirement	3.5	25	Surplus: 53	23	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Dermatology		719,412	30	4.2	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	27	Surplus: 3	25	
Two Mature HMO	2.8	20	Surplus: 10	19	
Adjusted FTE	2.6	19	Surplus: 11	17	
GMENAC	2.8	20	Surplus: 10	19	
Kaiser Portland	2.5	18	Surplus: 12	17	
7 Kaiser Plans	2.4	17	Surplus: 13	16	
GHC Seattle	2.6	19	Surplus: 11	17	
Three HMOs	1.6	12	Surplus: 18	11	
Goodman	1.4	10	Surplus: 20	9	
Hicks & Glenn	2.1	15	Surplus: 15	14	
Solucient	3.1	23	Surplus: 7	21	
Average Requirement	2.4	17	Surplus: 13	16	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		719,412	71	9.9	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	76	Deficit: -5	70	
Two Mature HMO	5.5	40	Surplus: 31	36	
Adjusted FTE	5.2	37	Surplus: 34	34	
GMENAC	5.4	39	Surplus: 32	36	
Kaiser Portland	6.7	48	Surplus: 23	44	
7 Kaiser Plans	5.3	38	Surplus: 33	35	
GHC Seattle					
Three HMOs					
Goodman	2.7	19	Surplus: 52	18	
Hicks & Glenn					
Solucient	12.4	89	Deficit: -18	82	
Average Requirement	6.2	45	Surplus: 26	41	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Endocrinology, Diabetes & Metabolism		719,412	28	3.9	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	13	Surplus: 15	12	
Two Mature HMO	1.1	8	Surplus: 20	7	
Adjusted FTE	1.0	7	Surplus: 21	7	
GMENAC	0.8	6	Surplus: 22	5	
Kaiser Portland	0.9	6	Surplus: 22	6	
7 Kaiser Plans	1.1	8	Surplus: 20	7	
GHC Seattle					
Three HMOs	0.6	4	Surplus: 24	4	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	6	Surplus: 22	6	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		719,412	190	26.4	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	227	Deficit: -37	209	
Two Mature HMO	45.6	328	Deficit: -138	302	
Adjusted FTE	42.6	306	Deficit: -116	283	
GMENAC	25.2	181	Surplus: 9	167	
Kaiser Portland	16.7	120	Surplus: 70	111	
7 Kaiser Plans	11.0	79	Surplus: 111	73	
GHC Seattle					
Three HMOs	9.2	66	Surplus: 124	61	
Goodman					
Hicks & Glenn	16.2	117	Surplus: 73	107	
Solucient	22.5	162	Surplus: 28	149	
Average Requirement	23.6	170	Surplus: 20	157	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		719,412	35	4.9	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	30	Surplus: 5	28	
Two Mature HMO	3.1	22	Surplus: 13	21	
Adjusted FTE					
GMENAC	3.2	23	Surplus: 12	21	
Kaiser Portland	1.7	12	Surplus: 23	11	
7 Kaiser Plans	1.7	12	Surplus: 23	11	
GHC Seattle					
Three HMOs					
Goodman	1.3	9	Surplus: 26	9	
Hicks & Glenn					
Solucient	3.5	25	Surplus: 10	23	
Average Requirement	2.4	17	Surplus: 18	16	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Hematology/Oncology	719,412	9	1.3	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	25	Deficit: -16	23
Two Mature HMO	2.5	18	Deficit: -9	17
Adjusted FTE	2.4	17	Deficit: -8	16
GMENAC	3.6	26	Deficit: -17	24
Kaiser Portland	2.3	17	Deficit: -8	15
7 Kaiser Plans	1.8	13	Deficit: -4	12
GHC Seattle	1.6	12	Deficit: -3	11
Three HMOs	2.6	19	Deficit: -10	17
Goodman	1.2	9	Adequate 0	8
Hicks & Glenn				
Solucient	1.1	8	Surplus: 1	7
Average Requirement	2.1	15	Deficit: -6	14

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Infectious Disease	719,412	74	10.3	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.2	16	Surplus: 58	15
Two Mature HMO	0.7	5	Surplus: 69	5
Adjusted FTE	0.6	4	Surplus: 70	4
GMENAC	0.9	6	Surplus: 68	6
Kaiser Portland	1.2	9	Surplus: 65	8
7 Kaiser Plans	0.7	5	Surplus: 69	5
GHC Seattle	0.6	4	Surplus: 70	4
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.8	6	Surplus: 68	5

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		719,412	277	38.5	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	382	Deficit: -105	352	
Two Mature HMO	21.4	154	Surplus: 123	142	
Adjusted FTE	20.0	144	Surplus: 133	133	
GMENAC	28.8	207	Surplus: 70	191	
Kaiser Portland	28.1	202	Surplus: 75	186	
7 Kaiser Plans	30.3	218	Surplus: 59	201	
GHC Seattle					
Three HMOs	16.7	120	Surplus: 157	111	
Goodman					
Hicks & Glenn	11.3	81	Surplus: 196	75	
Solucient	19.0	137	Surplus: 140	126	
Average Requirement	22.0	158	Surplus: 119	146	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Nephrology		719,412	35	4.9	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	19	Surplus: 16	17	
Two Mature HMO	1.4	10	Surplus: 25	9	
Adjusted FTE	1.3	9	Surplus: 26	9	
GMENAC	1.1	8	Surplus: 27	7	
Kaiser Portland	0.8	6	Surplus: 29	5	
7 Kaiser Plans	0.7	5	Surplus: 30	5	
GHC Seattle	0.9	6	Surplus: 29	6	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	5	Surplus: 30	5	
Average Requirement	1.0	7	Surplus: 28	7	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Neurological Surgery		719,412	17	2.4	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.9	14	Surplus: 3	13	
Two Mature HMO	1.1	8	Surplus: 9	7	
Adjusted FTE	1.0	7	Surplus: 10	7	
GMENAC	1.1	8	Surplus: 9	7	
Kaiser Portland	1.4	10	Surplus: 7	9	
7 Kaiser Plans					
GHC Seattle	0.4	3	Surplus: 14	3	
Three HMOs					
Goodman	0.7	5	Surplus: 12	5	
Hicks & Glenn					
Solucient					
Average Requirement	1.0	7	Surplus: 10	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Neurology		719,412	56	7.8	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	36	Surplus: 20	33	
Two Mature HMO	2.4	17	Surplus: 39	16	
Adjusted FTE	2.3	17	Surplus: 39	15	
GMENAC	3.3	24	Surplus: 32	22	
Kaiser Portland	1.3	9	Surplus: 47	9	
7 Kaiser Plans	1.7	12	Surplus: 44	11	
GHC Seattle	1.2	9	Surplus: 47	8	
Three HMOs					
Goodman	2.1	15	Surplus: 41	14	
Hicks & Glenn	1.4	10	Surplus: 46	9	
Solucient	1.8	13	Surplus: 43	12	
Average Requirement	1.9	14	Surplus: 42	13	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
OB/GYN		719,412	78	10.8	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	101	Deficit: -23	94	
Two Mature HMO	12.1	87	Deficit: -9	80	
Adjusted FTE	11.3	81	Deficit: -3	75	
GMENAC	9.9	71	Surplus: 7	66	
Kaiser Portland	11.6	83	Deficit: -5	77	
7 Kaiser Plans	11.5	83	Deficit: -5	76	
GHC Seattle	10.0	72	Surplus: 6	66	
Three HMOs	8.8	63	Surplus: 15	58	
Goodman	8.4	60	Surplus: 18	56	
Hicks & Glenn	8.0	58	Surplus: 20	53	
Solucient	10.2	73	Surplus: 5	67	
Average Requirement	10.2	73	Surplus: 5	68	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Ophthalmology		719,412	68	9.5	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	43	Surplus: 25	40	
Two Mature HMO	5.9	42	Surplus: 26	39	
Adjusted FTE	5.5	40	Surplus: 28	36	
GMENAC	4.6	33	Surplus: 35	31	
Kaiser Portland	2.4	17	Surplus: 51	16	
7 Kaiser Plans	3.1	22	Surplus: 46	21	
GHC Seattle	5.0	36	Surplus: 32	33	
Three HMOs					
Goodman	3.5	25	Surplus: 43	23	
Hicks & Glenn	3.2	23	Surplus: 45	21	
Solucient	4.7	34	Surplus: 34	31	
Average Requirement	4.2	30	Surplus: 38	28	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Orthopedic Surgery		719,412	44	6.1	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	60	Deficit: -16	55	
Two Mature HMO	6.8	49	Deficit: -5	45	
Adjusted FTE	6.4	46	Deficit: -2	42	
GMENAC	6.0	43	Surplus: 1	40	
Kaiser Portland	5.9	42	Surplus: 2	39	
7 Kaiser Plans	4.2	30	Surplus: 14	28	
GHC Seattle	6.7	48	Deficit: -4	44	
Three HMOs	3.0	22	Surplus: 22	20	
Goodman	5.9	42	Surplus: 2	39	
Hicks & Glenn	4.2	30	Surplus: 14	28	
Solucient	6.1	44	Adequate 0	41	
Average Requirement	5.5	40	Surplus: 4	36	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Otolaryngology		719,412	23	3.2	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	24	Deficit: -1	23	
Two Mature HMO	3.2	23	Adequate 0	21	
Adjusted FTE					
GMENAC	3.2	23	Adequate 0	21	
Kaiser Portland	3.4	24	Deficit: -1	23	
7 Kaiser Plans	2.4	17	Surplus: 6	16	
GHC Seattle	3.0	22	Surplus: 1	20	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	22	Surplus: 1	20	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pathology		719,412	85	11.8	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	45	Surplus: 40	42	
Two Mature HMO	1.9	14	Surplus: 71	13	
Adjusted FTE	1.8	13	Surplus: 72	12	
GMENAC	6.4	46	Surplus: 39	42	
Kaiser Portland	3.3	24	Surplus: 61	22	
7 Kaiser Plans	1.8	13	Surplus: 72	12	
GHC Seattle					
Three HMOs					
Goodman	4.1	29	Surplus: 56	27	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	23	Surplus: 62	21	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pediatrics		719,412	235	32.7	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	179	Surplus: 56	165	
Two Mature HMO	16.6	119	Surplus: 116	110	
Adjusted FTE	15.5	112	Surplus: 123	103	
GMENAC	12.4	89	Surplus: 146	82	
Kaiser Portland	11.9	86	Surplus: 149	79	
7 Kaiser Plans	16.0	115	Surplus: 120	106	
GHC Seattle					
Three HMOs	9.8	71	Surplus: 164	65	
Goodman					
Hicks & Glenn	7.6	55	Surplus: 180	50	
Solucient	13.9	100	Surplus: 135	92	
Average Requirement	13.0	94	Surplus: 141	86	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Plastic Surgery		719,412	16	2.2	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	17	Deficit: -1	16	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	8	Surplus: 8	7	
Kaiser Portland	0.3	2	Surplus: 14	2	
7 Kaiser Plans					
GHC Seattle	0.4	3	Surplus: 13	3	
Three HMOs					
Goodman	1.1	8	Surplus: 8	7	
Hicks & Glenn	2.3	17	Deficit: -1	15	
Solucient	2.2	16	Adequate 0	15	
Average Requirement		9	Surplus: 7	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Psychiatry		719,412	180	25.0	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	98	Surplus: 82	90	
Two Mature HMO		55	Surplus: 125	51	
Adjusted FTE		52	Surplus: 128	48	
GMENAC	15.4	111	Surplus: 69	102	
Kaiser Portland	5.2	37	Surplus: 143	34	
7 Kaiser Plans		29	Surplus: 151	27	
GHC Seattle					
Three HMOs					
Goodman	7.2	52	Surplus: 128	48	
Hicks & Glenn	3.9	28	Surplus: 152	26	
Solucient	5.7	41	Surplus: 139	38	
Average Requirement		51	Surplus: 129	47	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pulmonary Diseases		719,412	42	5.8	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	25	Surplus: 17	23	
Two Mature HMO	2.0	14	Surplus: 28	13	
Adjusted FTE	1.9	14	Surplus: 28	13	
GMENAC	1.4	10	Surplus: 32	9	
Kaiser Portland	1.4	10	Surplus: 32	9	
7 Kaiser Plans	1.0	7	Surplus: 35	7	
GHC Seattle	1.4	10	Surplus: 32	9	
Three HMOs					
Goodman	1.4	10	Surplus: 32	9	
Hicks & Glenn					
Solucient	1.3	9	Surplus: 33	9	
Average Requirement	1.5	11	Surplus: 31	10	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Radiology		719,412	96	13.3	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	82	Surplus: 14	76	
Two Mature HMO	13.6	98	Deficit: -2	90	
Adjusted FTE	13.7	99	Deficit: -3	91	
GMENAC	7.7	55	Surplus: 41	51	
Kaiser Portland	8.5	61	Surplus: 35	56	
7 Kaiser Plans	4.7	34	Surplus: 62	31	
GHC Seattle	7.7	55	Surplus: 41	51	
Three HMOs					
Goodman	8.0	58	Surplus: 38	53	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	65	Surplus: 31	60	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Rheumatology		719,412	15	2.1	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	11	Surplus: 4	10	
Two Mature HMO	1.1	8	Surplus: 7	7	
Adjusted FTE	1.0	7	Surplus: 8	7	
GMENAC	0.7	5	Surplus: 10	5	
Kaiser Portland	0.4	3	Surplus: 12	3	
7 Kaiser Plans	0.7	5	Surplus: 10	5	
GHC Seattle	0.7	5	Surplus: 10	5	
Three HMOs					
Goodman	0.4	3	Surplus: 12	3	
Hicks & Glenn					
Solucient	1.3	10	Surplus: 5	9	
Average Requirement	0.8	6	Surplus: 9	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
General Surgery		719,412	59	8.2	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	90	Deficit: -31	83	
Two Mature HMO	9.4	68	Deficit: -9	62	
Adjusted FTE	8.8	63	Deficit: -4	58	
GMENAC	9.7	70	Deficit: -11	64	
Kaiser Portland	7.0	50	Surplus: 9	46	
7 Kaiser Plans	6.2	45	Surplus: 14	41	
GHC Seattle	5.9	42	Surplus: 17	39	
Three HMOs	4.2	30	Surplus: 29	28	
Goodman	9.7	70	Deficit: -11	64	
Hicks & Glenn	4.1	29	Surplus: 30	27	
Solucient	6.0	43	Surplus: 16	40	
Average Requirement	7.1	51	Surplus: 8	47	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Thoracic Surgery		719,412	10	1.4	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	1.5	11	Deficit: -1		10
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	6	Surplus: 4		5
Kaiser Portland	0.1	1	Surplus: 9		1
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement		4	Surplus: 6		3

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Urology		719,412	25	3.5	663,345
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	3.5	25	Adequate 0		23
Two Mature HMO		25	Adequate 0		23
Adjusted FTE		24	Surplus: 1		22
GMENAC	3.1	22	Surplus: 3		21
Kaiser Portland	3.3	24	Surplus: 1		22
7 Kaiser Plans		17	Surplus: 8		15
GHC Seattle		21	Surplus: 4		19
Three HMOs					
Goodman		19	Surplus: 6		17
Hicks & Glenn		14	Surplus: 11		13
Solucient		21	Surplus: 4		19
Average Requirement		21	Surplus: 4		19

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

*Standards are presented as rates per 100,000 population

- (1) McClendon, B., R.Polizer, E. Christain, and E. Fernandez. 1997. Downsizing the Physician Workforce. Public Health Reports. May/June 112:231-239.
- (2) Graduate Medical Education National Advisory Committee Summary Report. 1981. Pub. No. (HRA) 81-651. Washington: Government Printing Office.
- (3) American Medical Association. 1996. Physician Characteristics and Distribution in the US: 1995/1996. Chicago.
- (4) American Osteopathic Association. 1993. 1994 Yearbook and Directory of Osteopathic Physicians. Chicago.
- (5) Hart, L., E. Wagner, J. Parzada, A.Nelson, and R.Rosenblah. 1997. Physician Staffing Ratios in Staff- Model HMO's: A Cautionary Tale, Health Affairs 16, no. 1:55-70.
- (6) Weiner, J.P. 1994 Forecasting the Effects of Health Reform on U.S. Physician Workforce Requirement. JAMA 272, no. 3:222-230.
- (7) Steinwachs, D., J.P. Weiner, S. Shapiro, et al. 1986. A Comparison of the Requirements for Primary Care Physicians in with Projections Made by the Graduate Medical National Advisory Committee. New England Journal of Medicine 314:217-222.
- (8) Kronick, R., D.C. Goodman, J. Wennberg, and E.Wagner. 1993. The Marketplace in Health Care Reform: The Demographic Limitations of Managed Competition. New England Journal of Medicine 328:1480-152. See also, related NAPS Document 04998.
- (9) Vansdow, N.A. The Physician Workforce: Issues for Academic Medical Centers. Forum on the Future of Academic Medicine. December 2, 1996.
- (10) Forte, G.J., Dionne, M., Beaulieu, M., and Salsberg, E. Profile of New York State Physicians. Rensselaer, NY: Center for Health Workforce Studies, School of Public Health, SUNY Albany. April 2001.
- (11) A Review of Physician-to-Population Ratios. Merritt Hawkins & Associates. GMENAC, Goodman (Dec. 11, 1996 JAMA), Hicks & Glenn (1989 Journal of Health Care Management), Solucient (2003).
- (12) American Medical Association. Physician Characteristics and Distribution in the US, 2010 Edition; 2010.