

9 SCSA Physician Standard Report

Included Counties: Appling, Bleckley, Candler, Dodge, Emanuel, Jeff Davis, Johnson, Laurens, Montgomery, Telfair, Toombs, Treutlen, Wayne, Wheeler, Wilcox

		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Anesthesiology		249,398	15	6.0	249,383	27
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.8	34	Deficit: -19	34	Deficit: -7	
Two Mature HMO	9.7	24	Deficit: -9	24	Surplus: 3	
Adjusted FTE	9.1	23	Deficit: -8	23	Surplus: 4	
GMENAC	8.9	22	Deficit: -7	22	Surplus: 5	
Kaiser Portland	5.9	15	Adequate 0	15	Surplus: 12	
7 Kaiser Plans	3.9	10	Surplus: 5	10	Surplus: 17	
GMH Seattle	9.0	22	Deficit: -7	22	Surplus: 5	
Three HMOs						
Average Requirement	7.8	19	Deficit: -4	19	Surplus: 8	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Cardiovascular Diseases		249,398	6	2.4	249,383	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	7.5	19	Deficit: -13	19	Deficit: -8	
Two Mature HMO	5.4	13	Deficit: -7	13	Deficit: -2	
Adjusted FTE	5.0	12	Deficit: -6	12	Deficit: -1	
GMENAC	3.1	8	Deficit: -2	8	Surplus: 3	
Kaiser Portland	3.0	7	Deficit: -1	7	Surplus: 4	
7 Kaiser Plans	1.8	4	Surplus: 2	4	Surplus: 7	
GMH Seattle	2.9	7	Deficit: -1	7	Surplus: 4	
Three HMOs						
Average Requirement	3.5	9	Deficit: -3	9	Surplus: 2	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Dermatology		249,398	2	0.8	249,383	4
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.6	9	Deficit: -7	9	Deficit: -5	
Two Mature HMO	2.8	7	Deficit: -5	7	Deficit: -3	
Adjusted FTE	2.6	6	Deficit: -4	6	Deficit: -2	
GMENAC	2.8	7	Deficit: -5	7	Deficit: -3	
Kaiser Portland	2.5	6	Deficit: -4	6	Deficit: -2	
7 Kaiser Plans	2.4	6	Deficit: -4	6	Deficit: -2	
GMH Seattle	2.6	6	Deficit: -4	6	Deficit: -2	
Three HMOs	1.6	4	Deficit: -2	4	Adequate 0	
Average Requirement	2.5	6	Deficit: -4	6	Deficit: -2	

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		2006 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Emergency Medicine		249,398	14	5.6	249,383	25	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	10.0	25	Deficit: -11		25	Adequate 0	
Two Mature HMO	5.5	14	Adequate 0		14	Surplus: 11	
Adjusted FTE	5.2	13	Surplus: 1		13	Surplus: 12	
GMENAC	5.4	13	Surplus: 1		13	Surplus: 12	
Kaiser Portland	6.7	17	Deficit: -3		17	Surplus: 8	
7 Kaiser Plans	5.3	13	Surplus: 1		13	Surplus: 12	
GMH Seattle							
Three HMOs							
Average Requirement	5.6	14	Adequate 0		14	Surplus: 11	
		2006 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Family Practice		249,398	78	31.3	249,383	140	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	27.7	69	Surplus: 9		69	Surplus: 71	
Two Mature HMO	45.6	114	Deficit: -36		114	Surplus: 26	
Adjusted FTE	42.6	106	Deficit: -28		106	Surplus: 34	
GMENAC	25.2	63	Surplus: 15		63	Surplus: 77	
Kaiser Portland	16.7	42	Surplus: 36		42	Surplus: 98	
7 Kaiser Plans	11.0	27	Surplus: 51		27	Surplus: 113	
GMH Seattle							
Three HMOs	9.2	23	Surplus: 55		23	Surplus: 117	
Average Requirement	25.1	63	Surplus: 15		63	Surplus: 77	
		2006 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Gastroenterology		249,398	2	0.8	249,383	4	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	4.1	10	Deficit: -8		10	Deficit: -6	
Two Mature HMO							
Adjusted FTE							
GMENAC							
Kaiser Portland							
7 Kaiser Plans							
GMH Seattle							
Three HMOs							
Average Requirement							

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		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Infectious Disease		249,398	1	0.4	249,383	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.1	5	Deficit: -4	5	Deficit: -3	
Two Mature HMO	0.7	2	Deficit: -1	2	Adequate 0	
Adjusted FTE	0.6	1	Adequate 0	1	Surplus: 1	
GMENAC	0.9	2	Deficit: -1	2	Adequate 0	
Kaiser Portland	1.2	3	Deficit: -2	3	Deficit: -1	
7 Kaiser Plans	0.7	2	Deficit: -1	2	Adequate 0	
GMH Seattle	0.6	1	Adequate 0	1	Surplus: 1	
Three HMOs						
Average Requirement	0.8	2	Deficit: -1	2	Adequate 0	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Internal Medicine		249,398	65	26.1	249,383	117
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	52.0	130	Deficit: -65	130	Deficit: -13	
Two Mature HMO	21.4	53	Surplus: 12	53	Surplus: 64	
Adjusted FTE	20.0	50	Surplus: 15	50	Surplus: 67	
GMENAC	28.8	72	Deficit: -7	72	Surplus: 45	
Kaiser Portland	28.1	70	Deficit: -5	70	Surplus: 47	
7 Kaiser Plans	30.3	76	Deficit: -11	76	Surplus: 41	
GMH Seattle						
Three HMOs	16.7	42	Surplus: 23	42	Surplus: 75	
Average Requirement	24.2	60	Surplus: 5	60	Surplus: 57	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Nephrology		249,398	1	0.4	249,383	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.5	6	Deficit: -5	6	Deficit: -4	
Two Mature HMO	1.4	3	Deficit: -2	3	Deficit: -1	
Adjusted FTE	1.3	3	Deficit: -2	3	Deficit: -1	
GMENAC	1.1	3	Deficit: -2	3	Deficit: -1	
Kaiser Portland	0.8	2	Deficit: -1	2	Adequate 0	
7 Kaiser Plans	0.7	2	Deficit: -1	2	Adequate 0	
GMH Seattle	0.9	2	Deficit: -1	2	Adequate 0	
Three HMOs						
Average Requirement	1.0	2	Deficit: -1	2	Adequate 0	

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Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Neurology		249,398	3	1.2	249,383	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	4.9	12	Deficit: -9	12	Deficit: -7	
Two Mature HMO	2.4	6	Deficit: -3	6	Deficit: -1	
Adjusted FTE	2.3	6	Deficit: -3	6	Deficit: -1	
GMENAC	3.3	8	Deficit: -5	8	Deficit: -3	
Kaiser Portland	1.3	3	Adequate 0	3	Surplus: 2	
7 Kaiser Plans	1.7	4	Deficit: -1	4	Surplus: 1	
GMH Seattle	1.2	3	Adequate 0	3	Surplus: 2	
Three HMOs						
Average Requirement	2.0	5	Deficit: -2	5	Adequate 0	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
OB/GYN		249,398	23	9.2	249,383	41
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	14.1	35	Deficit: -12	35	Surplus: 6	
Two Mature HMO	12.1	30	Deficit: -7	30	Surplus: 11	
Adjusted FTE	11.3	28	Deficit: -5	28	Surplus: 13	
GMENAC	9.9	25	Deficit: -2	25	Surplus: 16	
Kaiser Portland	11.6	29	Deficit: -6	29	Surplus: 12	
7 Kaiser Plans	11.1	28	Deficit: -5	28	Surplus: 13	
GMH Seattle	10.0	25	Deficit: -2	25	Surplus: 16	
Three HMOs	8.8	22	Surplus: 1	22	Surplus: 19	
Average Requirement	10.7	27	Deficit: -4	27	Surplus: 14	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Ophthalmology		249,398	6	2.4	249,383	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	6.0	15	Deficit: -9	15	Deficit: -4	
Two Mature HMO	5.9	15	Deficit: -9	15	Deficit: -4	
Adjusted FTE	5.5	14	Deficit: -8	14	Deficit: -3	
GMENAC	4.6	11	Deficit: -5	11	Adequate 0	
Kaiser Portland	2.4	6	Adequate 0	6	Surplus: 5	
7 Kaiser Plans	3.1	8	Deficit: -2	8	Surplus: 3	
GMH Seattle	5.0	12	Deficit: -6	12	Deficit: -1	
Three HMOs						
Average Requirement	4.4	11	Deficit: -5	11	Adequate 0	

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				2006 Actual			2010 Projected		
Physician Specialty				Pop.	Phys.	/100k	Pop.	Physicians	
Orthopedic Surgery				249,398	10	4.0	249,383	18	
National Physician Standards		Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	Phys. Need	Status	
AMA		8.1	20	Deficit: -10	20	Deficit: -2			
Two Mature HMO		6.8	17	Deficit: -7	17	Surplus: 1			
Adjusted FTE		6.4	16	Deficit: -6	16	Surplus: 2			
GMENAC		6.0	15	Deficit: -5	15	Surplus: 3			
Kaiser Portland		5.9	15	Deficit: -5	15	Surplus: 3			
7 Kaiser Plans		4.2	10	Adequate 0	10	Surplus: 8			
GMH Seattle		6.7	17	Deficit: -7	17	Surplus: 1			
Three HMOs		3.0	7	Surplus: 3	7	Surplus: 11			
Average Requirement		5.6	14	Deficit: -4	14	Surplus: 4			
				2006 Actual			2010 Projected		
Physician Specialty				Pop.	Phys.	/100k	Pop.	Physicians	
Otolaryngology				249,398	5	2.0	249,383	9	
National Physician Standards		Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	Phys. Need	Status	
AMA		3.3	8	Deficit: -3	8	Surplus: 1			
Two Mature HMO		3.2	8	Deficit: -3	8	Surplus: 1			
Adjusted FTE									
GMENAC		3.2	8	Deficit: -3	8	Surplus: 1			
Kaiser Portland		3.4	8	Deficit: -3	8	Surplus: 1			
7 Kaiser Plans		2.4	6	Deficit: -1	6	Surplus: 3			
GMH Seattle		3.0	7	Deficit: -2	7	Surplus: 2			
Three HMOs									
Average Requirement		3.0	7	Deficit: -2	7	Surplus: 2			
				2006 Actual			2010 Projected		
Physician Specialty				Pop.	Phys.	/100k	Pop.	Physicians	
Pathology				249,398	5	2.0	249,383	9	
National Physician Standards		Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	Phys. Need	Status	
AMA		6.4	16	Deficit: -11	16	Deficit: -7			
Two Mature HMO		1.9	5	Adequate 0	5	Surplus: 4			
Adjusted FTE		1.8	4	Surplus: 1	4	Surplus: 5			
GMENAC		6.4	16	Deficit: -11	16	Deficit: -7			
Kaiser Portland		3.3	8	Deficit: -3	8	Surplus: 1			
7 Kaiser Plans		1.8	4	Surplus: 1	4	Surplus: 5			
GMH Seattle									
Three HMOs									
Average Requirement		3.0	7	Deficit: -2	7	Surplus: 2			

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		2006 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Pediatrics		249,398	26	10.4	249,383	47	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	24.5	61	Deficit: -35		61	Deficit: -14	
Two Mature HMO	16.6	41	Deficit: -15		41	Surplus: 6	
Adjusted FTE	15.5	39	Deficit: -13		39	Surplus: 8	
GMENAC	12.4	31	Deficit: -5		31	Surplus: 16	
Kaiser Portland	11.9	30	Deficit: -4		30	Surplus: 17	
7 Kaiser Plans	16.1	40	Deficit: -14		40	Surplus: 7	
GMH Seattle							
Three HMOs	9.8	24	Surplus: 2		24	Surplus: 23	
Average Requirement	13.7	34	Deficit: -8		34	Surplus: 13	
		2006 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Psychiatry		249,398	19	7.6	249,383	34	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	13.8	34	Deficit: -15		34	Adequate 0	
Two Mature HMO	7.7	19	Adequate 0		19	Surplus: 15	
Adjusted FTE	7.2	18	Surplus: 1		18	Surplus: 16	
GMENAC	15.4	38	Deficit: -19		38	Deficit: -4	
Kaiser Portland	5.2	13	Surplus: 6		13	Surplus: 21	
7 Kaiser Plans	4.1	10	Surplus: 9		10	Surplus: 24	
GMH Seattle							
Three HMOs							
Average Requirement	7.1	18	Surplus: 1		18	Surplus: 16	
		2006 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Pulmonary Diseases		249,398	2	0.8	249,383	4	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	3.4	8	Deficit: -6		8	Deficit: -4	
Two Mature HMO	2.0	5	Deficit: -3		5	Deficit: -1	
Adjusted FTE	1.9	5	Deficit: -3		5	Deficit: -1	
GMENAC	1.4	3	Deficit: -1		3	Surplus: 1	
Kaiser Portland	1.4	3	Deficit: -1		3	Surplus: 1	
7 Kaiser Plans	1.0	2	Adequate 0		2	Surplus: 2	
GMH Seattle	1.4	3	Deficit: -1		3	Surplus: 1	
Three HMOs							
Average Requirement	1.5	4	Deficit: -2		4	Adequate 0	

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		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Radiology		249,398	21	8.4	249,383	38
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	11.2	28	Deficit: -7	28	Surplus: 10	
Two Mature HMO	13.6	34	Deficit: -13	34	Surplus: 4	
Adjusted FTE	13.7	34	Deficit: -13	34	Surplus: 4	
GMENAC	7.7	19	Surplus: 2	19	Surplus: 19	
Kaiser Portland	8.5	21	Adequate 0	21	Surplus: 17	
7 Kaiser Plans	4.7	12	Surplus: 9	12	Surplus: 26	
GMH Seattle	7.7	19	Surplus: 2	19	Surplus: 19	
Three HMOs						
Average Requirement	9.3	23	Deficit: -2	23	Surplus: 15	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
General Surgery		249,398	18	7.2	249,383	32
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	12.5	31	Deficit: -13	31	Surplus: 1	
Two Mature HMO	9.4	23	Deficit: -5	23	Surplus: 9	
Adjusted FTE	8.8	22	Deficit: -4	22	Surplus: 10	
GMENAC	9.7	24	Deficit: -6	24	Surplus: 8	
Kaiser Portland	7.0	17	Surplus: 1	17	Surplus: 15	
7 Kaiser Plans	6.2	15	Surplus: 3	15	Surplus: 17	
GMH Seattle	5.9	15	Surplus: 3	15	Surplus: 17	
Three HMOs	4.2	10	Surplus: 8	10	Surplus: 22	
Average Requirement	7.3	18	Adequate 0	18	Surplus: 14	
		2006 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Thoracic Surgery		249,398	1	0.4	249,383	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	1.6	4	Deficit: -3	4	Deficit: -2	
Two Mature HMO						
Adjusted FTE						
GMENAC	0.8	2	Deficit: -1	2	Adequate 0	
Kaiser Portland						
7 Kaiser Plans	0.1	0	Surplus: 1	0	Surplus: 2	
GMH Seattle						
Three HMOs						
Average Requirement	0.5	1	Adequate 0	1	Surplus: 1	

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Physician Specialty	2006 Actual			2010 Projected	
	Pop.	Phys.	/100k	Pop.	Physicians
Urology	249,398	6	2.4	249,383	11
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status
AMA	3.5	9	Deficit: -3	9	Surplus: 2
Two Mature HMO	3.5	9	Deficit: -3	9	Surplus: 2
Adjusted FTE	3.3	8	Deficit: -2	8	Surplus: 3
GMENAC	3.1	8	Deficit: -2	8	Surplus: 3
Kaiser Portland	3.3	8	Deficit: -2	8	Surplus: 3
7 Kaiser Plans	2.3	6	Adequate 0	6	Surplus: 5
GMH Seattle	2.9	7	Deficit: -1	7	Surplus: 4
Three HMOs					
Average Requirement	3.1	8	Deficit: -2	8	Surplus: 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 U.S., 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. Rosenblat. 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 314:217-22

(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) American Medical Association. 2006 Physician characteristics and Distribution in the U.S., Dept. of Physician Practice and Communications Information, Division of Survey and Data Resources. 2005-2006.