

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Allergy & Immunology		259,736	6	2.3	308,321	6
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	1.4	4	Surplus: 2	4	Surplus: 2	
Two Mature HMO	1.5	4	Surplus: 2	5	Surplus: 1	
Adjusted FTE	1.4	4	Surplus: 2	4	Surplus: 2	
GMENAC	0.8	2	Surplus: 4	2	Surplus: 4	
Kaiser Portland	1.7	4	Surplus: 2	5	Surplus: 1	
7 Kaiser Plans	1.2	3	Surplus: 3	4	Surplus: 2	
GMH Seattle	1.1	3	Surplus: 3	3	Surplus: 3	
Three HMOs						
Average Requirement	1.3	3	Surplus: 3	4	Surplus: 2	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Anesthesiology		259,736	15	5.8	308,321	15
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.2	34	Deficit: -19	41	Deficit: -26	
Two Mature HMO	9.7	25	Deficit: -10	30	Deficit: -15	
Adjusted FTE	9.1	24	Deficit: -9	28	Deficit: -13	
GMENAC	8.9	23	Deficit: -8	27	Deficit: -12	
Kaiser Portland	5.9	15	Adequate 0	18	Deficit: -3	
7 Kaiser Plans	3.9	10	Surplus: 5	12	Surplus: 3	
GMH Seattle	9.0	23	Deficit: -8	28	Deficit: -13	
Three HMOs						
Average Requirement	7.8	20	Deficit: -5	24	Deficit: -9	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Cardiovascular Diseases		259,736	13	5.0	308,321	18
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	7.5	19	Deficit: -6	23	Deficit: -5	
Two Mature HMO	5.4	14	Deficit: -1	17	Surplus: 1	
Adjusted FTE	5.0	13	Adequate 0	15	Surplus: 3	
GMENAC	3.1	8	Surplus: 5	10	Surplus: 8	
Kaiser Portland	3.0	8	Surplus: 5	9	Surplus: 9	
7 Kaiser Plans	1.8	5	Surplus: 8	6	Surplus: 12	
GMH Seattle	2.9	8	Surplus: 5	9	Surplus: 9	
Three HMOs						
Average Requirement	3.5	9	Surplus: 4	11	Surplus: 7	

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Dermatology		259,736	8	3.1	308,321	9
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.6	9	Deficit: -1	11	Deficit: -2	
Two Mature HMO	2.8	7	Surplus: 1	9	Adequate 0	
Adjusted FTE	2.6	7	Surplus: 1	8	Surplus: 1	
GMENAC	2.8	7	Surplus: 1	9	Adequate 0	
Kaiser Portland	2.5	6	Surplus: 2	8	Surplus: 1	
7 Kaiser Plans	2.4	6	Surplus: 2	7	Surplus: 2	
GMH Seattle	2.6	7	Surplus: 1	8	Surplus: 1	
Three HMOs	1.6	4	Surplus: 4	5	Surplus: 4	
Average Requirement	2.5	6	Surplus: 2	8	Surplus: 1	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Diagnostic Radiology		259,736	4	1.5	308,321	6
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	8.1	21	Deficit: -17	25	Deficit: -19	
Two Mature HMO						
Adjusted FTE						
GMENAC						
Kaiser Portland						
7 Kaiser Plans						
GMH Seattle						
Three HMOs						
Average Requirement						
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Emergency Medicine		259,736	11	4.2	308,321	17
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	9.5	25	Deficit: -14	29	Deficit: -12	
Two Mature HMO	5.5	14	Deficit: -3	17	Adequate 0	
Adjusted FTE	5.2	14	Deficit: -3	16	Surplus: 1	
GMENAC	5.4	14	Deficit: -3	17	Adequate 0	
Kaiser Portland	6.7	17	Deficit: -6	21	Deficit: -4	
7 Kaiser Plans	5.3	14	Deficit: -3	16	Surplus: 1	
GMH Seattle						
Three HMOs						
Average Requirement	5.6	15	Deficit: -4	17	Adequate 0	

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Family Practice		259,736	35	13.5	308,321	51	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	31.3	81	Deficit: -46		97	Deficit: -46	
Two Mature HMO	45.6	118	Deficit: -83		141	Deficit: -90	
Adjusted FTE	42.6	111	Deficit: -76		131	Deficit: -80	
GMENAC	25.2	65	Deficit: -30		78	Deficit: -27	
Kaiser Portland	16.7	43	Deficit: -8		51	Adequate 0	
7 Kaiser Plans	11.0	29	Surplus: 6		34	Surplus: 17	
GMH Seattle							
Three HMOs	9.2	24	Surplus: 11		28	Surplus: 23	
Average Requirement	25.1	65	Deficit: -30		77	Deficit: -26	
		2004 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Gastroenterology		259,736	4	1.5	308,321	5	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	4.0	10	Deficit: -6		12	Deficit: -7	
Two Mature HMO							
Adjusted FTE							
GMENAC							
Kaiser Portland							
7 Kaiser Plans							
GMH Seattle							
Three HMOs							
Average Requirement							
		2004 Actual			2010 Projected		
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians	
Hematology/Oncology		259,736	7	2.7	308,321	8	
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status	
AMA	3.1	8	Deficit: -1		10	Deficit: -2	
Two Mature HMO	2.5	6	Surplus: 1		8	Adequate 0	
Adjusted FTE	2.4	6	Surplus: 1		7	Surplus: 1	
GMENAC	3.6	9	Deficit: -2		11	Deficit: -3	
Kaiser Portland	2.3	6	Surplus: 1		7	Surplus: 1	
7 Kaiser Plans	1.8	5	Surplus: 2		6	Surplus: 2	
GMH Seattle	1.6	4	Surplus: 3		5	Surplus: 3	
Three HMOs	2.6	7	Adequate 0		8	Adequate 0	
Average Requirement	2.4	6	Surplus: 1		7	Surplus: 1	

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Infectious Disease		259,736	1	0.4	308,321	1
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.1	5	Deficit: -4	6	Deficit: -5	
Two Mature HMO	0.7	2	Deficit: -1	2	Deficit: -1	
Adjusted FTE	0.6	2	Deficit: -1	2	Deficit: -1	
GMENAC	0.9	2	Deficit: -1	3	Deficit: -2	
Kaiser Portland	1.2	3	Deficit: -2	4	Deficit: -3	
7 Kaiser Plans	0.7	2	Deficit: -1	2	Deficit: -1	
GMH Seattle	0.6	2	Deficit: -1	2	Deficit: -1	
Three HMOs						
Average Requirement	0.8	2	Deficit: -1	2	Deficit: -1	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Internal Medicine		259,736	48	18.5	308,321	61
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	51.4	134	Deficit: -86	158	Deficit: -97	
Two Mature HMO	21.4	56	Deficit: -8	66	Deficit: -5	
Adjusted FTE	20.0	52	Deficit: -4	62	Deficit: -1	
GMENAC	28.8	75	Deficit: -27	89	Deficit: -28	
Kaiser Portland	28.1	73	Deficit: -25	87	Deficit: -26	
7 Kaiser Plans	30.3	79	Deficit: -31	93	Deficit: -32	
GMH Seattle						
Three HMOs	16.7	43	Surplus: 5	51	Surplus: 10	
Average Requirement	24.2	63	Deficit: -15	75	Deficit: -14	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Nephrology		259,736	3	1.2	308,321	6
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	2.3	6	Deficit: -3	7	Deficit: -1	
Two Mature HMO	1.4	4	Deficit: -1	4	Surplus: 2	
Adjusted FTE	1.3	3	Adequate 0	4	Surplus: 2	
GMENAC	1.1	3	Adequate 0	3	Surplus: 3	
Kaiser Portland	0.8	2	Surplus: 1	2	Surplus: 4	
7 Kaiser Plans	0.7	2	Surplus: 1	2	Surplus: 4	
GMH Seattle	0.9	2	Surplus: 1	3	Surplus: 3	
Three HMOs						
Average Requirement	1.0	3	Adequate 0	3	Surplus: 3	

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Neurological Surgery		259,736	1	0.4	308,321	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	1.8	5	Deficit: -4		6	Deficit: -4
Two Mature HMO	1.1	3	Deficit: -2		3	Deficit: -1
Adjusted FTE	1.0	3	Deficit: -2		3	Deficit: -1
GMENAC	1.1	3	Deficit: -2		3	Deficit: -1
Kaiser Portland	1.4	4	Deficit: -3		4	Deficit: -2
7 Kaiser Plans						
GMH Seattle	0.4	1	Adequate 0		1	Surplus: 1
Three HMOs						
Average Requirement	1.0	3	Deficit: -2		3	Deficit: -1
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Neurology		259,736	5	1.9	308,321	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	4.7	12	Deficit: -7		14	Deficit: -9
Two Mature HMO	2.4	6	Deficit: -1		7	Deficit: -2
Adjusted FTE	2.3	6	Deficit: -1		7	Deficit: -2
GMENAC	3.3	9	Deficit: -4		10	Deficit: -5
Kaiser Portland	1.3	3	Surplus: 2		4	Surplus: 1
7 Kaiser Plans	1.7	4	Surplus: 1		5	Adequate 0
GMH Seattle	1.2	3	Surplus: 2		4	Surplus: 1
Three HMOs						
Average Requirement	2.0	5	Adequate 0		6	Deficit: -1
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
OB/GYN		259,736	21	8.1	308,321	25
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	14.3	37	Deficit: -16		44	Deficit: -19
Two Mature HMO	12.1	31	Deficit: -10		37	Deficit: -12
Adjusted FTE	11.3	29	Deficit: -8		35	Deficit: -10
GMENAC	9.9	26	Deficit: -5		31	Deficit: -6
Kaiser Portland	11.6	30	Deficit: -9		36	Deficit: -11
7 Kaiser Plans	11.1	29	Deficit: -8		34	Deficit: -9
GMH Seattle	10.0	26	Deficit: -5		31	Deficit: -6
Three HMOs	8.8	23	Deficit: -2		27	Deficit: -2
Average Requirement	10.7	28	Deficit: -7		33	Deficit: -8

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Ophthalmology		259,736	5	1.9	308,321	6
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	6.4	17	Deficit: -12	20	Deficit: -14	
Two Mature HMO	5.9	15	Deficit: -10	18	Deficit: -12	
Adjusted FTE	5.5	14	Deficit: -9	17	Deficit: -11	
GMENAC	4.6	12	Deficit: -7	14	Deficit: -8	
Kaiser Portland	2.4	6	Deficit: -1	7	Deficit: -1	
7 Kaiser Plans	3.1	8	Deficit: -3	10	Deficit: -4	
GMH Seattle	5.0	13	Deficit: -8	15	Deficit: -9	
Three HMOs						
Average Requirement	4.4	11	Deficit: -6	14	Deficit: -8	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Orthopedic Surgery		259,736	11	4.2	308,321	12
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	8.1	21	Deficit: -10	25	Deficit: -13	
Two Mature HMO	6.8	18	Deficit: -7	21	Deficit: -9	
Adjusted FTE	6.4	17	Deficit: -6	20	Deficit: -8	
GMENAC	6.0	16	Deficit: -5	18	Deficit: -6	
Kaiser Portland	5.9	15	Deficit: -4	18	Deficit: -6	
7 Kaiser Plans	4.2	11	Adequate 0	13	Deficit: -1	
GMH Seattle	6.7	17	Deficit: -6	21	Deficit: -9	
Three HMOs	3.0	8	Surplus: 3	9	Surplus: 3	
Average Requirement	5.6	15	Deficit: -4	17	Deficit: -5	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Otolaryngology		259,736	7	2.7	308,321	9
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.4	9	Deficit: -2	10	Deficit: -1	
Two Mature HMO	3.2	8	Deficit: -1	10	Deficit: -1	
Adjusted FTE						
GMENAC	3.2	8	Deficit: -1	10	Deficit: -1	
Kaiser Portland	3.4	9	Deficit: -2	10	Deficit: -1	
7 Kaiser Plans	2.4	6	Surplus: 1	7	Surplus: 2	
GMH Seattle	3.0	8	Deficit: -1	9	Adequate 0	
Three HMOs						
Average Requirement	3.0	8	Deficit: -1	9	Adequate 0	

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pathology		259,736	8	3.1	308,321	10
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	6.3	16	Deficit: -8		19	Deficit: -9
Two Mature HMO	1.9	5	Surplus: 3		6	Surplus: 4
Adjusted FTE	1.8	5	Surplus: 3		6	Surplus: 4
GMENAC	6.4	17	Deficit: -9		20	Deficit: -10
Kaiser Portland	3.3	9	Deficit: -1		10	Adequate 0
7 Kaiser Plans	1.8	5	Surplus: 3		6	Surplus: 4
GMH Seattle						
Three HMOs						
Average Requirement	3.0	8	Adequate 0		9	Surplus: 1
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pediatrics		259,736	34	13.1	308,321	46
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	23.9	62	Deficit: -28		74	Deficit: -28
Two Mature HMO	16.6	43	Deficit: -9		51	Deficit: -5
Adjusted FTE	15.5	40	Deficit: -6		48	Deficit: -2
GMENAC	12.4	32	Surplus: 2		38	Surplus: 8
Kaiser Portland	11.9	31	Surplus: 3		37	Surplus: 9
7 Kaiser Plans	16.1	42	Deficit: -8		50	Deficit: -4
GMH Seattle						
Three HMOs	9.8	25	Surplus: 9		30	Surplus: 16
Average Requirement	13.7	36	Deficit: -2		42	Surplus: 4
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Plastic Surgery		259,736	4	1.5	308,321	5
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	2.3	6	Deficit: -2		7	Deficit: -2
Two Mature HMO						
Adjusted FTE						
GMENAC	1.1	3	Surplus: 1		3	Surplus: 2
Kaiser Portland	0.3	1	Surplus: 3		1	Surplus: 4
7 Kaiser Plans						
GMH Seattle	0.4	1	Surplus: 3		1	Surplus: 4
Three HMOs						
Average Requirement	0.6	2	Surplus: 2		2	Surplus: 3

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Psychiatry		259,736	14	5.4	308,321	19
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	13.7	36	Deficit: -22	42	Deficit: -23	
Two Mature HMO	7.7	20	Deficit: -6	24	Deficit: -5	
Adjusted FTE	7.2	19	Deficit: -5	22	Deficit: -3	
GMENAC	15.4	40	Deficit: -26	47	Deficit: -28	
Kaiser Portland	5.2	14	Adequate 0	16	Surplus: 3	
7 Kaiser Plans	4.1	11	Surplus: 3	13	Surplus: 6	
GMH Seattle						
Three HMOs						
Average Requirement	7.1	18	Deficit: -4	22	Deficit: -3	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Pulmonary Diseases		259,736	6	2.3	308,321	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.3	9	Deficit: -3	10	Deficit: -3	
Two Mature HMO	2.0	5	Surplus: 1	6	Surplus: 1	
Adjusted FTE	1.9	5	Surplus: 1	6	Surplus: 1	
GMENAC	1.4	4	Surplus: 2	4	Surplus: 3	
Kaiser Portland	1.4	4	Surplus: 2	4	Surplus: 3	
7 Kaiser Plans	1.0	3	Surplus: 3	3	Surplus: 4	
GMH Seattle	1.4	4	Surplus: 2	4	Surplus: 3	
Three HMOs						
Average Requirement	1.5	4	Surplus: 2	5	Surplus: 2	
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Radiology		259,736	5	1.9	308,321	6
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status	Phys. Need	Status	
AMA	3.0	8	Deficit: -3	9	Deficit: -3	
Two Mature HMO	13.6	35	Deficit: -30	42	Deficit: -36	
Adjusted FTE	13.7	36	Deficit: -31	42	Deficit: -36	
GMENAC	7.7	20	Deficit: -15	24	Deficit: -18	
Kaiser Portland	8.5	22	Deficit: -17	26	Deficit: -20	
7 Kaiser Plans	4.7	12	Deficit: -7	14	Deficit: -8	
GMH Seattle	7.7	20	Deficit: -15	24	Deficit: -18	
Three HMOs						
Average Requirement	9.3	24	Deficit: -19	29	Deficit: -23	

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Rheumatology		259,736	1	0.4	308,321	2
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	1.4	4	Deficit: -3		4	Deficit: -2
Two Mature HMO	1.1	3	Deficit: -2		3	Deficit: -1
Adjusted FTE	1.0	3	Deficit: -2		3	Deficit: -1
GMENAC	0.7	2	Deficit: -1		2	Adequate 0
Kaiser Portland	0.4	1	Adequate 0		1	Surplus: 1
7 Kaiser Plans	0.7	2	Deficit: -1		2	Adequate 0
GMH Seattle	0.7	2	Deficit: -1		2	Adequate 0
Three HMOs						
Average Requirement	0.8	2	Deficit: -1		2	Adequate 0
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
General Surgery		259,736	7	2.7	308,321	7
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	12.8	33	Deficit: -26		39	Deficit: -32
Two Mature HMO	9.4	24	Deficit: -17		29	Deficit: -22
Adjusted FTE	8.8	23	Deficit: -16		27	Deficit: -20
GMENAC	9.7	25	Deficit: -18		30	Deficit: -23
Kaiser Portland	7.0	18	Deficit: -11		22	Deficit: -15
7 Kaiser Plans	6.2	16	Deficit: -9		19	Deficit: -12
GMH Seattle	5.9	15	Deficit: -8		18	Deficit: -11
Three HMOs	4.2	11	Deficit: -4		13	Deficit: -6
Average Requirement	7.3	19	Deficit: -12		23	Deficit: -16
		2004 Actual			2010 Projected	
Physician Specialty		Pop.	Phys.	/100k	Pop.	Physicians
Urology		259,736	13	5.0	308,321	14
National Physician Standards	Standard Phys/100,000 Pop.	Phys. Need	Status		Phys. Need	Status
AMA	3.6	9	Surplus: 4		11	Surplus: 3
Two Mature HMO	3.5	9	Surplus: 4		11	Surplus: 3
Adjusted FTE	3.3	9	Surplus: 4		10	Surplus: 4
GMENAC	3.1	8	Surplus: 5		10	Surplus: 4
Kaiser Portland	3.3	9	Surplus: 4		10	Surplus: 4
7 Kaiser Plans	2.3	6	Surplus: 7		7	Surplus: 7
GMH Seattle	2.9	8	Surplus: 5		9	Surplus: 5
Three HMOs						
Average Requirement	3.1	8	Surplus: 5		10	Surplus: 4

3.3-Clayton (Morrow) PHD Physician Standard Report

Included Counties: Clayton

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. Rosenblat. 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 314:217-22
- (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) American Medical Association. 2006 Physician characteristics and Distribution in the U.S., Dept. of Physician Practice and Communications Information, Division of Survey and Data Resources. 2005-2006.