

Athens MSA Physician Standard Report

Included Counties: Clarke, Madison, Oconee, Oglethorpe

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Allergy & Immunology	179,338	3	1.7	179,986
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	3	Adequate 0	3
Adjusted FTE	1.4	3	Adequate 0	3
GMENAC	0.8	1	Surplus: 2	1
Kaiser Portland	1.7	3	Adequate 0	3
7 Kaiser Plans	1.2	2	Surplus: 1	2
GHC Seattle	1.1	2	Surplus: 1	2
Three HMOs				
Goodman	1.3	2	Surplus: 1	2
Hicks & Glenn				
Solucient	1.7	3	Adequate 0	3
Average Requirement	1.3	2	Surplus: 1	2

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Anesthesiology	179,338	19	10.6	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.0	25	Deficit: -6	25
Two Mature HMO	9.7	17	Surplus: 2	17
Adjusted FTE	9.1	16	Surplus: 3	16
GMENAC	8.9	16	Surplus: 3	16
Kaiser Portland	5.9	11	Surplus: 8	11
7 Kaiser Plans	3.9	7	Surplus: 12	7
GHC Seattle	9.0	16	Surplus: 3	16
Three HMOs				
Goodman	7.0	13	Surplus: 6	13
Hicks & Glenn				
Solucient				
Average Requirement	7.6	14	Surplus: 5	14

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Cardiovascular Diseases		179,338	12	6.7	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	7.5	13	Deficit: -1	13	
Two Mature HMO	5.4	10	Surplus: 2	10	
Adjusted FTE	5.0	9	Surplus: 3	9	
GMENAC	3.1	6	Surplus: 6	6	
Kaiser Portland	3.0	5	Surplus: 7	5	
7 Kaiser Plans	1.8	3	Surplus: 9	3	
GHC Seattle	2.9	5	Surplus: 7	5	
Three HMOs					
Goodman	3.6	6	Surplus: 6	6	
Hicks & Glenn	2.6	5	Surplus: 7	5	
Solucient	4.2	8	Surplus: 4	8	
Average Requirement	3.5	6	Surplus: 6	6	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Dermatology		179,338	14	7.8	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.7	7	Surplus: 7	7	
Two Mature HMO	2.8	5	Surplus: 9	5	
Adjusted FTE	2.6	5	Surplus: 9	5	
GMENAC	2.8	5	Surplus: 9	5	
Kaiser Portland	2.5	4	Surplus: 10	4	
7 Kaiser Plans	2.4	4	Surplus: 10	4	
GHC Seattle	2.6	5	Surplus: 9	5	
Three HMOs	1.6	3	Surplus: 11	3	
Goodman	1.4	3	Surplus: 11	3	
Hicks & Glenn	2.1	4	Surplus: 10	4	
Solucient	3.1	6	Surplus: 8	6	
Average Requirement	2.4	4	Surplus: 10	4	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Emergency Medicine	179,338	34	19.0	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	10.5	19	Surplus: 15	19
Two Mature HMO	5.5	10	Surplus: 24	10
Adjusted FTE	5.2	9	Surplus: 25	9
GMENAC	5.4	10	Surplus: 24	10
Kaiser Portland	6.7	12	Surplus: 22	12
7 Kaiser Plans	5.3	10	Surplus: 24	10
GHC Seattle				
Three HMOs				
Goodman	2.7	5	Surplus: 29	5
Hicks & Glenn				
Solucient	12.4	22	Surplus: 12	22
Average Requirement	6.2	11	Surplus: 23	11

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Endocrinology, Diabetes & Metabolism	179,338	1	0.6	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.8	3	Deficit: -2	3
Two Mature HMO	1.1	2	Deficit: -1	2
Adjusted FTE	1.0	2	Deficit: -1	2
GMENAC	0.8	1	Adequate 0	1
Kaiser Portland	0.9	2	Deficit: -1	2
7 Kaiser Plans	1.1	2	Deficit: -1	2
GHC Seattle				
Three HMOs	0.6	1	Adequate 0	1
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.9	2	Deficit: -1	2

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Family Practice		179,338	49	27.3	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	56	Deficit: -7	57	
Two Mature HMO	45.6	82	Deficit: -33	82	
Adjusted FTE	42.6	76	Deficit: -27	77	
GMENAC	25.2	45	Surplus: 4	45	
Kaiser Portland	16.7	30	Surplus: 19	30	
7 Kaiser Plans	11.0	20	Surplus: 29	20	
GHC Seattle					
Three HMOs	9.2	16	Surplus: 33	17	
Goodman					
Hicks & Glenn	16.2	29	Surplus: 20	29	
Solucient	22.5	40	Surplus: 9	41	
Average Requirement	23.6	42	Surplus: 7	42	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Gastroenterology		179,338	6	3.3	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	8	Deficit: -2	8	
Two Mature HMO	3.1	6	Adequate 0	6	
Adjusted FTE					
GMENAC	3.2	6	Adequate 0	6	
Kaiser Portland	1.7	3	Surplus: 3	3	
7 Kaiser Plans	1.7	3	Surplus: 3	3	
GHC Seattle					
Three HMOs					
Goodman	1.3	2	Surplus: 4	2	
Hicks & Glenn					
Solucient	3.5	6	Adequate 0	6	
Average Requirement	2.4	4	Surplus: 2	4	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Internal Medicine	179,338	58	32.3	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	53.1	95	Deficit: -37	96
Two Mature HMO	21.4	38	Surplus: 20	39
Adjusted FTE	20.0	36	Surplus: 22	36
GMENAC	28.8	52	Surplus: 6	52
Kaiser Portland	28.1	50	Surplus: 8	51
7 Kaiser Plans	30.3	54	Surplus: 4	55
GHC Seattle				
Three HMOs	16.7	30	Surplus: 28	30
Goodman				
Hicks & Glenn	11.3	20	Surplus: 38	20
Solucient	19.0	34	Surplus: 24	34
Average Requirement	22.0	39	Surplus: 19	40

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Physician /100k	Population
Nephrology	179,338	9	5.0	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.6	5	Surplus: 4	5
Two Mature HMO	1.4	3	Surplus: 6	3
Adjusted FTE	1.3	2	Surplus: 7	2
GMENAC	1.1	2	Surplus: 7	2
Kaiser Portland	0.8	1	Surplus: 8	1
7 Kaiser Plans	0.7	1	Surplus: 8	1
GHC Seattle	0.9	2	Surplus: 7	2
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient	0.7	1	Surplus: 8	1
Average Requirement	1.0	2	Surplus: 7	2

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Neurological Surgery		179,338	7	3.9	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.9	3	Surplus: 4	3	
Two Mature HMO	1.1	2	Surplus: 5	2	
Adjusted FTE	1.0	2	Surplus: 5	2	
GMENAC	1.1	2	Surplus: 5	2	
Kaiser Portland	1.4	3	Surplus: 4	3	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 6	1	
Three HMOs					
Goodman	0.7	1	Surplus: 6	1	
Hicks & Glenn					
Solucient					
Average Requirement	1.0	2	Surplus: 5	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Neurology		179,338	9	5.0	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	5.0	9	Adequate 0	9	
Two Mature HMO	2.4	4	Surplus: 5	4	
Adjusted FTE	2.3	4	Surplus: 5	4	
GMENAC	3.3	6	Surplus: 3	6	
Kaiser Portland	1.3	2	Surplus: 7	2	
7 Kaiser Plans	1.7	3	Surplus: 6	3	
GHC Seattle	1.2	2	Surplus: 7	2	
Three HMOs					
Goodman	2.1	4	Surplus: 5	4	
Hicks & Glenn	1.4	3	Surplus: 6	3	
Solucient	1.8	3	Surplus: 6	3	
Average Requirement	1.9	3	Surplus: 6	3	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
OB/GYN	179,338	27	15.1	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	14.1	25	Surplus: 2	25
Two Mature HMO	12.1	22	Surplus: 5	22
Adjusted FTE	11.3	20	Surplus: 7	20
GMENAC	9.9	18	Surplus: 9	18
Kaiser Portland	11.6	21	Surplus: 6	21
7 Kaiser Plans	11.5	21	Surplus: 6	21
GHC Seattle	10.0	18	Surplus: 9	18
Three HMOs	8.8	16	Surplus: 11	16
Goodman	8.4	15	Surplus: 12	15
Hicks & Glenn	8.0	14	Surplus: 13	14
Solucient	10.2	18	Surplus: 9	18
Average Requirement	10.2	18	Surplus: 9	18

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Ophthalmology	179,338	9	5.0	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.0	11	Deficit: -2	11
Two Mature HMO	5.9	11	Deficit: -2	11
Adjusted FTE	5.5	10	Deficit: -1	10
GMENAC	4.6	8	Surplus: 1	8
Kaiser Portland	2.4	4	Surplus: 5	4
7 Kaiser Plans	3.1	6	Surplus: 3	6
GHC Seattle	5.0	9	Adequate 0	9
Three HMOs				
Goodman	3.5	6	Surplus: 3	6
Hicks & Glenn	3.2	6	Surplus: 3	6
Solucient	4.7	8	Surplus: 1	8
Average Requirement	4.2	8	Surplus: 1	8

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician /100k	Population
Orthopedic Surgery		179,338	12	6.7	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	15	Deficit: -3	15	
Two Mature HMO	6.8	12	Adequate 0	12	
Adjusted FTE	6.4	11	Surplus: 1	12	
GMENAC	6.0	11	Surplus: 1	11	
Kaiser Portland	5.9	11	Surplus: 1	11	
7 Kaiser Plans	4.2	8	Surplus: 4	8	
GHC Seattle	6.7	12	Adequate 0	12	
Three HMOs	3.0	5	Surplus: 7	5	
Goodman	5.9	11	Surplus: 1	11	
Hicks & Glenn	4.2	8	Surplus: 4	8	
Solucient	6.1	11	Surplus: 1	11	
Average Requirement	5.5	10	Surplus: 2	10	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Physician /100k	Population
Otolaryngology		179,338	6	3.3	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.4	6	Adequate 0	6	
Two Mature HMO	3.2	6	Adequate 0	6	
Adjusted FTE					
GMENAC	3.2	6	Adequate 0	6	
Kaiser Portland	3.4	6	Adequate 0	6	
7 Kaiser Plans	2.4	4	Surplus: 2	4	
GHC Seattle	3.0	5	Surplus: 1	5	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	3.0	5	Surplus: 1	5	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Pathology		179,338	7	3.9	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.3	11	Deficit: -4	11	
Two Mature HMO	1.9	3	Surplus: 4	3	
Adjusted FTE	1.8	3	Surplus: 4	3	
GMENAC	6.4	11	Deficit: -4	12	
Kaiser Portland	3.3	6	Surplus: 1	6	
7 Kaiser Plans	1.8	3	Surplus: 4	3	
GHC Seattle					
Three HMOs					
Goodman	4.1	7	Adequate 0	7	
Hicks & Glenn					
Solucient					
Average Requirement	3.2	6	Surplus: 1	6	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Pediatrics		179,338	29	16.2	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	45	Deficit: -16	45	
Two Mature HMO	16.6	30	Deficit: -1	30	
Adjusted FTE	15.5	28	Surplus: 1	28	
GMENAC	12.4	22	Surplus: 7	22	
Kaiser Portland	11.9	21	Surplus: 8	21	
7 Kaiser Plans	16.0	29	Adequate 0	29	
GHC Seattle					
Three HMOs	9.8	18	Surplus: 11	18	
Goodman					
Hicks & Glenn	7.6	14	Surplus: 15	14	
Solucient	13.9	25	Surplus: 4	25	
Average Requirement	13.0	23	Surplus: 6	23	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Plastic Surgery	179,338	7	3.9	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.4	4	Surplus: 3	4
Two Mature HMO				
Adjusted FTE				
GMENAC	1.1	2	Surplus: 5	2
Kaiser Portland	0.3	1	Surplus: 6	1
7 Kaiser Plans				
GHC Seattle	0.4	1	Surplus: 6	1
Three HMOs				
Goodman	1.1	2	Surplus: 5	2
Hicks & Glenn	2.3	4	Surplus: 3	4
Solucient	2.2	4	Surplus: 3	4
Average Requirement	1.2	2	Surplus: 5	2

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k	Status	Population
Psychiatry	179,338	25	13.9	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	13.6	24	Surplus: 1	24
Two Mature HMO	7.7	14	Surplus: 11	14
Adjusted FTE	7.2	13	Surplus: 12	13
GMENAC	15.4	28	Deficit: -3	28
Kaiser Portland	5.2	9	Surplus: 16	9
7 Kaiser Plans	4.1	7	Surplus: 18	7
GHC Seattle				
Three HMOs				
Goodman	7.2	13	Surplus: 12	13
Hicks & Glenn	3.9	7	Surplus: 18	7
Solucient	5.7	10	Surplus: 15	10
Average Requirement	7.1	13	Surplus: 12	13

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Pulmonary Diseases		179,338	7	3.9	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	6	Surplus: 1	6	
Two Mature HMO	2.0	4	Surplus: 3	4	
Adjusted FTE	1.9	3	Surplus: 4	3	
GMENAC	1.4	3	Surplus: 4	3	
Kaiser Portland	1.4	3	Surplus: 4	3	
7 Kaiser Plans	1.0	2	Surplus: 5	2	
GHC Seattle	1.4	3	Surplus: 4	3	
Three HMOs					
Goodman	1.4	3	Surplus: 4	3	
Hicks & Glenn					
Solucient	1.3	2	Surplus: 5	2	
Average Requirement	1.5	3	Surplus: 4	3	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician /100k	Status	Population
Radiology		179,338	17	9.5	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	11.4	20	Deficit: -3	21	
Two Mature HMO	13.6	24	Deficit: -7	24	
Adjusted FTE	13.7	25	Deficit: -8	25	
GMENAC	7.7	14	Surplus: 3	14	
Kaiser Portland	8.5	15	Surplus: 2	15	
7 Kaiser Plans	4.7	8	Surplus: 9	8	
GHC Seattle	7.7	14	Surplus: 3	14	
Three HMOs					
Goodman	8.0	14	Surplus: 3	14	
Hicks & Glenn					
Solucient					
Average Requirement	9.1	16	Surplus: 1	16	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physician	/100k	Population
Rheumatology		179,338	1	0.6	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.5	3	Deficit: -2	3	
Two Mature HMO	1.1	2	Deficit: -1	2	
Adjusted FTE	1.0	2	Deficit: -1	2	
GMENAC	0.7	1	Adequate 0	1	
Kaiser Portland	0.4	1	Adequate 0	1	
7 Kaiser Plans	0.7	1	Adequate 0	1	
GHC Seattle	0.7	1	Adequate 0	1	
Three HMOs					
Goodman	0.4	1	Adequate 0	1	
Hicks & Glenn					
Solucient	1.3	2	Deficit: -1	2	
Average Requirement	0.8	1	Adequate 0	1	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physician	/100k	Population
General Surgery		179,338	13	7.2	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	12.5	22	Deficit: -9	22	
Two Mature HMO	9.4	17	Deficit: -4	17	
Adjusted FTE	8.8	16	Deficit: -3	16	
GMENAC	9.7	17	Deficit: -4	17	
Kaiser Portland	7.0	13	Adequate 0	13	
7 Kaiser Plans	6.2	11	Surplus: 2	11	
GHC Seattle	5.9	11	Surplus: 2	11	
Three HMOs	4.2	8	Surplus: 5	8	
Goodman	9.7	17	Deficit: -4	17	
Hicks & Glenn	4.1	7	Surplus: 6	7	
Solucient	6.0	11	Surplus: 2	11	
Average Requirement	7.1	13	Adequate 0	13	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Thoracic Surgery	179,338	1	0.6	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.5	3	Deficit: -2	3
Two Mature HMO				
Adjusted FTE				
GMENAC	0.8	1	Adequate 0	1
Kaiser Portland	0.1	0	Surplus: 1	0
7 Kaiser Plans				
GHC Seattle				
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.5	1	Adequate 0	1

Physician Specialty	2008 Actual			2015 Projected
	Population	Physician /100k		Population
Urology	179,338	12	6.7	179,986
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	6	Surplus: 6	6
Two Mature HMO	3.5	6	Surplus: 6	6
Adjusted FTE	3.3	6	Surplus: 6	6
GMENAC	3.1	6	Surplus: 6	6
Kaiser Portland	3.3	6	Surplus: 6	6
7 Kaiser Plans	2.3	4	Surplus: 8	4
GHC Seattle	2.9	5	Surplus: 7	5
Three HMOs				
Goodman	2.6	5	Surplus: 7	5
Hicks & Glenn	1.9	3	Surplus: 9	3
Solucient	2.9	5	Surplus: 7	5
Average Requirement	2.9	5	Surplus: 7	5

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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.
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- (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.
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- (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.
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- (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.
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