

20 PCSA Physician Standard Report

Included Counties: Douglas

		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Anesthesiology		112,465	3	2.7	119,235	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.8	16	Deficit: -13	16	Deficit: -11	
Two Mature HMO	9.7	11	Deficit: -8	12	Deficit: -7	
Adjusted FTE	9.1	10	Deficit: -7	11	Deficit: -6	
GMENAC	8.9	10	Deficit: -7	11	Deficit: -6	
Kaiser Portland	5.9	7	Deficit: -4	7	Deficit: -2	
7 Kaiser Plans	3.9	4	Deficit: -1	5	Adequate 0	
GMH Seattle	9.0	10	Deficit: -7	11	Deficit: -6	
Three HMOs						
Average Requirement	7.8	9	Deficit: -6	9	Deficit: -4	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Cardiovascular Diseases		112,465	4	3.6	119,235	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	7.5	8	Deficit: -4	9	Deficit: -2	
Two Mature HMO	5.4	6	Deficit: -2	6	Surplus: 1	
Adjusted FTE	5.0	6	Deficit: -2	6	Surplus: 1	
GMENAC	3.1	3	Surplus: 1	4	Surplus: 3	
Kaiser Portland	3.0	3	Surplus: 1	4	Surplus: 3	
7 Kaiser Plans	1.8	2	Surplus: 2	2	Surplus: 5	
GMH Seattle	2.9	3	Surplus: 1	3	Surplus: 4	
Three HMOs						
Average Requirement	3.5	4	Adequate 0	4	Surplus: 3	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Dermatology		112,465	1	0.9	119,235	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.6	4	Deficit: -3	4	Deficit: -2	
Two Mature HMO	2.8	3	Deficit: -2	3	Deficit: -1	
Adjusted FTE	2.6	3	Deficit: -2	3	Deficit: -1	
GMENAC	2.8	3	Deficit: -2	3	Deficit: -1	
Kaiser Portland	2.5	3	Deficit: -2	3	Deficit: -1	
7 Kaiser Plans	2.4	3	Deficit: -2	3	Deficit: -1	
GMH Seattle	2.6	3	Deficit: -2	3	Deficit: -1	
Three HMOs	1.6	2	Deficit: -1	2	Adequate 0	
Average Requirement	2.5	3	Deficit: -2	3	Deficit: -1	

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		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Emergency Medicine		112,465	6	5.3	119,235	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	10.0	11	Deficit: -5		12	Deficit: -1
Two Mature HMO	5.5	6	Adequate 0		7	Surplus: 4
Adjusted FTE	5.2	6	Adequate 0		6	Surplus: 5
GMENAC	5.4	6	Adequate 0		6	Surplus: 5
Kaiser Portland	6.7	8	Deficit: -2		8	Surplus: 3
7 Kaiser Plans	5.3	6	Adequate 0		6	Surplus: 5
GMH Seattle						
Three HMOs						
Average Requirement	5.6	6	Adequate 0		7	Surplus: 4
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Family Practice		112,465	17	15.1	119,235	31
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	27.7	31	Deficit: -14		33	Deficit: -2
Two Mature HMO	45.6	51	Deficit: -34		54	Deficit: -23
Adjusted FTE	42.6	48	Deficit: -31		51	Deficit: -20
GMENAC	25.2	28	Deficit: -11		30	Surplus: 1
Kaiser Portland	16.7	19	Deficit: -2		20	Surplus: 11
7 Kaiser Plans	11.0	12	Surplus: 5		13	Surplus: 18
GMH Seattle						
Three HMOs	9.2	10	Surplus: 7		11	Surplus: 20
Average Requirement	25.1	28	Deficit: -11		30	Surplus: 1
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Gastroenterology		112,465	2	1.8	119,235	4
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	4.1	5	Deficit: -3		5	Deficit: -1
Two Mature HMO						
Adjusted FTE						
GMENAC						
Kaiser Portland						
7 Kaiser Plans						
GMH Seattle						
Three HMOs						
Average Requirement						

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		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Internal Medicine		112,465	20	17.8	119,235	36
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	52.0	58	Deficit: -38	62	Deficit: -26	
Two Mature HMO	21.4	24	Deficit: -4	26	Surplus: 10	
Adjusted FTE	20.0	22	Deficit: -2	24	Surplus: 12	
GMENAC	28.8	32	Deficit: -12	34	Surplus: 2	
Kaiser Portland	28.1	32	Deficit: -12	34	Surplus: 2	
7 Kaiser Plans	30.3	34	Deficit: -14	36	Adequate 0	
GMH Seattle						
Three HMOs	16.7	19	Surplus: 1	20	Surplus: 16	
Average Requirement	24.2	27	Deficit: -7	29	Surplus: 7	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Nephrology		112,465	4	3.6	119,235	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.5	3	Surplus: 1	3	Surplus: 4	
Two Mature HMO	1.4	2	Surplus: 2	2	Surplus: 5	
Adjusted FTE	1.3	1	Surplus: 3	2	Surplus: 5	
GMENAC	1.1	1	Surplus: 3	1	Surplus: 6	
Kaiser Portland	0.8	1	Surplus: 3	1	Surplus: 6	
7 Kaiser Plans	0.7	1	Surplus: 3	1	Surplus: 6	
GMH Seattle	0.9	1	Surplus: 3	1	Surplus: 6	
Three HMOs						
Average Requirement	1.0	1	Surplus: 3	1	Surplus: 6	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Neurology		112,465	3	2.7	119,235	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	4.9	6	Deficit: -3	6	Deficit: -1	
Two Mature HMO	2.4	3	Adequate 0	3	Surplus: 2	
Adjusted FTE	2.3	3	Adequate 0	3	Surplus: 2	
GMENAC	3.3	4	Deficit: -1	4	Surplus: 1	
Kaiser Portland	1.3	1	Surplus: 2	2	Surplus: 3	
7 Kaiser Plans	1.7	2	Surplus: 1	2	Surplus: 3	
GMH Seattle	1.2	1	Surplus: 2	1	Surplus: 4	
Three HMOs						
Average Requirement	2.0	2	Surplus: 1	2	Surplus: 3	

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		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
OB/GYN		112,465	9	8.0	119,235	16
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	14.1	16	Deficit: -7	17	Deficit: -1	
Two Mature HMO	12.1	14	Deficit: -5	14	Surplus: 2	
Adjusted FTE	11.3	13	Deficit: -4	13	Surplus: 3	
GMENAC	9.9	11	Deficit: -2	12	Surplus: 4	
Kaiser Portland	11.6	13	Deficit: -4	14	Surplus: 2	
7 Kaiser Plans	11.1	12	Deficit: -3	13	Surplus: 3	
GMH Seattle	10.0	11	Deficit: -2	12	Surplus: 4	
Three HMOs	8.8	10	Deficit: -1	10	Surplus: 6	
Average Requirement	10.7	12	Deficit: -3	13	Surplus: 3	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Ophthalmology		112,465	4	3.6	119,235	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	6.0	7	Deficit: -3	7	Adequate 0	
Two Mature HMO	5.9	7	Deficit: -3	7	Adequate 0	
Adjusted FTE	5.5	6	Deficit: -2	7	Adequate 0	
GMENAC	4.6	5	Deficit: -1	5	Surplus: 2	
Kaiser Portland	2.4	3	Surplus: 1	3	Surplus: 4	
7 Kaiser Plans	3.1	3	Surplus: 1	4	Surplus: 3	
GMH Seattle	5.0	6	Deficit: -2	6	Surplus: 1	
Three HMOs						
Average Requirement	4.4	5	Deficit: -1	5	Surplus: 2	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Orthopedic Surgery		112,465	2	1.8	119,235	4
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	8.1	9	Deficit: -7	10	Deficit: -6	
Two Mature HMO	6.8	8	Deficit: -6	8	Deficit: -4	
Adjusted FTE	6.4	7	Deficit: -5	8	Deficit: -4	
GMENAC	6.0	7	Deficit: -5	7	Deficit: -3	
Kaiser Portland	5.9	7	Deficit: -5	7	Deficit: -3	
7 Kaiser Plans	4.2	5	Deficit: -3	5	Deficit: -1	
GMH Seattle	6.7	8	Deficit: -6	8	Deficit: -4	
Three HMOs	3.0	3	Deficit: -1	4	Adequate 0	
Average Requirement	5.6	6	Deficit: -4	7	Deficit: -3	

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		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Otolaryngology		112,465	4	3.6	119,235	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	3.3	4	Adequate	0	4	Surplus: 3
Two Mature HMO	3.2	4	Adequate	0	4	Surplus: 3
Adjusted FTE						
GMENAC	3.2	4	Adequate	0	4	Surplus: 3
Kaiser Portland	3.4	4	Adequate	0	4	Surplus: 3
7 Kaiser Plans	2.4	3	Surplus:	1	3	Surplus: 4
GMH Seattle	3.0	3	Surplus:	1	4	Surplus: 3
Three HMOs						
Average Requirement	3.0	3	Surplus:	1	4	Surplus: 3
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pediatrics		112,465	17	15.1	119,235	31
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	24.5	28	Deficit:	-11	29	Surplus: 2
Two Mature HMO	16.6	19	Deficit:	-2	20	Surplus: 11
Adjusted FTE	15.5	17	Adequate	0	18	Surplus: 13
GMENAC	12.4	14	Surplus:	3	15	Surplus: 16
Kaiser Portland	11.9	13	Surplus:	4	14	Surplus: 17
7 Kaiser Plans	16.1	18	Deficit:	-1	19	Surplus: 12
GMH Seattle						
Three HMOs	9.8	11	Surplus:	6	12	Surplus: 19
Average Requirement	13.7	15	Surplus:	2	16	Surplus: 15
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Psychiatry		112,465	6	5.3	119,235	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	13.8	16	Deficit:	-10	16	Deficit: -5
Two Mature HMO	7.7	9	Deficit:	-3	9	Surplus: 2
Adjusted FTE	7.2	8	Deficit:	-2	9	Surplus: 2
GMENAC	15.4	17	Deficit:	-11	18	Deficit: -7
Kaiser Portland	5.2	6	Adequate	0	6	Surplus: 5
7 Kaiser Plans	4.1	5	Surplus:	1	5	Surplus: 6
GMH Seattle						
Three HMOs						
Average Requirement	7.1	8	Deficit:	-2	8	Surplus: 3

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Included Counties: Douglas

			2006 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Pulmonary Diseases			112,465	1	0.9	119,235	2	
National Physician Standards	Standard Phys/100,000 Pop.		Phys. Need	Status		Phys. Need	Status	
AMA	3.4		4	Deficit: -3		4	Deficit: -2	
Two Mature HMO	2.0		2	Deficit: -1		2	Adequate	0
Adjusted FTE	1.9		2	Deficit: -1		2	Adequate	0
GMENAC	1.4		2	Deficit: -1		2	Adequate	0
Kaiser Portland	1.4		2	Deficit: -1		2	Adequate	0
7 Kaiser Plans	1.0		1	Adequate	0	1	Surplus:	1
GMH Seattle	1.4		2	Deficit: -1		2	Adequate	0
Three HMOs								
Average Requirement	1.5		2	Deficit: -1		2	Adequate	0
			2006 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
Radiology			112,465	2	1.8	119,235	4	
National Physician Standards	Standard Phys/100,000 Pop.		Phys. Need	Status		Phys. Need	Status	
AMA	11.2		13	Deficit: -11		13	Deficit: -9	
Two Mature HMO	13.6		15	Deficit: -13		16	Deficit: -12	
Adjusted FTE	13.7		15	Deficit: -13		16	Deficit: -12	
GMENAC	7.7		9	Deficit: -7		9	Deficit: -5	
Kaiser Portland	8.5		10	Deficit: -8		10	Deficit: -6	
7 Kaiser Plans	4.7		5	Deficit: -3		6	Deficit: -2	
GMH Seattle	7.7		9	Deficit: -7		9	Deficit: -5	
Three HMOs								
Average Requirement	9.3		10	Deficit: -8		11	Deficit: -7	
			2006 Actual			2010 Projected		
Physician Specialty			Pop.	Phys.	/100k	Pop.	Physicians	
General Surgery			112,465	5	4.4	119,235	9	
National Physician Standards	Standard Phys/100,000 Pop.		Phys. Need	Status		Phys. Need	Status	
AMA	12.5		14	Deficit: -9		15	Deficit: -6	
Two Mature HMO	9.4		11	Deficit: -6		11	Deficit: -2	
Adjusted FTE	8.8		10	Deficit: -5		10	Deficit: -1	
GMENAC	9.7		11	Deficit: -6		12	Deficit: -3	
Kaiser Portland	7.0		8	Deficit: -3		8	Surplus:	1
7 Kaiser Plans	6.2		7	Deficit: -2		7	Surplus:	2
GMH Seattle	5.9		7	Deficit: -2		7	Surplus:	2
Three HMOs	4.2		5	Adequate	0	5	Surplus:	4
Average Requirement	7.3		8	Deficit: -3		9	Adequate	0

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Physician Specialty	2006 Actual			2010 Projected	
	Pop.	Phys.	/100k	Pop.	Physicians
Urology	112,465	1	0.9	119,235	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status
AMA	3.5	4	Deficit: -3	4	Deficit: -2
Two Mature HMO	3.5	4	Deficit: -3	4	Deficit: -2
Adjusted FTE	3.3	4	Deficit: -3	4	Deficit: -2
GMENAC	3.1	3	Deficit: -2	4	Deficit: -2
Kaiser Portland	3.3	4	Deficit: -3	4	Deficit: -2
7 Kaiser Plans	2.3	3	Deficit: -2	3	Deficit: -1
GMH Seattle	2.9	3	Deficit: -2	3	Deficit: -1
Three HMOs					
Average Requirement	3.1	3	Deficit: -2	4	Deficit: -2

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) 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) 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.