

## Madison County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Anesthesiology</b>		<b>27,780</b>	<b>1</b>	<b>3.6</b>	<b>31,847</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	4	Deficit: -3	4	
Two Mature HMO	9.7	3	Deficit: -2	3	
Adjusted FTE	9.1	3	Deficit: -2	3	
GMENAC	8.9	2	Deficit: -1	3	
Kaiser Portland	5.9	2	Deficit: -1	1	
7 Kaiser Plans	3.9	1	Adequate 0	1	
GHC Seattle	9.0	3	Deficit: -2	3	
Three HMOs					
Goodman	7.0	2	Deficit: -1	2	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	2	Deficit: -1	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Family Practice</b>		<b>27,780</b>	<b>4</b>	<b>14.4</b>	<b>31,847</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	9	Deficit: -5	10	
Two Mature HMO	45.6	13	Deficit: -9	15	
Adjusted FTE	42.6	12	Deficit: -8	14	
GMENAC	25.2	7	Deficit: -3	8	
Kaiser Portland	16.7	5	Deficit: -1	4	
7 Kaiser Plans	11.0	3	Surplus: 1	4	
GHC Seattle					
Three HMOs	9.2	3	Surplus: 1	3	
Goodman					
Hicks & Glenn	16.2	5	Deficit: -1	5	
Solucient	22.5	6	Deficit: -2	7	
Average Requirement	23.6	7	Deficit: -3	8	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Internal Medicine</b>		<b>27,780</b>	<b>2</b>	<b>7.2</b>	<b>31,847</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	15	Deficit: -13	17	
Two Mature HMO	21.4	6	Deficit: -4	7	
Adjusted FTE	20.0	6	Deficit: -4	6	
GMENAC	28.8	8	Deficit: -6	9	
Kaiser Portland	28.1	8	Deficit: -6	10	
7 Kaiser Plans	30.3	8	Deficit: -6	10	
GHC Seattle					
Three HMOs	16.7	5	Deficit: -3	5	
Goodman					
Hicks & Glenn	11.3	3	Deficit: -1	4	
Solucient	19.0	5	Deficit: -3	6	
Average Requirement	22.0	6	Deficit: -4	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Orthopedic Surgery</b>		<b>27,780</b>	<b>1</b>	<b>3.6</b>	<b>31,847</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	2	Deficit: -1	3	
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	1	
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	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
<b>Pediatrics</b>	<b>27,780</b>	<b>3</b>	<b>10.8</b>	<b>31,847</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	24.9	7	Deficit: -4	8
Two Mature HMO	16.6	5	Deficit: -2	5
Adjusted FTE	15.5	4	Deficit: -1	5
GMENAC	12.4	3	Adequate 0	4
Kaiser Portland	11.9	3	Adequate 0	5
7 Kaiser Plans	16.0	4	Deficit: -1	5
GHC Seattle				
Three HMOs	9.8	3	Adequate 0	3
Goodman				
Hicks & Glenn	7.6	2	Surplus: 1	2
Solucient	13.9	4	Deficit: -1	4
Average Requirement	13.0	4	Deficit: -1	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
<b>Psychiatry</b>	<b>27,780</b>	<b>1</b>	<b>3.6</b>	<b>31,847</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	13.6	4	Deficit: -3	4
Two Mature HMO	7.7	2	Deficit: -1	2
Adjusted FTE	7.2	2	Deficit: -1	2
GMENAC	15.4	4	Deficit: -3	5
Kaiser Portland	5.2	1	Adequate 0	1
7 Kaiser Plans	4.1	1	Adequate 0	1
GHC Seattle				
Three HMOs				
Goodman	7.2	2	Deficit: -1	2
Hicks & Glenn	3.9	1	Adequate 0	1
Solucient	5.7	2	Deficit: -1	2
Average Requirement	7.1	2	Deficit: -1	2

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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.
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- (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.
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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.
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- (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).
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