

## SOWEGA AHEC Physician Standard Report

Included Counties: Atkinson, Baker, Ben Hill, Berrien, Brooks, Calhoun, Clay, Clinch, Coffee, Colquitt, Cook, Crisp, Decatur, Dooly, Dougherty, Early, Echols, Grady, Irwin, Lanier, Lee, Lowndes, Miller, Mitchell, Pulaski, Quitman, Randolph, Seminole, Stewart, Sumter, Terrell, Thomas, Tift, Turner, Webster, Wilcox, Worth

Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Allergy &amp; Immunology</b>			<b>753,730</b>	<b>7</b>	<b>0.9</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	1.4	11	Deficit: -4		11	
Two Mature HMO	1.5	11	Deficit: -4		11	
Adjusted FTE	1.4	11	Deficit: -4		11	
GMENAC	0.8	6	Surplus: 1		6	
Kaiser Portland	1.7	13	Deficit: -6		13	
7 Kaiser Plans	1.2	9	Deficit: -2		9	
GHC Seattle	1.1	8	Deficit: -1		8	
Three HMOs						
Goodman	1.3	10	Deficit: -3		10	
Hicks & Glenn						
Solucient	1.7	13	Deficit: -6		13	
Average Requirement	1.3	10	Deficit: -3		10	

Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Anesthesiology</b>			<b>753,730</b>	<b>42</b>	<b>5.6</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	14.0	106	Deficit: -64		105	
Two Mature HMO	9.7	73	Deficit: -31		73	
Adjusted FTE	9.1	69	Deficit: -27		68	
GMENAC	8.9	67	Deficit: -25		67	
Kaiser Portland	5.9	44	Deficit: -2		44	
7 Kaiser Plans	3.9	29	Surplus: 13		29	
GHC Seattle	9.0	68	Deficit: -26		68	
Three HMOs						
Goodman	7.0	53	Deficit: -11		53	
Hicks & Glenn						
Solucient						
Average Requirement	7.6	57	Deficit: -15		57	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Physician Need
<b>Cardiovascular Diseases</b>		<b>753,730</b>	<b>29</b>	<b>3.8</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	57	Deficit: -28	56	
Two Mature HMO	5.4	41	Deficit: -12	41	
Adjusted FTE	5.0	38	Deficit: -9	38	
GMENAC	3.1	23	Surplus: 6	23	
Kaiser Portland	3.0	23	Surplus: 6	23	
7 Kaiser Plans	1.8	14	Surplus: 15	14	
GHC Seattle	2.9	22	Surplus: 7	22	
Three HMOs					
Goodman	3.6	27	Surplus: 2	27	
Hicks & Glenn	2.6	20	Surplus: 9	20	
Solucient	4.2	32	Deficit: -3	32	
Average Requirement	3.5	26	Surplus: 3	26	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Physician Need
<b>Dermatology</b>		<b>753,730</b>	<b>10</b>	<b>1.3</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	28	Deficit: -18	28	
Two Mature HMO	2.8	21	Deficit: -11	21	
Adjusted FTE	2.6	20	Deficit: -10	20	
GMENAC	2.8	21	Deficit: -11	21	
Kaiser Portland	2.5	19	Deficit: -9	19	
7 Kaiser Plans	2.4	18	Deficit: -8	18	
GHC Seattle	2.6	20	Deficit: -10	20	
Three HMOs	1.6	12	Deficit: -2	12	
Goodman	1.4	11	Deficit: -1	11	
Hicks & Glenn	2.1	16	Deficit: -6	16	
Solucient	3.1	24	Deficit: -14	24	
Average Requirement	2.4	18	Deficit: -8	18	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Emergency Medicine</b>		<b>753,730</b>	<b>59</b>	<b>7.8</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	79	Deficit: -20	79	
Two Mature HMO	5.5	41	Surplus: 18	41	
Adjusted FTE	5.2	39	Surplus: 20	39	
GMENAC	5.4	41	Surplus: 18	41	
Kaiser Portland	6.7	50	Surplus: 9	50	
7 Kaiser Plans	5.3	40	Surplus: 19	40	
GHC Seattle					
Three HMOs					
Goodman	2.7	20	Surplus: 39	20	
Hicks & Glenn					
Solucient	12.4	93	Deficit: -34	93	
Average Requirement	6.2	47	Surplus: 12	47	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Endocrinology, Diabetes &amp; Metabolism</b>		<b>753,730</b>	<b>1</b>	<b>0.1</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	14	Deficit: -13	14	
Two Mature HMO	1.1	8	Deficit: -7	8	
Adjusted FTE	1.0	8	Deficit: -7	8	
GMENAC	0.8	6	Deficit: -5	6	
Kaiser Portland	0.9	7	Deficit: -6	7	
7 Kaiser Plans	1.1	8	Deficit: -7	8	
GHC Seattle					
Three HMOs	0.6	5	Deficit: -4	5	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	7	Deficit: -6	7	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Family Practice</b>		<b>753,730</b>	<b>231</b>	<b>30.6</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	237	Deficit: -6	237	
Two Mature HMO	45.6	344	Deficit: -113	342	
Adjusted FTE	42.6	321	Deficit: -90	320	
GMENAC	25.2	190	Surplus: 41	189	
Kaiser Portland	16.7	126	Surplus: 105	125	
7 Kaiser Plans	11.0	83	Surplus: 148	83	
GHC Seattle					
Three HMOs	9.2	69	Surplus: 162	69	
Goodman					
Hicks & Glenn	16.2	122	Surplus: 109	122	
Solucient	22.5	170	Surplus: 61	169	
Average Requirement	23.6	178	Surplus: 53	177	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Gastroenterology</b>		<b>753,730</b>	<b>21</b>	<b>2.8</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	32	Deficit: -11	32	
Two Mature HMO	3.1	23	Deficit: -2	23	
Adjusted FTE					
GMENAC	3.2	24	Deficit: -3	24	
Kaiser Portland	1.7	13	Surplus: 8	13	
7 Kaiser Plans	1.7	13	Surplus: 8	13	
GHC Seattle					
Three HMOs					
Goodman	1.3	10	Surplus: 11	10	
Hicks & Glenn					
Solucient	3.5	26	Deficit: -5	26	
Average Requirement	2.4	18	Surplus: 3	18	

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Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Hematology/Oncology</b>			<b>753,730</b>	<b>1</b>	<b>0.1</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	3.5	26	Deficit: -25		26	
Two Mature HMO	2.5	19	Deficit: -18		19	
Adjusted FTE	2.4	18	Deficit: -17		18	
GMENAC	3.6	27	Deficit: -26		27	
Kaiser Portland	2.3	17	Deficit: -16		17	
7 Kaiser Plans	1.8	14	Deficit: -13		14	
GHC Seattle	1.6	12	Deficit: -11		12	
Three HMOs	2.6	20	Deficit: -19		20	
Goodman	1.2	9	Deficit: -8		9	
Hicks & Glenn						
Solucient	1.1	8	Deficit: -7		8	
Average Requirement	2.1	16	Deficit: -15		16	

Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Infectious Disease</b>			<b>753,730</b>	<b>4</b>	<b>0.5</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	2.2	17	Deficit: -13		17	
Two Mature HMO	0.7	5	Deficit: -1		5	
Adjusted FTE	0.6	5	Deficit: -1		5	
GMENAC	0.9	7	Deficit: -3		7	
Kaiser Portland	1.2	9	Deficit: -5		9	
7 Kaiser Plans	0.7	5	Deficit: -1		5	
GHC Seattle	0.6	5	Deficit: -1		5	
Three HMOs						
Goodman						
Hicks & Glenn						
Solucient						
Average Requirement	0.8	6	Deficit: -2		6	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Physician Need
<b>Internal Medicine</b>		<b>753,730</b>	<b>163</b>	<b>21.6</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	400	Deficit: -237	399	
Two Mature HMO	21.4	161	Surplus: 2	161	
Adjusted FTE	20.0	151	Surplus: 12	150	
GMENAC	28.8	217	Deficit: -54	216	
Kaiser Portland	28.1	212	Deficit: -49	211	
7 Kaiser Plans	30.3	228	Deficit: -65	228	
GHC Seattle					
Three HMOs	16.7	126	Surplus: 37	125	
Goodman					
Hicks & Glenn	11.3	85	Surplus: 78	85	
Solucient	19.0	143	Surplus: 20	143	
Average Requirement	22.0	166	Deficit: -3	165	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Physician Need
<b>Nephrology</b>		<b>753,730</b>	<b>19</b>	<b>2.5</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	20	Deficit: -1	20	
Two Mature HMO	1.4	11	Surplus: 8	11	
Adjusted FTE	1.3	10	Surplus: 9	10	
GMENAC	1.1	8	Surplus: 11	8	
Kaiser Portland	0.8	6	Surplus: 13	6	
7 Kaiser Plans	0.7	5	Surplus: 14	5	
GHC Seattle	0.9	7	Surplus: 12	7	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	6	Surplus: 13	5	
Average Requirement	1.0	8	Surplus: 11	8	

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			2008 Actual			2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
<b>Neurological Surgery</b>			<b>753,730</b>	<b>9</b>	<b>1.2</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	1.9	14	Deficit:	-5		14
Two Mature HMO	1.1	8	Surplus:	1		8
Adjusted FTE	1.0	8	Surplus:	1		8
GMENAC	1.1	8	Surplus:	1		8
Kaiser Portland	1.4	11	Deficit:	-2		11
7 Kaiser Plans						
GHC Seattle	0.4	3	Surplus:	6		3
Three HMOs						
Goodman	0.7	5	Surplus:	4		5
Hicks & Glenn						
Solucient						
Average Requirement	1.0	8	Surplus:	1		8

			2008 Actual			2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
<b>Neurology</b>			<b>753,730</b>	<b>16</b>	<b>2.1</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	5.0	38	Deficit:	-22		38
Two Mature HMO	2.4	18	Deficit:	-2		18
Adjusted FTE	2.3	17	Deficit:	-1		17
GMENAC	3.3	25	Deficit:	-9		25
Kaiser Portland	1.3	10	Surplus:	6		10
7 Kaiser Plans	1.7	13	Surplus:	3		13
GHC Seattle	1.2	9	Surplus:	7		9
Three HMOs						
Goodman	2.1	16	Adequate	0		16
Hicks & Glenn	1.4	11	Surplus:	5		11
Solucient	1.8	13	Surplus:	3		13
Average Requirement	1.9	14	Surplus:	2		14

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Physician Specialty			2008 Actual			2015 Projected
OB/GYN			Population	Physicians	/100k	Population
<b>OB/GYN</b>			<b>753,730</b>	<b>77</b>	<b>10.2</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	14.1	106	Deficit: -29			106
Two Mature HMO	12.1	91	Deficit: -14			91
Adjusted FTE	11.3	85	Deficit: -8			85
GMENAC	9.9	75	Surplus: 2			74
Kaiser Portland	11.6	87	Deficit: -10			87
7 Kaiser Plans	11.5	87	Deficit: -10			86
GHC Seattle	10.0	75	Surplus: 2			75
Three HMOs	8.8	66	Surplus: 11			66
Goodman	8.4	63	Surplus: 14			63
Hicks & Glenn	8.0	60	Surplus: 17			60
Solucient	10.2	77	Adequate 0			76
Average Requirement	10.2	77	Adequate 0			77

Physician Specialty			2008 Actual			2015 Projected
Ophthalmology			Population	Physicians	/100k	Population
<b>Ophthalmology</b>			<b>753,730</b>	<b>30</b>	<b>4.0</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	6.0	45	Deficit: -15			45
Two Mature HMO	5.9	44	Deficit: -14			44
Adjusted FTE	5.5	41	Deficit: -11			41
GMENAC	4.6	35	Deficit: -5			35
Kaiser Portland	2.4	18	Surplus: 12			18
7 Kaiser Plans	3.1	23	Surplus: 7			23
GHC Seattle	5.0	38	Deficit: -8			38
Three HMOs						
Goodman	3.5	26	Surplus: 4			26
Hicks & Glenn	3.2	24	Surplus: 6			24
Solucient	4.7	36	Deficit: -6			35
Average Requirement	4.2	32	Deficit: -2			32



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Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Orthopedic Surgery</b>			<b>753,730</b>	<b>64</b>	<b>8.5</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	8.3	63	Surplus: 1			62
Two Mature HMO	6.8	51	Surplus: 13			51
Adjusted FTE	6.4	48	Surplus: 16			48
GMENAC	6.0	45	Surplus: 19			45
Kaiser Portland	5.9	44	Surplus: 20			44
7 Kaiser Plans	4.2	32	Surplus: 32			32
GHC Seattle	6.7	50	Surplus: 14			50
Three HMOs	3.0	23	Surplus: 41			23
Goodman	5.9	44	Surplus: 20			44
Hicks & Glenn	4.2	32	Surplus: 32			32
Solucient	6.1	46	Surplus: 18			46
Average Requirement	5.5	41	Surplus: 23			41

Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Otolaryngology</b>			<b>753,730</b>	<b>18</b>	<b>2.4</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	3.4	26	Deficit: -8			26
Two Mature HMO	3.2	24	Deficit: -6			24
Adjusted FTE						
GMENAC	3.2	24	Deficit: -6			24
Kaiser Portland	3.4	26	Deficit: -8			26
7 Kaiser Plans	2.4	18	Adequate 0			18
GHC Seattle	3.0	23	Deficit: -5			23
Three HMOs						
Goodman						
Hicks & Glenn						
Solucient						
Average Requirement	3.0	23	Deficit: -5			23

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Physician Specialty			2008 Actual			2015 Projected
Pathology			Population	Physicians	/100k	Population
			<b>753,730</b>	<b>29</b>	<b>3.8</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	6.3	47	Deficit: -18		47	
Two Mature HMO	1.9	14	Surplus: 15		14	
Adjusted FTE	1.8	14	Surplus: 15		14	
GMENAC	6.4	48	Deficit: -19		48	
Kaiser Portland	3.3	25	Surplus: 4		25	
7 Kaiser Plans	1.8	14	Surplus: 15		14	
GHC Seattle						
Three HMOs						
Goodman	4.1	31	Deficit: -2		31	
Hicks & Glenn						
Solucient						
Average Requirement	3.2	24	Surplus: 5		24	

Physician Specialty			2008 Actual			2015 Projected
Pediatrics			Population	Physicians	/100k	Population
			<b>753,730</b>	<b>89</b>	<b>11.8</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	24.9	188	Deficit: -99		187	
Two Mature HMO	16.6	125	Deficit: -36		125	
Adjusted FTE	15.5	117	Deficit: -28		116	
GMENAC	12.4	93	Deficit: -4		93	
Kaiser Portland	11.9	90	Deficit: -1		89	
7 Kaiser Plans	16.0	121	Deficit: -32		120	
GHC Seattle						
Three HMOs	9.8	74	Surplus: 15		74	
Goodman						
Hicks & Glenn	7.6	57	Surplus: 32		57	
Solucient	13.9	105	Deficit: -16		104	
Average Requirement	13.0	98	Deficit: -9		98	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Plastic Surgery</b>		<b>753,730</b>	<b>9</b>	<b>1.2</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	18	Deficit: -9	18	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	8	Surplus: 1	8	
Kaiser Portland	0.3	2	Surplus: 7	2	
7 Kaiser Plans					
GHC Seattle	0.4	3	Surplus: 6	3	
Three HMOs					
Goodman	1.1	8	Surplus: 1	8	
Hicks & Glenn	2.3	17	Deficit: -8	17	
Solucient	2.2	17	Deficit: -8	17	
Average Requirement		9	Adequate 0	9	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians	/100k	Population
<b>Psychiatry</b>		<b>753,730</b>	<b>61</b>	<b>8.1</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	103	Deficit: -42	102	
Two Mature HMO		58	Surplus: 3	58	
Adjusted FTE		54	Surplus: 7	54	
GMENAC	15.4	116	Deficit: -55	116	
Kaiser Portland	5.2	39	Surplus: 22	39	
7 Kaiser Plans		31	Surplus: 30	31	
GHC Seattle					
Three HMOs					
Goodman	7.2	54	Surplus: 7	54	
Hicks & Glenn	3.9	29	Surplus: 32	29	
Solucient	5.7	43	Surplus: 18	43	
Average Requirement		54	Surplus: 7	53	

## SOWEGA AHEC Physician Standard Report

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Pulmonary Diseases</b>		<b>753,730</b>	<b>10</b>	<b>1.3</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	26	Deficit: -16	26	
Two Mature HMO	2.0	15	Deficit: -5	15	
Adjusted FTE	1.9	14	Deficit: -4	14	
GMENAC	1.4	11	Deficit: -1	11	
Kaiser Portland	1.4	11	Deficit: -1	11	
7 Kaiser Plans	1.0	8	Surplus: 2	8	
GHC Seattle	1.4	11	Deficit: -1	11	
Three HMOs					
Goodman	1.4	11	Deficit: -1	11	
Hicks & Glenn					
Solucient	1.3	10	Adequate 0	10	
Average Requirement	1.5	11	Deficit: -1	11	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Radiology</b>		<b>753,730</b>	<b>56</b>	<b>7.4</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	86	Deficit: -30	86	
Two Mature HMO	13.6	103	Deficit: -47	102	
Adjusted FTE	13.7	103	Deficit: -47	103	
GMENAC	7.7	58	Deficit: -2	58	
Kaiser Portland	8.5	64	Deficit: -8	64	
7 Kaiser Plans	4.7	35	Surplus: 21	35	
GHC Seattle	7.7	58	Deficit: -2	58	
Three HMOs					
Goodman	8.0	60	Deficit: -4	60	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	69	Deficit: -13	68	

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Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>Rheumatology</b>			<b>753,730</b>	<b>4</b>	<b>0.5</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	1.5	11	Deficit: -7			11
Two Mature HMO	1.1	8	Deficit: -4			8
Adjusted FTE	1.0	8	Deficit: -4			8
GMENAC	0.7	5	Deficit: -1			5
Kaiser Portland	0.4	3	Surplus: 1			3
7 Kaiser Plans	0.7	5	Deficit: -1			5
GHC Seattle	0.7	5	Deficit: -1			5
Three HMOs						
Goodman	0.4	3	Surplus: 1			3
Hicks & Glenn						
Solucient	1.3	10	Deficit: -6			10
Average Requirement	0.8	6	Deficit: -2			6

Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians	/100k	Population
<b>General Surgery</b>			<b>753,730</b>	<b>65</b>	<b>8.6</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status			Physician Need
AMA	12.5	94	Deficit: -29			94
Two Mature HMO	9.4	71	Deficit: -6			71
Adjusted FTE	8.8	66	Deficit: -1			66
GMENAC	9.7	73	Deficit: -8			73
Kaiser Portland	7.0	53	Surplus: 12			53
7 Kaiser Plans	6.2	47	Surplus: 18			47
GHC Seattle	5.9	44	Surplus: 21			44
Three HMOs	4.2	32	Surplus: 33			32
Goodman	9.7	73	Deficit: -8			73
Hicks & Glenn	4.1	31	Surplus: 34			31
Solucient	6.0	45	Surplus: 20			45
Average Requirement	7.1	54	Surplus: 11			53

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians	/100k	Population
<b>Thoracic Surgery</b>	<b>753,730</b>	<b>3</b>	<b>0.4</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.5	11	Deficit: -8	11
Two Mature HMO				
Adjusted FTE				
GMENAC	0.8	6	Deficit: -3	6
Kaiser Portland	0.1	1	Surplus: 2	1
7 Kaiser Plans				
GHC Seattle				
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.5	4	Deficit: -1	4

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians	/100k	Population
<b>Urology</b>	<b>753,730</b>	<b>20</b>	<b>2.7</b>	<b>750,943</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	26	Deficit: -6	26
Two Mature HMO	3.5	26	Deficit: -6	26
Adjusted FTE	3.3	25	Deficit: -5	25
GMENAC	3.1	23	Deficit: -3	23
Kaiser Portland	3.3	25	Deficit: -5	25
7 Kaiser Plans	2.3	17	Surplus: 3	17
GHC Seattle	2.9	22	Deficit: -2	22
Three HMOs				
Goodman	2.6	20	Adequate 0	20
Hicks & Glenn	1.9	14	Surplus: 6	14
Solucient	2.9	22	Deficit: -2	21
Average Requirement	2.9	22	Deficit: -2	22

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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.
- (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.
- (6) Weiner, J.P. 1994 Forecasting the Effects of Health Reform on U.S. Physician Workforce Requirement. JAMA 272, no. 3:222-230.
- (7) Steinwachs, D., J.P. Weiner, S. Shapiro, et al. 1986. A Comparison of the Requirements for Primary Care Physicians in with Projections Made by the Graduate Medical National Advisory Committee. New England Journal of Medicine 314:217-222.
- (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.
- (9) Vansdow, N.A. The Physician Workforce: Issues for Academic Medical Centers. Forum on the Future of Academic Medicine. December 2, 1996.
- (10) Forte, G.J., Dionne, M., Beaulieu, M., and Salsberg, E. Profile of New York State Physicians. Rensselaer, NY: Center for Health Workforce Studies, School of Public Health, SUNY Albany. April 2001.
- (11) A Review of Physician-to-Population Ratios. Merritt Hawkins & Associates. GMENAC, Goodman (Dec. 11, 1996 JAMA), Hicks & Glenn (1989 Journal of Health Care Management), Solucient (2003).
- (12) American Medical Association. Physician Characteristics and Distribution in the US, 2010 Edition; 2010.