

85 PCSA Physician Standard Report

Included Counties: Berrien

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		16,638	1	6.0	15,229
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	2	Deficit: -1	2	
Two Mature HMO	5.5	1	Adequate 0	1	
Adjusted FTE	5.2	1	Adequate 0	1	
GMENAC	5.4	1	Adequate 0	1	
Kaiser Portland	6.7	1	Adequate 0	1	
7 Kaiser Plans	5.3	1	Adequate 0	1	
GHC Seattle					
Three HMOs					
Goodman	2.7	0	Surplus: 1	0	
Hicks & Glenn					
Solucient	12.4	2	Deficit: -1	2	
Average Requirement	6.2	1	Adequate 0	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		16,638	6	36.1	15,229
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	5	Surplus: 1	5	
Two Mature HMO	45.6	8	Deficit: -2	7	
Adjusted FTE	42.6	7	Deficit: -1	6	
GMENAC	25.2	4	Surplus: 2	4	
Kaiser Portland	16.7	3	Surplus: 3	3	
7 Kaiser Plans	11.0	2	Surplus: 4	2	
GHC Seattle					
Three HMOs	9.2	2	Surplus: 4	1	
Goodman					
Hicks & Glenn	16.2	3	Surplus: 3	2	
Solucient	22.5	4	Surplus: 2	3	
Average Requirement	23.6	4	Surplus: 2	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Internal Medicine		16,638	1	6.0	15,229
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	9	Deficit: -8	8	
Two Mature HMO	21.4	4	Deficit: -3	3	
Adjusted FTE	20.0	3	Deficit: -2	3	
GMENAC	28.8	5	Deficit: -4	4	
Kaiser Portland	28.1	5	Deficit: -4	4	
7 Kaiser Plans	30.3	5	Deficit: -4	5	
GHC Seattle					
Three HMOs	16.7	3	Deficit: -2	3	
Goodman					
Hicks & Glenn	11.3	2	Deficit: -1	2	
Solucient	19.0	3	Deficit: -2	3	
Average Requirement	22.0	4	Deficit: -3	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Orthopedic Surgery		16,638	1	6.0	15,229
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	1	Adequate 0	1	
Two Mature HMO	6.8	1	Adequate 0	1	
Adjusted FTE	6.4	1	Adequate 0	1	
GMENAC	6.0	1	Adequate 0	1	
Kaiser Portland	5.9	1	Adequate 0	1	
7 Kaiser Plans	4.2	1	Adequate 0	1	
GHC Seattle	6.7	1	Adequate 0	1	
Three HMOs	3.0	0	Surplus: 1	0	
Goodman	5.9	1	Adequate 0	1	
Hicks & Glenn	4.2	1	Adequate 0	1	
Solucient	6.1	1	Adequate 0	1	
Average Requirement	5.5	1	Adequate 0	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Psychiatry		16,638	1	6.0	15,229
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	13.6	2	Deficit: -1		2
Two Mature HMO	7.7	1	Adequate 0		1
Adjusted FTE	7.2	1	Adequate 0		1
GMENAC	15.4	3	Deficit: -2		2
Kaiser Portland	5.2	1	Adequate 0		1
7 Kaiser Plans	4.1	1	Adequate 0		1
GHC Seattle					
Three HMOs					
Goodman	7.2	1	Adequate 0		1
Hicks & Glenn	3.9	1	Adequate 0		1
Solucient	5.7	1	Adequate 0		1
Average Requirement	7.1	1	Adequate 0		1

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Radiology		16,638	1	6.0	15,229
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	11.4	2	Deficit: -1		2
Two Mature HMO	13.6	2	Deficit: -1		2
Adjusted FTE	13.7	2	Deficit: -1		2
GMENAC	7.7	1	Adequate 0		1
Kaiser Portland	8.5	1	Adequate 0		1
7 Kaiser Plans	4.7	1	Adequate 0		1
GHC Seattle	7.7	1	Adequate 0		1
Three HMOs					
Goodman	8.0	1	Adequate 0		1
Hicks & Glenn					
Solucient					
Average Requirement	9.1	2	Deficit: -1		1

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

*Standards are presented as rates per 100,000 population

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- (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. 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 314:217-222.
- (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.