

94 PCSA Physician Standard Report

Included Counties: Pierce, Ware

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Anesthesiology		52,139	6	11.5	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	7	Deficit: -1	7	
Two Mature HMO	9.7	5	Surplus: 1	5	
Adjusted FTE	9.1	5	Surplus: 1	5	
GMENAC	8.9	5	Surplus: 1	5	
Kaiser Portland	5.9	3	Surplus: 3	3	
7 Kaiser Plans	3.9	2	Surplus: 4	2	
GHC Seattle	9.0	5	Surplus: 1	5	
Three HMOs					
Goodman	7.0	4	Surplus: 2	4	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	4	Surplus: 2	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Cardiovascular Diseases		52,139	20	38.4	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	4	Surplus: 16	4	
Two Mature HMO	5.4	3	Surplus: 17	3	
Adjusted FTE	5.0	3	Surplus: 17	3	
GMENAC	3.1	2	Surplus: 18	2	
Kaiser Portland	3.0	2	Surplus: 18	2	
7 Kaiser Plans	1.8	1	Surplus: 19	1	
GHC Seattle	2.9	2	Surplus: 18	2	
Three HMOs					
Goodman	3.6	2	Surplus: 18	2	
Hicks & Glenn	2.6	1	Surplus: 19	1	
Solucient	4.2	2	Surplus: 18	2	
Average Requirement	3.5	2	Surplus: 18	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Dermatology		52,139	1	1.9	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	2	Deficit: -1	2	
Two Mature HMO	2.8	1	Adequate 0	1	
Adjusted FTE	2.6	1	Adequate 0	1	
GMENAC	2.8	1	Adequate 0	1	
Kaiser Portland	2.5	1	Adequate 0	1	
7 Kaiser Plans	2.4	1	Adequate 0	1	
GHC Seattle	2.6	1	Adequate 0	1	
Three HMOs	1.6	1	Adequate 0	1	
Goodman	1.4	1	Adequate 0	1	
Hicks & Glenn	2.1	1	Adequate 0	1	
Solucient	3.1	2	Deficit: -1	2	
Average Requirement	2.4	1	Adequate 0	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		52,139	13	24.9	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	5	Surplus: 8	5	
Two Mature HMO	5.5	3	Surplus: 10	3	
Adjusted FTE	5.2	3	Surplus: 10	3	
GMENAC	5.4	3	Surplus: 10	3	
Kaiser Portland	6.7	3	Surplus: 10	3	
7 Kaiser Plans	5.3	3	Surplus: 10	3	
GHC Seattle					
Three HMOs					
Goodman	2.7	1	Surplus: 12	1	
Hicks & Glenn					
Solucient	12.4	6	Surplus: 7	6	
Average Requirement	6.2	3	Surplus: 10	3	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Endocrinology, Diabetes & Metabolism		52,139	2	3.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	1	Surplus: 1	1	
Two Mature HMO	1.1	1	Surplus: 1	1	
Adjusted FTE	1.0	1	Surplus: 1	1	
GMENAC	0.8	0	Surplus: 2	0	
Kaiser Portland	0.9	0	Surplus: 2	0	
7 Kaiser Plans	1.1	1	Surplus: 1	1	
GHC Seattle					
Three HMOs	0.6	0	Surplus: 2	0	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	0	Surplus: 2	0	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		52,139	18	34.5	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	16	Surplus: 2	16	
Two Mature HMO	45.6	24	Deficit: -6	24	
Adjusted FTE	42.6	22	Deficit: -4	22	
GMENAC	25.2	13	Surplus: 5	13	
Kaiser Portland	16.7	9	Surplus: 9	9	
7 Kaiser Plans	11.0	6	Surplus: 12	6	
GHC Seattle					
Three HMOs	9.2	5	Surplus: 13	5	
Goodman					
Hicks & Glenn	16.2	8	Surplus: 10	8	
Solucient	22.5	12	Surplus: 6	12	
Average Requirement	23.6	12	Surplus: 6	12	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		52,139	4	7.7	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	2	Surplus: 2	2	
Two Mature HMO	3.1	2	Surplus: 2	2	
Adjusted FTE					
GMENAC	3.2	2	Surplus: 2	2	
Kaiser Portland	1.7	1	Surplus: 3	1	
7 Kaiser Plans	1.7	1	Surplus: 3	1	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Surplus: 3	1	
Hicks & Glenn					
Solucient	3.5	2	Surplus: 2	2	
Average Requirement	2.4	1	Surplus: 3	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		52,139	17	32.6	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	28	Deficit: -11	28	
Two Mature HMO	21.4	11	Surplus: 6	11	
Adjusted FTE	20.0	10	Surplus: 7	10	
GMENAC	28.8	15	Surplus: 2	15	
Kaiser Portland	28.1	15	Surplus: 2	15	
7 Kaiser Plans	30.3	16	Surplus: 1	16	
GHC Seattle					
Three HMOs	16.7	9	Surplus: 8	9	
Goodman					
Hicks & Glenn	11.3	6	Surplus: 11	6	
Solucient	19.0	10	Surplus: 7	10	
Average Requirement	22.0	11	Surplus: 6	11	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Nephrology		52,139	3	5.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	1	Surplus: 2	1	
Two Mature HMO	1.4	1	Surplus: 2	1	
Adjusted FTE	1.3	1	Surplus: 2	1	
GMENAC	1.1	1	Surplus: 2	1	
Kaiser Portland	0.8	0	Surplus: 3	0	
7 Kaiser Plans	0.7	0	Surplus: 3	0	
GHC Seattle	0.9	0	Surplus: 3	0	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	0	Surplus: 3	0	
Average Requirement	1.0	1	Surplus: 2	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Neurology		52,139	3	5.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	3	Adequate 0	3	
Two Mature HMO	2.4	1	Surplus: 2	1	
Adjusted FTE	2.3	1	Surplus: 2	1	
GMENAC	3.3	2	Surplus: 1	2	
Kaiser Portland	1.3	1	Surplus: 2	1	
7 Kaiser Plans	1.7	1	Surplus: 2	1	
GHC Seattle	1.2	1	Surplus: 2	1	
Three HMOs					
Goodman	2.1	1	Surplus: 2	1	
Hicks & Glenn	1.4	1	Surplus: 2	1	
Solucient	1.8	1	Surplus: 2	1	
Average Requirement	1.9	1	Surplus: 2	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
OB/GYN		52,139	6	11.5	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	7	Deficit: -1	7	
Two Mature HMO	12.1	6	Adequate 0	6	
Adjusted FTE	11.3	6	Adequate 0	6	
GMENAC	9.9	5	Surplus: 1	5	
Kaiser Portland	11.6	6	Adequate 0	6	
7 Kaiser Plans	11.5	6	Adequate 0	6	
GHC Seattle	10.0	5	Surplus: 1	5	
Three HMOs	8.8	5	Surplus: 1	5	
Goodman	8.4	4	Surplus: 2	4	
Hicks & Glenn	8.0	4	Surplus: 2	4	
Solucient	10.2	5	Surplus: 1	5	
Average Requirement	10.2	5	Surplus: 1	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Ophthalmology		52,139	2	3.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	3	Deficit: -1	3	
Two Mature HMO	5.9	3	Deficit: -1	3	
Adjusted FTE	5.5	3	Deficit: -1	3	
GMENAC	4.6	2	Adequate 0	2	
Kaiser Portland	2.4	1	Surplus: 1	1	
7 Kaiser Plans	3.1	2	Adequate 0	2	
GHC Seattle	5.0	3	Deficit: -1	3	
Three HMOs					
Goodman	3.5	2	Adequate 0	2	
Hicks & Glenn	3.2	2	Adequate 0	2	
Solucient	4.7	2	Adequate 0	2	
Average Requirement	4.2	2	Adequate 0	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Orthopedic Surgery		52,139	3	5.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	4	Deficit: -1	4	
Two Mature HMO	6.8	4	Deficit: -1	4	
Adjusted FTE	6.4	3	Adequate 0	3	
GMENAC	6.0	3	Adequate 0	3	
Kaiser Portland	5.9	3	Adequate 0	3	
7 Kaiser Plans	4.2	2	Surplus: 1	2	
GHC Seattle	6.7	3	Adequate 0	3	
Three HMOs	3.0	2	Surplus: 1	2	
Goodman	5.9	3	Adequate 0	3	
Hicks & Glenn	4.2	2	Surplus: 1	2	
Solucient	6.1	3	Adequate 0	3	
Average Requirement	5.5	3	Adequate 0	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Otolaryngology		52,139	2	3.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	2	Adequate 0	2	
Two Mature HMO	3.2	2	Adequate 0	2	
Adjusted FTE					
GMENAC	3.2	2	Adequate 0	2	
Kaiser Portland	3.4	2	Adequate 0	2	
7 Kaiser Plans	2.4	1	Surplus: 1	1	
GHC Seattle	3.0	2	Adequate 0	2	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	2	Adequate 0	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Pathology		52,139	3	5.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	6.3	3	Adequate 0		3
Two Mature HMO	1.9	1	Surplus: 2		1
Adjusted FTE	1.8	1	Surplus: 2		1
GMENAC	6.4	3	Adequate 0		3
Kaiser Portland	3.3	2	Surplus: 1		2
7 Kaiser Plans	1.8	1	Surplus: 2		1
GHC Seattle					
Three HMOs					
Goodman	4.1	2	Surplus: 1		2
Hicks & Glenn					
Solucient					
Average Requirement	3.2	2	Surplus: 1		2

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Pediatrics		52,139	7	13.4	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	24.9	13	Deficit: -6		13
Two Mature HMO	16.6	9	Deficit: -2		9
Adjusted FTE	15.5	8	Deficit: -1		8
GMENAC	12.4	6	Surplus: 1		6
Kaiser Portland	11.9	6	Surplus: 1		6
7 Kaiser Plans	16.0	8	Deficit: -1		8
GHC Seattle					
Three HMOs	9.8	5	Surplus: 2		5
Goodman					
Hicks & Glenn	7.6	4	Surplus: 3		4
Solucient	13.9	7	Adequate 0		7
Average Requirement	13.0	7	Adequate 0		7

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Plastic Surgery		52,139	1	1.9	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	1	Adequate 0	1	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	1	Adequate 0	1	
Kaiser Portland	0.3	0	Surplus: 1	0	
7 Kaiser Plans					
GHC Seattle	0.4	0	Surplus: 1	0	
Three HMOs					
Goodman	1.1	1	Adequate 0	1	
Hicks & Glenn	2.3	1	Adequate 0	1	
Solucient	2.2	1	Adequate 0	1	
Average Requirement		1	Adequate 0	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Psychiatry		52,139	5	9.6	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	7	Deficit: -2	7	
Two Mature HMO		4	Surplus: 1	4	
Adjusted FTE		4	Surplus: 1	4	
GMENAC	15.4	8	Deficit: -3	8	
Kaiser Portland	5.2	3	Surplus: 2	3	
7 Kaiser Plans	4.1	2	Surplus: 3	2	
GHC Seattle					
Three HMOs					
Goodman	7.2	4	Surplus: 1	4	
Hicks & Glenn	3.9	2	Surplus: 3	2	
Solucient	5.7	3	Surplus: 2	3	
Average Requirement		4	Surplus: 1	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pulmonary Diseases		52,139	2	3.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	2	Adequate 0	2	
Two Mature HMO	2.0	1	Surplus: 1	1	
Adjusted FTE	1.9	1	Surplus: 1	1	
GMENAC	1.4	1	Surplus: 1	1	
Kaiser Portland	1.4	1	Surplus: 1	1	
7 Kaiser Plans	1.0	1	Surplus: 1	1	
GHC Seattle	1.4	1	Surplus: 1	1	
Three HMOs					
Goodman	1.4	1	Surplus: 1	1	
Hicks & Glenn					
Solucient	1.3	1	Surplus: 1	1	
Average Requirement	1.5	1	Surplus: 1	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Radiology		52,139	3	5.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	6	Deficit: -3	6	
Two Mature HMO	13.6	7	Deficit: -4	7	
Adjusted FTE	13.7	7	Deficit: -4	7	
GMENAC	7.7	4	Deficit: -1	4	
Kaiser Portland	8.5	4	Deficit: -1	4	
7 Kaiser Plans	4.7	2	Surplus: 1	2	
GHC Seattle	7.7	4	Deficit: -1	4	
Three HMOs					
Goodman	8.0	4	Deficit: -1	4	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	5	Deficit: -2	5	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Rheumatology		52,139	2	3.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	1	Surplus: 1	1	
Two Mature HMO	1.1	1	Surplus: 1	1	
Adjusted FTE	1.0	1	Surplus: 1	1	
GMENAC	0.7	0	Surplus: 2	0	
Kaiser Portland	0.4	0	Surplus: 2	0	
7 Kaiser Plans	0.7	0	Surplus: 2	0	
GHC Seattle	0.7	0	Surplus: 2	0	
Three HMOs					
Goodman	0.4	0	Surplus: 2	0	
Hicks & Glenn					
Solucient	1.3	1	Surplus: 1	1	
Average Requirement	0.8	0	Surplus: 2	0	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
General Surgery		52,139	7	13.4	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	7	Adequate 0	7	
Two Mature HMO	9.4	5	Surplus: 2	5	
Adjusted FTE	8.8	5	Surplus: 2	5	
GMENAC	9.7	5	Surplus: 2	5	
Kaiser Portland	7.0	4	Surplus: 3	4	
7 Kaiser Plans	6.2	3	Surplus: 4	3	
GHC Seattle	5.9	3	Surplus: 4	3	
Three HMOs	4.2	2	Surplus: 5	2	
Goodman	9.7	5	Surplus: 2	5	
Hicks & Glenn	4.1	2	Surplus: 5	2	
Solucient	6.0	3	Surplus: 4	3	
Average Requirement	7.1	4	Surplus: 3	4	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	52,139	2	3.8	52,128
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	2	Adequate 0	2
Two Mature HMO	3.5	2	Adequate 0	2
Adjusted FTE	3.3	2	Adequate 0	2
GMENAC	3.1	2	Adequate 0	2
Kaiser Portland	3.3	2	Adequate 0	2
7 Kaiser Plans	2.3	1	Surplus: 1	1
GHC Seattle	2.9	2	Adequate 0	2
Three HMOs				
Goodman	2.6	1	Surplus: 1	1
Hicks & Glenn	1.9	1	Surplus: 1	1
Solucient	2.9	1	Surplus: 1	1
Average Requirement	2.9	2	Adequate 0	2

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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