		2	2008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Allergy & Immunology		427,600	16	3.7	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	1.4	6	Surplus:	10	6
Two Mature HMO	1.5	6	Surplus:	10	7
Adjusted FTE	1.4	6	Surplus:	10	6
GMENAC	0.8	3	Surplus:	13	3
Kaiser Portland	1.7	7	Surplus:	9	7
7 Kaiser Plans	1.2	5	Surplus:	11	5
GHC Seattle	1.1	5	Surplus:	11	5
Three HMOs					
Goodman	1.3	6	Surplus:	10	6
Hicks & Glenn					
Solucient	1.7	7	Surplus:	9	7
Average Requirement	1.3	6	Surplus:	10	6

			2	008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
Anest	thesiology		427,600	82	19.2	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	14.0	60	Surplus:	22	61
	Two Mature HMO	9.7	41	Surplus:	41	42
	Adjusted FTE	9.1	39	Surplus:	43	39
	GMENAC	8.9	38	Surplus:	44	39
	Kaiser Portland	5.9	25	Surplus:	57	26
	7 Kaiser Plans	3.9	17	Surplus:	65	17
	GHC Seattle	9.0	38	Surplus:	44	39
	Three HMOs					
	Goodman	7.0	30	Surplus:	52	30
	Hicks & Glenn					
	Solucient					
	Average Requirement	7.6	32	Surplus:	50	33

		2	008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Cardiovascular Diseases	Cardiovascular Diseases		63	14.7	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	7.5	32	Surplus:	31	33
Two Mature HMO	5.4	23	Surplus:	40	23
Adjusted FTE	5.0	21	Surplus:	42	22
GMENAC	3.1	13	Surplus:	50	13
Kaiser Portland	3.0	13	Surplus:	50	13
7 Kaiser Plans	1.8	8	Surplus:	55	8
GHC Seattle	2.9	12	Surplus:	51	13
Three HMOs					
Goodman	3.6	15	Surplus:	48	16
Hicks & Glenn	2.6	11	Surplus:	52	11
Solucient	4.2	18	Surplus:	45	18
Average Requiremen	nt 3.5	15	Surplus:	48	15

			2	2008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
Derma	Dermatology		427,600	20	4.7	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	3.7	16	Surplus:	4	16
	Two Mature HMO	2.8	12	Surplus:	8	12
	Adjusted FTE	2.6	11	Surplus:	9	11
	GMENAC	2.8	12	Surplus:	8	12
	Kaiser Portland	2.5	11	Surplus:	9	11
	7 Kaiser Plans	2.4	10	Surplus:	10	10
	GHC Seattle	2.6	11	Surplus:	9	11
	Three HMOs	1.6	7	Surplus:	13	7
	Goodman	1.4	6	Surplus:	14	6
	Hicks & Glenn	2.1	9	Surplus:	11	9
	Solucient	3.1	13	Surplus:	7	14
	Average Requirement	2.4	10	Surplus:	10	10

		2	008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
<b>Emergency Medicine</b>		427,600	85	19.9	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	10.5	45	Surplus:	40	46
Two Mature HMO	5.5	24	Surplus:	61	24
Adjusted FTE	5.2	22	Surplus:	63	23
GMENAC	5.4	23	Surplus:	62	23
Kaiser Portland	6.7	29	Surplus:	56	29
7 Kaiser Plans	5.3	23	Surplus:	62	23
GHC Seattle					
Three HMOs					
Goodman	2.7	12	Surplus:	73	12
Hicks & Glenn					
Solucient	12.4	53	Surplus:	32	54
Average Requiremen	nt 6.2	27	Surplus:	58	27

			2	2008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
Endo	Endocrinology, Diabetes & Metabolism		427,600	12	2.8	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	1.8	8	Surplus:	4	8
	Two Mature HMO	1.1	5	Surplus:	7	5
	Adjusted FTE	1.0	4	Surplus:	8	4
	GMENAC	0.8	3	Surplus:	9	3
	Kaiser Portland	0.9	4	Surplus:	8	4
	7 Kaiser Plans	1.1	5	Surplus:	7	5
	GHC Seattle					
	Three HMOs	0.6	3	Surplus:	9	3
	Goodman					
	Hicks & Glenn					
	Solucient					
	Average Requirement	0.9	4	Surplus:	8	4

		2	008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Family Practice		427,600	178	41.6	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	31.5	135	Surplus:	43	137
Two Mature HMO	45.6	195	Deficit:	-17	198
Adjusted FTE	42.6	182	Deficit:	-4	185
GMENAC	25.2	108	Surplus:	70	109
Kaiser Portland	16.7	71	Surplus:	107	72
7 Kaiser Plans	11.0	47	Surplus:	131	48
GHC Seattle					
Three HMOs	9.2	39	Surplus:	139	40
Goodman					
Hicks & Glenn	16.2	69	Surplus:	109	70
Solucient	22.5	96	Surplus:	82	98
Average Requirement	23.6	101	Surplus:	77	102

		2	008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Gastroenterology		427,600	28	6.5	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	4.2	18	Surplus:	10	18
Two Mature HMO	3.1	13	Surplus:	15	13
Adjusted FTE					
GMENAC	3.2	14	Surplus:	14	14
Kaiser Portland	1.7	7	Surplus:	21	7
7 Kaiser Plans	1.7	7	Surplus:	21	7
GHC Seattle					
Three HMOs					
Goodman	1.3	6	Surplus:	22	6
Hicks & Glenn					
Solucient	3.5	15	Surplus:	13	15
Average Requirement	2.4	10	Surplus:	18	10

		2	008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Hematology/Oncology	Hematology/Oncology		5	1.2	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	S	Physician Need
AMA	3.5	15	Deficit:	-10	15
Two Mature HMO	2.5	11	Deficit:	-6	11
Adjusted FTE	2.4	10	Deficit:	-5	10
GMENAC	3.6	15	Deficit:	-10	16
Kaiser Portland	2.3	10	Deficit:	-5	10
7 Kaiser Plans	1.8	8	Deficit:	-3	8
GHC Seattle	1.6	7	Deficit:	-2	7
Three HMOs	2.6	11	Deficit:	-6	11
Goodman	1.2	5	Adequate	0	5
Hicks & Glenn					
Solucient	1.1	5	Adequate	0	5
Average Requiremen	nt 2.1	9	Deficit:	-4	9

		2	2008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Infectious Disease		427,600	16	3.7	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	2.2	9	Surplus:	7	10
Two Mature HMO	0.7	3	Surplus:	13	3
Adjusted FTE	0.6	3	Surplus:	13	3
GMENAC	0.9	4	Surplus:	12	4
Kaiser Portland	1.2	5	Surplus:	11	5
7 Kaiser Plans	0.7	3	Surplus:	13	3
GHC Seattle	0.6	3	Surplus:	13	3
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requireme	ent 0.8	3	Surplus:	13	3

		2	008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Internal Medicine	nternal Medicine		157	36.7	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	53.1	227	Deficit:	-70	230
Two Mature HMO	21.4	92	Surplus:	65	93
Adjusted FTE	20.0	86	Surplus:	71	87
GMENAC	28.8	123	Surplus:	34	125
Kaiser Portland	28.1	120	Surplus:	37	122
7 Kaiser Plans	30.3	130	Surplus:	27	131
GHC Seattle					
Three HMOs	16.7	71	Surplus:	86	72
Goodman					
Hicks & Glenn	11.3	48	Surplus:	109	49
Solucient	19.0	81	Surplus:	76	82
Average Requirement	22.0	94	Surplus:	63	95

			2	2008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
Nephr	rology		427,600	32	7.5	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	2.6	11	Surplus:	21	11
	Two Mature HMO	1.4	6	Surplus:	26	6
	Adjusted FTE	1.3	6	Surplus:	26	6
	GMENAC	1.1	5	Surplus:	27	5
	Kaiser Portland	0.8	3	Surplus:	29	3
	7 Kaiser Plans	0.7	3	Surplus:	29	3
	GHC Seattle	0.9	4	Surplus:	28	4
	Three HMOs					
	Goodman					
	Hicks & Glenn					
	Solucient	0.7	3	Surplus:	29	3
	Average Requirement	1.0	4	Surplus:	28	4

		2	008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Neurological Surgery		427,600	17	4.0	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	1.9	8	Surplus:	9	8
Two Mature HMO	1.1	5	Surplus:	12	5
Adjusted FTE	1.0	4	Surplus:	13	4
GMENAC	1.1	5	Surplus:	12	5
Kaiser Portland	1.4	6	Surplus:	11	6
7 Kaiser Plans					
GHC Seattle	0.4	2	Surplus:	15	2
Three HMOs					
Goodman	0.7	3	Surplus:	14	3
Hicks & Glenn					
Solucient					
Average Requirement	1.0	4	Surplus:	13	4

			2	008 Actual		2015 Projected
Physician Specialty			Population	Physicians	s /100k	Population
Neurolog	gy		427,600	40	9.4	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	5.0	21	Surplus:	19	22
	Two Mature HMO	2.4	10	Surplus:	30	10
	Adjusted FTE	2.3	10	Surplus:	30	10
	GMENAC	3.3	14	Surplus:	26	14
	Kaiser Portland	1.3	6	Surplus:	34	6
	7 Kaiser Plans	1.7	7	Surplus:	33	7
	GHC Seattle	1.2	5	Surplus:	35	5
	Three HMOs					
	Goodman	2.1	9	Surplus:	31	9
	Hicks & Glenn	1.4	6	Surplus:	34	6
	Solucient	1.8	8	Surplus:	32	8
	Average Requirement	1.9	8	Surplus:	32	8

			2	2008 Actual		2015 Projected
Physician	Specialty		Population	Physicians	/100k	Population
OB/GYN			427,600	69	16.1	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
•	AMA	14.1	60	Surplus:	9	61
-	Two Mature HMO	12.1	52	Surplus:	17	52
-	Adjusted FTE	11.3	48	Surplus:	21	49
-	GMENAC	9.9	42	Surplus:	27	43
-	Kaiser Portland	11.6	50	Surplus:	19	50
-	7 Kaiser Plans	11.5	49	Surplus:	20	50
-	GHC Seattle	10.0	43	Surplus:	26	43
-	Three HMOs	8.8	38	Surplus:	31	38
-	Goodman	8.4	36	Surplus:	33	36
-	Hicks & Glenn	8.0	34	Surplus:	35	35
	Solucient	10.2	43	Surplus:	26	44
=	Average Requirement	10.2	44	Surplus:	25	44

			2	2008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
Opthali	Opthalmology		427,600	34	8.0	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	6.0	26	Surplus:	8	26
	Two Mature HMO	5.9	25	Surplus:	9	26
	Adjusted FTE	5.5	24	Surplus:	10	24
	GMENAC	4.6	20	Surplus:	14	20
	Kaiser Portland	2.4	10	Surplus:	24	10
	7 Kaiser Plans	3.1	13	Surplus:	21	13
	GHC Seattle	5.0	21	Surplus:	13	22
	Three HMOs					
	Goodman	3.5	15	Surplus:	19	15
	Hicks & Glenn	3.2	14	Surplus:	20	14
	Solucient	4.7	20	Surplus:	14	20
	Average Requirement	4.2	18	Surplus:	16	18

		2	008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Orthopedic Surgery		427,600	58	13.6	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	8.3	35	Surplus:	23	36
Two Mature HMO	6.8	29	Surplus:	29	29
Adjusted FTE	6.4	27	Surplus:	31	28
GMENAC	6.0	26	Surplus:	32	26
Kaiser Portland	5.9	25	Surplus:	33	26
7 Kaiser Plans	4.2	18	Surplus:	40	18
GHC Seattle	6.7	29	Surplus:	29	29
Three HMOs	3.0	13	Surplus:	45	13
Goodman	5.9	25	Surplus:	33	26
Hicks & Glenn	4.2	18	Surplus:	40	18
Solucient	6.1	26	Surplus:	32	27
Average Requirement	5.5	24	Surplus:	34	24

		2	2008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Otolaryngology		427,600	25	5.8	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	3.4	15	Surplus:	10	15
Two Mature HMO	3.2	14	Surplus:	11	14
Adjusted FTE					
GMENAC	3.2	14	Surplus:	11	14
Kaiser Portland	3.4	15	Surplus:	10	15
7 Kaiser Plans	2.4	10	Surplus:	15	10
GHC Seattle	3.0	13	Surplus:	12	13
Three HMOs					
Goodman					
Hicks & Glenn					
Solucient					
Average Requireme	ent 3.0	13	Surplus:	12	13

			2	008 Actual		2015 Projected
Physic	Physician Specialty		Population	Physicians	/100k	Population
Pathol	ogy		427,600	37	8.7	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	6.3	27	Surplus:	10	27
	Two Mature HMO	1.9	8	Surplus:	29	8
	Adjusted FTE	1.8	8	Surplus:	29	8
	GMENAC	6.4	27	Surplus:	10	28
	Kaiser Portland	3.3	14	Surplus:	23	14
	7 Kaiser Plans	1.8	8	Surplus:	29	8
	GHC Seattle					
	Three HMOs					
	Goodman	4.1	18	Surplus:	19	18
	Hicks & Glenn					
	Solucient					
	Average Requirement	3.2	14	Surplus:	23	14

			2	008 Actual		2015 Projected
Physician	Physician Specialty		Population	Physicians	/100k	Population
Pediatric	s		427,600	109	25.5	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
•	AMA	24.9	106	Surplus:	3	108
-	Two Mature HMO	16.6	71	Surplus:	38	72
- -	Adjusted FTE	15.5	66	Surplus:	43	67
-	GMENAC	12.4	53	Surplus:	56	54
-	Kaiser Portland	11.9	51	Surplus:	58	52
-	7 Kaiser Plans	16.0	68	Surplus:	41	69
-	GHC Seattle					
-	Three HMOs	9.8	42	Surplus:	67	42
-	Goodman					
-	Hicks & Glenn	7.6	32	Surplus:	77	33
-	Solucient	13.9	59	Surplus:	50	60
-	Average Requirement	13.0	56	Surplus:	53	56

		2	2008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Plastic Surgery		427,600	17	4.0	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	2.4	10	Surplus:	7	10
Two Mature HMO					
Adjusted FTE					
GMENAC	1.1	5	Surplus:	12	5
Kaiser Portland	0.3	1	Surplus:	16	1
7 Kaiser Plans					
GHC Seattle	0.4	2	Surplus:	15	2
Three HMOs					
Goodman	1.1	5	Surplus:	12	5
Hicks & Glenn	2.3	10	Surplus:	7	10
Solucient	2.2	9	Surplus:	8	10
Average Requirement	1.2	5	Surplus:	12	5

		2	008 Actual		2015 Projected
Physician Specialty	Physician Specialty		Physicians	/100k	Population
Psychiatry		427,600	80	18.7	433,462
National Physiciar Standards*	n Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	13.6	58	Surplus:	22	59
Two Mature HMO	7.7	33	Surplus:	47	33
Adjusted FTE	7.2	31	Surplus:	49	31
GMENAC	15.4	66	Surplus:	14	67
Kaiser Portland	5.2	22	Surplus:	58	23
7 Kaiser Plans	4.1	18	Surplus:	62	18
GHC Seattle					
Three HMOs					
Goodman	7.2	31	Surplus:	49	31
Hicks & Glenn	3.9	17	Surplus:	63	17
Solucient	5.7	25	Surplus:	55	25
Average Requiren	nent 7.1	30	Surplus:	50	31

			2	008 Actual		2015 Projected
Physician S	Physician Specialty		Population	Physicians	/100k	Population
Pulmonary	/ Diseases		427,600	26	6.1	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
_	AMA	3.5	15	Surplus:	11	15
	Two Mature HMO	2.0	9	Surplus:	17	9
_	Adjusted FTE	1.9	8	Surplus:	18	8
_	GMENAC	1.4	6	Surplus:	20	6
_	Kaiser Portland	1.4	6	Surplus:	20	6
_	7 Kaiser Plans	1.0	4	Surplus:	22	4
_	GHC Seattle	1.4	6	Surplus:	20	6
_	Three HMOs					
_	Goodman	1.4	6	Surplus:	20	6
_	Hicks & Glenn					
_	Solucient	1.3	6	Surplus:	20	6
	Average Requirement	1.5	6	Surplus:	20	7

			2	008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
Radiology	,		427,600	64	15.0	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
=	AMA	11.4	49	Surplus:	15	49
_	Two Mature HMO	13.6	58	Surplus:	6	59
=	Adjusted FTE	13.7	59	Surplus:	5	59
_	GMENAC	7.7	33	Surplus:	31	33
_	Kaiser Portland	8.5	36	Surplus:	28	37
_	7 Kaiser Plans	4.7	20	Surplus:	44	20
_	GHC Seattle	7.7	33	Surplus:	31	33
_	Three HMOs					
_	Goodman	8.0	34	Surplus:	30	35
_	Hicks & Glenn					
_	Solucient					
_	Average Requirement	9.1	39	Surplus:	25	39

		2	2008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Rheumatology		427,600	12	2.8	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	1.5	6	Surplus:	6	7
Two Mature HMO	1.1	5	Surplus:	7	5
Adjusted FTE	1.0	4	Surplus:	8	4
GMENAC	0.7	3	Surplus:	9	3
Kaiser Portland	0.4	2	Surplus:	10	2
7 Kaiser Plans	0.7	3	Surplus:	9	3
GHC Seattle	0.7	3	Surplus:	9	3
Three HMOs					
Goodman	0.4	2	Surplus:	10	2
Hicks & Glenn					
Solucient	1.3	6	Surplus:	6	6
Average Requirement	0.8	3	Surplus:	9	3

			2	008 Actual		2015 Projected
Physician Specialty			Population	Physicians	/100k	Population
General	Surgery		427,600	60	14.0	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
	AMA	12.5	53	Surplus:	7	54
	Two Mature HMO	9.4	40	Surplus:	20	41
	Adjusted FTE	8.8	38	Surplus:	22	38
	GMENAC	9.7	41	Surplus:	19	42
	Kaiser Portland	7.0	30	Surplus:	30	30
	7 Kaiser Plans	6.2	27	Surplus:	33	27
	GHC Seattle	5.9	25	Surplus:	35	26
	Three HMOs	4.2	18	Surplus:	42	18
	Goodman	9.7	41	Surplus:	19	42
	Hicks & Glenn	4.1	18	Surplus:	42	18
	Solucient	6.0	26	Surplus:	34	26
	Average Requirement	7.1	30	Surplus:	30	31

		2008 Actual			2015 Projected
Physician Specialty		Population	Physicians	/100k	Population
Thoracic Surgery		427,600	4	0.9	433,462
National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	s	Physician Need
AMA	1.5	6	Deficit:	-2	7
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

			2	008 Actual		2015 Projected
Physician Specialty		Population	Physicians	/100k	Population	
Urology			427,600	18	4.2	433,462
	National Physician Standards*	Standard Phys/100,000 Pop.	Physician Need	Statu	S	Physician Need
•	AMA	3.5	15	Surplus:	3	15
	Two Mature HMO	3.5	15	Surplus:	3	15
-	Adjusted FTE	3.3	14	Surplus:	4	14
	GMENAC	3.1	13	Surplus:	5	13
-	Kaiser Portland	3.3	14	Surplus:	4	14
-	7 Kaiser Plans	2.3	10	Surplus:	8	10
	GHC Seattle	2.9	12	Surplus:	6	13
-	Three HMOs					
	Goodman	2.6	11	Surplus:	7	11
	Hicks & Glenn	1.9	8	Surplus:	10	8
	Solucient	2.9	12	Surplus:	6	12
-	Average Requirement	2.9	12	Surplus:	6	13

Included Counties: Burke, Columbia, Glascock, Hancock, Jefferson, Jenkins, Lincoln, McDuffie, Richmond, Taliaferro, Warren, Washington, Wilkes

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 328:1480152. 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.