

20 PCSA Physician Standard Report

Included Counties: Douglas

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Anesthesiology		112,465	7	6.2	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	16	Deficit: -9	17	
Two Mature HMO	9.7	11	Deficit: -4	12	
Adjusted FTE	9.1	10	Deficit: -3	11	
GMENAC	8.9	10	Deficit: -3	11	
Kaiser Portland	5.9	7	Adequate 0	7	
7 Kaiser Plans	3.9	4	Surplus: 3	5	
GHC Seattle	9.0	10	Deficit: -3	11	
Three HMOs					
Goodman	7.0	8	Deficit: -1	8	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	9	Deficit: -2	9	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Cardiovascular Diseases		112,465	4	3.6	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	8	Deficit: -4	9	
Two Mature HMO	5.4	6	Deficit: -2	6	
Adjusted FTE	5.0	6	Deficit: -2	6	
GMENAC	3.1	3	Surplus: 1	4	
Kaiser Portland	3.0	3	Surplus: 1	4	
7 Kaiser Plans	1.8	2	Surplus: 2	2	
GHC Seattle	2.9	3	Surplus: 1	3	
Three HMOs					
Goodman	3.6	4	Adequate 0	4	
Hicks & Glenn	2.6	3	Surplus: 1	3	
Solucient	4.2	5	Deficit: -1	5	
Average Requirement	3.5	4	Adequate 0	4	

20 PCSA Physician Standard Report

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Dermatology		112,465	2	1.8	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	4	Deficit: -2	4	
Two Mature HMO	2.8	3	Deficit: -1	3	
Adjusted FTE	2.6	3	Deficit: -1	3	
GMENAC	2.8	3	Deficit: -1	3	
Kaiser Portland	2.5	3	Deficit: -1	3	
7 Kaiser Plans	2.4	3	Deficit: -1	3	
GHC Seattle	2.6	3	Deficit: -1	3	
Three HMOs	1.6	2	Adequate 0	2	
Goodman	1.4	2	Adequate 0	2	
Hicks & Glenn	2.1	2	Adequate 0	3	
Solucient	3.1	4	Deficit: -2	4	
Average Requirement	2.4	3	Deficit: -1	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Emergency Medicine		112,465	5	4.4	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	12	Deficit: -7	13	
Two Mature HMO	5.5	6	Deficit: -1	7	
Adjusted FTE	5.2	6	Deficit: -1	6	
GMENAC	5.4	6	Deficit: -1	6	
Kaiser Portland	6.7	8	Deficit: -3	8	
7 Kaiser Plans	5.3	6	Deficit: -1	6	
GHC Seattle					
Three HMOs					
Goodman	2.7	3	Surplus: 2	3	
Hicks & Glenn					
Solucient	12.4	14	Deficit: -9	15	
Average Requirement	6.2	7	Deficit: -2	7	

20 PCSA Physician Standard Report

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Family Practice		112,465	20	17.8	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	35	Deficit: -15	38	
Two Mature HMO	45.6	51	Deficit: -31	54	
Adjusted FTE	42.6	48	Deficit: -28	51	
GMENAC	25.2	28	Deficit: -8	30	
Kaiser Portland	16.7	19	Surplus: 1	20	
7 Kaiser Plans	11.0	12	Surplus: 8	13	
GHC Seattle					
Three HMOs	9.2	10	Surplus: 10	11	
Goodman					
Hicks & Glenn	16.2	18	Surplus: 2	19	
Solucient	22.5	25	Deficit: -5	27	
Average Requirement	23.6	27	Deficit: -7	28	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Gastroenterology		112,465	3	2.7	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	5	Deficit: -2	5	
Two Mature HMO	3.1	3	Adequate 0	4	
Adjusted FTE					
GMENAC	3.2	4	Deficit: -1	4	
Kaiser Portland	1.7	2	Surplus: 1	2	
7 Kaiser Plans	1.7	2	Surplus: 1	2	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Surplus: 2	2	
Hicks & Glenn					
Solucient	3.5	4	Deficit: -1	4	
Average Requirement	2.4	3	Adequate 0	3	

20 PCSA Physician Standard Report

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		112,465	22	19.6	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	60	Deficit: -38	63	
Two Mature HMO	21.4	24	Deficit: -2	26	
Adjusted FTE	20.0	22	Adequate 0	24	
GMENAC	28.8	32	Deficit: -10	34	
Kaiser Portland	28.1	32	Deficit: -10	34	
7 Kaiser Plans	30.3	34	Deficit: -12	36	
GHC Seattle					
Three HMOs	16.7	19	Surplus: 3	20	
Goodman					
Hicks & Glenn	11.3	13	Surplus: 9	13	
Solucient	19.0	21	Surplus: 1	23	
Average Requirement	22.0	25	Deficit: -3	26	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Nephrology		112,465	2	1.8	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	3	Deficit: -1	3	
Two Mature HMO	1.4	2	Adequate 0	2	
Adjusted FTE	1.3	1	Surplus: 1	2	
GMENAC	1.1	1	Surplus: 1	1	
Kaiser Portland	0.8	1	Surplus: 1	1	
7 Kaiser Plans	0.7	1	Surplus: 1	1	
GHC Seattle	0.9	1	Surplus: 1	1	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	1	Surplus: 1	1	
Average Requirement	1.0	1	Surplus: 1	1	

20 PCSA Physician Standard Report

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Neurology		112,465	3	2.7	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	6	Deficit: -3	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	1	
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	Status	Population
OB/GYN		112,465	9	8.0	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	16	Deficit: -7	17	
Two Mature HMO	12.1	14	Deficit: -5	14	
Adjusted FTE	11.3	13	Deficit: -4	13	
GMENAC	9.9	11	Deficit: -2	12	
Kaiser Portland	11.6	13	Deficit: -4	14	
7 Kaiser Plans	11.5	13	Deficit: -4	14	
GHC Seattle	10.0	11	Deficit: -2	12	
Three HMOs	8.8	10	Deficit: -1	10	
Goodman	8.4	9	Adequate 0	10	
Hicks & Glenn	8.0	9	Adequate 0	10	
Solucient	10.2	11	Deficit: -2	12	
Average Requirement	10.2	11	Deficit: -2	12	

20 PCSA Physician Standard Report

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Ophthalmology		112,465	6	5.3	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	6.0	7	Deficit: -1		7
Two Mature HMO	5.9	7	Deficit: -1		7
Adjusted FTE	5.5	6	Adequate 0		7
GMENAC	4.6	5	Surplus: 1		5
Kaiser Portland	2.4	3	Surplus: 3		3
7 Kaiser Plans	3.1	3	Surplus: 3		4
GHC Seattle	5.0	6	Adequate 0		6
Three HMOs					
Goodman	3.5	4	Surplus: 2		4
Hicks & Glenn	3.2	4	Surplus: 2		4
Solucient	4.7	5	Surplus: 1		6
Average Requirement	4.2	5	Surplus: 1		5

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Orthopedic Surgery		112,465	1	0.9	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	8.3	9	Deficit: -8		10
Two Mature HMO	6.8	8	Deficit: -7		8
Adjusted FTE	6.4	7	Deficit: -6		8
GMENAC	6.0	7	Deficit: -6		7
Kaiser Portland	5.9	7	Deficit: -6		7
7 Kaiser Plans	4.2	5	Deficit: -4		5
GHC Seattle	6.7	8	Deficit: -7		8
Three HMOs	3.0	3	Deficit: -2		4
Goodman	5.9	7	Deficit: -6		7
Hicks & Glenn	4.2	5	Deficit: -4		5
Solucient	6.1	7	Deficit: -6		7
Average Requirement	5.5	6	Deficit: -5		7

20 PCSA Physician Standard Report

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Otolaryngology	112,465	4	3.6	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	4	Adequate 0	4
Two Mature HMO	3.2	4	Adequate 0	4
Adjusted FTE				
GMENAC	3.2	4	Adequate 0	4
Kaiser Portland	3.4	4	Adequate 0	4
7 Kaiser Plans	2.4	3	Surplus: 1	3
GHC Seattle	3.0	3	Surplus: 1	4
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	3	Surplus: 1	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pathology	112,465	1	0.9	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.3	7	Deficit: -6	8
Two Mature HMO	1.9	2	Deficit: -1	2
Adjusted FTE	1.8	2	Deficit: -1	2
GMENAC	6.4	7	Deficit: -6	8
Kaiser Portland	3.3	4	Deficit: -3	4
7 Kaiser Plans	1.8	2	Deficit: -1	2
GHC Seattle				
Three HMOs				
Goodman	4.1	5	Deficit: -4	5
Hicks & Glenn				
Solucient				
Average Requirement	3.2	4	Deficit: -3	4

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pediatrics		112,465	23	20.5	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	28	Deficit: -5	30	
Two Mature HMO	16.6	19	Surplus: 4	20	
Adjusted FTE	15.5	17	Surplus: 6	18	
GMENAC	12.4	14	Surplus: 9	15	
Kaiser Portland	11.9	13	Surplus: 10	14	
7 Kaiser Plans	16.0	18	Surplus: 5	19	
GHC Seattle					
Three HMOs	9.8	11	Surplus: 12	12	
Goodman					
Hicks & Glenn	7.6	9	Surplus: 14	9	
Solucient	13.9	16	Surplus: 7	17	
Average Requirement	13.0	15	Surplus: 8	16	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Psychiatry		112,465	5	4.4	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	15	Deficit: -10	16	
Two Mature HMO	7.7	9	Deficit: -4	9	
Adjusted FTE	7.2	8	Deficit: -3	9	
GMENAC	15.4	17	Deficit: -12	18	
Kaiser Portland	5.2	6	Deficit: -1	6	
7 Kaiser Plans	4.1	5	Adequate 0	5	
GHC Seattle					
Three HMOs					
Goodman	7.2	8	Deficit: -3	9	
Hicks & Glenn	3.9	4	Surplus: 1	5	
Solucient	5.7	6	Deficit: -1	7	
Average Requirement	7.1	8	Deficit: -3	8	

20 PCSA Physician Standard Report

Included Counties: Douglas

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Pulmonary Diseases		112,465	2	1.8	119,235
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		2
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		Population
Radiology		112,465	3	2.7	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	11.4	13	Deficit: -10		14
Two Mature HMO	13.6	15	Deficit: -12		16
Adjusted FTE	13.7	15	Deficit: -12		16
GMENAC	7.7	9	Deficit: -6		9
Kaiser Portland	8.5	10	Deficit: -7		10
7 Kaiser Plans	4.7	5	Deficit: -2		6
GHC Seattle	7.7	9	Deficit: -6		9
Three HMOs					
Goodman	8.0	9	Deficit: -6		10
Hicks & Glenn					
Solucient					
Average Requirement	9.1	10	Deficit: -7		11

20 PCSA Physician Standard Report

Included Counties: Douglas

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
General Surgery		112,465	5	4.4	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	14	Deficit: -9	15	
Two Mature HMO	9.4	11	Deficit: -6	11	
Adjusted FTE	8.8	10	Deficit: -5	10	
GMENAC	9.7	11	Deficit: -6	12	
Kaiser Portland	7.0	8	Deficit: -3	8	
7 Kaiser Plans	6.2	7	Deficit: -2	7	
GHC Seattle	5.9	7	Deficit: -2	7	
Three HMOs	4.2	5	Adequate 0	5	
Goodman	9.7	11	Deficit: -6	12	
Hicks & Glenn	4.1	5	Adequate 0	5	
Solucient	6.0	7	Deficit: -2	7	
Average Requirement	7.1	8	Deficit: -3	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Thoracic Surgery		112,465	1	0.9	119,235
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	2	Deficit: -1	2	
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	1	Adequate 0	1	
Kaiser Portland	0.1	0	Surplus: 1	0	
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.5	1	Adequate 0	1	

20 PCSA Physician Standard Report

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	112,465	2	1.8	119,235
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	3
Three HMOs				
Goodman	2.6	3	Deficit: -1	3
Hicks & Glenn	1.9	2	Adequate 0	2
Solucient	2.9	3	Deficit: -1	3
Average Requirement	2.9	3	Deficit: -1	3

Report created by Georgia Board for Physician Workforce, State of Georgia

*Standards are presented as rates per 100,000 population

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- (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.
- (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.
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