

## 41 PCSA Physician Standard Report

Included Counties: Coweta

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
<b>Anesthesiology</b>		<b>108,921</b>	<b>4</b>	<b>3.7</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	15	Deficit: -11	18	
Two Mature HMO	9.7	11	Deficit: -7	12	
Adjusted FTE	9.1	10	Deficit: -6	12	
GMENAC	8.9	10	Deficit: -6	11	
Kaiser Portland	5.9	6	Deficit: -2	7	
7 Kaiser Plans	3.9	4	Adequate 0	5	
GHC Seattle	9.0	10	Deficit: -6	11	
Three HMOs					
Goodman	7.0	8	Deficit: -4	9	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	8	Deficit: -4	10	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
<b>Cardiovascular Diseases</b>		<b>108,921</b>	<b>2</b>	<b>1.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	8	Deficit: -6	9	
Two Mature HMO	5.4	6	Deficit: -4	7	
Adjusted FTE	5.0	5	Deficit: -3	6	
GMENAC	3.1	3	Deficit: -1	4	
Kaiser Portland	3.0	3	Deficit: -1	4	
7 Kaiser Plans	1.8	2	Adequate 0	2	
GHC Seattle	2.9	3	Deficit: -1	4	
Three HMOs					
Goodman	3.6	4	Deficit: -2	5	
Hicks & Glenn	2.6	3	Deficit: -1	3	
Solucient	4.2	5	Deficit: -3	5	
Average Requirement	3.5	4	Deficit: -2	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Dermatology</b>		<b>108,921</b>	<b>3</b>	<b>2.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	4	Deficit: -1	5	
Two Mature HMO	2.8	3	Adequate 0	4	
Adjusted FTE	2.6	3	Adequate 0	3	
GMENAC	2.8	3	Adequate 0	4	
Kaiser Portland	2.5	3	Adequate 0	3	
7 Kaiser Plans	2.4	3	Adequate 0	3	
GHC Seattle	2.6	3	Adequate 0	3	
Three HMOs	1.6	2	Surplus: 1	2	
Goodman	1.4	2	Surplus: 1	2	
Hicks & Glenn	2.1	2	Surplus: 1	3	
Solucient	3.1	3	Adequate 0	4	
Average Requirement	2.4	3	Adequate 0	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Emergency Medicine</b>		<b>108,921</b>	<b>10</b>	<b>9.2</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	11	Deficit: -1	13	
Two Mature HMO	5.5	6	Surplus: 4	7	
Adjusted FTE	5.2	6	Surplus: 4	7	
GMENAC	5.4	6	Surplus: 4	7	
Kaiser Portland	6.7	7	Surplus: 3	8	
7 Kaiser Plans	5.3	6	Surplus: 4	7	
GHC Seattle					
Three HMOs					
Goodman	2.7	3	Surplus: 7	3	
Hicks & Glenn					
Solucient	12.4	14	Deficit: -4	16	
Average Requirement	6.2	7	Surplus: 3	8	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Family Practice</b>		<b>108,921</b>	<b>16</b>	<b>14.7</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	34	Deficit: -18	40	
Two Mature HMO	45.6	50	Deficit: -34	58	
Adjusted FTE	42.6	46	Deficit: -30	54	
GMENAC	25.2	27	Deficit: -11	32	
Kaiser Portland	16.7	18	Deficit: -2	21	
7 Kaiser Plans	11.0	12	Surplus: 4	14	
GHC Seattle					
Three HMOs	9.2	10	Surplus: 6	12	
Goodman					
Hicks & Glenn	16.2	18	Deficit: -2	21	
Solucient	22.5	25	Deficit: -9	29	
Average Requirement	23.6	26	Deficit: -10	30	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Gastroenterology</b>		<b>108,921</b>	<b>1</b>	<b>0.9</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	5	Deficit: -4	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	4	Deficit: -3	4	
Average Requirement	2.4	3	Deficit: -2	3	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Internal Medicine</b>		<b>108,921</b>	<b>18</b>	<b>16.5</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	58	Deficit: -40	67	
Two Mature HMO	21.4	23	Deficit: -5	27	
Adjusted FTE	20.0	22	Deficit: -4	25	
GMENAC	28.8	31	Deficit: -13	36	
Kaiser Portland	28.1	31	Deficit: -13	36	
7 Kaiser Plans	30.3	33	Deficit: -15	38	
GHC Seattle					
Three HMOs	16.7	18	Adequate 0	21	
Goodman					
Hicks & Glenn	11.3	12	Surplus: 6	14	
Solucient	19.0	21	Deficit: -3	24	
Average Requirement	22.0	24	Deficit: -6	28	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Nephrology</b>		<b>108,921</b>	<b>3</b>	<b>2.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	3	Adequate 0	3	
Two Mature HMO	1.4	2	Surplus: 1	2	
Adjusted FTE	1.3	1	Surplus: 2	2	
GMENAC	1.1	1	Surplus: 2	1	
Kaiser Portland	0.8	1	Surplus: 2	1	
7 Kaiser Plans	0.7	1	Surplus: 2	1	
GHC Seattle	0.9	1	Surplus: 2	1	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	1	Surplus: 2	1	
Average Requirement	1.0	1	Surplus: 2	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Neurology</b>		<b>108,921</b>	<b>3</b>	<b>2.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	5	Deficit: -2	6	
Two Mature HMO	2.4	3	Adequate 0	3	
Adjusted FTE	2.3	3	Adequate 0	3	
GMENAC	3.3	4	Deficit: -1	4	
Kaiser Portland	1.3	1	Surplus: 2	2	
7 Kaiser Plans	1.7	2	Surplus: 1	2	
GHC Seattle	1.2	1	Surplus: 2	2	
Three HMOs					
Goodman	2.1	2	Surplus: 1	3	
Hicks & Glenn	1.4	2	Surplus: 1	2	
Solucient	1.8	2	Surplus: 1	2	
Average Requirement	1.9	2	Surplus: 1	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>OB/GYN</b>		<b>108,921</b>	<b>5</b>	<b>4.6</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	15	Deficit: -10	18	
Two Mature HMO	12.1	13	Deficit: -8	15	
Adjusted FTE	11.3	12	Deficit: -7	14	
GMENAC	9.9	11	Deficit: -6	13	
Kaiser Portland	11.6	13	Deficit: -8	15	
7 Kaiser Plans	11.5	13	Deficit: -8	15	
GHC Seattle	10.0	11	Deficit: -6	13	
Three HMOs	8.8	10	Deficit: -5	11	
Goodman	8.4	9	Deficit: -4	11	
Hicks & Glenn	8.0	9	Deficit: -4	10	
Solucient	10.2	11	Deficit: -6	13	
Average Requirement	10.2	11	Deficit: -6	13	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Ophthalmology</b>		<b>108,921</b>	<b>5</b>	<b>4.6</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	6.0	7	Deficit: -2		8
Two Mature HMO	5.9	6	Deficit: -1		7
Adjusted FTE	5.5	6	Deficit: -1		7
GMENAC	4.6	5	Adequate 0		6
Kaiser Portland	2.4	3	Surplus: 2		3
7 Kaiser Plans	3.1	3	Surplus: 2		4
GHC Seattle	5.0	5	Adequate 0		6
Three HMOs					
Goodman	3.5	4	Surplus: 1		4
Hicks & Glenn	3.2	3	Surplus: 2		4
Solucient	4.7	5	Adequate 0		6
Average Requirement	4.2	5	Adequate 0		5

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Orthopedic Surgery</b>		<b>108,921</b>	<b>6</b>	<b>5.5</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	8.3	9	Deficit: -3		11
Two Mature HMO	6.8	7	Deficit: -1		9
Adjusted FTE	6.4	7	Deficit: -1		8
GMENAC	6.0	7	Deficit: -1		8
Kaiser Portland	5.9	6	Adequate 0		7
7 Kaiser Plans	4.2	5	Surplus: 1		5
GHC Seattle	6.7	7	Deficit: -1		8
Three HMOs	3.0	3	Surplus: 3		4
Goodman	5.9	6	Adequate 0		7
Hicks & Glenn	4.2	5	Surplus: 1		5
Solucient	6.1	7	Deficit: -1		8
Average Requirement	5.5	6	Adequate 0		7

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Otolaryngology</b>		<b>108,921</b>	<b>2</b>	<b>1.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	4	Deficit: -2	4	
Two Mature HMO	3.2	3	Deficit: -1	4	
Adjusted FTE					
GMENAC	3.2	3	Deficit: -1	4	
Kaiser Portland	3.4	4	Deficit: -2	4	
7 Kaiser Plans	2.4	3	Deficit: -1	3	
GHC Seattle	3.0	3	Deficit: -1	4	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	3	Deficit: -1	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Pathology</b>		<b>108,921</b>	<b>2</b>	<b>1.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	7	Deficit: -5	8	
Two Mature HMO	1.9	2	Adequate 0	2	
Adjusted FTE	1.8	2	Adequate 0	2	
GMENAC	6.4	7	Deficit: -5	8	
Kaiser Portland	3.3	4	Deficit: -2	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	

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Included Counties: Coweta

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
<b>Pediatrics</b>		<b>108,921</b>	<b>10</b>	<b>9.2</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	27	Deficit: -17	32	
Two Mature HMO	16.6	18	Deficit: -8	21	
Adjusted FTE	15.5	17	Deficit: -7	20	
GMENAC	12.4	14	Deficit: -4	16	
Kaiser Portland	11.9	13	Deficit: -3	15	
7 Kaiser Plans	16.0	17	Deficit: -7	20	
GHC Seattle					
Three HMOs	9.8	11	Deficit: -1	12	
Goodman					
Hicks & Glenn	7.6	8	Surplus: 2	10	
Solucient	13.9	15	Deficit: -5	18	
Average Requirement	13.0	14	Deficit: -4	16	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
<b>Psychiatry</b>		<b>108,921</b>	<b>3</b>	<b>2.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	15	Deficit: -12	17	
Two Mature HMO	7.7	8	Deficit: -5	10	
Adjusted FTE	7.2	8	Deficit: -5	9	
GMENAC	15.4	17	Deficit: -14	20	
Kaiser Portland	5.2	6	Deficit: -3	7	
7 Kaiser Plans	4.1	4	Deficit: -1	5	
GHC Seattle					
Three HMOs					
Goodman	7.2	8	Deficit: -5	9	
Hicks & Glenn	3.9	4	Deficit: -1	5	
Solucient	5.7	6	Deficit: -3	7	
Average Requirement	7.1	8	Deficit: -5	9	



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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Pulmonary Diseases</b>		<b>108,921</b>	<b>2</b>	<b>1.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	4	Deficit: -2	4	
Two Mature HMO	2.0	2	Adequate 0	3	
Adjusted FTE	1.9	2	Adequate 0	2	
GMENAC	1.4	2	Adequate 0	2	
Kaiser Portland	1.4	2	Adequate 0	2	
7 Kaiser Plans	1.0	1	Surplus: 1	1	
GHC Seattle	1.4	2	Adequate 0	2	
Three HMOs					
Goodman	1.4	2	Adequate 0	2	
Hicks & Glenn					
Solucient	1.3	1	Surplus: 1	2	
Average Requirement	1.5	2	Adequate 0	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Radiology</b>		<b>108,921</b>	<b>5</b>	<b>4.6</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	12	Deficit: -7	14	
Two Mature HMO	13.6	15	Deficit: -10	17	
Adjusted FTE	13.7	15	Deficit: -10	17	
GMENAC	7.7	8	Deficit: -3	10	
Kaiser Portland	8.5	9	Deficit: -4	11	
7 Kaiser Plans	4.7	5	Adequate 0	6	
GHC Seattle	7.7	8	Deficit: -3	10	
Three HMOs					
Goodman	8.0	9	Deficit: -4	10	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	10	Deficit: -5	12	

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Included Counties: Coweta

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>General Surgery</b>		<b>108,921</b>	<b>8</b>	<b>7.3</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	14	Deficit: -6	16	
Two Mature HMO	9.4	10	Deficit: -2	12	
Adjusted FTE	8.8	10	Deficit: -2	11	
GMENAC	9.7	11	Deficit: -3	12	
Kaiser Portland	7.0	8	Adequate 0	9	
7 Kaiser Plans	6.2	7	Surplus: 1	8	
GHC Seattle	5.9	6	Surplus: 2	7	
Three HMOs	4.2	5	Surplus: 3	5	
Goodman	9.7	11	Deficit: -3	12	
Hicks & Glenn	4.1	4	Surplus: 4	5	
Solucient	6.0	7	Surplus: 1	8	
Average Requirement	7.1	8	Adequate 0	9	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Urology</b>		<b>108,921</b>	<b>2</b>	<b>1.8</b>	<b>126,639</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	4	Deficit: -2	4	
Two Mature HMO	3.5	4	Deficit: -2	4	
Adjusted FTE	3.3	4	Deficit: -2	4	
GMENAC	3.1	3	Deficit: -1	4	
Kaiser Portland	3.3	4	Deficit: -2	4	
7 Kaiser Plans	2.3	3	Deficit: -1	3	
GHC Seattle	2.9	3	Deficit: -1	4	
Three HMOs					
Goodman	2.6	3	Deficit: -1	3	
Hicks & Glenn	1.9	2	Adequate 0	2	
Solucient	2.9	3	Deficit: -1	4	
Average Requirement	2.9	3	Deficit: -1	4	

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Included Counties: Coweta

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.