

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Allergy & Immunology	343,582	16	4.7	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.4	5	Surplus: 11	5
Two Mature HMO	1.5	5	Surplus: 11	5
Adjusted FTE	1.4	5	Surplus: 11	5
GMENAC	0.8	3	Surplus: 13	3
Kaiser Portland	1.7	6	Surplus: 10	6
7 Kaiser Plans	1.2	4	Surplus: 12	4
GHC Seattle	1.1	4	Surplus: 12	4
Three HMOs				
Goodman	1.3	4	Surplus: 12	5
Hicks & Glenn				
Solucient	1.7	6	Surplus: 10	6
Average Requirement	1.3	4	Surplus: 12	5

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Anesthesiology	343,582	80	23.3	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.0	48	Surplus: 32	49
Two Mature HMO	9.7	33	Surplus: 47	34
Adjusted FTE	9.1	31	Surplus: 49	32
GMENAC	8.9	31	Surplus: 49	31
Kaiser Portland	5.9	20	Surplus: 60	21
7 Kaiser Plans	3.9	13	Surplus: 67	14
GHC Seattle	9.0	31	Surplus: 49	31
Three HMOs				
Goodman	7.0	24	Surplus: 56	24
Hicks & Glenn				
Solucient				
Average Requirement	7.6	26	Surplus: 54	26

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Cardiovascular Diseases		343,582	63	18.3	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	26	Surplus: 37	26	
Two Mature HMO	5.4	19	Surplus: 44	19	
Adjusted FTE	5.0	17	Surplus: 46	17	
GMENAC	3.1	11	Surplus: 52	11	
Kaiser Portland	3.0	10	Surplus: 53	10	
7 Kaiser Plans	1.8	6	Surplus: 57	6	
GHC Seattle	2.9	10	Surplus: 53	10	
Three HMOs					
Goodman	3.6	12	Surplus: 51	13	
Hicks & Glenn	2.6	9	Surplus: 54	9	
Solucient	4.2	14	Surplus: 49	15	
Average Requirement	3.5	12	Surplus: 51	12	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Dermatology		343,582	20	5.8	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	13	Surplus: 7	13	
Two Mature HMO	2.8	10	Surplus: 10	10	
Adjusted FTE	2.6	9	Surplus: 11	9	
GMENAC	2.8	10	Surplus: 10	10	
Kaiser Portland	2.5	9	Surplus: 11	9	
7 Kaiser Plans	2.4	8	Surplus: 12	8	
GHC Seattle	2.6	9	Surplus: 11	9	
Three HMOs	1.6	5	Surplus: 15	6	
Goodman	1.4	5	Surplus: 15	5	
Hicks & Glenn	2.1	7	Surplus: 13	7	
Solucient	3.1	11	Surplus: 9	11	
Average Requirement	2.4	8	Surplus: 12	8	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Emergency Medicine		343,582	83	24.2	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	36	Surplus: 47	37	
Two Mature HMO	5.5	19	Surplus: 64	19	
Adjusted FTE	5.2	18	Surplus: 65	18	
GMENAC	5.4	19	Surplus: 64	19	
Kaiser Portland	6.7	23	Surplus: 60	23	
7 Kaiser Plans	5.3	18	Surplus: 65	18	
GHC Seattle					
Three HMOs					
Goodman	2.7	9	Surplus: 74	9	
Hicks & Glenn					
Solucient	12.4	43	Surplus: 40	43	
Average Requirement	6.2	21	Surplus: 62	22	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Endocrinology, Diabetes & Metabolism		343,582	12	3.5	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	6	Surplus: 6	6	
Two Mature HMO	1.1	4	Surplus: 8	4	
Adjusted FTE	1.0	3	Surplus: 9	3	
GMENAC	0.8	3	Surplus: 9	3	
Kaiser Portland	0.9	3	Surplus: 9	3	
7 Kaiser Plans	1.1	4	Surplus: 8	4	
GHC Seattle					
Three HMOs	0.6	2	Surplus: 10	2	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	3	Surplus: 9	3	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Family Practice	343,582	150	43.7	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	31.5	108	Surplus: 42	110
Two Mature HMO	45.6	157	Deficit: -7	159
Adjusted FTE	42.6	146	Surplus: 4	148
GMENAC	25.2	87	Surplus: 63	88
Kaiser Portland	16.7	57	Surplus: 93	58
7 Kaiser Plans	11.0	38	Surplus: 112	38
GHC Seattle				
Three HMOs	9.2	32	Surplus: 118	32
Goodman				
Hicks & Glenn	16.2	56	Surplus: 94	56
Solucient	22.5	77	Surplus: 73	78
Average Requirement	23.6	81	Surplus: 69	82

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Gastroenterology	343,582	27	7.9	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	4.2	14	Surplus: 13	15
Two Mature HMO	3.1	11	Surplus: 16	11
Adjusted FTE				
GMENAC	3.2	11	Surplus: 16	11
Kaiser Portland	1.7	6	Surplus: 21	6
7 Kaiser Plans	1.7	6	Surplus: 21	6
GHC Seattle				
Three HMOs				
Goodman	1.3	4	Surplus: 23	5
Hicks & Glenn				
Solucient	3.5	12	Surplus: 15	12
Average Requirement	2.4	8	Surplus: 19	8

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Hematology/Oncology	343,582	5	1.5	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	12	Deficit: -7	12
Two Mature HMO	2.5	9	Deficit: -4	9
Adjusted FTE	2.4	8	Deficit: -3	8
GMENAC	3.6	12	Deficit: -7	13
Kaiser Portland	2.3	8	Deficit: -3	8
7 Kaiser Plans	1.8	6	Deficit: -1	6
GHC Seattle	1.6	5	Adequate 0	6
Three HMOs	2.6	9	Deficit: -4	9
Goodman	1.2	4	Surplus: 1	4
Hicks & Glenn				
Solucient	1.1	4	Surplus: 1	4
Average Requirement	2.1	7	Deficit: -2	7

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Infectious Disease	343,582	16	4.7	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.2	8	Surplus: 8	8
Two Mature HMO	0.7	2	Surplus: 14	2
Adjusted FTE	0.6	2	Surplus: 14	2
GMENAC	0.9	3	Surplus: 13	3
Kaiser Portland	1.2	4	Surplus: 12	4
7 Kaiser Plans	0.7	2	Surplus: 14	2
GHC Seattle	0.6	2	Surplus: 14	2
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.8	3	Surplus: 13	3

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Internal Medicine		343,582	144	41.9	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	182	Deficit: -38	185	
Two Mature HMO	21.4	74	Surplus: 70	74	
Adjusted FTE	20.0	69	Surplus: 75	70	
GMENAC	28.8	99	Surplus: 45	100	
Kaiser Portland	28.1	97	Surplus: 47	98	
7 Kaiser Plans	30.3	104	Surplus: 40	105	
GHC Seattle					
Three HMOs	16.7	57	Surplus: 87	58	
Goodman					
Hicks & Glenn	11.3	39	Surplus: 105	39	
Solucient	19.0	65	Surplus: 79	66	
Average Requirement	22.0	76	Surplus: 68	77	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Nephrology		343,582	31	9.0	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.6	9	Surplus: 22	9	
Two Mature HMO	1.4	5	Surplus: 26	5	
Adjusted FTE	1.3	4	Surplus: 27	5	
GMENAC	1.1	4	Surplus: 27	4	
Kaiser Portland	0.8	3	Surplus: 28	3	
7 Kaiser Plans	0.7	2	Surplus: 29	2	
GHC Seattle	0.9	3	Surplus: 28	3	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient	0.7	3	Surplus: 28	3	
Average Requirement	1.0	3	Surplus: 28	3	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Neurological Surgery		343,582	17	4.9	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.9	7	Surplus: 10	7	
Two Mature HMO	1.1	4	Surplus: 13	4	
Adjusted FTE	1.0	3	Surplus: 14	3	
GMENAC	1.1	4	Surplus: 13	4	
Kaiser Portland	1.4	5	Surplus: 12	5	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 16	1	
Three HMOs					
Goodman	0.7	2	Surplus: 15	2	
Hicks & Glenn					
Solucient					
Average Requirement	1.0	3	Surplus: 14	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Neurology		343,582	39	11.4	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	17	Surplus: 22	17	
Two Mature HMO	2.4	8	Surplus: 31	8	
Adjusted FTE	2.3	8	Surplus: 31	8	
GMENAC	3.3	11	Surplus: 28	11	
Kaiser Portland	1.3	4	Surplus: 35	5	
7 Kaiser Plans	1.7	6	Surplus: 33	6	
GHC Seattle	1.2	4	Surplus: 35	4	
Three HMOs					
Goodman	2.1	7	Surplus: 32	7	
Hicks & Glenn	1.4	5	Surplus: 34	5	
Solucient	1.8	6	Surplus: 33	6	
Average Requirement	1.9	7	Surplus: 32	7	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician	Population
OB/GYN		343,582	68	19.8	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.1	48	Surplus: 20	49	
Two Mature HMO	12.1	42	Surplus: 26	42	
Adjusted FTE	11.3	39	Surplus: 29	39	
GMENAC	9.9	34	Surplus: 34	34	
Kaiser Portland	11.6	40	Surplus: 28	40	
7 Kaiser Plans	11.5	40	Surplus: 28	40	
GHC Seattle	10.0	34	Surplus: 34	35	
Three HMOs	8.8	30	Surplus: 38	31	
Goodman	8.4	29	Surplus: 39	29	
Hicks & Glenn	8.0	27	Surplus: 41	28	
Solucient	10.2	35	Surplus: 33	35	
Average Requirement	10.2	35	Surplus: 33	35	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician	Population
Ophthalmology		343,582	34	9.9	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	21	Surplus: 13	21	
Two Mature HMO	5.9	20	Surplus: 14	21	
Adjusted FTE	5.5	19	Surplus: 15	19	
GMENAC	4.6	16	Surplus: 18	16	
Kaiser Portland	2.4	8	Surplus: 26	8	
7 Kaiser Plans	3.1	11	Surplus: 23	11	
GHC Seattle	5.0	17	Surplus: 17	17	
Three HMOs					
Goodman	3.5	12	Surplus: 22	12	
Hicks & Glenn	3.2	11	Surplus: 23	11	
Solucient	4.7	16	Surplus: 18	16	
Average Requirement	4.2	14	Surplus: 20	15	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Orthopedic Surgery	343,582	55	16.0	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	8.3	29	Surplus: 26	29
Two Mature HMO	6.8	23	Surplus: 32	24
Adjusted FTE	6.4	22	Surplus: 33	22
GMENAC	6.0	21	Surplus: 34	21
Kaiser Portland	5.9	20	Surplus: 35	21
7 Kaiser Plans	4.2	14	Surplus: 41	15
GHC Seattle	6.7	23	Surplus: 32	23
Three HMOs	3.0	10	Surplus: 45	10
Goodman	5.9	20	Surplus: 35	21
Hicks & Glenn	4.2	14	Surplus: 41	15
Solucient	6.1	21	Surplus: 34	21
Average Requirement	5.5	19	Surplus: 36	19

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Otolaryngology	343,582	25	7.3	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	12	Surplus: 13	12
Two Mature HMO	3.2	11	Surplus: 14	11
Adjusted FTE				
GMENAC	3.2	11	Surplus: 14	11
Kaiser Portland	3.4	12	Surplus: 13	12
7 Kaiser Plans	2.4	8	Surplus: 17	8
GHC Seattle	3.0	10	Surplus: 15	10
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	10	Surplus: 15	10

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Pathology		343,582	35	10.2	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	22	Surplus: 13	22	
Two Mature HMO	1.9	7	Surplus: 28	7	
Adjusted FTE	1.8	6	Surplus: 29	6	
GMENAC	6.4	22	Surplus: 13	22	
Kaiser Portland	3.3	11	Surplus: 24	11	
7 Kaiser Plans	1.8	6	Surplus: 29	6	
GHC Seattle					
Three HMOs					
Goodman	4.1	14	Surplus: 21	14	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	11	Surplus: 24	11	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Pediatrics		343,582	101	29.4	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	86	Surplus: 15	87	
Two Mature HMO	16.6	57	Surplus: 44	58	
Adjusted FTE	15.5	53	Surplus: 48	54	
GMENAC	12.4	43	Surplus: 58	43	
Kaiser Portland	11.9	41	Surplus: 60	41	
7 Kaiser Plans	16.0	55	Surplus: 46	56	
GHC Seattle					
Three HMOs	9.8	34	Surplus: 67	34	
Goodman					
Hicks & Glenn	7.6	26	Surplus: 75	26	
Solucient	13.9	48	Surplus: 53	48	
Average Requirement	13.0	45	Surplus: 56	45	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Plastic Surgery		343,582	17	4.9	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	8	Surplus: 9	8	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	4	Surplus: 13	4	
Kaiser Portland	0.3	1	Surplus: 16	1	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 16	1	
Three HMOs					
Goodman	1.1	4	Surplus: 13	4	
Hicks & Glenn	2.3	8	Surplus: 9	8	
Solucient	2.2	8	Surplus: 9	8	
Average Requirement		4	Surplus: 13	4	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Psychiatry		343,582	78	22.7	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	47	Surplus: 31	47	
Two Mature HMO					
Adjusted FTE					
GMENAC	15.4	53	Surplus: 25	54	
Kaiser Portland	5.2	18	Surplus: 60	18	
7 Kaiser Plans					
GHC Seattle					
Three HMOs					
Goodman	7.2	25	Surplus: 53	25	
Hicks & Glenn	3.9	13	Surplus: 65	14	
Solucient	5.7	20	Surplus: 58	20	
Average Requirement		24	Surplus: 54	25	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Pulmonary Diseases		343,582	25	7.3	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	12	Surplus: 13	12	
Two Mature HMO	2.0	7	Surplus: 18	7	
Adjusted FTE	1.9	7	Surplus: 18	7	
GMENAC	1.4	5	Surplus: 20	5	
Kaiser Portland	1.4	5	Surplus: 20	5	
7 Kaiser Plans	1.0	3	Surplus: 22	3	
GHC Seattle	1.4	5	Surplus: 20	5	
Three HMOs					
Goodman	1.4	5	Surplus: 20	5	
Hicks & Glenn					
Solucient	1.3	4	Surplus: 21	5	
Average Requirement	1.5	5	Surplus: 20	5	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Radiology		343,582	62	18.0	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	39	Surplus: 23	40	
Two Mature HMO	13.6	47	Surplus: 15	47	
Adjusted FTE	13.7	47	Surplus: 15	48	
GMENAC	7.7	26	Surplus: 36	27	
Kaiser Portland	8.5	29	Surplus: 33	30	
7 Kaiser Plans	4.7	16	Surplus: 46	16	
GHC Seattle	7.7	26	Surplus: 36	27	
Three HMOs					
Goodman	8.0	27	Surplus: 35	28	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	31	Surplus: 31	32	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Rheumatology		343,582	12	3.5	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	5	Surplus: 7	5	
Two Mature HMO	1.1	4	Surplus: 8	4	
Adjusted FTE	1.0	3	Surplus: 9	3	
GMENAC	0.7	2	Surplus: 10	2	
Kaiser Portland	0.4	1	Surplus: 11	1	
7 Kaiser Plans	0.7	2	Surplus: 10	2	
GHC Seattle	0.7	2	Surplus: 10	2	
Three HMOs					
Goodman	0.4	1	Surplus: 11	1	
Hicks & Glenn					
Solucient	1.3	5	Surplus: 7	5	
Average Requirement	0.8	3	Surplus: 9	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
General Surgery		343,582	56	16.3	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	43	Surplus: 13	43	
Two Mature HMO	9.4	32	Surplus: 24	33	
Adjusted FTE	8.8	30	Surplus: 26	31	
GMENAC	9.7	33	Surplus: 23	34	
Kaiser Portland	7.0	24	Surplus: 32	24	
7 Kaiser Plans	6.2	21	Surplus: 35	22	
GHC Seattle	5.9	20	Surplus: 36	21	
Three HMOs	4.2	14	Surplus: 42	15	
Goodman	9.7	33	Surplus: 23	34	
Hicks & Glenn	4.1	14	Surplus: 42	14	
Solucient	6.0	21	Surplus: 35	21	
Average Requirement	7.1	24	Surplus: 32	25	

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Thoracic Surgery	343,582	4	1.2	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.5	5	Deficit: -1	5
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

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Urology	343,582	18	5.2	347,847
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	12	Surplus: 6	12
Two Mature HMO	3.5	12	Surplus: 6	12
Adjusted FTE	3.3	11	Surplus: 7	11
GMENAC	3.1	11	Surplus: 7	11
Kaiser Portland	3.3	11	Surplus: 7	11
7 Kaiser Plans	2.3	8	Surplus: 10	8
GHC Seattle	2.9	10	Surplus: 8	10
Three HMOs				
Goodman	2.6	9	Surplus: 9	9
Hicks & Glenn	1.9	7	Surplus: 11	7
Solucient	2.9	10	Surplus: 8	10
Average Requirement	2.9	10	Surplus: 8	10

Augusta MSA Physician Standard Report

Included Counties: Burke, Columbia, McDuffie, Richmond

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.