

46 PCSA Physician Standard Report

Included Counties: Bibb, Crawford, Jones, Peach, Taylor, Twiggs, Wilkinson

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Allergy & Immunology		247,650	3	1.2	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.4	3	Adequate 0	4	
Two Mature HMO	1.5	4	Deficit: -1	4	
Adjusted FTE	1.4	3	Adequate 0	4	
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
Anesthesiology		247,650	30	12.1	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	14.0	35	Deficit: -5	35	
Two Mature HMO	9.7	24	Surplus: 6	24	
Adjusted FTE	9.1	23	Surplus: 7	23	
GMENAC	8.9	22	Surplus: 8	22	
Kaiser Portland	5.9	15	Surplus: 15	15	
7 Kaiser Plans	3.9	10	Surplus: 20	10	
GHC Seattle	9.0	22	Surplus: 8	23	
Three HMOs					
Goodman	7.0	17	Surplus: 13	18	
Hicks & Glenn					
Solucient					
Average Requirement	7.6	19	Surplus: 11	19	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Cardiovascular Diseases	247,650	26	10.5	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	7.5	19	Surplus: 7	19
Two Mature HMO	5.4	13	Surplus: 13	14
Adjusted FTE	5.0	12	Surplus: 14	13
GMENAC	3.1	8	Surplus: 18	8
Kaiser Portland	3.0	7	Surplus: 19	8
7 Kaiser Plans	1.8	4	Surplus: 22	5
GHC Seattle	2.9	7	Surplus: 19	7
Three HMOs				
Goodman	3.6	9	Surplus: 17	9
Hicks & Glenn	2.6	6	Surplus: 20	7
Solucient	4.2	10	Surplus: 16	11
Average Requirement	3.5	9	Surplus: 17	9

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Dermatology	247,650	6	2.4	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.7	9	Deficit: -3	9
Two Mature HMO	2.8	7	Deficit: -1	7
Adjusted FTE	2.6	6	Adequate 0	7
GMENAC	2.8	7	Deficit: -1	7
Kaiser Portland	2.5	6	Adequate 0	6
7 Kaiser Plans	2.4	6	Adequate 0	6
GHC Seattle	2.6	6	Adequate 0	7
Three HMOs	1.6	4	Surplus: 2	4
Goodman	1.4	3	Surplus: 3	4
Hicks & Glenn	2.1	5	Surplus: 1	5
Solucient	3.1	8	Deficit: -2	8
Average Requirement	2.4	6	Adequate 0	6

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Emergency Medicine		247,650	21	8.5	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	10.5	26	Deficit: -5	26	
Two Mature HMO	5.5	14	Surplus: 7	14	
Adjusted FTE	5.2	13	Surplus: 8	13	
GMENAC	5.4	13	Surplus: 8	14	
Kaiser Portland	6.7	17	Surplus: 4	17	
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	31	Deficit: -10	31	
Average Requirement	6.2	15	Surplus: 6	16	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Endocrinology, Diabetes & Metabolism		247,650	5	2.0	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	1.8	4	Surplus: 1	5	
Two Mature HMO	1.1	3	Surplus: 2	3	
Adjusted FTE	1.0	2	Surplus: 3	3	
GMENAC	0.8	2	Surplus: 3	2	
Kaiser Portland	0.9	2	Surplus: 3	2	
7 Kaiser Plans	1.1	3	Surplus: 2	3	
GHC Seattle					
Three HMOs	0.6	1	Surplus: 4	2	
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.9	2	Surplus: 3	2	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Family Practice		247,650	90	36.3	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	31.5	78	Surplus: 12	79	
Two Mature HMO	45.6	113	Deficit: -23	114	
Adjusted FTE	42.6	105	Deficit: -15	107	
GMENAC	25.2	62	Surplus: 28	63	
Kaiser Portland	16.7	41	Surplus: 49	42	
7 Kaiser Plans	11.0	27	Surplus: 63	28	
GHC Seattle					
Three HMOs	9.2	23	Surplus: 67	23	
Goodman					
Hicks & Glenn	16.2	40	Surplus: 50	41	
Solucient	22.5	56	Surplus: 34	56	
Average Requirement	23.6	58	Surplus: 32	59	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Gastroenterology		247,650	13	5.2	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	4.2	10	Surplus: 3	11	
Two Mature HMO	3.1	8	Surplus: 5	8	
Adjusted FTE					
GMENAC	3.2	8	Surplus: 5	8	
Kaiser Portland	1.7	4	Surplus: 9	4	
7 Kaiser Plans	1.7	4	Surplus: 9	4	
GHC Seattle					
Three HMOs					
Goodman	1.3	3	Surplus: 10	3	
Hicks & Glenn					
Solucient	3.5	9	Surplus: 4	9	
Average Requirement	2.4	6	Surplus: 7	6	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Infectious Disease		247,650	4	1.6	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.2	5	Deficit: -1	6	
Two Mature HMO	0.7	2	Surplus: 2	2	
Adjusted FTE	0.6	1	Surplus: 3	2	
GMENAC	0.9	2	Surplus: 2	2	
Kaiser Portland	1.2	3	Surplus: 1	3	
7 Kaiser Plans	0.7	2	Surplus: 2	2	
GHC Seattle	0.6	1	Surplus: 3	2	
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requirement	0.8	2	Surplus: 2	2	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Internal Medicine		247,650	75	30.3	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	53.1	132	Deficit: -57	133	
Two Mature HMO	21.4	53	Surplus: 22	54	
Adjusted FTE	20.0	50	Surplus: 25	50	
GMENAC	28.8	71	Surplus: 4	72	
Kaiser Portland	28.1	70	Surplus: 5	70	
7 Kaiser Plans	30.3	75	Adequate 0	76	
GHC Seattle					
Three HMOs	16.7	41	Surplus: 34	42	
Goodman					
Hicks & Glenn	11.3	28	Surplus: 47	28	
Solucient	19.0	47	Surplus: 28	48	
Average Requirement	22.0	54	Surplus: 21	55	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Nephrology	247,650	11	4.4	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	2.6	6	Surplus: 5	7
Two Mature HMO	1.4	3	Surplus: 8	4
Adjusted FTE	1.3	3	Surplus: 8	3
GMENAC	1.1	3	Surplus: 8	3
Kaiser Portland	0.8	2	Surplus: 9	2
7 Kaiser Plans	0.7	2	Surplus: 9	2
GHC Seattle	0.9	2	Surplus: 9	2
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient	0.7	2	Surplus: 9	2
Average Requirement	1.0	2	Surplus: 9	3

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Neurological Surgery	247,650	10	4.0	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.9	5	Surplus: 5	5
Two Mature HMO	1.1	3	Surplus: 7	3
Adjusted FTE	1.0	2	Surplus: 8	3
GMENAC	1.1	3	Surplus: 7	3
Kaiser Portland	1.4	3	Surplus: 7	4
7 Kaiser Plans				
GHC Seattle	0.4	1	Surplus: 9	1
Three HMOs				
Goodman	0.7	2	Surplus: 8	2
Hicks & Glenn				
Solucient				
Average Requirement	1.0	2	Surplus: 8	3

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Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians /100k	Status	Population
Neurology			247,650	12	4.8	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	5.0	12	Adequate	0	13	
Two Mature HMO	2.4	6	Surplus:	6	6	
Adjusted FTE	2.3	6	Surplus:	6	6	
GMENAC	3.3	8	Surplus:	4	8	
Kaiser Portland	1.3	3	Surplus:	9	3	
7 Kaiser Plans	1.7	4	Surplus:	8	4	
GHC Seattle	1.2	3	Surplus:	9	3	
Three HMOs						
Goodman	2.1	5	Surplus:	7	5	
Hicks & Glenn	1.4	3	Surplus:	9	4	
Solucient	1.8	4	Surplus:	8	4	
Average Requirement	1.9	5	Surplus:	7	5	

Physician Specialty			2008 Actual			2015 Projected
			Population	Physicians /100k	Status	Population
OB/GYN			247,650	35	14.1	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status		Physician Need	
AMA	14.1	35	Adequate	0	35	
Two Mature HMO	12.1	30	Surplus:	5	30	
Adjusted FTE	11.3	28	Surplus:	7	28	
GMENAC	9.9	25	Surplus:	10	25	
Kaiser Portland	11.6	29	Surplus:	6	29	
7 Kaiser Plans	11.5	28	Surplus:	7	29	
GHC Seattle	10.0	25	Surplus:	10	25	
Three HMOs	8.8	22	Surplus:	13	22	
Goodman	8.4	21	Surplus:	14	21	
Hicks & Glenn	8.0	20	Surplus:	15	20	
Solucient	10.2	25	Surplus:	10	25	
Average Requirement	10.2	25	Surplus:	10	26	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Ophthalmology		247,650	20	8.1	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	6.0	15	Surplus: 5	15	
Two Mature HMO	5.9	15	Surplus: 5	15	
Adjusted FTE	5.5	14	Surplus: 6	14	
GMENAC	4.6	11	Surplus: 9	12	
Kaiser Portland	2.4	6	Surplus: 14	6	
7 Kaiser Plans	3.1	8	Surplus: 12	8	
GHC Seattle	5.0	12	Surplus: 8	13	
Three HMOs					
Goodman	3.5	9	Surplus: 11	9	
Hicks & Glenn	3.2	8	Surplus: 12	8	
Solucient	4.7	12	Surplus: 8	12	
Average Requirement	4.2	10	Surplus: 10	11	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Orthopedic Surgery		247,650	23	9.3	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	8.3	21	Surplus: 2	21	
Two Mature HMO	6.8	17	Surplus: 6	17	
Adjusted FTE	6.4	16	Surplus: 7	16	
GMENAC	6.0	15	Surplus: 8	15	
Kaiser Portland	5.9	15	Surplus: 8	15	
7 Kaiser Plans	4.2	10	Surplus: 13	11	
GHC Seattle	6.7	17	Surplus: 6	17	
Three HMOs	3.0	7	Surplus: 16	8	
Goodman	5.9	15	Surplus: 8	15	
Hicks & Glenn	4.2	10	Surplus: 13	11	
Solucient	6.1	15	Surplus: 8	15	
Average Requirement	5.5	14	Surplus: 9	14	

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Otolaryngology	247,650	10	4.0	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.4	8	Surplus: 2	9
Two Mature HMO	3.2	8	Surplus: 2	8
Adjusted FTE				
GMENAC	3.2	8	Surplus: 2	8
Kaiser Portland	3.4	8	Surplus: 2	9
7 Kaiser Plans	2.4	6	Surplus: 4	6
GHC Seattle	3.0	7	Surplus: 3	8
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	3.0	7	Surplus: 3	8

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Pathology	247,650	14	5.7	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	6.3	16	Deficit: -2	16
Two Mature HMO	1.9	5	Surplus: 9	5
Adjusted FTE	1.8	4	Surplus: 10	5
GMENAC	6.4	16	Deficit: -2	16
Kaiser Portland	3.3	8	Surplus: 6	8
7 Kaiser Plans	1.8	4	Surplus: 10	5
GHC Seattle				
Three HMOs				
Goodman	4.1	10	Surplus: 4	10
Hicks & Glenn				
Solucient				
Average Requirement	3.2	8	Surplus: 6	8

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Pediatrics		247,650	38	15.3	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	24.9	62	Deficit: -24	62	
Two Mature HMO	16.6	41	Deficit: -3	42	
Adjusted FTE	15.5	38	Adequate 0	39	
GMENAC	12.4	31	Surplus: 7	31	
Kaiser Portland	11.9	29	Surplus: 9	30	
7 Kaiser Plans	16.0	40	Deficit: -2	40	
GHC Seattle					
Three HMOs	9.8	24	Surplus: 14	25	
Goodman					
Hicks & Glenn	7.6	19	Surplus: 19	19	
Solucient	13.9	34	Surplus: 4	35	
Average Requirement	13.0	32	Surplus: 6	33	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Physician Need	Population
Plastic Surgery		247,650	10	4.0	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	2.4	6	Surplus: 4	6	
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	3	Surplus: 7	3	
Kaiser Portland	0.3	1	Surplus: 9	1	
7 Kaiser Plans					
GHC Seattle	0.4	1	Surplus: 9	1	
Three HMOs					
Goodman	1.1	3	Surplus: 7	3	
Hicks & Glenn	2.3	6	Surplus: 4	6	
Solucient	2.2	5	Surplus: 5	6	
Average Requirement	1.2	3	Surplus: 7	3	

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Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Psychiatry		247,650	30	12.1	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	13.6	34	Deficit: -4	34	
Two Mature HMO	7.7	19	Surplus: 11	19	
Adjusted FTE	7.2	18	Surplus: 12	18	
GMENAC	15.4	38	Deficit: -8	39	
Kaiser Portland	5.2	13	Surplus: 17	13	
7 Kaiser Plans	4.1	10	Surplus: 20	10	
GHC Seattle					
Three HMOs					
Goodman	7.2	18	Surplus: 12	18	
Hicks & Glenn	3.9	10	Surplus: 20	10	
Solucient	5.7	14	Surplus: 16	14	
Average Requirement	7.1	18	Surplus: 12	18	

Physician Specialty		2008 Actual			2015 Projected
		Population	Physicians /100k	Population	
Pulmonary Diseases		247,650	11	4.4	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need	
AMA	3.5	9	Surplus: 2	9	
Two Mature HMO	2.0	5	Surplus: 6	5	
Adjusted FTE	1.9	5	Surplus: 6	5	
GMENAC	1.4	3	Surplus: 8	4	
Kaiser Portland	1.4	3	Surplus: 8	4	
7 Kaiser Plans	1.0	2	Surplus: 9	3	
GHC Seattle	1.4	3	Surplus: 8	4	
Three HMOs					
Goodman	1.4	3	Surplus: 8	4	
Hicks & Glenn					
Solucient	1.3	3	Surplus: 8	3	
Average Requirement	1.5	4	Surplus: 7	4	

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Included Counties: Bibb, Crawford, Jones, Peach, Taylor, Twiggs, Wilkinson

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Radiology	247,650	39	15.7	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	11.4	28	Surplus: 11	29
Two Mature HMO	13.6	34	Surplus: 5	34
Adjusted FTE	13.7	34	Surplus: 5	34
GMENAC	7.7	19	Surplus: 20	19
Kaiser Portland	8.5	21	Surplus: 18	21
7 Kaiser Plans	4.7	12	Surplus: 27	12
GHC Seattle	7.7	19	Surplus: 20	19
Three HMOs				
Goodman	8.0	20	Surplus: 19	20
Hicks & Glenn				
Solucient				
Average Requirement	9.1	23	Surplus: 16	23

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Rheumatology	247,650	4	1.6	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.5	4	Adequate 0	4
Two Mature HMO	1.1	3	Surplus: 1	3
Adjusted FTE	1.0	2	Surplus: 2	3
GMENAC	0.7	2	Surplus: 2	2
Kaiser Portland	0.4	1	Surplus: 3	1
7 Kaiser Plans	0.7	2	Surplus: 2	2
GHC Seattle	0.7	2	Surplus: 2	2
Three HMOs				
Goodman	0.4	1	Surplus: 3	1
Hicks & Glenn				
Solucient	1.3	3	Surplus: 1	3
Average Requirement	0.8	2	Surplus: 2	2

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Included Counties: Bibb, Crawford, Jones, Peach, Taylor, Twiggs, Wilkinson

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
General Surgery	247,650	28	11.3	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	12.5	31	Deficit: -3	31
Two Mature HMO	9.4	23	Surplus: 5	24
Adjusted FTE	8.8	22	Surplus: 6	22
GMENAC	9.7	24	Surplus: 4	24
Kaiser Portland	7.0	17	Surplus: 11	18
7 Kaiser Plans	6.2	15	Surplus: 13	16
GHC Seattle	5.9	15	Surplus: 13	15
Three HMOs	4.2	10	Surplus: 18	11
Goodman	9.7	24	Surplus: 4	24
Hicks & Glenn	4.1	10	Surplus: 18	10
Solucient	6.0	15	Surplus: 13	15
Average Requirement	7.1	18	Surplus: 10	18

Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Thoracic Surgery	247,650	4	1.6	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	1.5	4	Adequate 0	4
Two Mature HMO				
Adjusted FTE				
GMENAC	0.8	2	Surplus: 2	2
Kaiser Portland	0.1	0	Surplus: 4	0
7 Kaiser Plans				
GHC Seattle				
Three HMOs				
Goodman				
Hicks & Glenn				
Solucient				
Average Requirement	0.5	1	Surplus: 3	1

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Physician Specialty	2008 Actual			2015 Projected
	Population	Physicians /100k		Population
Urology	247,650	8	3.2	250,180
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Status	Physician Need
AMA	3.5	9	Deficit: -1	9
Two Mature HMO	3.5	9	Deficit: -1	9
Adjusted FTE	3.3	8	Adequate 0	8
GMENAC	3.1	8	Adequate 0	8
Kaiser Portland	3.3	8	Adequate 0	8
7 Kaiser Plans	2.3	6	Surplus: 2	6
GHC Seattle	2.9	7	Surplus: 1	7
Three HMOs				
Goodman	2.6	6	Surplus: 2	7
Hicks & Glenn	1.9	5	Surplus: 3	5
Solucient	2.9	7	Surplus: 1	7
Average Requirement	2.9	7	Surplus: 1	7

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.
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