

Effingham County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Anesthesiology		50,838	1	2.0	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	7	Deficit: -6	9	
Two Mature HMO	9.7	5	Deficit: -4	7	
Adjusted FTE	9.1	5	Deficit: -4	6	
GMENAC	8.9	5	Deficit: -4	6	
Kaiser Portland	5.9	3	Deficit: -2	3	
7 Kaiser Plans	3.9	2	Deficit: -1	3	
GHC Seattle	9.0	5	Deficit: -4	6	
Three HMOs					
Goodman	7.0	4	Deficit: -3	5	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	4	Deficit: -3	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		50,838	4	7.9	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	5	Deficit: -1	7	
Two Mature HMO	5.5	3	Surplus: 1	4	
Adjusted FTE	5.2	3	Surplus: 1	4	
GMENAC	5.4	3	Surplus: 1	4	
Kaiser Portland	6.7	3	Surplus: 1	4	
7 Kaiser Plans	5.3	3	Surplus: 1	4	
GHC Seattle					
Three HMOs					
Goodman	2.7	1	Surplus: 3	2	
Hicks & Glenn					
Solucient	12.4	6	Deficit: -2	8	
Average Requirement	6.2	3	Surplus: 1	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Family Practice		50,838	10	19.7	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	16	Deficit: -6	21	
Two Mature HMO	45.6	23	Deficit: -13	31	
Adjusted FTE	42.6	22	Deficit: -12	29	
GMENAC	25.2	13	Deficit: -3	17	
Kaiser Portland	16.7	8	Surplus: 2	7	
7 Kaiser Plans	11.0	6	Surplus: 4	7	
GHC Seattle					
Three HMOs	9.2	5	Surplus: 5	6	
Goodman					
Hicks & Glenn	16.2	8	Surplus: 2	11	
Solucient	22.5	11	Deficit: -1	15	
Average Requirement	23.6	12	Deficit: -2	16	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Internal Medicine		50,838	5	9.8	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	27	Deficit: -22	36	
Two Mature HMO	21.4	11	Deficit: -6	14	
Adjusted FTE	20.0	10	Deficit: -5	13	
GMENAC	28.8	15	Deficit: -10	19	
Kaiser Portland	28.1	14	Deficit: -9	20	
7 Kaiser Plans	30.3	15	Deficit: -10	20	
GHC Seattle					
Three HMOs	16.7	8	Deficit: -3	11	
Goodman					
Hicks & Glenn	11.3	6	Deficit: -1	8	
Solucient	19.0	10	Deficit: -5	13	
Average Requirement	22.0	11	Deficit: -6	15	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
OB/GYN	50,838	1	2.0	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.1	7	Deficit: -6	10
Two Mature HMO	12.1	6	Deficit: -5	8
Adjusted FTE	11.3	6	Deficit: -5	8
GMENAC	9.9	5	Deficit: -4	7
Kaiser Portland	11.6	6	Deficit: -5	8
7 Kaiser Plans	11.5	6	Deficit: -5	8
GHC Seattle	10.0	5	Deficit: -4	7
Three HMOs	8.8	4	Deficit: -3	6
Goodman	8.4	4	Deficit: -3	6
Hicks & Glenn	8.0	4	Deficit: -3	5
Solucient	10.2	5	Deficit: -4	7
Average Requirement	10.2	5	Deficit: -4	7

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Ophthalmology	50,838	1	2.0	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.0	3	Deficit: -2	4
Two Mature HMO	5.9	3	Deficit: -2	4
Adjusted FTE	5.5	3	Deficit: -2	4
GMENAC	4.6	2	Deficit: -1	3
Kaiser Portland	2.4	1	Adequate 0	2
7 Kaiser Plans	3.1	2	Deficit: -1	2
GHC Seattle	5.0	3	Deficit: -2	3
Three HMOs				
Goodman	3.5	2	Deficit: -1	2
Hicks & Glenn	3.2	2	Deficit: -1	2
Solucient	4.7	2	Deficit: -1	3
Average Requirement	4.2	2	Deficit: -1	3

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Psychiatry		50,838	2	3.9	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	7	Deficit: -5	9	
Two Mature HMO	7.7	4	Deficit: -2	5	
Adjusted FTE	7.2	4	Deficit: -2	5	
GMENAC	15.4	8	Deficit: -6	10	
Kaiser Portland	5.2	3	Deficit: -1	3	
7 Kaiser Plans	4.1	2	Adequate 0	3	
GHC Seattle					
Three HMOs					
Goodman	7.2	4	Deficit: -2	5	
Hicks & Glenn	3.9	2	Adequate 0	3	
Solucient	5.7	3	Deficit: -1	4	
Average Requirement	7.1	4	Deficit: -2	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pulmonary Diseases		50,838	1	2.0	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	2	Deficit: -1	2	
Two Mature HMO	2.0	1	Adequate 0	1	
Adjusted FTE	1.9	1	Adequate 0	1	
GMENAC	1.4	1	Adequate 0	1	
Kaiser Portland	1.4	1	Adequate 0	1	
7 Kaiser Plans	1.0	1	Adequate 0	1	
GHC Seattle	1.4	1	Adequate 0	1	
Three HMOs					
Goodman	1.4	1	Adequate 0	1	
Hicks & Glenn					
Solucient	1.3	1	Adequate 0	1	
Average Requirement	1.5	1	Adequate 0	1	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
General Surgery	50,838	2	3.9	67,492
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	12.5	6	Deficit: -4	8
Two Mature HMO	9.4	5	Deficit: -3	6
Adjusted FTE	8.8	4	Deficit: -2	6
GMENAC	9.7	5	Deficit: -3	7
Kaiser Portland	7.0	4	Deficit: -2	4
7 Kaiser Plans	6.2	3	Deficit: -1	4
GHC Seattle	5.9	3	Deficit: -1	4
Three HMOs	4.2	2	Adequate 0	3
Goodman	9.7	5	Deficit: -3	7
Hicks & Glenn	4.1	2	Adequate 0	3
Solucient	6.0	3	Deficit: -1	4
Average Requirement	7.1	4	Deficit: -2	5

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.