

## 48 PCSA Physician Standard Report

Included Counties: Johnson, Washington

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Emergency Medicine</b>		<b>28,852</b>	<b>1</b>	<b>3.5</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	3	Deficit: -2	3	
Two Mature HMO	5.5	2	Deficit: -1	2	
Adjusted FTE	5.2	2	Deficit: -1	2	
GMENAC	5.4	2	Deficit: -1	2	
Kaiser Portland	6.7	2	Deficit: -1	2	
7 Kaiser Plans	5.3	2	Deficit: -1	2	
GHC Seattle					
Three HMOs					
Goodman	2.7	1	Adequate 0	1	
Hicks & Glenn					
Solucient	12.4	4	Deficit: -3	4	
Average Requirement	6.2	2	Deficit: -1	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Family Practice</b>		<b>28,852</b>	<b>6</b>	<b>20.8</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	9	Deficit: -3	9	
Two Mature HMO	45.6	13	Deficit: -7	13	
Adjusted FTE	42.6	12	Deficit: -6	13	
GMENAC	25.2	7	Deficit: -1	7	
Kaiser Portland	16.7	5	Surplus: 1	5	
7 Kaiser Plans	11.0	3	Surplus: 3	3	
GHC Seattle					
Three HMOs	9.2	3	Surplus: 3	3	
Goodman					
Hicks & Glenn	16.2	5	Surplus: 1	5	
Solucient	22.5	7	Deficit: -1	7	
Average Requirement	23.6	7	Deficit: -1	7	

## 48 PCSA Physician Standard Report

Included Counties: Johnson, Washington

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Internal Medicine</b>		<b>28,852</b>	<b>9</b>	<b>31.2</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	15	Deficit: -6	16	
Two Mature HMO	21.4	6	Surplus: 3	6	
Adjusted FTE	20.0	6	Surplus: 3	6	
GMENAC	28.8	8	Surplus: 1	8	
Kaiser Portland	28.1	8	Surplus: 1	8	
7 Kaiser Plans	30.3	9	Adequate 0	9	
GHC Seattle					
Three HMOs	16.7	5	Surplus: 4	5	
Goodman					
Hicks & Glenn	11.3	3	Surplus: 6	3	
Solucient	19.0	5	Surplus: 4	6	
Average Requirement	22.0	6	Surplus: 3	6	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>OB/GYN</b>		<b>28,852</b>	<b>1</b>	<b>3.5</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	4	Deficit: -3	4	
Two Mature HMO	12.1	3	Deficit: -2	4	
Adjusted FTE	11.3	3	Deficit: -2	3	
GMENAC	9.9	3	Deficit: -2	3	
Kaiser Portland	11.6	3	Deficit: -2	3	
7 Kaiser Plans	11.5	3	Deficit: -2	3	
GHC Seattle	10.0	3	Deficit: -2	3	
Three HMOs	8.8	3	Deficit: -2	3	
Goodman	8.4	2	Deficit: -1	2	
Hicks & Glenn	8.0	2	Deficit: -1	2	
Solucient	10.2	3	Deficit: -2	3	
Average Requirement	10.2	3	Deficit: -2	3	

## 48 PCSA Physician Standard Report

Included Counties: Johnson, Washington

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Orthopedic Surgery</b>		<b>28,852</b>	<b>1</b>	<b>3.5</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	2	Deficit: -1	2	
Two Mature HMO	6.8	2	Deficit: -1	2	
Adjusted FTE	6.4	2	Deficit: -1	2	
GMENAC	6.0	2	Deficit: -1	2	
Kaiser Portland	5.9	2	Deficit: -1	2	
7 Kaiser Plans	4.2	1	Adequate 0	1	
GHC Seattle	6.7	2	Deficit: -1	2	
Three HMOs	3.0	1	Adequate 0	1	
Goodman	5.9	2	Deficit: -1	2	
Hicks & Glenn	4.2	1	Adequate 0	1	
Solucient	6.1	2	Deficit: -1	2	
Average Requirement	5.5	2	Deficit: -1	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Pathology</b>		<b>28,852</b>	<b>1</b>	<b>3.5</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	2	Deficit: -1	2	
Two Mature HMO	1.9	1	Adequate 0	1	
Adjusted FTE	1.8	1	Adequate 0	1	
GMENAC	6.4	2	Deficit: -1	2	
Kaiser Portland	3.3	1	Adequate 0	1	
7 Kaiser Plans	1.8	1	Adequate 0	1	
GHC Seattle					
Three HMOs					
Goodman	4.1	1	Adequate 0	1	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	1	Adequate 0	1	

## 48 PCSA Physician Standard Report

Included Counties: Johnson, Washington

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
<b>Pediatrics</b>		<b>28,852</b>	<b>5</b>	<b>17.3</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	7	Deficit: -2	7	
Two Mature HMO	16.6	5	Adequate 0	5	
Adjusted FTE	15.5	4	Surplus: 1	5	
GMENAC	12.4	4	Surplus: 1	4	
Kaiser Portland	11.9	3	Surplus: 2	4	
7 Kaiser Plans	16.0	5	Adequate 0	5	
GHC Seattle					
Three HMOs	9.8	3	Surplus: 2	3	
Goodman					
Hicks & Glenn	7.6	2	Surplus: 3	2	
Solucient	13.9	4	Surplus: 1	4	
Average Requirement	13.0	4	Surplus: 1	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
<b>Psychiatry</b>		<b>28,852</b>	<b>2</b>	<b>6.9</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	4	Deficit: -2	4	
Two Mature HMO	7.7	2	Adequate 0	2	
Adjusted FTE	7.2	2	Adequate 0	2	
GMENAC	15.4	4	Deficit: -2	5	
Kaiser Portland	5.2	2	Adequate 0	2	
7 Kaiser Plans	4.1	1	Surplus: 1	1	
GHC Seattle					
Three HMOs					
Goodman	7.2	2	Adequate 0	2	
Hicks & Glenn	3.9	1	Surplus: 1	1	
Solucient	5.7	2	Adequate 0	2	
Average Requirement	7.1	2	Adequate 0	2	

## 48 PCSA Physician Standard Report

Included Counties: Johnson, Washington

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Radiology</b>		<b>28,852</b>	<b>1</b>	<b>3.5</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	3	Deficit: -2	3	
Two Mature HMO	13.6	4	Deficit: -3	4	
Adjusted FTE	13.7	4	Deficit: -3	4	
GMENAC	7.7	2	Deficit: -1	2	
Kaiser Portland	8.5	2	Deficit: -1	3	
7 Kaiser Plans	4.7	1	Adequate 0	1	
GHC Seattle	7.7	2	Deficit: -1	2	
Three HMOs					
Goodman	8.0	2	Deficit: -1	2	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	3	Deficit: -2	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>General Surgery</b>		<b>28,852</b>	<b>4</b>	<b>13.9</b>	<b>29,442</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	4	Adequate 0	4	
Two Mature HMO	9.4	3	Surplus: 1	3	
Adjusted FTE	8.8	3	Surplus: 1	3	
GMENAC	9.7	3	Surplus: 1	3	
Kaiser Portland	7.0	2	Surplus: 2	2	
7 Kaiser Plans	6.2	2	Surplus: 2	2	
GHC Seattle	5.9	2	Surplus: 2	2	
Three HMOs	4.2	1	Surplus: 3	1	
Goodman	9.7	3	Surplus: 1	3	
Hicks & Glenn	4.1	1	Surplus: 3	1	
Solucient	6.0	2	Surplus: 2	2	
Average Requirement	7.1	2	Surplus: 2	2	

## 48 PCSA Physician Standard Report

Included Counties: Johnson, Washington

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.