

## 5.1-South Central (Dublin) PHD Physician Standard Report

Included Counties: Bleckley, Dodge, Johnson, Laurens, Montgomery, Pulaski, Telfair, Treutlen, Wheeler, Wilcox

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Allergy &amp; Immunology</b>		<b>138,992</b>	<b>1</b>	<b>0.7</b>	<b>141,138</b>	<b>1</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	1.4	2	Deficit: -1	2	Deficit: -1	
Two Mature HMO	1.5	2	Deficit: -1	2	Deficit: -1	
Adjusted FTE	1.4	2	Deficit: -1	2	Deficit: -1	
GMENAC	0.8	1	Adequate 0	1	Adequate 0	
Kaiser Portland	1.7	2	Deficit: -1	2	Deficit: -1	
7 Kaiser Plans	1.2	2	Deficit: -1	2	Deficit: -1	
GMH Seattle	1.1	2	Deficit: -1	2	Deficit: -1	
Three HMOs						
Average Requirement	1.3	2	Deficit: -1	2	Deficit: -1	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Anesthesiology</b>		<b>138,992</b>	<b>4</b>	<b>2.9</b>	<b>141,138</b>	<b>6</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.2	18	Deficit: -14	19	Deficit: -13	
Two Mature HMO	9.7	13	Deficit: -9	14	Deficit: -8	
Adjusted FTE	9.1	13	Deficit: -9	13	Deficit: -7	
GMENAC	8.9	12	Deficit: -8	13	Deficit: -7	
Kaiser Portland	5.9	8	Deficit: -4	8	Deficit: -2	
7 Kaiser Plans	3.9	5	Deficit: -1	6	Adequate 0	
GMH Seattle	9.0	13	Deficit: -9	13	Deficit: -7	
Three HMOs						
Average Requirement	7.8	11	Deficit: -7	11	Deficit: -5	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Cardiovascular Diseases</b>		<b>138,992</b>	<b>2</b>	<b>1.4</b>	<b>141,138</b>	<b>3</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	7.5	10	Deficit: -8	11	Deficit: -8	
Two Mature HMO	5.4	8	Deficit: -6	8	Deficit: -5	
Adjusted FTE	5.0	7	Deficit: -5	7	Deficit: -4	
GMENAC	3.1	4	Deficit: -2	4	Deficit: -1	
Kaiser Portland	3.0	4	Deficit: -2	4	Deficit: -1	
7 Kaiser Plans	1.8	3	Deficit: -1	3	Adequate 0	
GMH Seattle	2.9	4	Deficit: -2	4	Deficit: -1	
Three HMOs						
Average Requirement	3.5	5	Deficit: -3	5	Deficit: -2	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Dermatology</b>		<b>138,992</b>	<b>1</b>	<b>0.7</b>	<b>141,138</b>	<b>1</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.6	5	Deficit: -4	5	Deficit: -4	
Two Mature HMO	2.8	4	Deficit: -3	4	Deficit: -3	
Adjusted FTE	2.6	4	Deficit: -3	4	Deficit: -3	
GMENAC	2.8	4	Deficit: -3	4	Deficit: -3	
Kaiser Portland	2.5	3	Deficit: -2	4	Deficit: -3	
7 Kaiser Plans	2.4	3	Deficit: -2	3	Deficit: -2	
GMH Seattle	2.6	4	Deficit: -3	4	Deficit: -3	
Three HMOs	1.6	2	Deficit: -1	2	Deficit: -1	
Average Requirement	2.5	3	Deficit: -2	4	Deficit: -3	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Diagnostic Radiology</b>		<b>138,992</b>	<b>4</b>	<b>2.9</b>	<b>141,138</b>	<b>6</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	8.1	11	Deficit: -7	11	Deficit: -5	
Two Mature HMO						
Adjusted FTE						
GMENAC						
Kaiser Portland						
7 Kaiser Plans						
GMH Seattle						
Three HMOs						
Average Requirement						
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Emergency Medicine</b>		<b>138,992</b>	<b>11</b>	<b>7.9</b>	<b>141,138</b>	<b>14</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	9.5	13	Deficit: -2	13	Surplus: 1	
Two Mature HMO	5.5	8	Surplus: 3	8	Surplus: 6	
Adjusted FTE	5.2	7	Surplus: 4	7	Surplus: 7	
GMENAC	5.4	8	Surplus: 3	8	Surplus: 6	
Kaiser Portland	6.7	9	Surplus: 2	9	Surplus: 5	
7 Kaiser Plans	5.3	7	Surplus: 4	7	Surplus: 7	
GMH Seattle						
Three HMOs						
Average Requirement	5.6	8	Surplus: 3	8	Surplus: 6	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Family Practice</b>		<b>138,992</b>	<b>47</b>	<b>33.8</b>	<b>141,138</b>	<b>62</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	31.3	44	Surplus: 3	44	Surplus: 18	
Two Mature HMO	45.6	63	Deficit: -16	64	Deficit: -2	
Adjusted FTE	42.6	59	Deficit: -12	60	Surplus: 2	
GMENAC	25.2	35	Surplus: 12	36	Surplus: 26	
Kaiser Portland	16.7	23	Surplus: 24	24	Surplus: 38	
7 Kaiser Plans	11.0	15	Surplus: 32	16	Surplus: 46	
GMH Seattle						
Three HMOs	9.2	13	Surplus: 34	13	Surplus: 49	
Average Requirement	25.1	35	Surplus: 12	35	Surplus: 27	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Hematology/Oncology</b>		<b>138,992</b>	<b>3</b>	<b>2.2</b>	<b>141,138</b>	<b>6</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.1	4	Deficit: -1	4	Surplus: 2	
Two Mature HMO	2.5	3	Adequate 0	4	Surplus: 2	
Adjusted FTE	2.4	3	Adequate 0	3	Surplus: 3	
GMENAC	3.6	5	Deficit: -2	5	Surplus: 1	
Kaiser Portland	2.3	3	Adequate 0	3	Surplus: 3	
7 Kaiser Plans	1.8	3	Adequate 0	3	Surplus: 3	
GMH Seattle	1.6	2	Surplus: 1	2	Surplus: 4	
Three HMOs	2.6	4	Deficit: -1	4	Surplus: 2	
Average Requirement	2.4	3	Adequate 0	3	Surplus: 3	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Internal Medicine</b>		<b>138,992</b>	<b>45</b>	<b>32.4</b>	<b>141,138</b>	<b>63</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	51.4	71	Deficit: -26	73	Deficit: -10	
Two Mature HMO	21.4	30	Surplus: 15	30	Surplus: 33	
Adjusted FTE	20.0	28	Surplus: 17	28	Surplus: 35	
GMENAC	28.8	40	Surplus: 5	41	Surplus: 22	
Kaiser Portland	28.1	39	Surplus: 6	40	Surplus: 23	
7 Kaiser Plans	30.3	42	Surplus: 3	43	Surplus: 20	
GMH Seattle						
Three HMOs	16.7	23	Surplus: 22	24	Surplus: 39	
Average Requirement	24.2	34	Surplus: 11	34	Surplus: 29	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Nephrology</b>		<b>138,992</b>	<b>1</b>	<b>0.7</b>	<b>141,138</b>	<b>2</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.3	3	Deficit: -2	3	Deficit: -1	
Two Mature HMO	1.4	2	Deficit: -1	2	Adequate 0	
Adjusted FTE	1.3	2	Deficit: -1	2	Adequate 0	
GMENAC	1.1	2	Deficit: -1	2	Adequate 0	
Kaiser Portland	0.8	1	Adequate 0	1	Surplus: 1	
7 Kaiser Plans	0.7	1	Adequate 0	1	Surplus: 1	
GMH Seattle	0.9	1	Adequate 0	1	Surplus: 1	
Three HMOs						
Average Requirement	1.0	1	Adequate 0	1	Surplus: 1	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Neurology</b>		<b>138,992</b>	<b>2</b>	<b>1.4</b>	<b>141,138</b>	<b>3</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	4.7	7	Deficit: -5	7	Deficit: -4	
Two Mature HMO	2.4	3	Deficit: -1	3	Adequate 0	
Adjusted FTE	2.3	3	Deficit: -1	3	Adequate 0	
GMENAC	3.3	5	Deficit: -3	5	Deficit: -2	
Kaiser Portland	1.3	2	Adequate 0	2	Surplus: 1	
7 Kaiser Plans	1.7	2	Adequate 0	2	Surplus: 1	
GMH Seattle	1.2	2	Adequate 0	2	Surplus: 1	
Three HMOs						
Average Requirement	2.0	3	Deficit: -1	3	Adequate 0	
		<b>2004 Actual</b>			<b>2010 Projected</b>	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>OB/GYN</b>		<b>138,992</b>	<b>15</b>	<b>10.8</b>	<b>141,138</b>	<b>24</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	14.3	20	Deficit: -5	20	Surplus: 4	
Two Mature HMO	12.1	17	Deficit: -2	17	Surplus: 7	
Adjusted FTE	11.3	16	Deficit: -1	16	Surplus: 8	
GMENAC	9.9	14	Surplus: 1	14	Surplus: 10	
Kaiser Portland	11.6	16	Deficit: -1	16	Surplus: 8	
7 Kaiser Plans	11.1	15	Adequate 0	16	Surplus: 8	
GMH Seattle	10.0	14	Surplus: 1	14	Surplus: 10	
Three HMOs	8.8	12	Surplus: 3	12	Surplus: 12	
Average Requirement	10.7	15	Adequate 0	15	Surplus: 9	

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Ophthalmology</b>		<b>138,992</b>	<b>4</b>	<b>2.9</b>	<b>141,138</b>	<b>5</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	6.4	9	Deficit: -5		9	Deficit: -4
Two Mature HMO	5.9	8	Deficit: -4		8	Deficit: -3
Adjusted FTE	5.5	8	Deficit: -4		8	Deficit: -3
GMENAC	4.6	6	Deficit: -2		6	Deficit: -1
Kaiser Portland	2.4	3	Surplus: 1		3	Surplus: 2
7 Kaiser Plans	3.1	4	Adequate 0		4	Surplus: 1
GMH Seattle	5.0	7	Deficit: -3		7	Deficit: -2
Three HMOs						
Average Requirement	4.4	6	Deficit: -2		6	Deficit: -1

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Orthopedic Surgery</b>		<b>138,992</b>	<b>5</b>	<b>3.6</b>	<b>141,138</b>	<b>8</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	8.1	11	Deficit: -6		11	Deficit: -3
Two Mature HMO	6.8	9	Deficit: -4		10	Deficit: -2
Adjusted FTE	6.4	9	Deficit: -4		9	Deficit: -1
GMENAC	6.0	8	Deficit: -3		8	Adequate 0
Kaiser Portland	5.9	8	Deficit: -3		8	Adequate 0
7 Kaiser Plans	4.2	6	Deficit: -1		6	Surplus: 2
GMH Seattle	6.7	9	Deficit: -4		9	Deficit: -1
Three HMOs	3.0	4	Surplus: 1		4	Surplus: 4
Average Requirement	5.6	8	Deficit: -3		8	Adequate 0

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Otolaryngology</b>		<b>138,992</b>	<b>4</b>	<b>2.9</b>	<b>141,138</b>	<b>5</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	3.4	5	Deficit: -1		5	Adequate 0
Two Mature HMO	3.2	4	Adequate 0		5	Adequate 0
Adjusted FTE						
GMENAC	3.2	4	Adequate 0		5	Adequate 0
Kaiser Portland	3.4	5	Deficit: -1		5	Adequate 0
7 Kaiser Plans	2.4	3	Surplus: 1		3	Surplus: 2
GMH Seattle	3.0	4	Adequate 0		4	Surplus: 1
Three HMOs						
Average Requirement	3.0	4	Adequate 0		4	Surplus: 1

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Pathology</b>		<b>138,992</b>	<b>4</b>	<b>2.9</b>	<b>141,138</b>	<b>5</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	6.3	9	Deficit: -5		9	Deficit: -4
Two Mature HMO	1.9	3	Surplus: 1		3	Surplus: 2
Adjusted FTE	1.8	3	Surplus: 1		3	Surplus: 2
GMENAC	6.4	9	Deficit: -5		9	Deficit: -4
Kaiser Portland	3.3	5	Deficit: -1		5	Adequate 0
7 Kaiser Plans	1.8	3	Surplus: 1		3	Surplus: 2
GMH Seattle						
Three HMOs						
Average Requirement	3.0	4	Adequate 0		4	Surplus: 1
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Pediatrics</b>		<b>138,992</b>	<b>14</b>	<b>10.1</b>	<b>141,138</b>	<b>21</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	23.9	33	Deficit: -19		34	Deficit: -13
Two Mature HMO	16.6	23	Deficit: -9		23	Deficit: -2
Adjusted FTE	15.5	22	Deficit: -8		22	Deficit: -1
GMENAC	12.4	17	Deficit: -3		18	Surplus: 3
Kaiser Portland	11.9	17	Deficit: -3		17	Surplus: 4
7 Kaiser Plans	16.1	22	Deficit: -8		23	Deficit: -2
GMH Seattle						
Three HMOs	9.8	14	Adequate 0		14	Surplus: 7
Average Requirement	13.7	19	Deficit: -5		19	Surplus: 2
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Psychiatry</b>		<b>138,992</b>	<b>11</b>	<b>7.9</b>	<b>141,138</b>	<b>14</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	13.7	19	Deficit: -8		19	Deficit: -5
Two Mature HMO	7.7	11	Adequate 0		11	Surplus: 3
Adjusted FTE	7.2	10	Surplus: 1		10	Surplus: 4
GMENAC	15.4	21	Deficit: -10		22	Deficit: -8
Kaiser Portland	5.2	7	Surplus: 4		7	Surplus: 7
7 Kaiser Plans	4.1	6	Surplus: 5		6	Surplus: 8
GMH Seattle						
Three HMOs						
Average Requirement	7.1	10	Surplus: 1		10	Surplus: 4

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		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Pulmonary Diseases</b>		<b>138,992</b>	<b>1</b>	<b>0.7</b>	<b>141,138</b>	<b>2</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	3.3	5	Deficit: -4		5	Deficit: -3
Two Mature HMO	2.0	3	Deficit: -2		3	Deficit: -1
Adjusted FTE	1.9	3	Deficit: -2		3	Deficit: -1
GMENAC	1.4	2	Deficit: -1		2	Adequate 0
Kaiser Portland	1.4	2	Deficit: -1		2	Adequate 0
7 Kaiser Plans	1.0	1	Adequate 0		1	Surplus: 1
GMH Seattle	1.4	2	Deficit: -1		2	Adequate 0
Three HMOs						
Average Requirement	1.5	2	Deficit: -1		2	Adequate 0
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>Radiology</b>		<b>138,992</b>	<b>4</b>	<b>2.9</b>	<b>141,138</b>	<b>6</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	3.0	4	Adequate 0		4	Surplus: 2
Two Mature HMO	13.6	19	Deficit: -15		19	Deficit: -13
Adjusted FTE	13.7	19	Deficit: -15		19	Deficit: -13
GMENAC	7.7	11	Deficit: -7		11	Deficit: -5
Kaiser Portland	8.5	12	Deficit: -8		12	Deficit: -6
7 Kaiser Plans	4.7	7	Deficit: -3		7	Deficit: -1
GMH Seattle	7.7	11	Deficit: -7		11	Deficit: -5
Three HMOs						
Average Requirement	9.3	13	Deficit: -9		13	Deficit: -7
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
<b>General Surgery</b>		<b>138,992</b>	<b>8</b>	<b>5.8</b>	<b>141,138</b>	<b>10</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	12.8	18	Deficit: -10		18	Deficit: -8
Two Mature HMO	9.4	13	Deficit: -5		13	Deficit: -3
Adjusted FTE	8.8	12	Deficit: -4		12	Deficit: -2
GMENAC	9.7	13	Deficit: -5		14	Deficit: -4
Kaiser Portland	7.0	10	Deficit: -2		10	Adequate 0
7 Kaiser Plans	6.2	9	Deficit: -1		9	Surplus: 1
GMH Seattle	5.9	8	Adequate 0		8	Surplus: 2
Three HMOs	4.2	6	Surplus: 2		6	Surplus: 4
Average Requirement	7.3	10	Deficit: -2		10	Adequate 0

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Physician Specialty	2004 Actual			2010 Projected	
	Pop.	Phys.	/100k	Pop.	Physicians
<b>Urology</b>	<b>138,992</b>	<b>5</b>	<b>3.6</b>	<b>141,138</b>	<b>6</b>
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status
AMA	3.6	5	Adequate 0	5	Surplus: 1
Two Mature HMO	3.5	5	Adequate 0	5	Surplus: 1
Adjusted FTE	3.3	5	Adequate 0	5	Surplus: 1
GMENAC	3.1	4	Surplus: 1	4	Surplus: 2
Kaiser Portland	3.3	5	Adequate 0	5	Surplus: 1
7 Kaiser Plans	2.3	3	Surplus: 2	3	Surplus: 3
GMH Seattle	2.9	4	Surplus: 1	4	Surplus: 2
Three HMOs					
Average Requirement	3.1	4	Surplus: 1	4	Surplus: 2

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 U.S., 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.

(6) Weiner, J.P. 1994 Forecasting the Effects of Health Reform on U.S. Physician Workforce Requirement. JAMA 272, no. 3:222-230.

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