

40 PCSA Physician Standard Report

Included Counties: Fayette

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Allergy & Immunology		102,662	2	1.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.4	1	Surplus: 1	2	
Two Mature HMO	1.5	2	Adequate 0	2	
Adjusted FTE	1.4	1	Surplus: 1	2	
GMENAC	0.8	1	Surplus: 1	1	
Kaiser Portland	1.7	2	Adequate 0	2	
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	2	
Hicks & Glenn					
Solucient	1.7	2	Adequate 0	2	
Average Requirement	1.3	1	Surplus: 1	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Anesthesiology		102,662	2	1.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	14	Deficit: -12	17	
Two Mature HMO	9.7	10	Deficit: -8	12	
Adjusted FTE	9.1	9	Deficit: -7	11	
GMENAC	8.9	9	Deficit: -7	11	
Kaiser Portland	5.9	6	Deficit: -4	7	
7 Kaiser Plans	3.9	4	Deficit: -2	5	
GHC Seattle	9.0	9	Deficit: -7	11	
Three HMOs					
Goodman	7.0	7	Deficit: -5	8	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	8	Deficit: -6	9	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Cardiovascular Diseases		102,662	5	4.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	8	Deficit: -3	9	
Two Mature HMO	5.4	6	Deficit: -1	7	
Adjusted FTE	5.0	5	Adequate 0	6	
GMENAC	3.1	3	Surplus: 2	4	
Kaiser Portland	3.0	3	Surplus: 2	4	
7 Kaiser Plans	1.8	2	Surplus: 3	2	
GHC Seattle	2.9	3	Surplus: 2	4	
Three HMOs					
Goodman	3.6	4	Surplus: 1	4	
Hicks & Glenn	2.6	3	Surplus: 2	3	
Solucient	4.2	4	Surplus: 1	5	
Average Requirement	3.5	4	Surplus: 1	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Dermatology		102,662	5	4.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	4	Surplus: 1	4	
Two Mature HMO	2.8	3	Surplus: 2	3	
Adjusted FTE	2.6	3	Surplus: 2	3	
GMENAC	2.8	3	Surplus: 2	3	
Kaiser Portland	2.5	3	Surplus: 2	3	
7 Kaiser Plans	2.4	2	Surplus: 3	3	
GHC Seattle	2.6	3	Surplus: 2	3	
Three HMOs	1.6	2	Surplus: 3	2	
Goodman	1.4	1	Surplus: 4	2	
Hicks & Glenn	2.1	2	Surplus: 3	3	
Solucient	3.1	3	Surplus: 2	4	
Average Requirement	2.4	2	Surplus: 3	3	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		102,662	10	9.7	121,156
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	5	Surplus: 5	6	
GMENAC	5.4	6	Surplus: 4	7	
Kaiser Portland	6.7	7	Surplus: 3	8	
7 Kaiser Plans	5.3	5	Surplus: 5	6	
GHC Seattle					
Three HMOs					
Goodman	2.7	3	Surplus: 7	3	
Hicks & Glenn					
Solucient	12.4	13	Deficit: -3	15	
Average Requirement	6.2	6	Surplus: 4	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		102,662	32	31.2	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	32	Adequate 0	38	
Two Mature HMO	45.6	47	Deficit: -15	55	
Adjusted FTE	42.6	44	Deficit: -12	52	
GMENAC	25.2	26	Surplus: 6	31	
Kaiser Portland	16.7	17	Surplus: 15	20	
7 Kaiser Plans	11.0	11	Surplus: 21	13	
GHC Seattle					
Three HMOs	9.2	9	Surplus: 23	11	
Goodman					
Hicks & Glenn	16.2	17	Surplus: 15	20	
Solucient	22.5	23	Surplus: 9	27	
Average Requirement	23.6	24	Surplus: 8	29	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Gastroenterology		102,662	6	5.8	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	4	Surplus: 2	5	
Two Mature HMO	3.1	3	Surplus: 3	4	
Adjusted FTE					
GMENAC	3.2	3	Surplus: 3	4	
Kaiser Portland	1.7	2	Surplus: 4	2	
7 Kaiser Plans	1.7	2	Surplus: 4	2	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Surplus: 5	2	
Hicks & Glenn					
Solucient	3.5	4	Surplus: 2	4	
Average Requirement	2.4	2	Surplus: 4	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Infectious Disease		102,662	2	1.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.2	2	Adequate 0	3	
Two Mature HMO	0.7	1	Surplus: 1	1	
Adjusted FTE	0.6	1	Surplus: 1	1	
GMENAC	0.9	1	Surplus: 1	1	
Kaiser Portland	1.2	1	Surplus: 1	1	
7 Kaiser Plans	0.7	1	Surplus: 1	1	
GHC Seattle	0.6	1	Surplus: 1	1	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.8	1	Surplus: 1	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		102,662	40	39.0	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	55	Deficit: -15	64	
Two Mature HMO	21.4	22	Surplus: 18	26	
Adjusted FTE	20.0	21	Surplus: 19	24	
GMENAC	28.8	30	Surplus: 10	35	
Kaiser Portland	28.1	29	Surplus: 11	34	
7 Kaiser Plans	30.3	31	Surplus: 9	37	
GHC Seattle					
Three HMOs	16.7	17	Surplus: 23	20	
Goodman					
Hicks & Glenn	11.3	12	Surplus: 28	14	
Solucient	19.0	20	Surplus: 20	23	
Average Requirement	22.0	23	Surplus: 17	27	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Nephrology		102,662	2	1.9	121,156
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	1	Surplus: 1	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	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Neurology		102,662	3	2.9	121,156
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	2	Surplus: 1	3	
Adjusted FTE	2.3	2	Surplus: 1	3	
GMENAC	3.3	3	Adequate 0	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	1	Surplus: 2	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	Population	
OB/GYN		102,662	22	21.4	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	14	Surplus: 8	17	
Two Mature HMO	12.1	12	Surplus: 10	15	
Adjusted FTE	11.3	12	Surplus: 10	14	
GMENAC	9.9	10	Surplus: 12	12	
Kaiser Portland	11.6	12	Surplus: 10	14	
7 Kaiser Plans	11.5	12	Surplus: 10	14	
GHC Seattle	10.0	10	Surplus: 12	12	
Three HMOs	8.8	9	Surplus: 13	11	
Goodman	8.4	9	Surplus: 13	10	
Hicks & Glenn	8.0	8	Surplus: 14	10	
Solucient	10.2	10	Surplus: 12	12	
Average Requirement	10.2	10	Surplus: 12	12	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Ophthalmology		102,662	4	3.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	6	Deficit: -2	7	
Two Mature HMO	5.9	6	Deficit: -2	7	
Adjusted FTE	5.5	6	Deficit: -2	7	
GMENAC	4.6	5	Deficit: -1	6	
Kaiser Portland	2.4	2	Surplus: 2	3	
7 Kaiser Plans	3.1	3	Surplus: 1	4	
GHC Seattle	5.0	5	Deficit: -1	6	
Three HMOs					
Goodman	3.5	4	Adequate 0	4	
Hicks & Glenn	3.2	3	Surplus: 1	4	
Solucient	4.7	5	Deficit: -1	6	
Average Requirement	4.2	4	Adequate 0	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Orthopedic Surgery		102,662	9	8.8	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	9	Adequate 0	10	
Two Mature HMO	6.8	7	Surplus: 2	8	
Adjusted FTE	6.4	7	Surplus: 2	8	
GMENAC	6.0	6	Surplus: 3	7	
Kaiser Portland	5.9	6	Surplus: 3	7	
7 Kaiser Plans	4.2	4	Surplus: 5	5	
GHC Seattle	6.7	7	Surplus: 2	8	
Three HMOs	3.0	3	Surplus: 6	4	
Goodman	5.9	6	Surplus: 3	7	
Hicks & Glenn	4.2	4	Surplus: 5	5	
Solucient	6.1	6	Surplus: 3	7	
Average Requirement	5.5	6	Surplus: 3	7	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Otolaryngology	102,662	1	1.0	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	3	Deficit: -2	4
Two Mature HMO	3.2	3	Deficit: -2	4
Adjusted FTE				
GMENAC	3.2	3	Deficit: -2	4
Kaiser Portland	3.4	3	Deficit: -2	4
7 Kaiser Plans	2.4	2	Deficit: -1	3
GHC Seattle	3.0	3	Deficit: -2	4
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	3	Deficit: -2	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pediatrics	102,662	23	22.4	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	24.9	26	Deficit: -3	30
Two Mature HMO	16.6	17	Surplus: 6	20
Adjusted FTE	15.5	16	Surplus: 7	19
GMENAC	12.4	13	Surplus: 10	15
Kaiser Portland	11.9	12	Surplus: 11	14
7 Kaiser Plans	16.0	16	Surplus: 7	19
GHC Seattle				
Three HMOs	9.8	10	Surplus: 13	12
Goodman				
Hicks & Glenn	7.6	8	Surplus: 15	9
Solucient	13.9	14	Surplus: 9	17
Average Requirement	13.0	13	Surplus: 10	16

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Plastic Surgery		102,662	2	1.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	2	Adequate 0	3	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	1	Surplus: 1	1	
Kaiser Portland	0.3	0	Surplus: 2	0	
7 Kaiser Plans					
GHC Seattle	0.4	0	Surplus: 2	0	
Three HMOs					
Goodman	1.1	1	Surplus: 1	1	
Hicks & Glenn	2.3	2	Adequate 0	3	
Solucient	2.2	2	Adequate 0	3	
Average Requirement		1	Surplus: 1	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Psychiatry		102,662	6	5.8	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	14	Deficit: -8	16	
Two Mature HMO		8	Deficit: -2	9	
Adjusted FTE		7	Deficit: -1	9	
GMENAC	15.4	16	Deficit: -10	19	
Kaiser Portland	5.2	5	Surplus: 1	6	
7 Kaiser Plans	4.1	4	Surplus: 2	5	
GHC Seattle					
Three HMOs					
Goodman	7.2	7	Deficit: -1	9	
Hicks & Glenn	3.9	4	Surplus: 2	5	
Solucient	5.7	6	Adequate 0	7	
Average Requirement		7	Deficit: -1	9	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pulmonary Diseases		102,662	2	1.9	121,156
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	1	Surplus: 1	2	
Kaiser Portland	1.4	1	Surplus: 1	2	
7 Kaiser Plans	1.0	1	Surplus: 1	1	
GHC Seattle	1.4	1	Surplus: 1	2	
Three HMOs					
Goodman	1.4	1	Surplus: 1	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
Radiology		102,662	7	6.8	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	12	Deficit: -5	14	
Two Mature HMO	13.6	14	Deficit: -7	16	
Adjusted FTE	13.7	14	Deficit: -7	17	
GMENAC	7.7	8	Deficit: -1	9	
Kaiser Portland	8.5	9	Deficit: -2	10	
7 Kaiser Plans	4.7	5	Surplus: 2	6	
GHC Seattle	7.7	8	Deficit: -1	9	
Three HMOs					
Goodman	8.0	8	Deficit: -1	10	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	9	Deficit: -2	11	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
General Surgery		102,662	11	10.7	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	13	Deficit: -2	15	
Two Mature HMO	9.4	10	Surplus: 1	11	
Adjusted FTE	8.8	9	Surplus: 2	11	
GMENAC	9.7	10	Surplus: 1	12	
Kaiser Portland	7.0	7	Surplus: 4	8	
7 Kaiser Plans	6.2	6	Surplus: 5	8	
GHC Seattle	5.9	6	Surplus: 5	7	
Three HMOs	4.2	4	Surplus: 7	5	
Goodman	9.7	10	Surplus: 1	12	
Hicks & Glenn	4.1	4	Surplus: 7	5	
Solucient	6.0	6	Surplus: 5	7	
Average Requirement	7.1	7	Surplus: 4	9	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Urology		102,662	3	2.9	121,156
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	4	Deficit: -1	4	
Two Mature HMO	3.5	4	Deficit: -1	4	
Adjusted FTE	3.3	3	Adequate 0	4	
GMENAC	3.1	3	Adequate 0	4	
Kaiser Portland	3.3	3	Adequate 0	4	
7 Kaiser Plans	2.3	2	Surplus: 1	3	
GHC Seattle	2.9	3	Adequate 0	4	
Three HMOs					
Goodman	2.6	3	Adequate 0	3	
Hicks & Glenn	1.9	2	Surplus: 1	2	
Solucient	2.9	3	Adequate 0	3	
Average Requirement	2.9	3	Adequate 0	4	

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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. Rosenblat. 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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