

Lumpkin County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Anesthesiology		26,607	2	7.5	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	4	Deficit: -2	4	
Two Mature HMO	9.7	3	Deficit: -1	3	
Adjusted FTE	9.1	2	Adequate 0	3	
GMENAC	8.9	2	Adequate 0	3	
Kaiser Portland	5.9	2	Adequate 0	1	
7 Kaiser Plans	3.9	1	Surplus: 1	1	
GHC Seattle	9.0	2	Adequate 0	3	
Three HMOs					
Goodman	7.0	2	Adequate 0	2	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	2	Adequate 0	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Emergency Medicine		26,607	2	7.5	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	3	Deficit: -1	3	
Two Mature HMO	5.5	1	Surplus: 1	2	
Adjusted FTE	5.2	1	Surplus: 1	2	
GMENAC	5.4	1	Surplus: 1	2	
Kaiser Portland	6.7	2	Adequate 0	2	
7 Kaiser Plans	5.3	1	Surplus: 1	2	
GHC Seattle					
Three HMOs					
Goodman	2.7	1	Surplus: 1	1	
Hicks & Glenn					
Solucient	12.4	3	Deficit: -1	4	
Average Requirement	6.2	2	Adequate 0	2	

Lumpkin County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Family Practice		26,607	7	26.3	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	8	Deficit: -1	10	
Two Mature HMO	45.6	12	Deficit: -5	15	
Adjusted FTE	42.6	11	Deficit: -4	14	
GMENAC	25.2	7	Adequate 0	8	
Kaiser Portland	16.7	4	Surplus: 3	4	
7 Kaiser Plans	11.0	3	Surplus: 4	4	
GHC Seattle					
Three HMOs	9.2	2	Surplus: 5	3	
Goodman					
Hicks & Glenn	16.2	4	Surplus: 3	5	
Solucient	22.5	6	Surplus: 1	7	
Average Requirement	23.6	6	Surplus: 1	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Internal Medicine		26,607	2	7.5	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	14	Deficit: -12	17	
Two Mature HMO	21.4	6	Deficit: -4	7	
Adjusted FTE	20.0	5	Deficit: -3	6	
GMENAC	28.8	8	Deficit: -6	9	
Kaiser Portland	28.1	7	Deficit: -5	10	
7 Kaiser Plans	30.3	8	Deficit: -6	10	
GHC Seattle					
Three HMOs	16.7	4	Deficit: -2	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	

Lumpkin County Physician Standard Report

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
OB/GYN	26,607	2	7.5	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.1	4	Deficit: -2	5
Two Mature HMO	12.1	3	Deficit: -1	4
Adjusted FTE	11.3	3	Deficit: -1	4
GMENAC	9.9	3	Deficit: -1	3
Kaiser Portland	11.6	3	Deficit: -1	4
7 Kaiser Plans	11.5	3	Deficit: -1	4
GHC Seattle	10.0	3	Deficit: -1	3
Three HMOs	8.8	2	Adequate 0	3
Goodman	8.4	2	Adequate 0	3
Hicks & Glenn	8.0	2	Adequate 0	3
Solucient	10.2	3	Deficit: -1	3
Average Requirement	10.2	3	Deficit: -1	3

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Orthopedic Surgery	26,607	2	7.5	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	8.3	2	Adequate 0	3
Two Mature HMO	6.8	2	Adequate 0	2
Adjusted FTE	6.4	2	Adequate 0	2
GMENAC	6.0	2	Adequate 0	2
Kaiser Portland	5.9	2	Adequate 0	1
7 Kaiser Plans	4.2	1	Surplus: 1	1
GHC Seattle	6.7	2	Adequate 0	2
Three HMOs	3.0	1	Surplus: 1	1
Goodman	5.9	2	Adequate 0	2
Hicks & Glenn	4.2	1	Surplus: 1	1
Solucient	6.1	2	Adequate 0	2
Average Requirement	5.5	1	Surplus: 1	2

Lumpkin County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
Otolaryngology		26,607	2	7.5	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	3.4	1	Surplus:	1	1
Two Mature HMO	3.2	1	Surplus:	1	1
Adjusted FTE					
GMENAC	3.2	1	Surplus:	1	1
Kaiser Portland	3.4	1	Surplus:	1	1
7 Kaiser Plans	2.4	1	Surplus:	1	1
GHC Seattle	3.0	1	Surplus:	1	1
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	1	Surplus:	1	1

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
Pathology		26,607	1	3.8	32,119
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	0	Surplus:	1	1
GMENAC	6.4	2	Deficit:	-1	2
Kaiser Portland	3.3	1	Adequate	0	1
7 Kaiser Plans	1.8	0	Surplus:	1	1
GHC Seattle					
Three HMOs					
Goodman	4.1	1	Adequate	0	1
Hicks & Glenn					
Solucient					
Average Requirement	3.2	1	Adequate	0	1

Lumpkin County Physician Standard Report

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pediatrics	26,607	1	3.8	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	24.9	7	Deficit: -6	8
Two Mature HMO	16.6	4	Deficit: -3	5
Adjusted FTE	15.5	4	Deficit: -3	5
GMENAC	12.4	3	Deficit: -2	4
Kaiser Portland	11.9	3	Deficit: -2	5
7 Kaiser Plans	16.0	4	Deficit: -3	5
GHC Seattle				
Three HMOs	9.8	3	Deficit: -2	3
Goodman				
Hicks & Glenn	7.6	2	Deficit: -1	2
Solucient	13.9	4	Deficit: -3	4
Average Requirement	13.0	3	Deficit: -2	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Psychiatry	26,607	2	7.5	32,119
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	1	Surplus: 1	1
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

Lumpkin County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
Radiology		26,607	1	3.8	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	11.4	3	Deficit:	-2	4
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	2
7 Kaiser Plans	4.7	1	Adequate	0	2
GHC Seattle	7.7	2	Deficit:	-1	2
Three HMOs					
Goodman	8.0	2	Deficit:	-1	3
Hicks & Glenn					
Solucient					
Average Requirement	9.1	2	Deficit:	-1	3

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
General Surgery		26,607	3	11.3	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	12.5	3	Adequate	0	4
Two Mature HMO	9.4	3	Adequate	0	3
Adjusted FTE	8.8	2	Surplus:	1	3
GMENAC	9.7	3	Adequate	0	3
Kaiser Portland	7.0	2	Surplus:	1	2
7 Kaiser Plans	6.2	2	Surplus:	1	2
GHC Seattle	5.9	2	Surplus:	1	2
Three HMOs	4.2	1	Surplus:	2	1
Goodman	9.7	3	Adequate	0	3
Hicks & Glenn	4.1	1	Surplus:	2	1
Solucient	6.0	2	Surplus:	1	2
Average Requirement	7.1	2	Surplus:	1	2

Lumpkin County Physician Standard Report

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	26,607	1	3.8	32,119
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	1	Adequate 0	1
Two Mature HMO	3.5	1	Adequate 0	1
Adjusted FTE	3.3	1	Adequate 0	1
GMENAC	3.1	1	Adequate 0	1
Kaiser Portland	3.3	1	Adequate 0	1
7 Kaiser Plans	2.3	1	Adequate 0	1
GHC Seattle	2.9	1	Adequate 0	1
Three HMOs				
Goodman	2.6	1	Adequate 0	1
Hicks & Glenn	1.9	1	Adequate 0	1
Solucient	2.9	1	Adequate 0	1
Average Requirement	2.9	1	Adequate 0	1

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.