

9.2-Southeast (Waycross) PHD Physician Standard Report

Included Counties: Appling, Atkinson, Bacon, Brantley, Bulloch, Candler, Charlton, Clinch, Coffee, Evans, Jeff Davis, Pierce, Tattnall, Toombs, Ware, Wayne

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Allergy & Immunology		328,599	1	0.3	337,454	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	1.4	5	Deficit: -4	5	Deficit: -3	
Two Mature HMO	1.5	5	Deficit: -4	5	Deficit: -3	
Adjusted FTE	1.4	5	Deficit: -4	5	Deficit: -3	
GMENAC	0.8	3	Deficit: -2	3	Deficit: -1	
Kaiser Portland	1.7	6	Deficit: -5	6	Deficit: -4	
7 Kaiser Plans	1.2	4	Deficit: -3	4	Deficit: -2	
GMH Seattle	1.1	4	Deficit: -3	4	Deficit: -2	
Three HMOs						
Average Requirement	1.3	4	Deficit: -3	4	Deficit: -2	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Anesthesiology		328,599	24	7.3	337,454	37
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.2	43	Deficit: -19	45	Deficit: -8	
Two Mature HMO	9.7	32	Deficit: -8	33	Surplus: 4	
Adjusted FTE	9.1	30	Deficit: -6	31	Surplus: 6	
GMENAC	8.9	29	Deficit: -5	30	Surplus: 7	
Kaiser Portland	5.9	19	Surplus: 5	20	Surplus: 17	
7 Kaiser Plans	3.9	13	Surplus: 11	13	Surplus: 24	
GMH Seattle	9.0	30	Deficit: -6	30	Surplus: 7	
Three HMOs						
Average Requirement	7.8	26	Deficit: -2	26	Surplus: 11	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Cardiovascular Diseases		328,599	9	2.7	337,454	14
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	7.5	25	Deficit: -16	25	Deficit: -11	
Two Mature HMO	5.4	18	Deficit: -9	18	Deficit: -4	
Adjusted FTE	5.0	16	Deficit: -7	17	Deficit: -3	
GMENAC	3.1	10	Deficit: -1	10	Surplus: 4	
Kaiser Portland	3.0	10	Deficit: -1	10	Surplus: 4	
7 Kaiser Plans	1.8	6	Surplus: 3	6	Surplus: 8	
GMH Seattle	2.9	10	Deficit: -1	10	Surplus: 4	
Three HMOs						
Average Requirement	3.5	12	Deficit: -3	12	Surplus: 2	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Dermatology		328,599	4	1.2	337,454	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.6	12	Deficit: -8	12	Deficit: -5	
Two Mature HMO	2.8	9	Deficit: -5	9	Deficit: -2	
Adjusted FTE	2.6	9	Deficit: -5	9	Deficit: -2	
GMENAC	2.8	9	Deficit: -5	9	Deficit: -2	
Kaiser Portland	2.5	8	Deficit: -4	8	Deficit: -1	
7 Kaiser Plans	2.4	8	Deficit: -4	8	Deficit: -1	
GMH Seattle	2.6	9	Deficit: -5	9	Deficit: -2	
Three HMOs	1.6	5	Deficit: -1	5	Surplus: 2	
Average Requirement	2.5	8	Deficit: -4	8	Deficit: -1	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Diagnostic Radiology		328,599	8	2.4	337,454	12
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	8.1	27	Deficit: -19	27	Deficit: -15	
Two Mature HMO						
Adjusted FTE						
GMENAC						
Kaiser Portland						
7 Kaiser Plans						
GMH Seattle						
Three HMOs						
Average Requirement						
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Emergency Medicine		328,599	40	12.2	337,454	59
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	9.5	31	Surplus: 9	32	Surplus: 27	
Two Mature HMO	5.5	18	Surplus: 22	19	Surplus: 40	
Adjusted FTE	5.2	17	Surplus: 23	18	Surplus: 41	
GMENAC	5.4	18	Surplus: 22	18	Surplus: 41	
Kaiser Portland	6.7	22	Surplus: 18	23	Surplus: 36	
7 Kaiser Plans	5.3	17	Surplus: 23	18	Surplus: 41	
GMH Seattle						
Three HMOs						
Average Requirement	5.6	18	Surplus: 22	19	Surplus: 40	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Family Practice		328,599	104	31.6	337,454	142
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	31.3	103	Surplus: 1	106	Surplus: 36	
Two Mature HMO	45.6	150	Deficit: -46	154	Deficit: -12	
Adjusted FTE	42.6	140	Deficit: -36	144	Deficit: -2	
GMENAC	25.2	83	Surplus: 21	85	Surplus: 57	
Kaiser Portland	16.7	55	Surplus: 49	56	Surplus: 86	
7 Kaiser Plans	11.0	36	Surplus: 68	37	Surplus: 105	
GMH Seattle						
Three HMOs	9.2	30	Surplus: 74	31	Surplus: 111	
Average Requirement	25.1	82	Surplus: 22	85	Surplus: 57	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Gastroenterology		328,599	3	0.9	337,454	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	4.0	13	Deficit: -10	13	Deficit: -8	
Two Mature HMO						
Adjusted FTE						
GMENAC						
Kaiser Portland						
7 Kaiser Plans						
GMH Seattle						
Three HMOs						
Average Requirement						
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Hematology/Oncology		328,599	4	1.2	337,454	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.1	10	Deficit: -6	10	Deficit: -3	
Two Mature HMO	2.5	8	Deficit: -4	8	Deficit: -1	
Adjusted FTE	2.4	8	Deficit: -4	8	Deficit: -1	
GMENAC	3.6	12	Deficit: -8	12	Deficit: -5	
Kaiser Portland	2.3	8	Deficit: -4	8	Deficit: -1	
7 Kaiser Plans	1.8	6	Deficit: -2	6	Surplus: 1	
GMH Seattle	1.6	5	Deficit: -1	5	Surplus: 2	
Three HMOs	2.6	9	Deficit: -5	9	Deficit: -2	
Average Requirement	2.4	8	Deficit: -4	8	Deficit: -1	

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Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Internal Medicine		328,599	77	23.4	337,454	118
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	51.4	169	Deficit: -92	173	Deficit: -55	
Two Mature HMO	21.4	70	Surplus: 7	72	Surplus: 46	
Adjusted FTE	20.0	66	Surplus: 11	67	Surplus: 51	
GMENAC	28.8	95	Deficit: -18	97	Surplus: 21	
Kaiser Portland	28.1	92	Deficit: -15	95	Surplus: 23	
7 Kaiser Plans	30.3	100	Deficit: -23	102	Surplus: 16	
GMH Seattle						
Three HMOs	16.7	55	Surplus: 22	56	Surplus: 62	
Average Requirement	24.2	80	Deficit: -3	82	Surplus: 36	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Nephrology		328,599	3	0.9	337,454	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.3	8	Deficit: -5	8	Deficit: -3	
Two Mature HMO	1.4	5	Deficit: -2	5	Adequate 0	
Adjusted FTE	1.3	4	Deficit: -1	4	Surplus: 1	
GMENAC	1.1	4	Deficit: -1	4	Surplus: 1	
Kaiser Portland	0.8	3	Adequate 0	3	Surplus: 2	
7 Kaiser Plans	0.7	2	Surplus: 1	2	Surplus: 3	
GMH Seattle	0.9	3	Adequate 0	3	Surplus: 2	
Three HMOs						
Average Requirement	1.0	3	Adequate 0	3	Surplus: 2	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Neurological Surgery		328,599	1	0.3	337,454	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	1.8	6	Deficit: -5	6	Deficit: -4	
Two Mature HMO	1.1	4	Deficit: -3	4	Deficit: -2	
Adjusted FTE	1.0	3	Deficit: -2	3	Deficit: -1	
GMENAC	1.1	4	Deficit: -3	4	Deficit: -2	
Kaiser Portland	1.4	5	Deficit: -4	5	Deficit: -3	
7 Kaiser Plans						
GMH Seattle	0.4	1	Adequate 0	1	Surplus: 1	
Three HMOs						
Average Requirement	1.0	3	Deficit: -2	3	Deficit: -1	

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Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Neurology		328,599	4	1.2	337,454	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	4.7	15	Deficit: -11	16	Deficit: -11	
Two Mature HMO	2.4	8	Deficit: -4	8	Deficit: -3	
Adjusted FTE	2.3	8	Deficit: -4	8	Deficit: -3	
GMENAC	3.3	11	Deficit: -7	11	Deficit: -6	
Kaiser Portland	1.3	4	Adequate 0	4	Surplus: 1	
7 Kaiser Plans	1.7	6	Deficit: -2	6	Deficit: -1	
GMH Seattle	1.2	4	Adequate 0	4	Surplus: 1	
Three HMOs						
Average Requirement	2.0	7	Deficit: -3	7	Deficit: -2	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
OB/GYN		328,599	40	12.2	337,454	55
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	14.3	47	Deficit: -7	48	Surplus: 7	
Two Mature HMO	12.1	40	Adequate 0	41	Surplus: 14	
Adjusted FTE	11.3	37	Surplus: 3	38	Surplus: 17	
GMENAC	9.9	33	Surplus: 7	33	Surplus: 22	
Kaiser Portland	11.6	38	Surplus: 2	39	Surplus: 16	
7 Kaiser Plans	11.1	36	Surplus: 4	37	Surplus: 18	
GMH Seattle	10.0	33	Surplus: 7	34	Surplus: 21	
Three HMOs	8.8	29	Surplus: 11	30	Surplus: 25	
Average Requirement	10.7	35	Surplus: 5	36	Surplus: 19	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Ophthalmology		328,599	9	2.7	337,454	13
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	6.4	21	Deficit: -12	22	Deficit: -9	
Two Mature HMO	5.9	19	Deficit: -10	20	Deficit: -7	
Adjusted FTE	5.5	18	Deficit: -9	19	Deficit: -6	
GMENAC	4.6	15	Deficit: -6	16	Deficit: -3	
Kaiser Portland	2.4	8	Surplus: 1	8	Surplus: 5	
7 Kaiser Plans	3.1	10	Deficit: -1	10	Surplus: 3	
GMH Seattle	5.0	16	Deficit: -7	17	Deficit: -4	
Three HMOs						
Average Requirement	4.4	14	Deficit: -5	15	Deficit: -2	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Orthopedic Surgery		328,599	17	5.2	337,454	26
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	8.1	27	Deficit: -10		27	Deficit: -1
Two Mature HMO	6.8	22	Deficit: -5		23	Surplus: 3
Adjusted FTE	6.4	21	Deficit: -4		22	Surplus: 4
GMENAC	6.0	20	Deficit: -3		20	Surplus: 6
Kaiser Portland	5.9	19	Deficit: -2		20	Surplus: 6
7 Kaiser Plans	4.2	14	Surplus: 3		14	Surplus: 12
GMH Seattle	6.7	22	Deficit: -5		23	Surplus: 3
Three HMOs	3.0	10	Surplus: 7		10	Surplus: 16
Average Requirement	5.6	18	Deficit: -1		19	Surplus: 7
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Otolaryngology		328,599	7	2.1	337,454	9
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	3.4	11	Deficit: -4		11	Deficit: -2
Two Mature HMO	3.2	11	Deficit: -4		11	Deficit: -2
Adjusted FTE						
GMENAC	3.2	11	Deficit: -4		11	Deficit: -2
Kaiser Portland	3.4	11	Deficit: -4		11	Deficit: -2
7 Kaiser Plans	2.4	8	Deficit: -1		8	Surplus: 1
GMH Seattle	3.0	10	Deficit: -3		10	Deficit: -1
Three HMOs						
Average Requirement	3.0	10	Deficit: -3		10	Deficit: -1
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pathology		328,599	10	3.0	337,454	15
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	6.3	21	Deficit: -11		21	Deficit: -6
Two Mature HMO	1.9	6	Surplus: 4		6	Surplus: 9
Adjusted FTE	1.8	6	Surplus: 4		6	Surplus: 9
GMENAC	6.4	21	Deficit: -11		22	Deficit: -7
Kaiser Portland	3.3	11	Deficit: -1		11	Surplus: 4
7 Kaiser Plans	1.8	6	Surplus: 4		6	Surplus: 9
GMH Seattle						
Three HMOs						
Average Requirement	3.0	10	Adequate 0		10	Surplus: 5

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pediatrics		328,599	30	9.1	337,454	41
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	23.9	79	Deficit: -49	81	Deficit: -40	
Two Mature HMO	16.6	55	Deficit: -25	56	Deficit: -15	
Adjusted FTE	15.5	51	Deficit: -21	52	Deficit: -11	
GMENAC	12.4	41	Deficit: -11	42	Deficit: -1	
Kaiser Portland	11.9	39	Deficit: -9	40	Surplus: 1	
7 Kaiser Plans	16.1	53	Deficit: -23	54	Deficit: -13	
GMH Seattle						
Three HMOs	9.8	32	Deficit: -2	33	Surplus: 8	
Average Requirement	13.7	45	Deficit: -15	46	Deficit: -5	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Plastic Surgery		328,599	3	0.9	337,454	4
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.3	8	Deficit: -5	8	Deficit: -4	
Two Mature HMO						
Adjusted FTE						
GMENAC	1.1	4	Deficit: -1	4	Adequate 0	
Kaiser Portland	0.3	1	Surplus: 2	1	Surplus: 3	
7 Kaiser Plans						
GMH Seattle	0.4	1	Surplus: 2	1	Surplus: 3	
Three HMOs						
Average Requirement	0.6	2	Surplus: 1	2	Surplus: 2	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Psychiatry		328,599	16	4.9	337,454	25
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.7	45	Deficit: -29	46	Deficit: -21	
Two Mature HMO	7.7	25	Deficit: -9	26	Deficit: -1	
Adjusted FTE	7.2	24	Deficit: -8	24	Surplus: 1	
GMENAC	15.4	51	Deficit: -35	52	Deficit: -27	
Kaiser Portland	5.2	17	Deficit: -1	18	Surplus: 7	
7 Kaiser Plans	4.1	13	Surplus: 3	14	Surplus: 11	
GMH Seattle						
Three HMOs						
Average Requirement	7.1	23	Deficit: -7	24	Surplus: 1	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pulmonary Diseases		328,599	6	1.8	337,454	9
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.3	11	Deficit: -5	11	Deficit: -2	
Two Mature HMO	2.0	7	Deficit: -1	7	Surplus: 2	
Adjusted FTE	1.9	6	Adequate 0	6	Surplus: 3	
GMENAC	1.4	5	Surplus: 1	5	Surplus: 4	
Kaiser Portland	1.4	5	Surplus: 1	5	Surplus: 4	
7 Kaiser Plans	1.0	3	Surplus: 3	3	Surplus: 6	
GMH Seattle	1.4	5	Surplus: 1	5	Surplus: 4	
Three HMOs						
Average Requirement	1.5	5	Surplus: 1	5	Surplus: 4	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Radiology		328,599	11	3.3	337,454	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.0	10	Surplus: 1	10	Surplus: 1	
Two Mature HMO	13.6	45	Deficit: -34	46	Deficit: -35	
Adjusted FTE	13.7	45	Deficit: -34	46	Deficit: -35	
GMENAC	7.7	25	Deficit: -14	26	Deficit: -15	
Kaiser Portland	8.5	28	Deficit: -17	29	Deficit: -18	
7 Kaiser Plans	4.7	15	Deficit: -4	16	Deficit: -5	
GMH Seattle	7.7	25	Deficit: -14	26	Deficit: -15	
Three HMOs						
Average Requirement	9.3	31	Deficit: -20	31	Deficit: -20	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
General Surgery		328,599	20	6.1	337,454	29
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	12.8	42	Deficit: -22	43	Deficit: -14	
Two Mature HMO	9.4	31	Deficit: -11	32	Deficit: -3	
Adjusted FTE	8.8	29	Deficit: -9	30	Deficit: -1	
GMENAC	9.7	32	Deficit: -12	33	Deficit: -4	
Kaiser Portland	7.0	23	Deficit: -3	24	Surplus: 5	
7 Kaiser Plans	6.2	20	Adequate 0	21	Surplus: 8	
GMH Seattle	5.9	19	Surplus: 1	20	Surplus: 9	
Three HMOs	4.2	14	Surplus: 6	14	Surplus: 15	
Average Requirement	7.3	24	Deficit: -4	25	Surplus: 4	

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Physician Specialty	2004 Actual			2010 Projected	
	Pop.	Phys.	/100k	Pop.	Physicians
Urology	328,599	8	2.4	337,454	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status
AMA	3.6	12	Deficit: -4	12	Deficit: -1
Two Mature HMO	3.5	12	Deficit: -4	12	Deficit: -1
Adjusted FTE	3.3	11	Deficit: -3	11	Adequate 0
GMENAC	3.1	10	Deficit: -2	10	Surplus: 1
Kaiser Portland	3.3	11	Deficit: -3	11	Adequate 0
7 Kaiser Plans	2.3	8	Adequate 0	8	Surplus: 3
GMH Seattle	2.9	10	Deficit: -2	10	Surplus: 1
Three HMOs					
Average Requirement	3.1	10	Deficit: -2	10	Surplus: 1

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 U.S., 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 314:217-22
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