

Bartow County Physician Standard Report

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Allergy & Immunology			84,730	1	1.2	104,071	1	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
1	AMA	1.4	1	Adequate	0	1	Adequate	0
	Two Mature HMO	1.5	1	Adequate	0	2	Deficit:	-1
	Adjusted FTE	1.4	1	Adequate	0	1	Adequate	0
	GMENAC	0.8	1	Adequate	0	1	Adequate	0
	Kaiser Portland	1.7	1	Adequate	0	2	Deficit:	-1
	7 Kaiser Plans	1.2	1	Adequate	0	1	Adequate	0
	GMH Seattle	1.1	1	Adequate	0	1	Adequate	0
	Three HMOs							
	Average Requirement	1.3	1	Adequate	0	1	Adequate	0

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Anesthesiology			84,730	2	2.4	104,071	3	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
11	AMA	13.2	11	Deficit:	-9	14	Deficit:	-11
	Two Mature HMO	9.7	8	Deficit:	-6	10	Deficit:	-7
	Adjusted FTE	9.1	8	Deficit:	-6	9	Deficit:	-6
	GMENAC	8.9	8	Deficit:	-6	9	Deficit:	-6
	Kaiser Portland	5.9	5	Deficit:	-3	6	Deficit:	-3
	7 Kaiser Plans	3.9	3	Deficit:	-1	4	Deficit:	-1
	GMH Seattle	9.0	8	Deficit:	-6	9	Deficit:	-6
	Three HMOs							
	Average Requirement	7.8	7	Deficit:	-5	8	Deficit:	-5

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Cardiovascular Diseases			84,730	2	2.4	104,071	3	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
6	AMA	7.5	6	Deficit:	-4	8	Deficit:	-5
	Two Mature HMO	5.4	5	Deficit:	-3	6	Deficit:	-3
	Adjusted FTE	5.0	4	Deficit:	-2	5	Deficit:	-2
	GMENAC	3.1	3	Deficit:	-1	3	Adequate	0
	Kaiser Portland	3.0	3	Deficit:	-1	3	Adequate	0
	7 Kaiser Plans	1.8	2	Adequate	0	2	Surplus:	1
	GMH Seattle	2.9	2	Adequate	0	3	Adequate	0
	Three HMOs							
	Average Requirement	3.5	3	Deficit:	-1	4	Deficit:	-1

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				2004 Actual			2010 Projected		
Physician Specialty				Pop.	Phys.	/100k	Pop.	Physicians	
Dermatology				84,730	2	2.4	104,071	4	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status		
3	AMA	3.6	3	Deficit: -1		4	Adequate 0		
	Two Mature HMO	2.8	2	Adequate 0		3	Surplus: 1		
	Adjusted FTE	2.6	2	Adequate 0		3	Surplus: 1		
	GMENAC	2.8	2	Adequate 0		3	Surplus: 1		
	Kaiser Portland	2.5	2	Adequate 0		3	Surplus: 1		
	7 Kaiser Plans	2.4	2	Adequate 0		2	Surplus: 2		
	GMH Seattle	2.6	2	Adequate 0		3	Surplus: 1		
	Three HMOs	1.6	1	Surplus: 1		2	Surplus: 2		
	Average Requirement	2.5	2	Adequate 0		3	Surplus: 1		

				2004 Actual			2010 Projected		
Physician Specialty				Pop.	Phys.	/100k	Pop.	Physicians	
Diagnostic Radiology				84,730	2	2.4	104,071	2	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status		
7	AMA	8.1	7	Deficit: -5		8	Deficit: -6		
	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				84,730	6	7.1	104,071	10	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status		
8	AMA	9.5	8	Deficit: -2		10	Adequate 0		
	Two Mature HMO	5.5	5	Surplus: 1		6	Surplus: 4		
	Adjusted FTE	5.2	4	Surplus: 2		5	Surplus: 5		
	GMENAC	5.4	5	Surplus: 1		6	Surplus: 4		
	Kaiser Portland	6.7	6	Adequate 0		7	Surplus: 3		
	7 Kaiser Plans	5.3	4	Surplus: 2		6	Surplus: 4		
	GMH Seattle								
	Three HMOs								
	Average Requirement	5.6	5	Surplus: 1		6	Surplus: 4		

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			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Family Practice			84,730	25	29.5	104,071	36	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
27	AMA	31.3	27	Deficit: -2		33	Surplus: 3	
	Two Mature HMO	45.6	39	Deficit: -14		47	Deficit: -11	
	Adjusted FTE	42.6	36	Deficit: -11		44	Deficit: -8	
	GMENAC	25.2	21	Surplus: 4		26	Surplus: 10	
	Kaiser Portland	16.7	14	Surplus: 11		17	Surplus: 19	
	7 Kaiser Plans	11.0	9	Surplus: 16		11	Surplus: 25	
	GMH Seattle							
	Three HMOs	9.2	8	Surplus: 17		10	Surplus: 26	
	Average Requirement	25.1	21	Surplus: 4		26	Surplus: 10	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Gastroenterology			84,730	1	1.2	104,071	2	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
3	AMA	4.0	3	Deficit: -2		4	Deficit: -2	
	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			84,730	1	1.2	104,071	2	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
3	AMA	3.1	3	Deficit: -2		3	Deficit: -1	
	Two Mature HMO	2.5	2	Deficit: -1		3	Deficit: -1	
	Adjusted FTE	2.4	2	Deficit: -1		2	Adequate 0	
	GMENAC	3.6	3	Deficit: -2		4	Deficit: -2	
	Kaiser Portland	2.3	2	Deficit: -1		2	Adequate 0	
	7 Kaiser Plans	1.8	2	Deficit: -1		2	Adequate 0	
	GMH Seattle	1.6	1	Adequate 0		2	Adequate 0	
	Three HMOs	2.6	2	Deficit: -1		3	Deficit: -1	
	Average Requirement	2.4	2	Deficit: -1		2	Adequate 0	

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			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Internal Medicine			84,730	11	13.0	104,071	19	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
44	AMA	51.4	44	Deficit: -33		53	Deficit: -34	
	Two Mature HMO	21.4	18	Deficit: -7		22	Deficit: -3	
	Adjusted FTE	20.0	17	Deficit: -6		21	Deficit: -2	
	GMENAC	28.8	24	Deficit: -13		30	Deficit: -11	
	Kaiser Portland	28.1	24	Deficit: -13		29	Deficit: -10	
	7 Kaiser Plans	30.3	26	Deficit: -15		32	Deficit: -13	
	GMH Seattle							
	Three HMOs	16.7	14	Deficit: -3		17	Surplus: 2	
	Average Requirement	24.2	21	Deficit: -10		25	Deficit: -6	
			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Neurology			84,730	1	1.2	104,071	1	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
4	AMA	4.7	4	Deficit: -3		5	Deficit: -4	
	Two Mature HMO	2.4	2	Deficit: -1		2	Deficit: -1	
	Adjusted FTE	2.3	2	Deficit: -1		2	Deficit: -1	
	GMENAC	3.3	3	Deficit: -2		3	Deficit: -2	
	Kaiser Portland	1.3	1	Adequate 0		1	Adequate 0	
	7 Kaiser Plans	1.7	1	Adequate 0		2	Deficit: -1	
	GMH Seattle	1.2	1	Adequate 0		1	Adequate 0	
	Three HMOs							
	Average Requirement	2.0	2	Deficit: -1		2	Deficit: -1	
			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
OB/GYN			84,730	5	5.9	104,071	5	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
12	AMA	14.3	12	Deficit: -7		15	Deficit: -10	
	Two Mature HMO	12.1	10	Deficit: -5		13	Deficit: -8	
	Adjusted FTE	11.3	10	Deficit: -5		12	Deficit: -7	
	GMENAC	9.9	8	Deficit: -3		10	Deficit: -5	
	Kaiser Portland	11.6	10	Deficit: -5		12	Deficit: -7	
	7 Kaiser Plans	11.1	9	Deficit: -4		12	Deficit: -7	
	GMH Seattle	10.0	8	Deficit: -3		10	Deficit: -5	
	Three HMOs	8.8	7	Deficit: -2		9	Deficit: -4	
	Average Requirement	10.7	9	Deficit: -4		11	Deficit: -6	

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			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Ophthalmology			84,730	3	3.5	104,071	4	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
5	AMA	6.4	5	Deficit: -2		7	Deficit: -3	
	Two Mature HMO	5.9	5	Deficit: -2		6	Deficit: -2	
	Adjusted FTE	5.5	5	Deficit: -2		6	Deficit: -2	
	GMENAC	4.6	4	Deficit: -1		5	Deficit: -1	
	Kaiser Portland	2.4	2	Surplus: 1		2	Surplus: 2	
	7 Kaiser Plans	3.1	3	Adequate 0		3	Surplus: 1	
	GMH Seattle	5.0	4	Deficit: -1		5	Deficit: -1	
	Three HMOs							
	Average Requirement	4.4	4	Deficit: -1		5	Deficit: -1	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Orthopedic Surgery			84,730	5	5.9	104,071	7	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
7	AMA	8.1	7	Deficit: -2		8	Deficit: -1	
	Two Mature HMO	6.8	6	Deficit: -1		7	Adequate 0	
	Adjusted FTE	6.4	5	Adequate 0		7	Adequate 0	
	GMENAC	6.0	5	Adequate 0		6	Surplus: 1	
	Kaiser Portland	5.9	5	Adequate 0		6	Surplus: 1	
	7 Kaiser Plans	4.2	4	Surplus: 1		4	Surplus: 3	
	GMH Seattle	6.7	6	Deficit: -1		7	Adequate 0	
	Three HMOs	3.0	3	Surplus: 2		3	Surplus: 4	
	Average Requirement	5.6	5	Adequate 0		6	Surplus: 1	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Otolaryngology			84,730	3	3.5	104,071	4	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
3	AMA	3.4	3	Adequate 0		4	Adequate 0	
	Two Mature HMO	3.2	3	Adequate 0		3	Surplus: 1	
	Adjusted FTE							
	GMENAC	3.2	3	Adequate 0		3	Surplus: 1	
	Kaiser Portland	3.4	3	Adequate 0		4	Adequate 0	
	7 Kaiser Plans	2.4	2	Surplus: 1		2	Surplus: 2	
	GMH Seattle	3.0	3	Adequate 0		3	Surplus: 1	
	Three HMOs							
	Average Requirement	3.0	3	Adequate 0		3	Surplus: 1	

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			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Pathology			84,730	2	2.4	104,071	3	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
5	AMA	6.3	5	Deficit: -3		7	Deficit: -4	
	Two Mature HMO	1.9	2	Adequate 0		2	Surplus: 1	
	Adjusted FTE	1.8	2	Adequate 0		2	Surplus: 1	
	GMENAC	6.4	5	Deficit: -3		7	Deficit: -4	
	Kaiser Portland	3.3	3	Deficit: -1		3	Adequate 0	
	7 Kaiser Plans	1.8	2	Adequate 0		2	Surplus: 1	
	GMH Seattle							
	Three HMOs							
	Average Requirement	3.0	3	Deficit: -1		3	Adequate 0	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Pediatrics			84,730	8	9.4	104,071	13	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
20	AMA	23.9	20	Deficit: -12		25	Deficit: -12	
	Two Mature HMO	16.6	14	Deficit: -6		17	Deficit: -4	
	Adjusted FTE	15.5	13	Deficit: -5		16	Deficit: -3	
	GMENAC	12.4	11	Deficit: -3		13	Adequate 0	
	Kaiser Portland	11.9	10	Deficit: -2		12	Surplus: 1	
	7 Kaiser Plans	16.1	14	Deficit: -6		17	Deficit: -4	
	GMH Seattle							
	Three HMOs	9.8	8	Adequate 0		10	Surplus: 3	
	Average Requirement	13.7	12	Deficit: -4		14	Deficit: -1	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Psychiatry			84,730	2	2.4	104,071	2	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
12	AMA	13.7	12	Deficit: -10		14	Deficit: -12	
	Two Mature HMO	7.7	7	Deficit: -5		8	Deficit: -6	
	Adjusted FTE	7.2	6	Deficit: -4		7	Deficit: -5	
	GMENAC	15.4	13	Deficit: -11		16	Deficit: -14	
	Kaiser Portland	5.2	4	Deficit: -2		5	Deficit: -3	
	7 Kaiser Plans	4.1	3	Deficit: -1		4	Deficit: -2	
	GMH Seattle							
	Three HMOs							
	Average Requirement	7.1	6	Deficit: -4		7	Deficit: -5	

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			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Radiology			84,730	3	3.5	104,071	5	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
3	AMA	3.0	3	Adequate	0	3	Surplus: 2	
	Two Mature HMO	13.6	12	Deficit:	-9	14	Deficit: -9	
	Adjusted FTE	13.7	12	Deficit:	-9	14	Deficit: -9	
	GMENAC	7.7	7	Deficit:	-4	8	Deficit: -3	
	Kaiser Portland	8.5	7	Deficit:	-4	9	Deficit: -4	
	7 Kaiser Plans	4.7	4	Deficit:	-1	5	Adequate 0	
	GMH Seattle	7.7	7	Deficit:	-4	8	Deficit: -3	
	Three HMOs							
	Average Requirement	9.3	8	Deficit:	-5	10	Deficit: -5	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
General Surgery			84,730	5	5.9	104,071	7	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
11	AMA	12.8	11	Deficit:	-6	13	Deficit: -6	
	Two Mature HMO	9.4	8	Deficit:	-3	10	Deficit: -3	
	Adjusted FTE	8.8	7	Deficit:	-2	9	Deficit: -2	
	GMENAC	9.7	8	Deficit:	-3	10	Deficit: -3	
	Kaiser Portland	7.0	6	Deficit:	-1	7	Adequate 0	
	7 Kaiser Plans	6.2	5	Adequate	0	6	Surplus: 1	
	GMH Seattle	5.9	5	Adequate	0	6	Surplus: 1	
	Three HMOs	4.2	4	Surplus:	1	4	Surplus: 3	
	Average Requirement	7.3	6	Deficit:	-1	8	Deficit: -1	

			2004 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Urology			84,730	2	2.4	104,071	3	
	National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
3	AMA	3.6	3	Deficit:	-1	4	Deficit: -1	
	Two Mature HMO	3.5	3	Deficit:	-1	4	Deficit: -1	
	Adjusted FTE	3.3	3	Deficit:	-1	3	Adequate 0	
	GMENAC	3.1	3	Deficit:	-1	3	Adequate 0	
	Kaiser Portland	3.3	3	Deficit:	-1	3	Adequate 0	
	7 Kaiser Plans	2.3	2	Adequate	0	2	Surplus: 1	
	GMH Seattle	2.9	2	Adequate	0	3	Adequate 0	
	Three HMOs							
	Average Requirement	3.1	3	Deficit:	-1	3	Adequate 0	

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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 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. Rosenblat. 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
- (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) Vanslow, 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) American Medical Association. 2006 Physician characteristics and Distribution in the U.S., Dept. of Physician Practice and Communications Information, Division of Survey and Data Resources. 2005-2006.