

24 PCSA Physician Standard Report

Included Counties: Rockdale

			2008 Actual			2015 Projected
Physician Specialty			Population	Physicians /100k	Population	
Allergy & Immunology			78,000	2	2.6	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	1.4	1	Surplus: 1			1
Two Mature HMO	1.5	1	Surplus: 1			1
Adjusted FTE	1.4	1	Surplus: 1			1
GMENAC	0.8	1	Surplus: 1			1
Kaiser Portland	1.7	1	Surplus: 1			1
7 Kaiser Plans	1.2	1	Surplus: 1			1
GHC Seattle	1.1	1	Surplus: 1			1
Three HMOs						
Goodman	1.3	1	Surplus: 1			1
Hicks & Glenn						
Solucient	1.7	1	Surplus: 1			1
Average Requirement	1.3	1	Surplus: 1			1

			2008 Actual			2015 Projected
Physician Specialty			Population	Physicians /100k	Population	
Anesthesiology			78,000	7	9.0	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	14.0	11	Deficit: -4			11
Two Mature HMO	9.7	8	Deficit: -1			8
Adjusted FTE	9.1	7	Adequate 0			7
GMENAC	8.9	7	Adequate 0			7
Kaiser Portland	5.9	5	Surplus: 2			5
7 Kaiser Plans	3.9	3	Surplus: 4			3
GHC Seattle	9.0	7	Adequate 0			7
Three HMOs						
Goodman	7.0	5	Surplus: 2			6
Hicks & Glenn						
Solucient						
Average Requirement	7.6	6	Surplus: 1			6

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Cardiovascular Diseases		78,000	5	6.4	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	6	Deficit: -1	6	
Two Mature HMO	5.4	4	Surplus: 1	4	
Adjusted FTE	5.0	4	Surplus: 1	4	
GMENAC	3.1	2	Surplus: 3	3	
Kaiser Portland	3.0	2	Surplus: 3	2	
7 Kaiser Plans	1.8	1	Surplus: 4	1	
GHC Seattle	2.9	2	Surplus: 3	2	
Three HMOs					
Goodman	3.6	3	Surplus: 2	3	
Hicks & Glenn	2.6	2	Surplus: 3	2	
Solucient	4.2	3	Surplus: 2	3	
Average Requirement	3.5	3	Surplus: 2	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Dermatology		78,000	2	2.6	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	3	Deficit: -1	3	
Two Mature HMO	2.8	2	Adequate 0	2	
Adjusted FTE	2.6	2	Adequate 0	2	
GMENAC	2.8	2	Adequate 0	2	
Kaiser Portland	2.5	2	Adequate 0	2	
7 Kaiser Plans	2.4	2	Adequate 0	2	
GHC Seattle	2.6	2	Adequate 0	2	
Three HMOs	1.6	1	Surplus: 1	1	
Goodman	1.4	1	Surplus: 1	1	
Hicks & Glenn	2.1	2	Adequate 0	2	
Solucient	3.1	2	Adequate 0	3	
Average Requirement	2.4	2	Adequate 0	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		78,000	6	7.7	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	8	Deficit: -2	9	
Two Mature HMO	5.5	4	Surplus: 2	5	
Adjusted FTE	5.2	4	Surplus: 2	4	
GMENAC	5.4	4	Surplus: 2	4	
Kaiser Portland	6.7	5	Surplus: 1	5	
7 Kaiser Plans	5.3	4	Surplus: 2	4	
GHC Seattle					
Three HMOs					
Goodman	2.7	2	Surplus: 4	2	
Hicks & Glenn					
Solucient	12.4	10	Deficit: -4	10	
Average Requirement	6.2	5	Surplus: 1	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		78,000	21	26.9	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	25	Deficit: -4	26	
Two Mature HMO	45.6	36	Deficit: -15	37	
Adjusted FTE	42.6	33	Deficit: -12	35	
GMENAC	25.2	20	Surplus: 1	21	
Kaiser Portland	16.7	13	Surplus: 8	14	
7 Kaiser Plans	11.0	9	Surplus: 12	9	
GHC Seattle					
Three HMOs	9.2	7	Surplus: 14	8	
Goodman					
Hicks & Glenn	16.2	13	Surplus: 8	13	
Solucient	22.5	18	Surplus: 3	18	
Average Requirement	23.6	18	Surplus: 3	19	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		78,000	5	6.4	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	3	Surplus: 2	3	
Two Mature HMO	3.1	2	Surplus: 3	3	
Adjusted FTE					
GMENAC	3.2	2	Surplus: 3	3	
Kaiser Portland	1.7	1	Surplus: 4	1	
7 Kaiser Plans	1.7	1	Surplus: 4	1	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Surplus: 4	1	
Hicks & Glenn					
Solucient	3.5	3	Surplus: 2	3	
Average Requirement	2.4	2	Surplus: 3	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Hematology/Oncology		78,000	1	1.3	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	3	Deficit: -2	3	
Two Mature HMO	2.5	2	Deficit: -1	2	
Adjusted FTE	2.4	2	Deficit: -1	2	
GMENAC	3.6	3	Deficit: -2	3	
Kaiser Portland	2.3	2	Deficit: -1	2	
7 Kaiser Plans	1.8	1	Adequate 0	1	
GHC Seattle	1.6	1	Adequate 0	1	
Three HMOs	2.6	2	Deficit: -1	2	
Goodman	1.2	1	Adequate 0	1	
Hicks & Glenn					
Solucient	1.1	1	Adequate 0	1	
Average Requirement	2.1	2	Deficit: -1	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		78,000	33	42.3	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	41	Deficit: -8	44	
Two Mature HMO	21.4	17	Surplus: 16	18	
Adjusted FTE	20.0	16	Surplus: 17	16	
GMENAC	28.8	22	Surplus: 11	24	
Kaiser Portland	28.1	22	Surplus: 11	23	
7 Kaiser Plans	30.3	24	Surplus: 9	25	
GHC Seattle					
Three HMOs	16.7	13	Surplus: 20	14	
Goodman					
Hicks & Glenn	11.3	9	Surplus: 24	9	
Solucient	19.0	15	Surplus: 18	16	
Average Requirement	22.0	17	Surplus: 16	18	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Nephrology		78,000	1	1.3	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	2	Deficit: -1	2	
Two Mature HMO	1.4	1	Adequate 0	1	
Adjusted FTE	1.3	1	Adequate 0	1	
GMENAC	1.1	1	Adequate 0	1	
Kaiser Portland	0.8	1	Adequate 0	1	
7 Kaiser Plans	0.7	1	Adequate 0	1	
GHC Seattle	0.9	1	Adequate 0	1	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	1	Adequate 0	1	
Average Requirement	1.0	1	Adequate 0	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Neurology		78,000	3	3.8	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	4	Deficit: -1	4	
Two Mature HMO	2.4	2	Surplus: 1	2	
Adjusted FTE	2.3	2	Surplus: 1	2	
GMENAC	3.3	3	Adequate 0	3	
Kaiser Portland	1.3	1	Surplus: 2	1	
7 Kaiser Plans	1.7	1	Surplus: 2	1	
GHC Seattle	1.2	1	Surplus: 2	1	
Three HMOs					
Goodman	2.1	2	Surplus: 1	2	
Hicks & Glenn	1.4	1	Surplus: 2	1	
Solucient	1.8	1	Surplus: 2	1	
Average Requirement	1.9	1	Surplus: 2	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
OB/GYN		78,000	11	14.1	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	11	Adequate 0	12	
Two Mature HMO	12.1	9	Surplus: 2	10	
Adjusted FTE	11.3	9	Surplus: 2	9	
GMENAC	9.9	8	Surplus: 3	8	
Kaiser Portland	11.6	9	Surplus: 2	10	
7 Kaiser Plans	11.5	9	Surplus: 2	9	
GHC Seattle	10.0	8	Surplus: 3	8	
Three HMOs	8.8	7	Surplus: 4	7	
Goodman	8.4	7	Surplus: 4	7	
Hicks & Glenn	8.0	6	Surplus: 5	7	
Solucient	10.2	8	Surplus: 3	8	
Average Requirement	10.2	8	Surplus: 3	8	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Ophthalmology		78,000	3	3.8	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	5	Deficit: -2	5	
Two Mature HMO	5.9	5	Deficit: -2	5	
Adjusted FTE	5.5	4	Deficit: -1	5	
GMENAC	4.6	4	Deficit: -1	4	
Kaiser Portland	2.4	2	Surplus: 1	2	
7 Kaiser Plans	3.1	2	Surplus: 1	3	
GHC Seattle	5.0	4	Deficit: -1	4	
Three HMOs					
Goodman	3.5	3	Adequate 0	3	
Hicks & Glenn	3.2	2	Surplus: 1	3	
Solucient	4.7	4	Deficit: -1	4	
Average Requirement	4.2	3	Adequate 0	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Orthopedic Surgery		78,000	4	5.1	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	6	Deficit: -2	7	
Two Mature HMO	6.8	5	Deficit: -1	6	
Adjusted FTE	6.4	5	Deficit: -1	5	
GMENAC	6.0	5	Deficit: -1	5	
Kaiser Portland	5.9	5	Deficit: -1	5	
7 Kaiser Plans	4.2	3	Surplus: 1	3	
GHC Seattle	6.7	5	Deficit: -1	5	
Three HMOs	3.0	2	Surplus: 2	2	
Goodman	5.9	5	Deficit: -1	5	
Hicks & Glenn	4.2	3	Surplus: 1	3	
Solucient	6.1	5	Deficit: -1	5	
Average Requirement	5.5	4	Adequate 0	5	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Otolaryngology		78,000	3	3.8	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	3	Adequate 0	3	
Two Mature HMO	3.2	2	Surplus: 1	3	
Adjusted FTE					
GMENAC	3.2	2	Surplus: 1	3	
Kaiser Portland	3.4	3	Adequate 0	3	
7 Kaiser Plans	2.4	2	Surplus: 1	2	
GHC Seattle	3.0	2	Surplus: 1	2	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	2	Surplus: 1	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pathology		78,000	2	2.6	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	5	Deficit: -3	5	
Two Mature HMO	1.9	1	Surplus: 1	2	
Adjusted FTE	1.8	1	Surplus: 1	1	
GMENAC	6.4	5	Deficit: -3	5	
Kaiser Portland	3.3	3	Deficit: -1	3	
7 Kaiser Plans	1.8	1	Surplus: 1	1	
GHC Seattle					
Three HMOs					
Goodman	4.1	3	Deficit: -1	3	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	2	Adequate 0	3	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Pediatrics		78,000	13	16.7	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	19	Deficit: -6	20	
Two Mature HMO	16.6	13	Adequate 0	14	
Adjusted FTE	15.5	12	Surplus: 1	13	
GMENAC	12.4	10	Surplus: 3	10	
Kaiser Portland	11.9	9	Surplus: 4	10	
7 Kaiser Plans	16.0	12	Surplus: 1	13	
GHC Seattle					
Three HMOs	9.8	8	Surplus: 5	8	
Goodman					
Hicks & Glenn	7.6	6	Surplus: 7	6	
Solucient	13.9	11	Surplus: 2	11	
Average Requirement	13.0	10	Surplus: 3	11	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Plastic Surgery		78,000	1	1.3	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	2	Deficit: -1	2	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	1	Adequate 0	1	
Kaiser Portland	0.3	0	Surplus: 1	0	
7 Kaiser Plans					
GHC Seattle	0.4	0	Surplus: 1	0	
Three HMOs					
Goodman	1.1	1	Adequate 0	1	
Hicks & Glenn	2.3	2	Deficit: -1	2	
Solucient	2.2	2	Deficit: -1	2	
Average Requirement	1.2	1	Adequate 0	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Psychiatry		78,000	6	7.7	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	11	Deficit: -5	11	
Two Mature HMO	7.7	6	Adequate 0	6	
Adjusted FTE	7.2	6	Adequate 0	6	
GMENAC	15.4	12	Deficit: -6	13	
Kaiser Portland	5.2	4	Surplus: 2	4	
7 Kaiser Plans	4.1	3	Surplus: 3	3	
GHC Seattle					
Three HMOs					
Goodman	7.2	6	Adequate 0	6	
Hicks & Glenn	3.9	3	Surplus: 3	3	
Solucient	5.7	4	Surplus: 2	5	
Average Requirement	7.1	6	Adequate 0	6	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Radiology		78,000	4	5.1	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	9	Deficit: -5	9	
Two Mature HMO	13.6	11	Deficit: -7	11	
Adjusted FTE	13.7	11	Deficit: -7	11	
GMENAC	7.7	6	Deficit: -2	6	
Kaiser Portland	8.5	7	Deficit: -3	7	
7 Kaiser Plans	4.7	4	Adequate 0	4	
GHC Seattle	7.7	6	Deficit: -2	6	
Three HMOs					
Goodman	8.0	6	Deficit: -2	7	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	7	Deficit: -3	7	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
General Surgery		78,000	7	9.0	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	12.5	10	Deficit: -3		10
Two Mature HMO	9.4	7	Adequate 0		8
Adjusted FTE	8.8	7	Adequate 0		7
GMENAC	9.7	8	Deficit: -1		8
Kaiser Portland	7.0	5	Surplus: 2		6
7 Kaiser Plans	6.2	5	Surplus: 2		5
GHC Seattle	5.9	5	Surplus: 2		5
Three HMOs	4.2	3	Surplus: 4		3
Goodman	9.7	8	Deficit: -1		8
Hicks & Glenn	4.1	3	Surplus: 4		3
Solucient	6.0	5	Surplus: 2		5
Average Requirement	7.1	6	Surplus: 1		6

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Urology		78,000	4	5.1	82,028
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	3.5	3	Surplus: 1		3
Two Mature HMO	3.5	3	Surplus: 1		3
Adjusted FTE	3.3	3	Surplus: 1		3
GMENAC	3.1	2	Surplus: 2		3
Kaiser Portland	3.3	3	Surplus: 1		3
7 Kaiser Plans	2.3	2	Surplus: 2		2
GHC Seattle	2.9	2	Surplus: 2		2
Three HMOs					
Goodman	2.6	2	Surplus: 2		2
Hicks & Glenn	1.9	1	Surplus: 3		2
Solucient	2.9	2	Surplus: 2		2
Average Requirement	2.9	2	Surplus: 2		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.
- (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.
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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.
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