

38 PCSA Physician Standard Report

Included Counties: Henry

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Allergy & Immunology	167,171	1	0.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.4	2	Deficit: -1	3
Two Mature HMO	1.5	3	Deficit: -2	3
Adjusted FTE	1.4	2	Deficit: -1	3
GMENAC	0.8	1	Adequate 0	2
Kaiser Portland	1.7	3	Deficit: -2	4
7 Kaiser Plans	1.2	2	Deficit: -1	3
GHC Seattle	1.1	2	Deficit: -1	2
Three HMOs				
Goodman	1.3	2	Deficit: -1	3
Hicks & Glenn				
Solucient	1.7	3	Deficit: -2	4
Average Requirement	1.3	2	Deficit: -1	3

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Anesthesiology	167,171	7	4.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.0	23	Deficit: -16	30
Two Mature HMO	9.7	16	Deficit: -9	21
Adjusted FTE	9.1	15	Deficit: -8	19
GMENAC	8.9	15	Deficit: -8	19
Kaiser Portland	5.9	10	Deficit: -3	12
7 Kaiser Plans	3.9	7	Adequate 0	8
GHC Seattle	9.0	15	Deficit: -8	19
Three HMOs				
Goodman	7.0	12	Deficit: -5	15
Hicks & Glenn				
Solucient				
Average Requirement	7.6	13	Deficit: -6	16

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Cardiovascular Diseases		167,171	5	3.0	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	13	Deficit: -8	16	
Two Mature HMO	5.4	9	Deficit: -4	11	
Adjusted FTE	5.0	8	Deficit: -3	11	
GMENAC	3.1	5	Adequate 0	7	
Kaiser Portland	3.0	5	Adequate 0	6	
7 Kaiser Plans	1.8	3	Surplus: 2	4	
GHC Seattle	2.9	5	Adequate 0	6	
Three HMOs					
Goodman	3.6	6	Deficit: -1	8	
Hicks & Glenn	2.6	4	Surplus: 1	6	
Solucient	4.2	7	Deficit: -2	9	
Average Requirement	3.5	6	Deficit: -1	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Dermatology		167,171	7	4.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	6	Surplus: 1	8	
Two Mature HMO	2.8	5	Surplus: 2	6	
Adjusted FTE	2.6	4	Surplus: 3	6	
GMENAC	2.8	5	Surplus: 2	6	
Kaiser Portland	2.5	4	Surplus: 3	5	
7 Kaiser Plans	2.4	4	Surplus: 3	5	
GHC Seattle	2.6	4	Surplus: 3	6	
Three HMOs	1.6	3	Surplus: 4	3	
Goodman	1.4	2	Surplus: 5	3	
Hicks & Glenn	2.1	4	Surplus: 3	4	
Solucient	3.1	5	Surplus: 2	7	
Average Requirement	2.4	4	Surplus: 3	5	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Emergency Medicine		167,171	7	4.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	18	Deficit: -11	22	
Two Mature HMO	5.5	9	Deficit: -2	12	
Adjusted FTE	5.2	9	Deficit: -2	11	
GMENAC	5.4	9	Deficit: -2	11	
Kaiser Portland	6.7	11	Deficit: -4	14	
7 Kaiser Plans	5.3	9	Deficit: -2	11	
GHC Seattle					
Three HMOs					
Goodman	2.7	5	Surplus: 2	6	
Hicks & Glenn					
Solucient	12.4	21	Deficit: -14	26	
Average Requirement	6.2	10	Deficit: -3	13	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Endocrinology, Diabetes & Metabolism		167,171	2	1.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	3	Deficit: -1	4	
Two Mature HMO	1.1	2	Adequate 0	2	
Adjusted FTE	1.0	2	Adequate 0	2	
GMENAC	0.8	1	Surplus: 1	2	
Kaiser Portland	0.9	2	Adequate 0	2	
7 Kaiser Plans	1.1	2	Adequate 0	2	
GHC Seattle					
Three HMOs	0.6	1	Surplus: 1	1	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	2	Adequate 0	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		167,171	44	26.3	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	53	Deficit: -9	67	
Two Mature HMO	45.6	76	Deficit: -32	97	
Adjusted FTE	42.6	71	Deficit: -27	90	
GMENAC	25.2	42	Surplus: 2	53	
Kaiser Portland	16.7	28	Surplus: 16	35	
7 Kaiser Plans	11.0	18	Surplus: 26	23	
GHC Seattle					
Three HMOs	9.2	15	Surplus: 29	19	
Goodman					
Hicks & Glenn	16.2	27	Surplus: 17	34	
Solucient	22.5	38	Surplus: 6	48	
Average Requirement	23.6	39	Surplus: 5	50	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		167,171	8	4.8	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	7	Surplus: 1	9	
Two Mature HMO	3.1	5	Surplus: 3	7	
Adjusted FTE					
GMENAC	3.2	5	Surplus: 3	7	
Kaiser Portland	1.7	3	Surplus: 5	4	
7 Kaiser Plans	1.7	3	Surplus: 5	4	
GHC Seattle					
Three HMOs					
Goodman	1.3	2	Surplus: 6	3	
Hicks & Glenn					
Solucient	3.5	6	Surplus: 2	7	
Average Requirement	2.4	4	Surplus: 4	5	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Hematology/Oncology	167,171	1	0.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	6	Deficit: -5	7
Two Mature HMO	2.5	4	Deficit: -3	5
Adjusted FTE	2.4	4	Deficit: -3	5
GMENAC	3.6	6	Deficit: -5	8
Kaiser Portland	2.3	4	Deficit: -3	5
7 Kaiser Plans	1.8	3	Deficit: -2	4
GHC Seattle	1.6	3	Deficit: -2	3
Three HMOs	2.6	4	Deficit: -3	6
Goodman	1.2	2	Deficit: -1	3
Hicks & Glenn				
Solucient	1.1	2	Deficit: -1	2
Average Requirement	2.1	4	Deficit: -3	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Internal Medicine	167,171	18	10.8	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	53.1	89	Deficit: -71	112
Two Mature HMO	21.4	36	Deficit: -18	45
Adjusted FTE	20.0	33	Deficit: -15	42
GMENAC	28.8	48	Deficit: -30	61
Kaiser Portland	28.1	47	Deficit: -29	60
7 Kaiser Plans	30.3	51	Deficit: -33	64
GHC Seattle				
Three HMOs	16.7	28	Deficit: -10	35
Goodman				
Hicks & Glenn	11.3	19	Deficit: -1	24
Solucient	19.0	32	Deficit: -14	40
Average Requirement	22.0	37	Deficit: -19	47

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Nephrology	167,171	3	1.8	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.6	4	Deficit: -1	6
Two Mature HMO	1.4	2	Surplus: 1	3
Adjusted FTE	1.3	2	Surplus: 1	3
GMENAC	1.1	2	Surplus: 1	2
Kaiser Portland	0.8	1	Surplus: 2	2
7 Kaiser Plans	0.7	1	Surplus: 2	1
GHC Seattle	0.9	2	Surplus: 1	2
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient	0.7	1	Surplus: 2	2
Average Requirement	1.0	2	Surplus: 1	2

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Neurological Surgery	167,171	1	0.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.9	3	Deficit: -2	4
Two Mature HMO	1.1	2	Deficit: -1	2
Adjusted FTE	1.0	2	Deficit: -1	2
GMENAC	1.1	2	Deficit: -1	2
Kaiser Portland	1.4	2	Deficit: -1	3
7 Kaiser Plans				
GHC Seattle	0.4	1	Adequate 0	1
Three HMOs				
Goodman	0.7	1	Adequate 0	1
Hicks & Glenn				
Solucient				
Average Requirement	1.0	2	Deficit: -1	2

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Neurology	167,171	5	3.0	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	5.0	8	Deficit: -3	11
Two Mature HMO	2.4	4	Surplus: 1	5
Adjusted FTE	2.3	4	Surplus: 1	5
GMENAC	3.3	6	Deficit: -1	7
Kaiser Portland	1.3	2	Surplus: 3	3
7 Kaiser Plans	1.7	3	Surplus: 2	4
GHC Seattle	1.2	2	Surplus: 3	3
Three HMOs				
Goodman	2.1	4	Surplus: 1	4
Hicks & Glenn	1.4	2	Surplus: 3	3
Solucient	1.8	3	Surplus: 2	4
Average Requirement	1.9	3	Surplus: 2	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
OB/GYN	167,171	16	9.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.1	24	Deficit: -8	30
Two Mature HMO	12.1	20	Deficit: -4	26
Adjusted FTE	11.3	19	Deficit: -3	24
GMENAC	9.9	17	Deficit: -1	21
Kaiser Portland	11.6	19	Deficit: -3	25
7 Kaiser Plans	11.5	19	Deficit: -3	24
GHC Seattle	10.0	17	Deficit: -1	21
Three HMOs	8.8	15	Surplus: 1	19
Goodman	8.4	14	Surplus: 2	18
Hicks & Glenn	8.0	13	Surplus: 3	17
Solucient	10.2	17	Deficit: -1	22
Average Requirement	10.2	17	Deficit: -1	22

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Included Counties: Henry

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Orthopedic Surgery	167,171	11	6.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	8.3	14	Deficit: -3	18
Two Mature HMO	6.8	11	Adequate 0	14
Adjusted FTE	6.4	11	Adequate 0	14
GMENAC	6.0	10	Surplus: 1	13
Kaiser Portland	5.9	10	Surplus: 1	12
7 Kaiser Plans	4.2	7	Surplus: 4	9
GHC Seattle	6.7	11	Adequate 0	14
Three HMOs	3.0	5	Surplus: 6	6
Goodman	5.9	10	Surplus: 1	12
Hicks & Glenn	4.2	7	Surplus: 4	9
Solucient	6.1	10	Surplus: 1	13
Average Requirement	5.5	9	Surplus: 2	12

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Otolaryngology	167,171	4	2.4	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	6	Deficit: -2	7
Two Mature HMO	3.2	5	Deficit: -1	7
Adjusted FTE				
GMENAC	3.2	5	Deficit: -1	7
Kaiser Portland	3.4	6	Deficit: -2	7
7 Kaiser Plans	2.4	4	Adequate 0	5
GHC Seattle	3.0	5	Deficit: -1	6
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	5	Deficit: -1	6

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Included Counties: Henry

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pathology		167,171	4	2.4	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	11	Deficit: -7	13	
Two Mature HMO	1.9	3	Surplus: 1	4	
Adjusted FTE	1.8	3	Surplus: 1	4	
GMENAC	6.4	11	Deficit: -7	14	
Kaiser Portland	3.3	6	Deficit: -2	7	
7 Kaiser Plans	1.8	3	Surplus: 1	4	
GHC Seattle					
Three HMOs					
Goodman	4.1	7	Deficit: -3	9	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	5	Deficit: -1	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pediatrics		167,171	21	12.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	42	Deficit: -21	53	
Two Mature HMO	16.6	28	Deficit: -7	35	
Adjusted FTE	15.5	26	Deficit: -5	33	
GMENAC	12.4	21	Adequate 0	26	
Kaiser Portland	11.9	20	Surplus: 1	25	
7 Kaiser Plans	16.0	27	Deficit: -6	34	
GHC Seattle					
Three HMOs	9.8	16	Surplus: 5	21	
Goodman					
Hicks & Glenn	7.6	13	Surplus: 8	16	
Solucient	13.9	23	Deficit: -2	29	
Average Requirement	13.0	22	Deficit: -1	28	

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Included Counties: Henry

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Plastic Surgery		167,171	2	1.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	4	Deficit: -2	5	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	2	Adequate 0	2	
Kaiser Portland	0.3	1	Surplus: 1	1	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 1	1	
Three HMOs					
Goodman	1.1	2	Adequate 0	2	
Hicks & Glenn	2.3	4	Deficit: -2	5	
Solucient	2.2	4	Deficit: -2	5	
Average Requirement		2	Adequate 0	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Psychiatry		167,171	13	7.8	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	23	Deficit: -10	29	
Two Mature HMO		13	Adequate 0	16	
Adjusted FTE		12	Surplus: 1	15	
GMENAC	15.4	26	Deficit: -13	33	
Kaiser Portland	5.2	9	Surplus: 4	11	
7 Kaiser Plans	4.1	7	Surplus: 6	9	
GHC Seattle					
Three HMOs					
Goodman	7.2	12	Surplus: 1	15	
Hicks & Glenn	3.9	7	Surplus: 6	8	
Solucient	5.7	10	Surplus: 3	12	
Average Requirement		12	Surplus: 1	15	

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Included Counties: Henry

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Pulmonary Diseases		167,171	2	1.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	3.5	6	Deficit: -4		7
Two Mature HMO	2.0	3	Deficit: -1		4
Adjusted FTE	1.9	3	Deficit: -1		4
GMENAC	1.4	2	Adequate 0		3
Kaiser Portland	1.4	2	Adequate 0		3
7 Kaiser Plans	1.0	2	Adequate 0		2
GHC Seattle	1.4	2	Adequate 0		3
Three HMOs					
Goodman	1.4	2	Adequate 0		3
Hicks & Glenn					
Solucient	1.3	2	Adequate 0		3
Average Requirement	1.5	3	Deficit: -1		3

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Radiology		167,171	2	1.2	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	11.4	19	Deficit: -17		24
Two Mature HMO	13.6	23	Deficit: -21		29
Adjusted FTE	13.7	23	Deficit: -21		29
GMENAC	7.7	13	Deficit: -11		16
Kaiser Portland	8.5	14	Deficit: -12		18
7 Kaiser Plans	4.7	8	Deficit: -6		10
GHC Seattle	7.7	13	Deficit: -11		16
Three HMOs					
Goodman	8.0	13	Deficit: -11		17
Hicks & Glenn					
Solucient					
Average Requirement	9.1	15	Deficit: -13		19

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Included Counties: Henry

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Rheumatology		167,171	1	0.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	1.5	3	Deficit: -2		3
Two Mature HMO	1.1	2	Deficit: -1		2
Adjusted FTE	1.0	2	Deficit: -1		2
GMENAC	0.7	1	Adequate 0		1
Kaiser Portland	0.4	1	Adequate 0		1
7 Kaiser Plans	0.7	1	Adequate 0		1
GHC Seattle	0.7	1	Adequate 0		1
Three HMOs					
Goodman	0.4	1	Adequate 0		1
Hicks & Glenn					
Solucient	1.3	2	Deficit: -1		3
Average Requirement	0.8	1	Adequate 0		2

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
General Surgery		167,171	6	3.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	12.5	21	Deficit: -15		26
Two Mature HMO	9.4	16	Deficit: -10		20
Adjusted FTE	8.8	15	Deficit: -9		19
GMENAC	9.7	16	Deficit: -10		21
Kaiser Portland	7.0	12	Deficit: -6		15
7 Kaiser Plans	6.2	10	Deficit: -4		13
GHC Seattle	5.9	10	Deficit: -4		12
Three HMOs	4.2	7	Deficit: -1		9
Goodman	9.7	16	Deficit: -10		21
Hicks & Glenn	4.1	7	Deficit: -1		9
Solucient	6.0	10	Deficit: -4		13
Average Requirement	7.1	12	Deficit: -6		15

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Thoracic Surgery		167,171	1	0.6	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	3	Deficit: -2	3	
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	1	Adequate 0	2	
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	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Urology		167,171	5	3.0	211,828
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	6	Deficit: -1	7	
Two Mature HMO	3.5	6	Deficit: -1	7	
Adjusted FTE	3.3	6	Deficit: -1	7	
GMENAC	3.1	5	Adequate 0	7	
Kaiser Portland	3.3	6	Deficit: -1	7	
7 Kaiser Plans	2.3	4	Surplus: 1	5	
GHC Seattle	2.9	5	Adequate 0	6	
Three HMOs					
Goodman	2.6	4	Surplus: 1	6	
Hicks & Glenn	1.9	3	Surplus: 2	4	
Solucient	2.9	5	Adequate 0	6	
Average Requirement	2.9	5	Adequate 0	6	

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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.
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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.
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