

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Allergy &amp; Immunology</b>		<b>92,717</b>	<b>1</b>	<b>1.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	1.4	1	Adequate	0	2
Two Mature HMO	1.5	1	Adequate	0	2
Adjusted FTE	1.4	1	Adequate	0	2
GMENAC	0.8	1	Adequate	0	1
Kaiser Portland	1.7	2	Deficit:	-1	1
7 Kaiser Plans	1.2	1	Adequate	0	1
GHC Seattle	1.1	1	Adequate	0	1
Three HMOs					
Goodman	1.3	1	Adequate	0	2
Hicks & Glenn					
Solucient	1.7	2	Deficit:	-1	2
Average Requirement	1.3	1	Adequate	0	2

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Anesthesiology</b>		<b>92,717</b>	<b>5</b>	<b>5.4</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	14.0	13	Deficit:	-8	16
Two Mature HMO	9.7	9	Deficit:	-4	11
Adjusted FTE	9.1	8	Deficit:	-3	11
GMENAC	8.9	8	Deficit:	-3	10
Kaiser Portland	5.9	5	Adequate	0	5
7 Kaiser Plans	3.9	4	Surplus:	1	5
GHC Seattle	9.0	8	Deficit:	-3	11
Three HMOs					
Goodman	7.0	6	Deficit:	-1	8
Hicks & Glenn					
Solucient					
Average Requirement	7.6	7	Deficit:	-2	9

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Cardiovascular Diseases</b>		<b>92,717</b>	<b>2</b>	<b>2.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	7	Deficit: -5	9	
Two Mature HMO	5.4	5	Deficit: -3	6	
Adjusted FTE	5.0	5	Deficit: -3	6	
GMENAC	3.1	3	Deficit: -1	4	
Kaiser Portland	3.0	3	Deficit: -1	2	
7 Kaiser Plans	1.8	2	Adequate 0	2	
GHC Seattle	2.9	3	Deficit: -1	3	
Three HMOs					
Goodman	3.6	3	Deficit: -1	4	
Hicks & Glenn	2.6	2	Adequate 0	3	
Solucient	4.2	4	Deficit: -2	5	
Average Requirement	3.5	3	Deficit: -1	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Dermatology</b>		<b>92,717</b>	<b>2</b>	<b>2.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	3	Deficit: -1	4	
Two Mature HMO	2.8	3	Deficit: -1	3	
Adjusted FTE	2.6	2	Adequate 0	3	
GMENAC	2.8	3	Deficit: -1	3	
Kaiser Portland	2.5	2	Adequate 0	3	
7 Kaiser Plans	2.4	2	Adequate 0	3	
GHC Seattle	2.6	2	Adequate 0	3	
Three HMOs	1.6	1	Surplus: 1	2	
Goodman	1.4	1	Surplus: 1	2	
Hicks & Glenn	2.1	2	Adequate 0	2	
Solucient	3.1	3	Deficit: -1	4	
Average Requirement	2.4	2	Adequate 0	3	

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Emergency Medicine</b>		<b>92,717</b>	<b>7</b>	<b>7.5</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	10	Deficit: -3	12	
Two Mature HMO	5.5	5	Surplus: 2	6	
Adjusted FTE	5.2	5	Surplus: 2	6	
GMENAC	5.4	5	Surplus: 2	6	
Kaiser Portland	6.7	6	Surplus: 1	6	
7 Kaiser Plans	5.3	5	Surplus: 2	6	
GHC Seattle					
Three HMOs					
Goodman	2.7	3	Surplus: 4	3	
Hicks & Glenn					
Solucient	12.4	11	Deficit: -4	15	
Average Requirement	6.2	6	Surplus: 1	7	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Endocrinology, Diabetes &amp; Metabolism</b>		<b>92,717</b>	<b>1</b>	<b>1.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	2	Deficit: -1	2	
Two Mature HMO	1.1	1	Adequate 0	1	
Adjusted FTE	1.0	1	Adequate 0	1	
GMENAC	0.8	1	Adequate 0	1	
Kaiser Portland	0.9	1	Adequate 0	1	
7 Kaiser Plans	1.1	1	Adequate 0	1	
GHC Seattle					
Three HMOs	0.6	1	Adequate 0	1	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	1	Adequate 0	1	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Family Practice</b>		<b>92,717</b>	<b>27</b>	<b>29.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	29	Deficit: -2	37	
Two Mature HMO	45.6	42	Deficit: -15	54	
Adjusted FTE	42.6	39	Deficit: -12	50	
GMENAC	25.2	23	Surplus: 4	30	
Kaiser Portland	16.7	15	Surplus: 12	13	
7 Kaiser Plans	11.0	10	Surplus: 17	13	
GHC Seattle					
Three HMOs	9.2	9	Surplus: 18	11	
Goodman					
Hicks & Glenn	16.2	15	Surplus: 12	19	
Solucient	22.5	21	Surplus: 6	26	
Average Requirement	23.6	22	Surplus: 5	28	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Gastroenterology</b>		<b>92,717</b>	<b>1</b>	<b>1.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	4	Deficit: -3	5	
Two Mature HMO	3.1	3	Deficit: -2	4	
Adjusted FTE					
GMENAC	3.2	3	Deficit: -2	4	
Kaiser Portland	1.7	2	Deficit: -1	2	
7 Kaiser Plans	1.7	2	Deficit: -1	2	
GHC Seattle					
Three HMOs					
Goodman	1.3	1	Adequate 0	2	
Hicks & Glenn					
Solucient	3.5	3	Deficit: -2	4	
Average Requirement	2.4	2	Deficit: -1	3	

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Infectious Disease</b>		<b>92,717</b>	<b>1</b>	<b>1.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	2.2	2	Deficit:	-1	3
Two Mature HMO	0.7	1	Adequate	0	1
Adjusted FTE	0.6	1	Adequate	0	1
GMENAC	0.9	1	Adequate	0	1
Kaiser Portland	1.2	1	Adequate	0	1
7 Kaiser Plans	0.7	1	Adequate	0	1
GHC Seattle	0.6	1	Adequate	0	1
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.8	1	Adequate	0	1

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Internal Medicine</b>		<b>92,717</b>	<b>17</b>	<b>18.3</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	53.1	49	Deficit:	-32	62
Two Mature HMO	21.4	20	Deficit:	-3	25
Adjusted FTE	20.0	19	Deficit:	-2	24
GMENAC	28.8	27	Deficit:	-10	34
Kaiser Portland	28.1	26	Deficit:	-9	36
7 Kaiser Plans	30.3	28	Deficit:	-11	36
GHC Seattle					
Three HMOs	16.7	15	Surplus:	2	20
Goodman					
Hicks & Glenn	11.3	10	Surplus:	7	13
Solucient	19.0	18	Deficit:	-1	22
Average Requirement	22.0	20	Deficit:	-3	26

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Nephrology</b>		<b>92,717</b>	<b>1</b>	<b>1.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	2.6	2	Deficit:	-1	3
Two Mature HMO	1.4	1	Adequate	0	2
Adjusted FTE	1.3	1	Adequate	0	2
GMENAC	1.1	1	Adequate	0	1
Kaiser Portland	0.8	1	Adequate	0	1
7 Kaiser Plans	0.7	1	Adequate	0	1
GHC Seattle	0.9	1	Adequate	0	1
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	1	Adequate	0	1
Average Requirement	1.0	1	Adequate	0	1

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Neurology</b>		<b>92,717</b>	<b>2</b>	<b>2.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	5.0	5	Deficit:	-3	6
Two Mature HMO	2.4	2	Adequate	0	3
Adjusted FTE	2.3	2	Adequate	0	3
GMENAC	3.3	3	Deficit:	-1	4
Kaiser Portland	1.3	1	Surplus:	1	2
7 Kaiser Plans	1.7	2	Adequate	0	2
GHC Seattle	1.2	1	Surplus:	1	1
Three HMOs					
Goodman	2.1	2	Adequate	0	2
Hicks & Glenn	1.4	1	Surplus:	1	2
Solucient	1.8	2	Adequate	0	2
Average Requirement	1.9	2	Adequate	0	2

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>OB/GYN</b>		<b>92,717</b>	<b>5</b>	<b>5.4</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	13	Deficit: -8	17	
Two Mature HMO	12.1	11	Deficit: -6	14	
Adjusted FTE	11.3	10	Deficit: -5	13	
GMENAC	9.9	9	Deficit: -4	12	
Kaiser Portland	11.6	11	Deficit: -6	14	
7 Kaiser Plans	11.5	11	Deficit: -6	14	
GHC Seattle	10.0	9	Deficit: -4	12	
Three HMOs	8.8	8	Deficit: -3	10	
Goodman	8.4	8	Deficit: -3	10	
Hicks & Glenn	8.0	7	Deficit: -2	9	
Solucient	10.2	9	Deficit: -4	12	
Average Requirement	10.2	9	Deficit: -4	12	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Ophthalmology</b>		<b>92,717</b>	<b>2</b>	<b>2.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	6	Deficit: -4	7	
Two Mature HMO	5.9	5	Deficit: -3	7	
Adjusted FTE	5.5	5	Deficit: -3	6	
GMENAC	4.6	4	Deficit: -2	5	
Kaiser Portland	2.4	2	Adequate 0	4	
7 Kaiser Plans	3.1	3	Deficit: -1	4	
GHC Seattle	5.0	5	Deficit: -3	6	
Three HMOs					
Goodman	3.5	3	Deficit: -1	4	
Hicks & Glenn	3.2	3	Deficit: -1	4	
Solucient	4.7	4	Deficit: -2	6	
Average Requirement	4.2	4	Deficit: -2	5	

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Orthopedic Surgery</b>		<b>92,717</b>	<b>6</b>	<b>6.5</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	8	Deficit: -2	10	
Two Mature HMO	6.8	6	Adequate 0	8	
Adjusted FTE	6.4	6	Adequate 0	8	
GMENAC	6.0	6	Adequate 0	7	
Kaiser Portland	5.9	5	Surplus: 1	5	
7 Kaiser Plans	4.2	4	Surplus: 2	5	
GHC Seattle	6.7	6	Adequate 0	8	
Three HMOs	3.0	3	Surplus: 3	4	
Goodman	5.9	5	Surplus: 1	7	
Hicks & Glenn	4.2	4	Surplus: 2	5	
Solucient	6.1	6	Adequate 0	7	
Average Requirement	5.5	5	Surplus: 1	6	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Otolaryngology</b>		<b>92,717</b>	<b>3</b>	<b>3.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	3	Adequate 0	4	
Two Mature HMO	3.2	3	Adequate 0	4	
Adjusted FTE					
GMENAC	3.2	3	Adequate 0	4	
Kaiser Portland	3.4	3	Adequate 0	3	
7 Kaiser Plans	2.4	2	Surplus: 1	3	
GHC Seattle	3.0	3	Adequate 0	4	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	3	Adequate 0	4	



## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Pathology</b>		<b>92,717</b>	<b>3</b>	<b>3.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	6.3	6	Deficit:	-3	7
Two Mature HMO	1.9	2	Surplus:	1	2
Adjusted FTE	1.8	2	Surplus:	1	2
GMENAC	6.4	6	Deficit:	-3	8
Kaiser Portland	3.3	3	Adequate	0	2
7 Kaiser Plans	1.8	2	Surplus:	1	2
GHC Seattle					
Three HMOs					
Goodman	4.1	4	Deficit:	-1	5
Hicks & Glenn					
Solucient					
Average Requirement	3.2	3	Adequate	0	4

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Pediatrics</b>		<b>92,717</b>	<b>6</b>	<b>6.5</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	24.9	23	Deficit:	-17	29
Two Mature HMO	16.6	15	Deficit:	-9	20
Adjusted FTE	15.5	14	Deficit:	-8	18
GMENAC	12.4	11	Deficit:	-5	15
Kaiser Portland	11.9	11	Deficit:	-5	19
7 Kaiser Plans	16.0	15	Deficit:	-9	19
GHC Seattle					
Three HMOs	9.8	9	Deficit:	-3	12
Goodman					
Hicks & Glenn	7.6	7	Deficit:	-1	9
Solucient	13.9	13	Deficit:	-7	16
Average Requirement	13.0	12	Deficit:	-6	15

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Psychiatry</b>		<b>92,717</b>	<b>5</b>	<b>5.4</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	13	Deficit: -8	16	
Two Mature HMO	7.7	7	Deficit: -2	9	
Adjusted FTE	7.2	7	Deficit: -2	8	
GMENAC	15.4	14	Deficit: -9	18	
Kaiser Portland	5.2	5	Adequate 0	5	
7 Kaiser Plans	4.1	4	Surplus: 1	5	
GHC Seattle					
Three HMOs					
Goodman	7.2	7	Deficit: -2	8	
Hicks & Glenn	3.9	4	Surplus: 1	5	
Solucient	5.7	5	Adequate 0	7	
Average Requirement	7.1	7	Deficit: -2	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Pulmonary Diseases</b>		<b>92,717</b>	<b>2</b>	<b>2.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	3	Deficit: -1	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	1	
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	1	Surplus: 1	2	

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Radiology</b>		<b>92,717</b>	<b>10</b>	<b>10.8</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	11	Deficit: -1	13	
Two Mature HMO	13.6	13	Deficit: -3	16	
Adjusted FTE	13.7	13	Deficit: -3	16	
GMENAC	7.7	7	Surplus: 3	9	
Kaiser Portland	8.5	8	Surplus: 2	6	
7 Kaiser Plans	4.7	4	Surplus: 6	6	
GHC Seattle	7.7	7	Surplus: 3	9	
Three HMOs					
Goodman	8.0	7	Surplus: 3	9	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	8	Surplus: 2	11	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Rheumatology</b>		<b>92,717</b>	<b>1</b>	<b>1.1</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	1	Adequate 0	2	
Two Mature HMO	1.1	1	Adequate 0	1	
Adjusted FTE	1.0	1	Adequate 0	1	
GMENAC	0.7	1	Adequate 0	1	
Kaiser Portland	0.4	0	Surplus: 1	1	
7 Kaiser Plans	0.7	1	Adequate 0	1	
GHC Seattle	0.7	1	Adequate 0	1	
Three HMOs					
Goodman	0.4	0	Surplus: 1	0	
Hicks & Glenn					
Solucient	1.3	1	Adequate 0	2	
Average Requirement	0.8	1	Adequate 0	1	

## Bartow County Physician Standard Report

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
<b>General Surgery</b>		<b>92,717</b>	<b>6</b>	<b>6.5</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	12.5	12	Deficit: -6		15
Two Mature HMO	9.4	9	Deficit: -3		11
Adjusted FTE	8.8	8	Deficit: -2		10
GMENAC	9.7	9	Deficit: -3		11
Kaiser Portland	7.0	6	Adequate 0		7
7 Kaiser Plans	6.2	6	Adequate 0		7
GHC Seattle	5.9	5	Surplus: 1		7
Three HMOs	4.2	4	Surplus: 2		5
Goodman	9.7	9	Deficit: -3		11
Hicks & Glenn	4.1	4	Surplus: 2		5
Solucient	6.0	6	Adequate 0		7
Average Requirement	7.1	7	Deficit: -1		8

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Status	Population
<b>Urology</b>		<b>92,717</b>	<b>2</b>	<b>2.2</b>	<b>117,543</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	3.5	3	Deficit: -1		4
Two Mature HMO	3.5	3	Deficit: -1		4
Adjusted FTE	3.3	3	Deficit: -1		4
GMENAC	3.1	3	Deficit: -1		4
Kaiser Portland	3.3	3	Deficit: -1		3
7 Kaiser Plans	2.3	2	Adequate 0		3
GHC Seattle	2.9	3	Deficit: -1		3
Three HMOs					
Goodman	2.6	2	Adequate 0		3
Hicks & Glenn	1.9	2	Adequate 0		2
Solucient	2.9	3	Deficit: -1		3
Average Requirement	2.9	3	Deficit: -1		3

## Bartow County Physician Standard Report

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. Rosenblah. 1997. Physician Staffing Ratios in Staff- Model HMO's: A Cautionary Tale, Health Affairs 16, no. 1:55-70.
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