

52 PCSA Physician Standard Report

Included Counties: Bryan, Chatham, Effingham, Liberty

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Allergy & Immunology	377,480	6	1.6	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.4	5	Surplus: 1	5
Two Mature HMO	1.5	6	Adequate 0	6
Adjusted FTE	1.4	5	Surplus: 1	5
GMENAC	0.8	3	Surplus: 3	3
Kaiser Portland	1.7	6	Adequate 0	6
7 Kaiser Plans	1.2	5	Surplus: 1	4
GHC Seattle	1.1	4	Surplus: 2	4
Three HMOs				
Goodman	1.3	5	Surplus: 1	5
Hicks & Glenn				
Solucient	1.7	6	Adequate 0	6
Average Requirement	1.3	5	Surplus: 1	5

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Anesthesiology	377,480	40	10.6	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.0	53	Deficit: -13	52
Two Mature HMO	9.7	37	Surplus: 3	36
Adjusted FTE	9.1	34	Surplus: 6	34
GMENAC	8.9	34	Surplus: 6	33
Kaiser Portland	5.9	22	Surplus: 18	22
7 Kaiser Plans	3.9	15	Surplus: 25	14
GHC Seattle	9.0	34	Surplus: 6	33
Three HMOs				
Goodman	7.0	26	Surplus: 14	26
Hicks & Glenn				
Solucient				
Average Requirement	7.6	29	Surplus: 11	28

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k	Physician Need	Population
Cardiovascular Diseases	377,480	31	8.2	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	7.5	28	Surplus: 3	28
Two Mature HMO	5.4	20	Surplus: 11	20
Adjusted FTE	5.0	19	Surplus: 12	18
GMENAC	3.1	12	Surplus: 19	11
Kaiser Portland	3.0	11	Surplus: 20	11
7 Kaiser Plans	1.8	7	Surplus: 24	7
GHC Seattle	2.9	11	Surplus: 20	11
Three HMOs				
Goodman	3.6	14	Surplus: 17	13
Hicks & Glenn	2.6	10	Surplus: 21	10
Solucient	4.2	16	Surplus: 15	16
Average Requirement	3.5	13	Surplus: 18	13

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k	Physician Need	Population
Dermatology	377,480	14	3.7	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.7	14	Adequate 0	14
Two Mature HMO	2.8	11	Surplus: 3	10
Adjusted FTE	2.6	10	Surplus: 4	10
GMENAC	2.8	11	Surplus: 3	10
Kaiser Portland	2.5	9	Surplus: 5	9
7 Kaiser Plans	2.4	9	Surplus: 5	9
GHC Seattle	2.6	10	Surplus: 4	10
Three HMOs	1.6	6	Surplus: 8	6
Goodman	1.4	5	Surplus: 9	5
Hicks & Glenn	2.1	8	Surplus: 6	8
Solucient	3.1	12	Surplus: 2	12
Average Requirement	2.4	9	Surplus: 5	9

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Emergency Medicine	377,480	55	14.6	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	10.5	40	Surplus: 15	39
Two Mature HMO	5.5	21	Surplus: 34	20
Adjusted FTE	5.2	20	Surplus: 35	19
GMENAC	5.4	20	Surplus: 35	20
Kaiser Portland	6.7	25	Surplus: 30	25
7 Kaiser Plans	5.3	20	Surplus: 35	20
GHC Seattle				
Three HMOs				
Goodman	2.7	10	Surplus: 45	10
Hicks & Glenn				
Solucient	12.4	47	Surplus: 8	46
Average Requirement	6.2	23	Surplus: 32	23

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Endocrinology, Diabetes & Metabolism	377,480	4	1.1	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.8	7	Deficit: -3	7
Two Mature HMO	1.1	4	Adequate 0	4
Adjusted FTE	1.0	4	Adequate 0	4
GMENAC	0.8	3	Surplus: 1	3
Kaiser Portland	0.9	3	Surplus: 1	3
7 Kaiser Plans	1.1	4	Adequate 0	4
GHC Seattle				
Three HMOs	0.6	2	Surplus: 2	2
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.9	3	Surplus: 1	3

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Family Practice		377,480	111	29.4	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	31.5	119	Deficit: -8		116
Two Mature HMO	45.6	172	Deficit: -61		168
Adjusted FTE	42.6	161	Deficit: -50		157
GMENAC	25.2	95	Surplus: 16		93
Kaiser Portland	16.7	63	Surplus: 48		61
7 Kaiser Plans	11.0	42	Surplus: 69		40
GHC Seattle					
Three HMOs	9.2	35	Surplus: 76		34
Goodman					
Hicks & Glenn	16.2	61	Surplus: 50		60
Solucient	22.5	85	Surplus: 26		83
Average Requirement	23.6	89	Surplus: 22		87

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
Gastroenterology		377,480	18	4.8	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	4.2	16	Surplus: 2		15
Two Mature HMO	3.1	12	Surplus: 6		11
Adjusted FTE					
GMENAC	3.2	12	Surplus: 6		12
Kaiser Portland	1.7	6	Surplus: 12		6
7 Kaiser Plans	1.7	6	Surplus: 12		6
GHC Seattle					
Three HMOs					
Goodman	1.3	5	Surplus: 13		5
Hicks & Glenn					
Solucient	3.5	13	Surplus: 5		13
Average Requirement	2.4	9	Surplus: 9		9

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Infectious Disease		377,480	6	1.6	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.2	8	Deficit: -2	8	
Two Mature HMO	0.7	3	Surplus: 3	3	
Adjusted FTE	0.6	2	Surplus: 4	2	
GMENAC	0.9	3	Surplus: 3	3	
Kaiser Portland	1.2	5	Surplus: 1	4	
7 Kaiser Plans	0.7	3	Surplus: 3	3	
GHC Seattle	0.6	2	Surplus: 4	2	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.8	3	Surplus: 3	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		377,480	100	26.5	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	200	Deficit: -100	195	
Two Mature HMO	21.4	81	Surplus: 19	79	
Adjusted FTE	20.0	75	Surplus: 25	74	
GMENAC	28.8	109	Deficit: -9	106	
Kaiser Portland	28.1	106	Deficit: -6	103	
7 Kaiser Plans	30.3	114	Deficit: -14	112	
GHC Seattle					
Three HMOs	16.7	63	Surplus: 37	61	
Goodman					
Hicks & Glenn	11.3	43	Surplus: 57	42	
Solucient	19.0	72	Surplus: 28	70	
Average Requirement	22.0	83	Surplus: 17	81	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Nephrology	377,480	8	2.1	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.6	10	Deficit: -2	10
Two Mature HMO	1.4	5	Surplus: 3	5
Adjusted FTE	1.3	5	Surplus: 3	5
GMENAC	1.1	4	Surplus: 4	4
Kaiser Portland	0.8	3	Surplus: 5	3
7 Kaiser Plans	0.7	3	Surplus: 5	3
GHC Seattle	0.9	3	Surplus: 5	3
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient	0.7	3	Surplus: 5	3
Average Requirement	1.0	4	Surplus: 4	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Neurological Surgery	377,480	9	2.4	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.9	7	Surplus: 2	7
Two Mature HMO	1.1	4	Surplus: 5	4
Adjusted FTE	1.0	4	Surplus: 5	4
GMENAC	1.1	4	Surplus: 5	4
Kaiser Portland	1.4	5	Surplus: 4	5
7 Kaiser Plans				
GHC Seattle	0.4	2	Surplus: 7	1
Three HMOs				
Goodman	0.7	3	Surplus: 6	3
Hicks & Glenn				
Solucient				
Average Requirement	1.0	4	Surplus: 5	4

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Neurology	377,480	14	3.7	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	5.0	19	Deficit: -5	18
Two Mature HMO	2.4	9	Surplus: 5	9
Adjusted FTE	2.3	9	Surplus: 5	8
GMENAC	3.3	12	Surplus: 2	12
Kaiser Portland	1.3	5	Surplus: 9	5
7 Kaiser Plans	1.7	6	Surplus: 8	6
GHC Seattle	1.2	5	Surplus: 9	4
Three HMOs				
Goodman	2.1	8	Surplus: 6	8
Hicks & Glenn	1.4	5	Surplus: 9	5
Solucient	1.8	7	Surplus: 7	7
Average Requirement	1.9	7	Surplus: 7	7

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
OB/GYN	377,480	43	11.4	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.1	53	Deficit: -10	52
Two Mature HMO	12.1	46	Deficit: -3	45
Adjusted FTE	11.3	43	Adequate 0	42
GMENAC	9.9	37	Surplus: 6	36
Kaiser Portland	11.6	44	Deficit: -1	43
7 Kaiser Plans	11.5	43	Adequate 0	42
GHC Seattle	10.0	38	Surplus: 5	37
Three HMOs	8.8	33	Surplus: 10	32
Goodman	8.4	32	Surplus: 11	31
Hicks & Glenn	8.0	30	Surplus: 13	29
Solucient	10.2	38	Surplus: 5	37
Average Requirement	10.2	39	Surplus: 4	38

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Ophthalmology	377,480	26	6.9	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.0	23	Surplus: 3	22
Two Mature HMO	5.9	22	Surplus: 4	22
Adjusted FTE	5.5	21	Surplus: 5	20
GMENAC	4.6	17	Surplus: 9	17
Kaiser Portland	2.4	9	Surplus: 17	9
7 Kaiser Plans	3.1	12	Surplus: 14	11
GHC Seattle	5.0	19	Surplus: 7	18
Three HMOs				
Goodman	3.5	13	Surplus: 13	13
Hicks & Glenn	3.2	12	Surplus: 14	12
Solucient	4.7	18	Surplus: 8	17
Average Requirement	4.2	16	Surplus: 10	15

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Orthopedic Surgery	377,480	35	9.3	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	8.3	31	Surplus: 4	31
Two Mature HMO	6.8	26	Surplus: 9	25
Adjusted FTE	6.4	24	Surplus: 11	24
GMENAC	6.0	23	Surplus: 12	22
Kaiser Portland	5.9	22	Surplus: 13	22
7 Kaiser Plans	4.2	16	Surplus: 19	15
GHC Seattle	6.7	25	Surplus: 10	25
Three HMOs	3.0	11	Surplus: 24	11
Goodman	5.9	22	Surplus: 13	22
Hicks & Glenn	4.2	16	Surplus: 19	15
Solucient	6.1	23	Surplus: 12	23
Average Requirement	5.5	21	Surplus: 14	20

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Otolaryngology	377,480	14	3.7	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	13	Surplus: 1	13
Two Mature HMO	3.2	12	Surplus: 2	12
Adjusted FTE				
GMENAC	3.2	12	Surplus: 2	12
Kaiser Portland	3.4	13	Surplus: 1	13
7 Kaiser Plans	2.4	9	Surplus: 5	9
GHC Seattle	3.0	11	Surplus: 3	11
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	11	Surplus: 3	11

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pathology	377,480	14	3.7	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.3	24	Deficit: -10	23
Two Mature HMO	1.9	7	Surplus: 7	7
Adjusted FTE	1.8	7	Surplus: 7	7
GMENAC	6.4	24	Deficit: -10	24
Kaiser Portland	3.3	12	Surplus: 2	12
7 Kaiser Plans	1.8	7	Surplus: 7	7
GHC Seattle				
Three HMOs				
Goodman	4.1	15	Deficit: -1	15
Hicks & Glenn				
Solucient				
Average Requirement	3.2	12	Surplus: 2	12

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pediatrics		377,480	73	19.3	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	94	Deficit: -21	92	
Two Mature HMO	16.6	63	Surplus: 10	61	
Adjusted FTE	15.5	59	Surplus: 14	57	
GMENAC	12.4	47	Surplus: 26	46	
Kaiser Portland	11.9	45	Surplus: 28	44	
7 Kaiser Plans	16.0	60	Surplus: 13	59	
GHC Seattle					
Three HMOs	9.8	37	Surplus: 36	36	
Goodman					
Hicks & Glenn	7.6	29	Surplus: 44	28	
Solucient	13.9	52	Surplus: 21	51	
Average Requirement	13.0	49	Surplus: 24	48	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Plastic Surgery		377,480	19	5.0	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	9	Surplus: 10	9	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	4	Surplus: 15	4	
Kaiser Portland	0.3	1	Surplus: 18	1	
7 Kaiser Plans					
GHC Seattle	0.4	2	Surplus: 17	1	
Three HMOs					
Goodman	1.1	4	Surplus: 15	4	
Hicks & Glenn	2.3	9	Surplus: 10	8	
Solucient	2.2	8	Surplus: 11	8	
Average Requirement	1.2	5	Surplus: 14	4	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Psychiatry		377,480	42	11.1	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	51	Deficit: -9	50	
Two Mature HMO	7.7	29	Surplus: 13	28	
Adjusted FTE	7.2	27	Surplus: 15	27	
GMENAC	15.4	58	Deficit: -16	57	
Kaiser Portland	5.2	20	Surplus: 22	19	
7 Kaiser Plans	4.1	15	Surplus: 27	15	
GHC Seattle					
Three HMOs					
Goodman	7.2	27	Surplus: 15	27	
Hicks & Glenn	3.9	15	Surplus: 27	14	
Solucient	5.7	22	Surplus: 20	21	
Average Requirement	7.1	27	Surplus: 15	26	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pulmonary Diseases		377,480	17	4.5	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	13	Surplus: 4	13	
Two Mature HMO	2.0	8	Surplus: 9	7	
Adjusted FTE	1.9	7	Surplus: 10	7	
GMENAC	1.4	5	Surplus: 12	5	
Kaiser Portland	1.4	5	Surplus: 12	5	
7 Kaiser Plans	1.0	4	Surplus: 13	4	
GHC Seattle	1.4	5	Surplus: 12	5	
Three HMOs					
Goodman	1.4	5	Surplus: 12	5	
Hicks & Glenn					
Solucient	1.3	5	Surplus: 12	5	
Average Requirement	1.5	6	Surplus: 11	6	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Radiology	377,480	55	14.6	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	11.4	43	Surplus: 12	42
Two Mature HMO	13.6	51	Surplus: 4	50
Adjusted FTE	13.7	52	Surplus: 3	50
GMENAC	7.7	29	Surplus: 26	28
Kaiser Portland	8.5	32	Surplus: 23	31
7 Kaiser Plans	4.7	18	Surplus: 37	17
GHC Seattle	7.7	29	Surplus: 26	28
Three HMOs				
Goodman	8.0	30	Surplus: 25	29
Hicks & Glenn				
Solucient				
Average Requirement	9.1	34	Surplus: 21	34

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Rheumatology	377,480	1	0.3	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.5	6	Deficit: -5	6
Two Mature HMO	1.1	4	Deficit: -3	4
Adjusted FTE	1.0	4	Deficit: -3	4
GMENAC	0.7	3	Deficit: -2	3
Kaiser Portland	0.4	2	Deficit: -1	1
7 Kaiser Plans	0.7	3	Deficit: -2	3
GHC Seattle	0.7	3	Deficit: -2	3
Three HMOs				
Goodman	0.4	2	Deficit: -1	1
Hicks & Glenn				
Solucient	1.3	5	Deficit: -4	5
Average Requirement	0.8	3	Deficit: -2	3

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
General Surgery		377,480	42	11.1	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	47	Deficit: -5	46	
Two Mature HMO	9.4	35	Surplus: 7	35	
Adjusted FTE	8.8	33	Surplus: 9	32	
GMENAC	9.7	37	Surplus: 5	36	
Kaiser Portland	7.0	26	Surplus: 16	26	
7 Kaiser Plans	6.2	23	Surplus: 19	23	
GHC Seattle	5.9	22	Surplus: 20	22	
Three HMOs	4.2	16	Surplus: 26	15	
Goodman	9.7	37	Surplus: 5	36	
Hicks & Glenn	4.1	15	Surplus: 27	15	
Solucient	6.0	23	Surplus: 19	22	
Average Requirement	7.1	27	Surplus: 15	26	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
Thoracic Surgery		377,480	4	1.1	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	6	Deficit: -2	6	
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	3	Surplus: 1	3	
Kaiser Portland	0.1	0	Surplus: 4	0	
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.5	2	Surplus: 2	2	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	377,480	15	4.0	368,139
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	13	Surplus: 2	13
Two Mature HMO	3.5	13	Surplus: 2	13
Adjusted FTE	3.3	12	Surplus: 3	12
GMENAC	3.1	12	Surplus: 3	11
Kaiser Portland	3.3	12	Surplus: 3	12
7 Kaiser Plans	2.3	9	Surplus: 6	8
GHC Seattle	2.9	11	Surplus: 4	11
Three HMOs				
Goodman	2.6	10	Surplus: 5	10
Hicks & Glenn	1.9	7	Surplus: 8	7
Solucient	2.9	11	Surplus: 4	11
Average Requirement	2.9	11	Surplus: 4	11

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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