

36 PCSA Physician Standard Report

Included Counties: Jasper, Newton

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Anesthesiology		98,836	1	1.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	14	Deficit: -13	17	
Two Mature HMO	9.7	10	Deficit: -9	12	
Adjusted FTE	9.1	9	Deficit: -8	11	
GMENAC	8.9	9	Deficit: -8	11	
Kaiser Portland	5.9	6	Deficit: -5	7	
7 Kaiser Plans	3.9	4	Deficit: -3	5	
GHC Seattle	9.0	9	Deficit: -8	11	
Three HMOs					
Goodman	7.0	7	Deficit: -6	8	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	8	Deficit: -7	9	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Cardiovascular Diseases		98,836	4	4.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	7	Deficit: -3	9	
Two Mature HMO	5.4	5	Deficit: -1	6	
Adjusted FTE	5.0	5	Deficit: -1	6	
GMENAC	3.1	3	Surplus: 1	4	
Kaiser Portland	3.0	3	Surplus: 1	4	
7 Kaiser Plans	1.8	2	Surplus: 2	2	
GHC Seattle	2.9	3	Surplus: 1	3	
Three HMOs					
Goodman	3.6	4	Adequate 0	4	
Hicks & Glenn	2.6	3	Surplus: 1	3	
Solucient	4.2	4	Adequate 0	5	
Average Requirement	3.5	3	Surplus: 1	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Dermatology		98,836	1	1.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	4	Deficit: -3	4	
Two Mature HMO	2.8	3	Deficit: -2	3	
Adjusted FTE	2.6	3	Deficit: -2	3	
GMENAC	2.8	3	Deficit: -2	3	
Kaiser Portland	2.5	2	Deficit: -1	3	
7 Kaiser Plans	2.4	2	Deficit: -1	3	
GHC Seattle	2.6	3	Deficit: -2	3	
Three HMOs	1.6	2	Deficit: -1	2	
Goodman	1.4	1	Adequate 0	2	
Hicks & Glenn	2.1	2	Deficit: -1	2	
Solucient	3.1	3	Deficit: -2	4	
Average Requirement	2.4	2	Deficit: -1	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Emergency Medicine		98,836	9	9.1	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	10	Deficit: -1	12	
Two Mature HMO	5.5	5	Surplus: 4	7	
Adjusted FTE	5.2	5	Surplus: 4	6	
GMENAC	5.4	5	Surplus: 4	6	
Kaiser Portland	6.7	7	Surplus: 2	8	
7 Kaiser Plans	5.3	5	Surplus: 4	6	
GHC Seattle					
Three HMOs					
Goodman	2.7	3	Surplus: 6	3	
Hicks & Glenn					
Solucient	12.4	12	Deficit: -3	15	
Average Requirement	6.2	6	Surplus: 3	7	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		98,836	11	11.1	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	31	Deficit: -20	37	
Two Mature HMO	45.6	45	Deficit: -34	54	
Adjusted FTE	42.6	42	Deficit: -31	51	
GMENAC	25.2	25	Deficit: -14	30	
Kaiser Portland	16.7	17	Deficit: -6	20	
7 Kaiser Plans	11.0	11	Adequate 0	13	
GHC Seattle					
Three HMOs	9.2	9	Surplus: 2	11	
Goodman					
Hicks & Glenn	16.2	16	Deficit: -5	19	
Solucient	22.5	22	Deficit: -11	27	
Average Requirement	23.6	23	Deficit: -12	28	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		98,836	1	1.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	4	Deficit: -3	5	
Two Mature HMO	3.1	3	Deficit: -2	4	
Adjusted FTE					
GMENAC	3.2	3	Deficit: -2	4	
Kaiser Portland	1.7	2	Deficit: -1	2	
7 Kaiser Plans	1.7	2	Deficit: -1	2	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Adequate 0	2	
Hicks & Glenn					
Solucient	3.5	3	Deficit: -2	4	
Average Requirement	2.4	2	Deficit: -1	3	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		98,836	24	24.3	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	52	Deficit: -28	63	
Two Mature HMO	21.4	21	Surplus: 3	25	
Adjusted FTE	20.0	20	Surplus: 4	24	
GMENAC	28.8	28	Deficit: -4	34	
Kaiser Portland	28.1	28	Deficit: -4	33	
7 Kaiser Plans	30.3	30	Deficit: -6	36	
GHC Seattle					
Three HMOs	16.7	17	Surplus: 7	20	
Goodman					
Hicks & Glenn	11.3	11	Surplus: 13	13	
Solucient	19.0	19	Surplus: 5	23	
Average Requirement	22.0	22	Surplus: 2	26	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Neurology		98,836	2	2.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	5	Deficit: -3	6	
Two Mature HMO	2.4	2	Adequate 0	3	
Adjusted FTE	2.3	2	Adequate 0	3	
GMENAC	3.3	3	Deficit: -1	4	
Kaiser Portland	1.3	1	Surplus: 1	2	
7 Kaiser Plans	1.7	2	Adequate 0	2	
GHC Seattle	1.2	1	Surplus: 1	1	
Three HMOs					
Goodman	2.1	2	Adequate 0	2	
Hicks & Glenn	1.4	1	Surplus: 1	2	
Solucient	1.8	2	Adequate 0	2	
Average Requirement	1.9	2	Adequate 0	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
OB/GYN		98,836	3	3.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	14	Deficit: -11	17	
Two Mature HMO	12.1	12	Deficit: -9	14	
Adjusted FTE	11.3	11	Deficit: -8	13	
GMENAC	9.9	10	Deficit: -7	12	
Kaiser Portland	11.6	11	Deficit: -8	14	
7 Kaiser Plans	11.5	11	Deficit: -8	14	
GHC Seattle	10.0	10	Deficit: -7	12	
Three HMOs	8.8	9	Deficit: -6	10	
Goodman	8.4	8	Deficit: -5	10	
Hicks & Glenn	8.0	8	Deficit: -5	10	
Solucient	10.2	10	Deficit: -7	12	
Average Requirement	10.2	10	Deficit: -7	12	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Ophthalmology		98,836	5	5.1	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	6	Deficit: -1	7	
Two Mature HMO	5.9	6	Deficit: -1	7	
Adjusted FTE	5.5	5	Adequate 0	7	
GMENAC	4.6	5	Adequate 0	5	
Kaiser Portland	2.4	2	Surplus: 3	3	
7 Kaiser Plans	3.1	3	Surplus: 2	4	
GHC Seattle	5.0	5	Adequate 0	6	
Three HMOs					
Goodman	3.5	3	Surplus: 2	4	
Hicks & Glenn	3.2	3	Surplus: 2	4	
Solucient	4.7	5	Adequate 0	6	
Average Requirement	4.2	4	Surplus: 1	5	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Orthopedic Surgery		98,836	4	4.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	8	Deficit: -4	10	
Two Mature HMO	6.8	7	Deficit: -3	8	
Adjusted FTE	6.4	6	Deficit: -2	8	
GMENAC	6.0	6	Deficit: -2	7	
Kaiser Portland	5.9	6	Deficit: -2	7	
7 Kaiser Plans	4.2	4	Adequate 0	5	
GHC Seattle	6.7	7	Deficit: -3	8	
Three HMOs	3.0	3	Surplus: 1	4	
Goodman	5.9	6	Deficit: -2	7	
Hicks & Glenn	4.2	4	Adequate 0	5	
Solucient	6.1	6	Deficit: -2	7	
Average Requirement	5.5	5	Deficit: -1	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Otolaryngology		98,836	1	1.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	3	Deficit: -2	4	
Two Mature HMO	3.2	3	Deficit: -2	4	
Adjusted FTE					
GMENAC	3.2	3	Deficit: -2	4	
Kaiser Portland	3.4	3	Deficit: -2	4	
7 Kaiser Plans	2.4	2	Deficit: -1	3	
GHC Seattle	3.0	3	Deficit: -2	4	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	3	Deficit: -2	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pathology		98,836	2	2.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	6	Deficit: -4	7	
Two Mature HMO	1.9	2	Adequate 0	2	
Adjusted FTE	1.8	2	Adequate 0	2	
GMENAC	6.4	6	Deficit: -4	8	
Kaiser Portland	3.3	3	Deficit: -1	4	
7 Kaiser Plans	1.8	2	Adequate 0	2	
GHC Seattle					
Three HMOs					
Goodman	4.1	4	Deficit: -2	5	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	3	Deficit: -1	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pediatrics		98,836	10	10.1	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	25	Deficit: -15	30	
Two Mature HMO	16.6	16	Deficit: -6	20	
Adjusted FTE	15.5	15	Deficit: -5	18	
GMENAC	12.4	12	Deficit: -2	15	
Kaiser Portland	11.9	12	Deficit: -2	14	
7 Kaiser Plans	16.0	16	Deficit: -6	19	
GHC Seattle					
Three HMOs	9.8	10	Adequate 0	12	
Goodman					
Hicks & Glenn	7.6	8	Surplus: 2	9	
Solucient	13.9	14	Deficit: -4	17	
Average Requirement	13.0	13	Deficit: -3	15	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Psychiatry		98,836	2	2.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	13	Deficit: -11	16	
Two Mature HMO	7.7	8	Deficit: -6	9	
Adjusted FTE	7.2	7	Deficit: -5	9	
GMENAC	15.4	15	Deficit: -13	18	
Kaiser Portland	5.2	5	Deficit: -3	6	
7 Kaiser Plans	4.1	4	Deficit: -2	5	
GHC Seattle					
Three HMOs					
Goodman	7.2	7	Deficit: -5	9	
Hicks & Glenn	3.9	4	Deficit: -2	5	
Solucient	5.7	6	Deficit: -4	7	
Average Requirement	7.1	7	Deficit: -5	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Radiology		98,836	6	6.1	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	11	Deficit: -5	14	
Two Mature HMO	13.6	13	Deficit: -7	16	
Adjusted FTE	13.7	14	Deficit: -8	16	
GMENAC	7.7	8	Deficit: -2	9	
Kaiser Portland	8.5	8	Deficit: -2	10	
7 Kaiser Plans	4.7	5	Surplus: 1	6	
GHC Seattle	7.7	8	Deficit: -2	9	
Three HMOs					
Goodman	8.0	8	Deficit: -2	10	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	9	Deficit: -3	11	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Rheumatology		98,836	1	1.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	1	Adequate 0	2	
Two Mature HMO	1.1	1	Adequate 0	1	
Adjusted FTE	1.0	1	Adequate 0	1	
GMENAC	0.7	1	Adequate 0	1	
Kaiser Portland	0.4	0	Surplus: 1	0	
7 Kaiser Plans	0.7	1	Adequate 0	1	
GHC Seattle	0.7	1	Adequate 0	1	
Three HMOs					
Goodman	0.4	0	Surplus: 1	0	
Hicks & Glenn					
Solucient	1.3	1	Adequate 0	2	
Average Requirement	0.8	1	Adequate 0	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
General Surgery		98,836	3	3.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	12	Deficit: -9	15	
Two Mature HMO	9.4	9	Deficit: -6	11	
Adjusted FTE	8.8	9	Deficit: -6	10	
GMENAC	9.7	10	Deficit: -7	12	
Kaiser Portland	7.0	7	Deficit: -4	8	
7 Kaiser Plans	6.2	6	Deficit: -3	7	
GHC Seattle	5.9	6	Deficit: -3	7	
Three HMOs	4.2	4	Deficit: -1	5	
Goodman	9.7	10	Deficit: -7	12	
Hicks & Glenn	4.1	4	Deficit: -1	5	
Solucient	6.0	6	Deficit: -3	7	
Average Requirement	7.1	7	Deficit: -4	8	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	98,836	1	1.0	118,991
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	3	Deficit: -2	4
Two Mature HMO	3.5	3	Deficit: -2	4
Adjusted FTE	3.3	3	Deficit: -2	4
GMENAC	3.1	3	Deficit: -2	4
Kaiser Portland	3.3	3	Deficit: -2	4
7 Kaiser Plans	2.3	2	Deficit: -1	3
GHC Seattle	2.9	3	Deficit: -2	3
Three HMOs				
Goodman	2.6	3	Deficit: -2	3
Hicks & Glenn	1.9	2	Deficit: -1	2
Solucient	2.9	3	Deficit: -2	3
Average Requirement	2.9	3	Deficit: -2	3

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.
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- (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.
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- (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.