

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Allergy &amp; Immunology</b>		<b>241,618</b>	<b>3</b>	<b>1.2</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.4	3	Adequate 0	3	
Two Mature HMO	1.5	4	Deficit: -1	4	
Adjusted FTE	1.4	3	Adequate 0	3	
GMENAC	0.8	2	Surplus: 1	2	
Kaiser Portland	1.7	4	Deficit: -1	4	
7 Kaiser Plans	1.2	3	Adequate 0	3	
GHC Seattle	1.1	3	Adequate 0	3	
Three HMOs					
Goodman	1.3	3	Adequate 0	3	
Hicks & Glenn					
Solucient	1.7	4	Deficit: -1	4	
Average Requirement	1.3	3	Adequate 0	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Anesthesiology</b>		<b>241,618</b>	<b>26</b>	<b>10.8</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	34	Deficit: -8	34	
Two Mature HMO	9.7	23	Surplus: 3	23	
Adjusted FTE	9.1	22	Surplus: 4	22	
GMENAC	8.9	22	Surplus: 4	21	
Kaiser Portland	5.9	14	Surplus: 12	14	
7 Kaiser Plans	3.9	9	Surplus: 17	9	
GHC Seattle	9.0	22	Surplus: 4	22	
Three HMOs					
Goodman	7.0	17	Surplus: 9	17	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	18	Surplus: 8	18	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Cardiovascular Diseases</b>		<b>241,618</b>	<b>14</b>	<b>5.8</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	18	Deficit: -4	18	
Two Mature HMO	5.4	13	Surplus: 1	13	
Adjusted FTE	5.0	12	Surplus: 2	12	
GMENAC	3.1	7	Surplus: 7	7	
Kaiser Portland	3.0	7	Surplus: 7	7	
7 Kaiser Plans	1.8	4	Surplus: 10	4	
GHC Seattle	2.9	7	Surplus: 7	7	
Three HMOs					
Goodman	3.6	9	Surplus: 5	9	
Hicks & Glenn	2.6	6	Surplus: 8	6	
Solucient	4.2	10	Surplus: 4	10	
Average Requirement	3.5	8	Surplus: 6	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Dermatology</b>		<b>241,618</b>	<b>10</b>	<b>4.1</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	9	Surplus: 1	9	
Two Mature HMO	2.8	7	Surplus: 3	7	
Adjusted FTE	2.6	6	Surplus: 4	6	
GMENAC	2.8	7	Surplus: 3	7	
Kaiser Portland	2.5	6	Surplus: 4	6	
7 Kaiser Plans	2.4	6	Surplus: 4	6	
GHC Seattle	2.6	6	Surplus: 4	6	
Three HMOs	1.6	4	Surplus: 6	4	
Goodman	1.4	3	Surplus: 7	3	
Hicks & Glenn	2.1	5	Surplus: 5	5	
Solucient	3.1	8	Surplus: 2	8	
Average Requirement	2.4	6	Surplus: 4	6	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
<b>Emergency Medicine</b>	<b>241,618</b>	<b>21</b>	<b>8.7</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	10.5	25	Deficit: -4	25
Two Mature HMO	5.5	13	Surplus: 8	13
Adjusted FTE	5.2	13	Surplus: 8	13
GMENAC	5.4	13	Surplus: 8	13
Kaiser Portland	6.7	16	Surplus: 5	16
7 Kaiser Plans	5.3	13	Surplus: 8	13
GHC Seattle				
Three HMOs				
Goodman	2.7	7	Surplus: 14	7
Hicks & Glenn				
Solucient	12.4	30	Deficit: -9	30
Average Requirement	6.2	15	Surplus: 6	15

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
<b>Endocrinology, Diabetes &amp; Metabolism</b>	<b>241,618</b>	<b>4</b>	<b>1.7</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.8	4	Adequate 0	4
Two Mature HMO	1.1	3	Surplus: 1	3
Adjusted FTE	1.0	2	Surplus: 2	2
GMENAC	0.8	2	Surplus: 2	2
Kaiser Portland	0.9	2	Surplus: 2	2
7 Kaiser Plans	1.1	3	Surplus: 1	3
GHC Seattle				
Three HMOs	0.6	1	Surplus: 3	1
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.9	2	Surplus: 2	2

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Family Practice</b>		<b>241,618</b>	<b>135</b>	<b>55.9</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	76	Surplus: 59	76	
Two Mature HMO	45.6	110	Surplus: 25	110	
Adjusted FTE	42.6	103	Surplus: 32	103	
GMENAC	25.2	61	Surplus: 74	61	
Kaiser Portland	16.7	40	Surplus: 95	40	
7 Kaiser Plans	11.0	27	Surplus: 108	27	
GHC Seattle					
Three HMOs	9.2	22	Surplus: 113	22	
Goodman					
Hicks & Glenn	16.2	39	Surplus: 96	39	
Solucient	22.5	54	Surplus: 81	54	
Average Requirement	23.6	57	Surplus: 78	57	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Gastroenterology</b>		<b>241,618</b>	<b>8</b>	<b>3.3</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	10	Deficit: -2	10	
Two Mature HMO	3.1	7	Surplus: 1	7	
Adjusted FTE					
GMENAC	3.2	8	Adequate 0	8	
Kaiser Portland	1.7	4	Surplus: 4	4	
7 Kaiser Plans	1.7	4	Surplus: 4	4	
GHC Seattle					
Three HMOs					
Goodman	1.3	3	Surplus: 5	3	
Hicks & Glenn					
Solucient	3.5	8	Adequate 0	8	
Average Requirement	2.4	6	Surplus: 2	6	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
<b>Hematology/Oncology</b>	<b>241,618</b>	<b>1</b>	<b>0.4</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	8	Deficit: -7	8
Two Mature HMO	2.5	6	Deficit: -5	6
Adjusted FTE	2.4	6	Deficit: -5	6
GMENAC	3.6	9	Deficit: -8	9
Kaiser Portland	2.3	6	Deficit: -5	6
7 Kaiser Plans	1.8	4	Deficit: -3	4
GHC Seattle	1.6	4	Deficit: -3	4
Three HMOs	2.6	6	Deficit: -5	6
Goodman	1.2	3	Deficit: -2	3
Hicks & Glenn				
Solucient	1.1	3	Deficit: -2	3
Average Requirement	2.1	5	Deficit: -4	5

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
<b>Infectious Disease</b>	<b>241,618</b>	<b>2</b>	<b>0.8</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.2	5	Deficit: -3	5
Two Mature HMO	0.7	2	Adequate 0	2
Adjusted FTE	0.6	1	Surplus: 1	1
GMENAC	0.9	2	Adequate 0	2
Kaiser Portland	1.2	3	Deficit: -1	3
7 Kaiser Plans	0.7	2	Adequate 0	2
GHC Seattle	0.6	1	Surplus: 1	1
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.8	2	Adequate 0	2

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Internal Medicine</b>		<b>241,618</b>	<b>48</b>	<b>19.9</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	53.1	128	Deficit: -80		128
Two Mature HMO	21.4	52	Deficit: -4		52
Adjusted FTE	20.0	48	Adequate 0		48
GMENAC	28.8	70	Deficit: -22		70
Kaiser Portland	28.1	68	Deficit: -20		68
7 Kaiser Plans	30.3	73	Deficit: -25		73
GHC Seattle					
Three HMOs	16.7	40	Surplus: 8		40
Goodman					
Hicks & Glenn	11.3	27	Surplus: 21		27
Solucient	19.0	46	Surplus: 2		46
Average Requirement	22.0	53	Deficit: -5		53

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Nephrology</b>		<b>241,618</b>	<b>9</b>	<b>3.7</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	2.6	6	Surplus: 3		6
Two Mature HMO	1.4	3	Surplus: 6		3
Adjusted FTE	1.3	3	Surplus: 6		3
GMENAC	1.1	3	Surplus: 6		3
Kaiser Portland	0.8	2	Surplus: 7		2
7 Kaiser Plans	0.7	2	Surplus: 7		2
GHC Seattle	0.9	2	Surplus: 7		2
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	2	Surplus: 7		2
Average Requirement	1.0	2	Surplus: 7		2

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Neurological Surgery</b>		<b>241,618</b>	<b>4</b>	<b>1.7</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.9	5	Deficit: -1	5	
Two Mature HMO	1.1	3	Surplus: 1	3	
Adjusted FTE	1.0	2	Surplus: 2	2	
GMENAC	1.1	3	Surplus: 1	3	
Kaiser Portland	1.4	3	Surplus: 1	3	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 3	1	
Three HMOs					
Goodman	0.7	2	Surplus: 2	2	
Hicks & Glenn					
Solucient					
Average Requirement	1.0	2	Surplus: 2	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Neurology</b>		<b>241,618</b>	<b>5</b>	<b>2.1</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	12	Deficit: -7	12	
Two Mature HMO	2.4	6	Deficit: -1	6	
Adjusted FTE	2.3	6	Deficit: -1	6	
GMENAC	3.3	8	Deficit: -3	8	
Kaiser Portland	1.3	3	Surplus: 2	3	
7 Kaiser Plans	1.7	4	Surplus: 1	4	
GHC Seattle	1.2	3	Surplus: 2	3	
Three HMOs					
Goodman	2.1	5	Adequate 0	5	
Hicks & Glenn	1.4	3	Surplus: 2	3	
Solucient	1.8	4	Surplus: 1	4	
Average Requirement	1.9	5	Adequate 0	5	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>OB/GYN</b>		<b>241,618</b>	<b>25</b>	<b>10.3</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	34	Deficit: -9	34	
Two Mature HMO	12.1	29	Deficit: -4	29	
Adjusted FTE	11.3	27	Deficit: -2	27	
GMENAC	9.9	24	Surplus: 1	24	
Kaiser Portland	11.6	28	Deficit: -3	28	
7 Kaiser Plans	11.5	28	Deficit: -3	28	
GHC Seattle	10.0	24	Surplus: 1	24	
Three HMOs	8.8	21	Surplus: 4	21	
Goodman	8.4	20	Surplus: 5	20	
Hicks & Glenn	8.0	19	Surplus: 6	19	
Solucient	10.2	25	Adequate 0	25	
Average Requirement	10.2	25	Adequate 0	25	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Ophthalmology</b>		<b>241,618</b>	<b>13</b>	<b>5.4</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	14	Deficit: -1	14	
Two Mature HMO	5.9	14	Deficit: -1	14	
Adjusted FTE	5.5	13	Adequate 0	13	
GMENAC	4.6	11	Surplus: 2	11	
Kaiser Portland	2.4	6	Surplus: 7	6	
7 Kaiser Plans	3.1	7	Surplus: 6	7	
GHC Seattle	5.0	12	Surplus: 1	12	
Three HMOs					
Goodman	3.5	8	Surplus: 5	8	
Hicks & Glenn	3.2	8	Surplus: 5	8	
Solucient	4.7	11	Surplus: 2	11	
Average Requirement	4.2	10	Surplus: 3	10	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Orthopedic Surgery</b>		<b>241,618</b>	<b>33</b>	<b>13.7</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	20	Surplus: 13	20	
Two Mature HMO	6.8	16	Surplus: 17	16	
Adjusted FTE	6.4	15	Surplus: 18	15	
GMENAC	6.0	14	Surplus: 19	14	
Kaiser Portland	5.9	14	Surplus: 19	14	
7 Kaiser Plans	4.2	10	Surplus: 23	10	
GHC Seattle	6.7	16	Surplus: 17	16	
Three HMOs	3.0	7	Surplus: 26	7	
Goodman	5.9	14	Surplus: 19	14	
Hicks & Glenn	4.2	10	Surplus: 23	10	
Solucient	6.1	15	Surplus: 18	15	
Average Requirement	5.5	13	Surplus: 20	13	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Otolaryngology</b>		<b>241,618</b>	<b>8</b>	<b>3.3</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	8	Adequate 0	8	
Two Mature HMO	3.2	8	Adequate 0	8	
Adjusted FTE					
GMENAC	3.2	8	Adequate 0	8	
Kaiser Portland	3.4	8	Adequate 0	8	
7 Kaiser Plans	2.4	6	Surplus: 2	6	
GHC Seattle	3.0	7	Surplus: 1	7	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	7	Surplus: 1	7	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Pathology</b>		<b>241,618</b>	<b>8</b>	<b>3.3</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	15	Deficit: -7	15	
Two Mature HMO	1.9	5	Surplus: 3	5	
Adjusted FTE	1.8	4	Surplus: 4	4	
GMENAC	6.4	15	Deficit: -7	15	
Kaiser Portland	3.3	8	Adequate 0	8	
7 Kaiser Plans	1.8	4	Surplus: 4	4	
GHC Seattle					
Three HMOs					
Goodman	4.1	10	Deficit: -2	10	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	8	Adequate 0	8	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Pediatrics</b>		<b>241,618</b>	<b>32</b>	<b>13.2</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	60	Deficit: -28	60	
Two Mature HMO	16.6	40	Deficit: -8	40	
Adjusted FTE	15.5	37	Deficit: -5	37	
GMENAC	12.4	30	Surplus: 2	30	
Kaiser Portland	11.9	29	Surplus: 3	29	
7 Kaiser Plans	16.0	39	Deficit: -7	39	
GHC Seattle					
Three HMOs	9.8	24	Surplus: 8	24	
Goodman					
Hicks & Glenn	7.6	18	Surplus: 14	18	
Solucient	13.9	34	Deficit: -2	34	
Average Requirement	13.0	31	Surplus: 1	31	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Plastic Surgery</b>		<b>241,618</b>	<b>8</b>	<b>3.3</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	6	Surplus: 2	6	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	3	Surplus: 5	3	
Kaiser Portland	0.3	1	Surplus: 7	1	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 7	1	
Three HMOs					
Goodman	1.1	3	Surplus: 5	3	
Hicks & Glenn	2.3	6	Surplus: 2	6	
Solucient	2.2	5	Surplus: 3	5	
Average Requirement		3	Surplus: 5	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Psychiatry</b>		<b>241,618</b>	<b>31</b>	<b>12.8</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	33	Deficit: -2	33	
Two Mature HMO		19	Surplus: 12	19	
Adjusted FTE		17	Surplus: 14	17	
GMENAC	15.4	37	Deficit: -6	37	
Kaiser Portland	5.2	13	Surplus: 18	13	
7 Kaiser Plans	4.1	10	Surplus: 21	10	
GHC Seattle					
Three HMOs					
Goodman	7.2	17	Surplus: 14	17	
Hicks & Glenn	3.9	9	Surplus: 22	9	
Solucient	5.7	14	Surplus: 17	14	
Average Requirement		17	Surplus: 14	17	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Pulmonary Diseases</b>		<b>241,618</b>	<b>3</b>	<b>1.2</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	8	Deficit: -5	8	
Two Mature HMO	2.0	5	Deficit: -2	5	
Adjusted FTE	1.9	5	Deficit: -2	5	
GMENAC	1.4	3	Adequate 0	3	
Kaiser Portland	1.4	3	Adequate 0	3	
7 Kaiser Plans	1.0	2	Surplus: 1	2	
GHC Seattle	1.4	3	Adequate 0	3	
Three HMOs					
Goodman	1.4	3	Adequate 0	3	
Hicks & Glenn					
Solucient	1.3	3	Adequate 0	3	
Average Requirement	1.5	4	Deficit: -1	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Radiology</b>		<b>241,618</b>	<b>27</b>	<b>11.2</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	28	Deficit: -1	28	
Two Mature HMO	13.6	33	Deficit: -6	33	
Adjusted FTE	13.7	33	Deficit: -6	33	
GMENAC	7.7	19	Surplus: 8	19	
Kaiser Portland	8.5	21	Surplus: 6	21	
7 Kaiser Plans	4.7	11	Surplus: 16	11	
GHC Seattle	7.7	19	Surplus: 8	19	
Three HMOs					
Goodman	8.0	19	Surplus: 8	19	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	22	Surplus: 5	22	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>Rheumatology</b>		<b>241,618</b>	<b>2</b>	<b>0.8</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	1.5	4	Deficit: -2		4
Two Mature HMO	1.1	3	Deficit: -1		3
Adjusted FTE	1.0	2	Adequate 0		2
GMENAC	0.7	2	Adequate 0		2
Kaiser Portland	0.4	1	Surplus: 1		1
7 Kaiser Plans	0.7	2	Adequate 0		2
GHC Seattle	0.7	2	Adequate 0		2
Three HMOs					
Goodman	0.4	1	Surplus: 1		1
Hicks & Glenn					
Solucient	1.3	3	Deficit: -1		3
Average Requirement	0.8	2	Adequate 0		2

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k		Population
<b>General Surgery</b>		<b>241,618</b>	<b>24</b>	<b>9.9</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need
AMA	12.5	30	Deficit: -6		30
Two Mature HMO	9.4	23	Surplus: 1		23
Adjusted FTE	8.8	21	Surplus: 3		21
GMENAC	9.7	23	Surplus: 1		23
Kaiser Portland	7.0	17	Surplus: 7		17
7 Kaiser Plans	6.2	15	Surplus: 9		15
GHC Seattle	5.9	14	Surplus: 10		14
Three HMOs	4.2	10	Surplus: 14		10
Goodman	9.7	23	Surplus: 1		23
Hicks & Glenn	4.1	10	Surplus: 14		10
Solucient	6.0	15	Surplus: 9		15
Average Requirement	7.1	17	Surplus: 7		17

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Thoracic Surgery</b>		<b>241,618</b>	<b>3</b>	<b>1.2</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	4	Deficit: -1	4	
Two Mature HMO					
Adjusted FTE					
GMENAC	0.8	2	Surplus: 1	2	
Kaiser Portland	0.1	0	Surplus: 3	0	
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement		1	Surplus: 2	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
<b>Urology</b>		<b>241,618</b>	<b>10</b>	<b>4.1</b>	<b>241,394</b>
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	8	Surplus: 2	8	
Two Mature HMO		8	Surplus: 2	8	
Adjusted FTE		8	Surplus: 2	8	
GMENAC	3.1	7	Surplus: 3	7	
Kaiser Portland	3.3	8	Surplus: 2	8	
7 Kaiser Plans	2.3	6	Surplus: 4	6	
GHC Seattle	2.9	7	Surplus: 3	7	
Three HMOs					
Goodman	2.6	6	Surplus: 4	6	
Hicks & Glenn	1.9	5	Surplus: 5	5	
Solucient	2.9	7	Surplus: 3	7	
Average Requirement		7	Surplus: 3	7	

## 43 PCSA Physician Standard Report

Included Counties: Chattahoochee, Harris, Marion, Muscogee, Talbot

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.