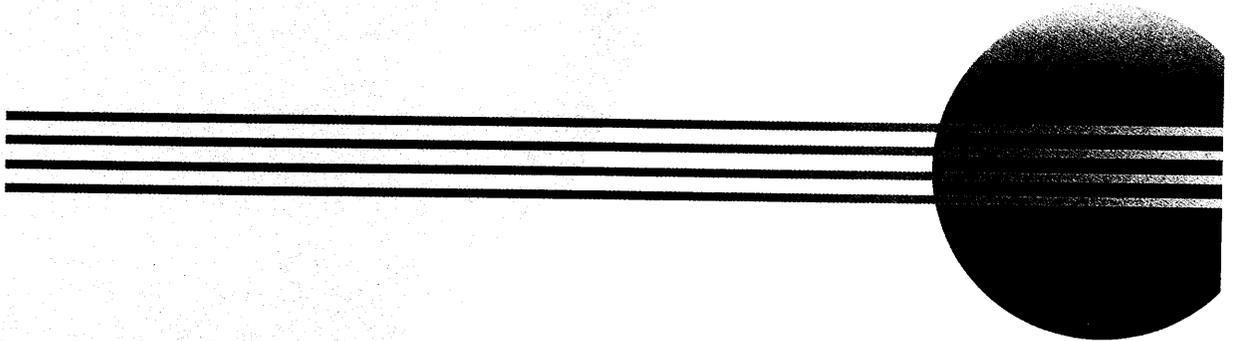

PHYSICIAN WORKFORCE 2000

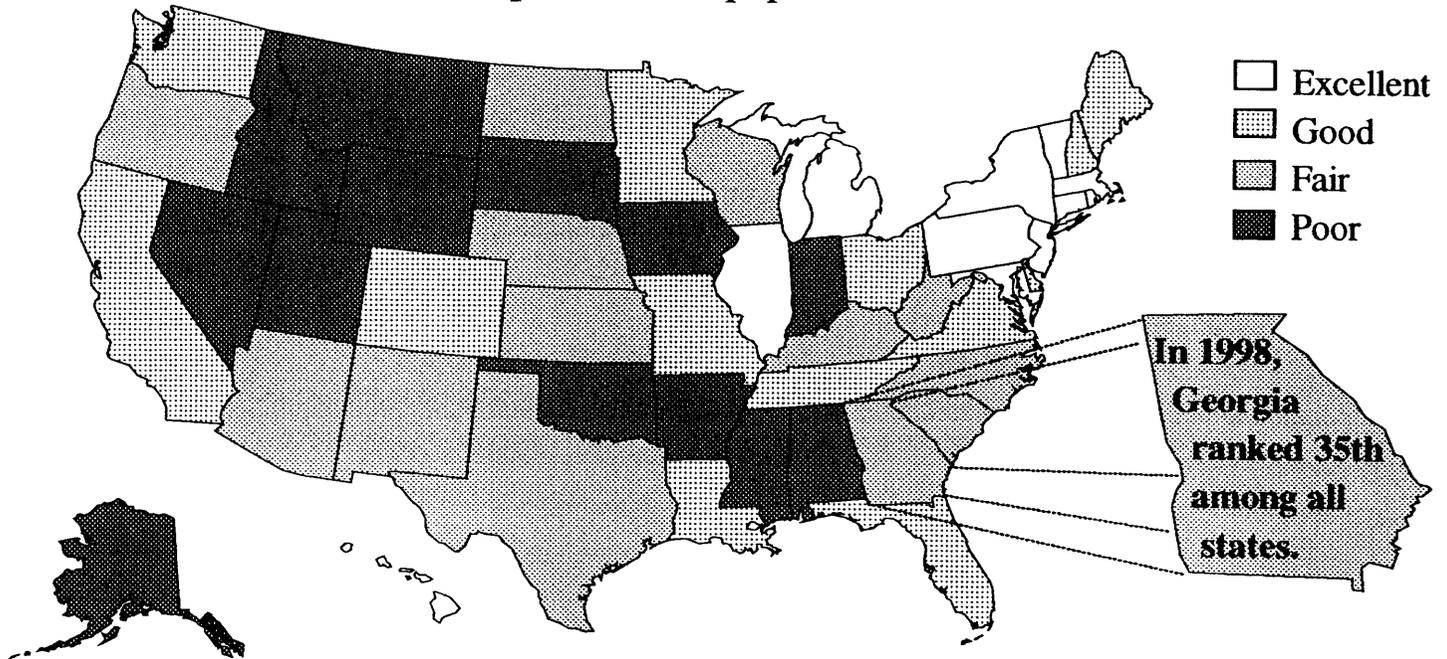


The Georgia Board for Physician Workforce
State of Georgia

PHYSICIAN PROFILE

2000

Distribution of Physicians, U.S. 1998*
per 100,000 population

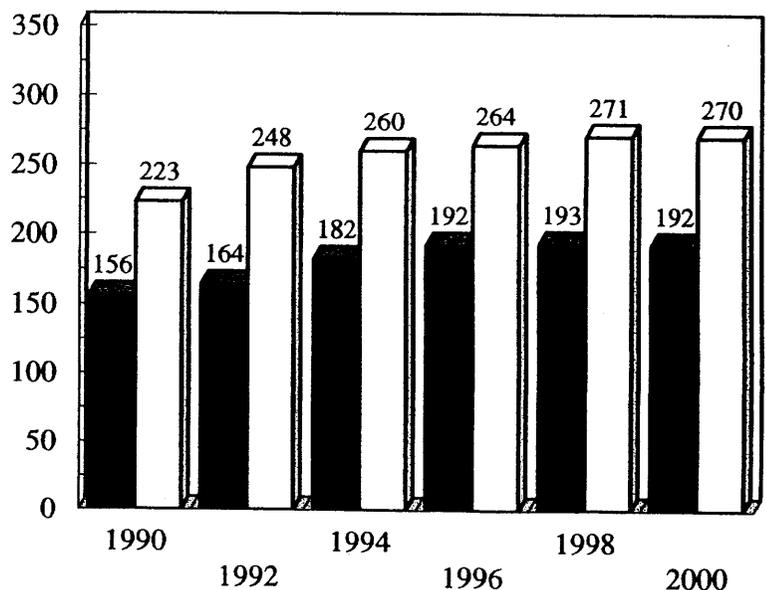


The monitoring and understanding of the physician workforce provides for the examination of the geographic distribution of physicians in Georgia. This analysis offers an important tool to (1) determine funding for residency programs (Graduate Medical Education), (2) identify areas of need, (3) plan for health services, (4) locate facilities, and (5) monitor the number of practicing physicians. Essentially, the national and state overview shown in this workforce analysis indicates a continual maldistribution problem; however, in Georgia many areas are considered to have an adequate number of physicians.

Physician Supply Georgia vs. United States

There have been major changes in the growth of population and of physicians in the last decade. The population in Georgia increased by 26.4% from 1990 to 2000. In 1990 the population was 6,478,216 and in 2000 it was 8,186,453. The rate of physician increase during the decade was 23.1%, slightly less than the population growth. In the U.S. the population increased by 13.2% during the decade, while the physician rate increased by 21.1%. Obviously, Georgia has outpaced the country in population growth, yet only had a moderate increase in the rate of physician growth compared to the U.S.

Rate per 100,000



* Source: www.cdc.gov/nchs . Rankings are quartiled.

MALDISTRIBUTION OF PHYSICIANS

PHYSICIANS IN GEORGIA

Rate*, Selected Specialties, Urban/Rural, 1990-2000

Specialties by Rate

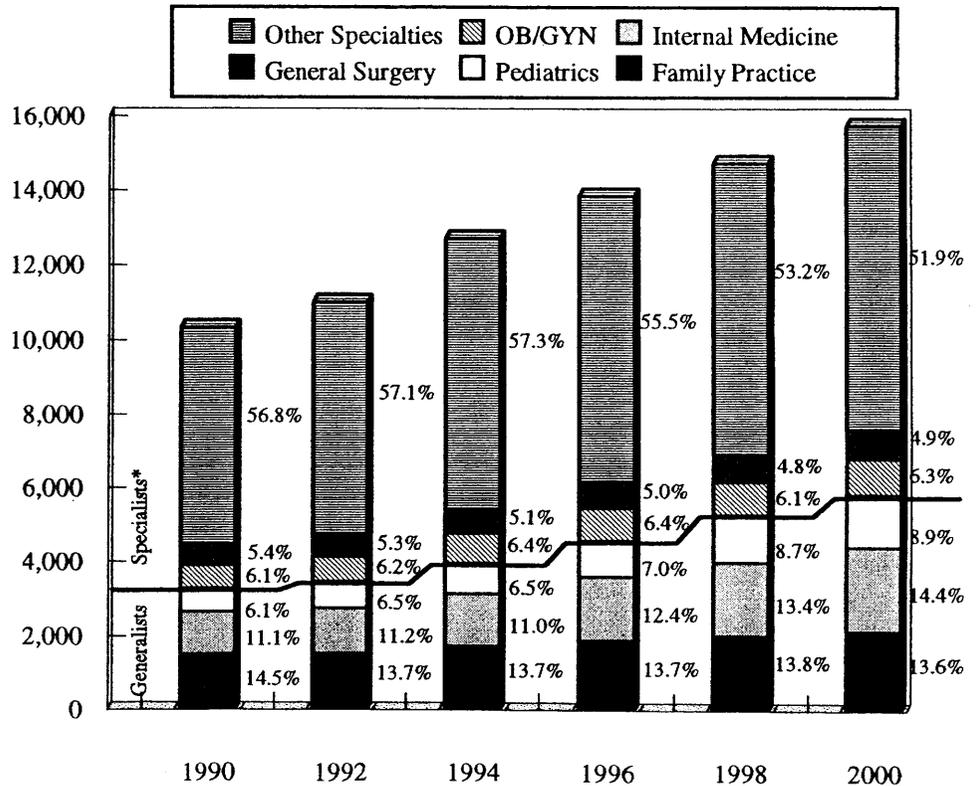
LOCATION AND YEAR	Family Practice	Internal Medicine	Pediatrics	Obstetrics-Gynecology	General Surgery	Other Specialties	Total Rate**
URBAN 2000	24	32	21	14	10	118	218
1998	25	30	21	14	10	125	226
1996	25	29	17	15	11	132	228
1994	23	24	15	14	10	132	218
1992	20	22	13	12	9	119	196
1990	21	22	13	12	10	115	193
RURAL 2000	29	17	8	8	8	56	127
1998	30	16	7	7	7	55	121
1996	30	13	6	7	8	52	116
1994	30	12	6	6	8	47	108
1992	27	11	5	6	7	41	99
1990	26	10	5	5	7	38	91
STATE 2000	26	28	17	12	9	100	192
1998	27	26	17	12	9	103	193
1996	26	24	13	12	10	107	192
1994	25	20	12	11	9	105	182
1992	23	18	11	10	9	94	164
1990	23	18	10	10	9	86	156

* Rates are per 100,000 population

** Totals may not equal, due to rounding.

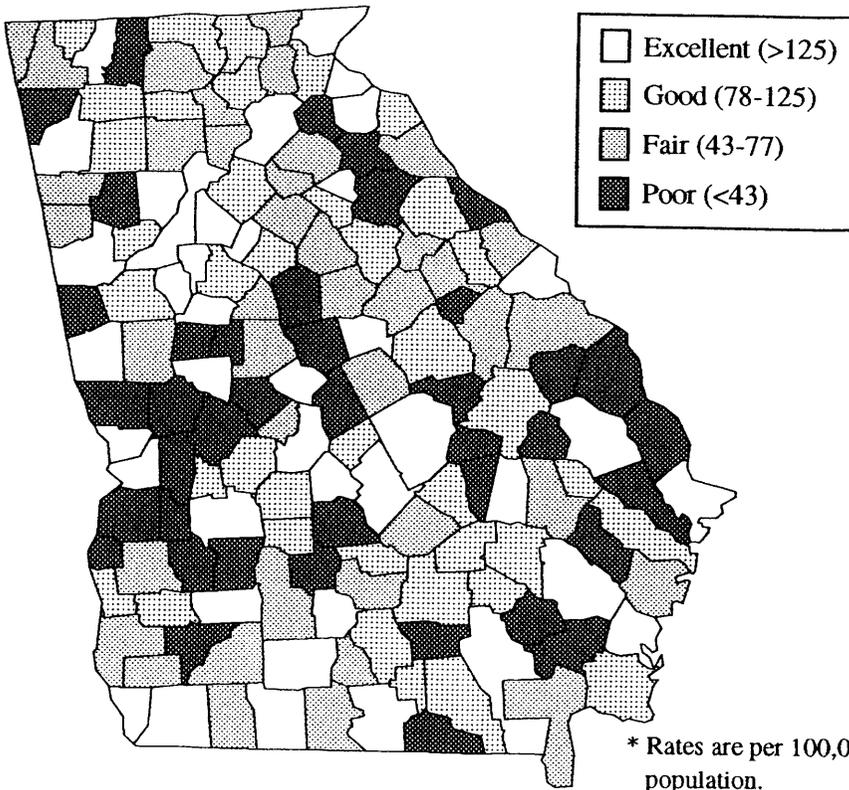
Generalists vs. Specialists

- The number of generalists increased from 31.7% in 1990 to 36.9% in 2000. Between 1998 and 2000 there was a 1.0% increase in generalists.
- Rates increased for Internal Medicine; Pediatrics remained constant; Family Practice, OB/GYN and General Surgery rates have not changed significantly since 1994.
- There has been an increase in the rate of "other specialists" from 1990 to 1994; however, since that time the rate has decreased.



PHYSICIAN RATE

DISTRIBUTION OF PHYSICIANS, GEORGIA*



- In 2000, Georgia's physician rate per 100,000 population was 192; compared to the rate of 156 in 1990.

- The distribution of physicians in Georgia is primarily concentrated in metropolitan counties. The ten highest ranking counties are:

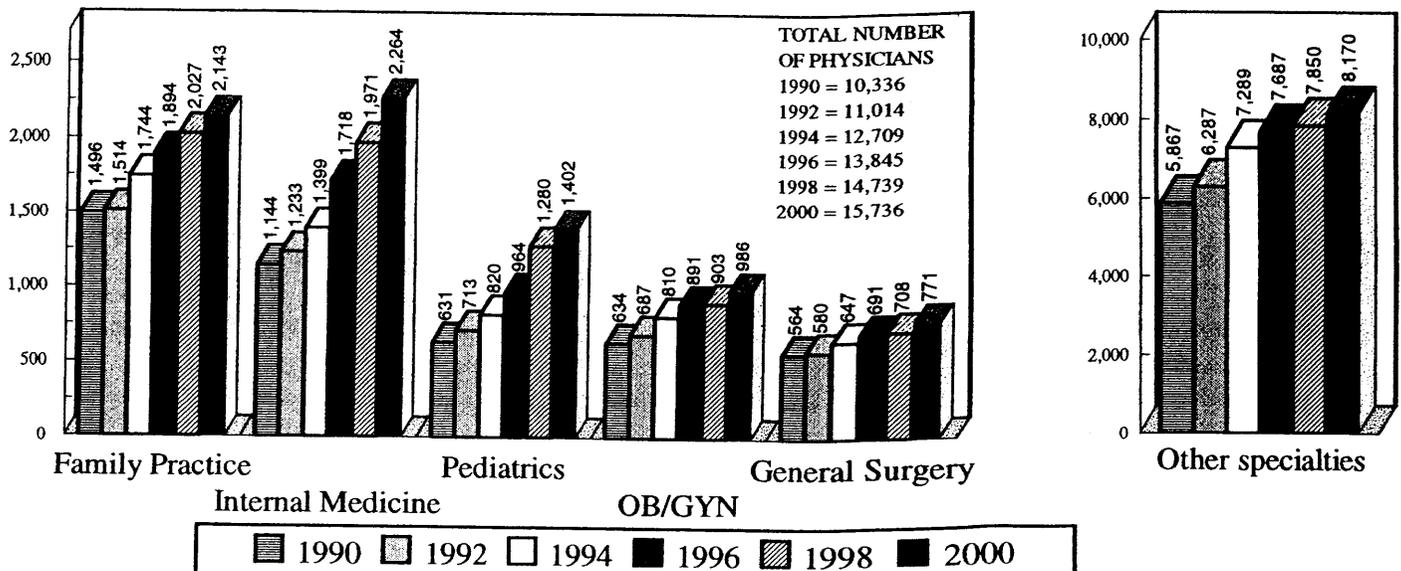
1. Richmond
2. Fulton
3. Bibb
4. DeKalb
5. Thomas
6. Floyd
7. Baldwin
8. Clarke
9. Dougherty
10. Chatham

- Sixty-five percent of all physicians are located in the nine counties with a population greater than 150,000, which represents 45% of the state's population.

PHYSICIANS IN GEORGIA, 1990 TO 2000

In Georgia, between 1990 & 2000 there was:

- A 122.2% increase in the number of Pediatricians from 631 to 1402; an increase in Internists of 97.9% (an increase of 1,120 physicians); and a 52.2% increase in the total number of physicians.



PHYSICIANS BY SPECIALTY

TOTAL PHYSICIANS BY SPECIALTY, GEORGIA, 2000 Number, Rate, and Practice Counties*

SPECIALTY	NUMBER OF PHYSICIANS	RATE PER 100,000	PRACTICE COUNTIES	SPECIALTY	NUMBER OF PHYSICIANS	RATE PER 100,000	PRACTICE COUNTIES
Abdominal Surgery	13	0.16	7	Neurological Surgery	110	1.34	20
Addiction Medicine	14	0.17	8	Neurology	261	3.19	35
Addiction Psychiatry	2	0.02	2	Neuropathology	1	0.01	1
Adolescent Medicine	5	0.06	5	Nuclear Medicine	11	0.13	5
Aerospace Medicine	10	0.12	5	Nuclear Radiology	3	0.04	2
Allergy	18	0.22	10	Nutrition	6	0.07	6
Allergy and Immunology	53	0.65	20	Obstetrics/Gynecology	986	12.04	80
Anesthesiology	783	9.56	63	Occupational Medicine	89	1.09	19
Bloodbanking	6	0.07	3	Oncology	129	1.58	24
Broncho-Esophagology	2	0.02	2	Ophthalmology	389	4.75	53
Cardiovascular Diseases	387	4.73	38	Orthopedic Surgery	556	6.79	66
Cardiovascular Surgery	47	0.57	10	Other	113	1.38	26
Child Psychiatry	23	0.28	10	Otology	4	0.05	4
Clinical Pathology	14	0.17	7	Otorhinolaryngology	255	3.11	53
Clinical Pharmacology	1	0.01	1	Pain Medicine	14	0.17	7
Colon and Rectal Surgery	26	0.32	13	Pathology	369	4.51	46
Dermatology	244	2.98	40	Pediatric Allergy	3	0.04	3
Dermatopathology	2	0.02	1	Pediatric Endocrinology	8	0.10	5
Diabetes	12	0.15	8	Pediatric Hematology-Oncol.	2	0.02	2
Diagnostic Radiology	265	3.24	60	Pediatric Nephrology	4	0.05	3
Emergency Medicine	732	8.94	95	Pediatric Neurology	11	0.13	5
Endocrinology	63	0.77	13	Pediatric Radiology	2	0.02	2
Family/General Practice	2,143	26.18	151	Pediatric Surgery	12	0.15	5
Forensic Pathology	2	0.02	2	Pediatrics	1,402	17.13	94
Gastroenterology	217	2.65	39	Physical Medicine & Rehab.	119	1.45	24
General Preventive Medicine	49	0.60	14	Plastic Surgery	149	1.82	24
General Surgery	771	9.42	94	Psychiatry	912	11.14	70
Geriatrics	19	0.23	6	Psychoanalysis	2	0.02	1
Gynecology	184	2.25	41	Psychosomatic Medicine	3	0.04	3
Hand Surgery	3	0.04	3	Public Health	95	1.16	11
Head and Neck Surgery	2	0.02	2	Pulmonary Diseases	157	1.92	27
Hematology	28	0.34	8	Radioisotopic Radiology	1	0.01	1
Hypnosis	3	0.04	3	Radiology	480	5.86	59
Immunology	7	0.09	3	Rheumatology	61	0.75	17
Infectious Disease	98	1.20	16	Rhinology	2	0.02	2
Internal Medicine	2,264	27.66	133	Therapeutic Radiology	55	0.67	25
Laryngology	0	0.00	0	Thoracic Surgery	35	0.43	15
Legal Medicine	5	0.06	4	Traumatic Surgery	4	0.05	2
Maxillofacial Surgery	11	0.13	7	Urological Surgery	249	3.04	45
Neonatal-Perinatal Medicine	26	0.32	10	Unknown	6		
Neoplastic Diseases	7	0.09	5				
Nephrology	105	1.28	28	STATE TOTAL	15,736	192.22	159

RANK ORDER OF TOP 10 SPECIALTIES, GEORGIA, 2000 Number, Rate, and Practice Counties*

SPECIALTY	NUMBER	RATE	PRACTICE COUNTIES	SPECIALTY	NUMBER	RATE	PRACTICE COUNTIES
1. Internal Medicine	2,264	27.7	133	6. Anesthesiology	783	9.6	63
2. Family/General Practice	2,143	26.2	151	7. General Surgery	771	9.4	94
3. Pediatrics	1,402	17.1	94	8. Emergency Medicine	732	8.9	95
4. Obstetrics/Gynecology	986	12.0	80	9. Orthopedic Surgery	556	6.8	66
5. Psychiatry	912	11.1	70	10. Radiology	480	5.9	59

* Represents the number of counties for that practice specialty. For example, Family Physicians practice in 151 of the 159 counties, or there are 8 counties without a Family Practitioner.

PHYSICIANS BY SPECIALTY

PHYSICIANS PRACTICING IN MORE THAN ONE COUNTY, 2000 Number and Percent of Total for Each Specialty

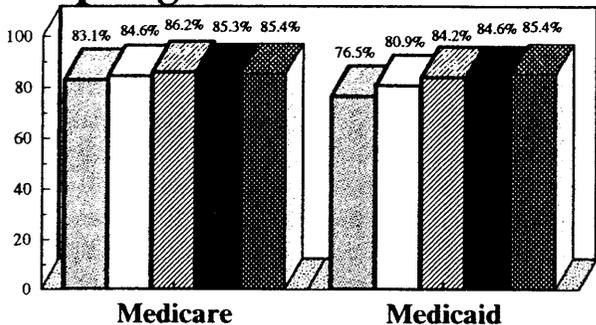
SPECIALTY	#	%	SPECIALTY	#	%	SPECIALTY	#	%
Pediatric Endocrinology	5	62.50	Neurology	72	27.59	Internal Medicine	321	14.18
Allergy and Immunology	30	56.60	Physical Medicine & Rehab.	32	26.89	Plastic Surgery	21	14.09
Oncology	53	41.09	Dermatology	65	26.64	Occupational Medicine	12	13.48
Allergy	7	38.89	Emergency Medicine	191	26.09	Anesthesiology	104	13.28
Radiology	180	37.50	Endocrinology	16	25.40	General Preventive Medicine	6	12.24
Cardiovascular Diseases	137	35.40	Gastroenterology	53	24.42	Family/General Practice	259	12.09
Otorhinolaryngology	89	34.90	Psychiatry	222	24.34	Rheumatology	7	11.48
Neonatal-Perinatal Medicine	9	34.62	General Surgery	182	23.61			
Therapeutic Radiology	19	34.55	Pathology	84	22.76			
Nephrology	36	34.29	Other	25	22.12			
Orthopedic Surgery	189	33.99	Neurological Surgery	24	21.82			
Ophthalmology	125	32.13	Pediatrics	293	20.90			
Urological Surgery	77	30.92	Public Health	18	18.95			
Colon & Rectal Surgery	8	30.77	Gynecology	32	17.39			
Child Psychiatry	7	30.43	Pulmonary Diseases	27	17.20			
Diagnostic Radiology	75	28.30	Cardiovascular Surgery	7	14.89			
Obstetrics/Gynecology	276	27.99	Infectious Disease	14	14.29	STATE TOTAL	3,409	21.7

Interpretation: 14.18% or 321 of all Internal Medicine physicians practice in more than one county. Specialties are not listed if less than five physicians practice in multiple counties.

All Specialties

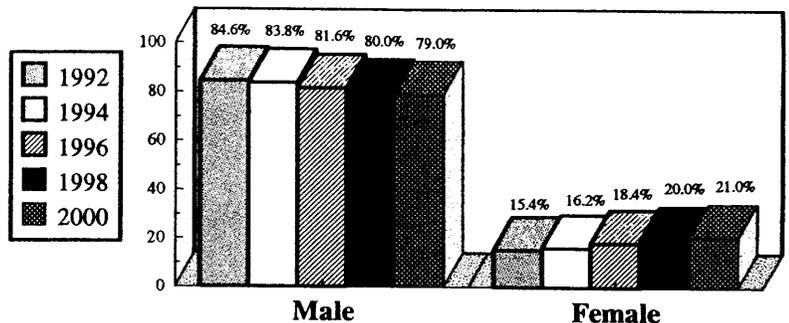
DEMOGRAPHICS

Accepting Medicare and Medicaid *



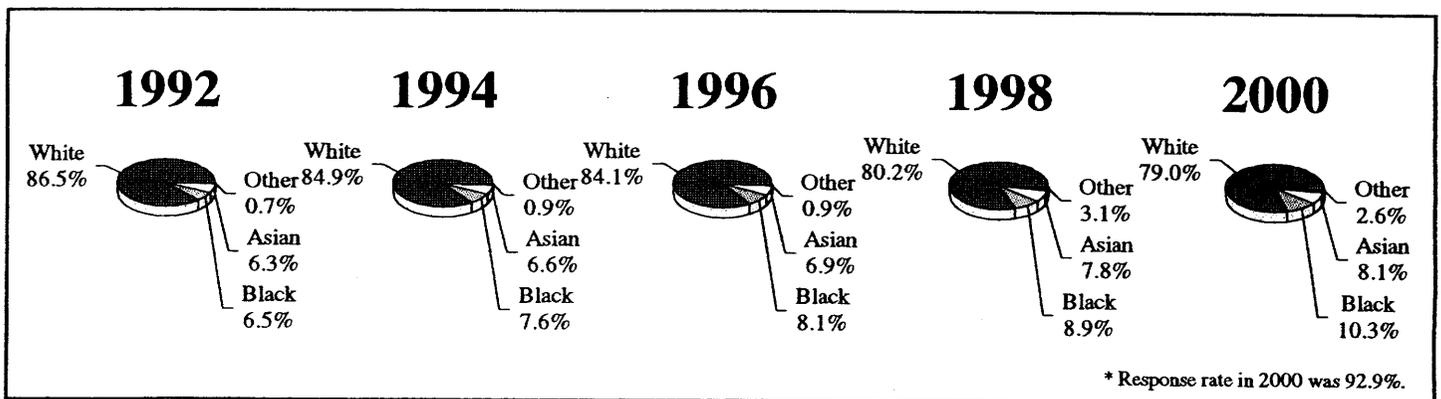
* Response rate in 2000 was 99.5% for both.

Gender*



* Response rate in 2000 was 95.8%.

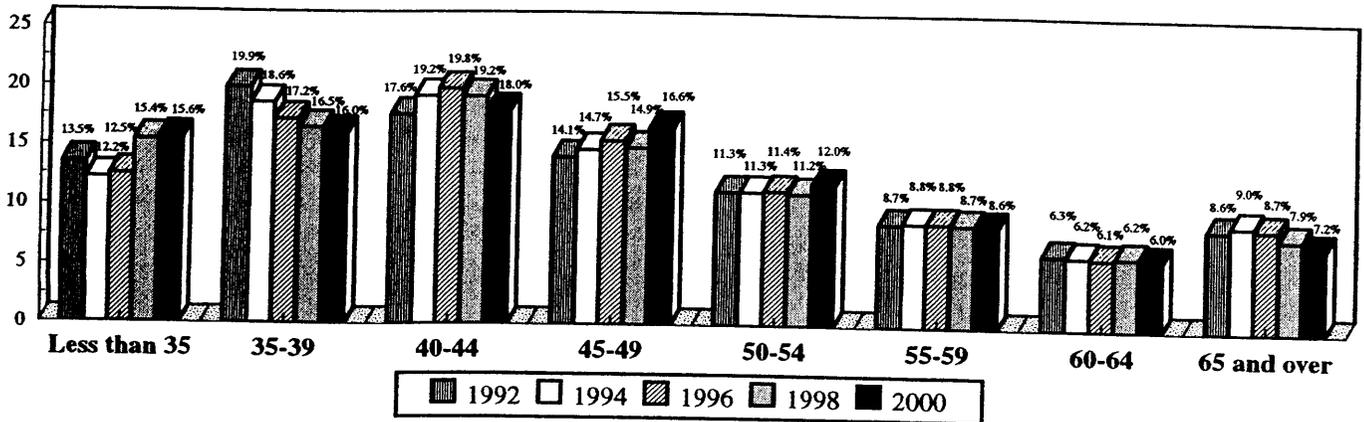
Race



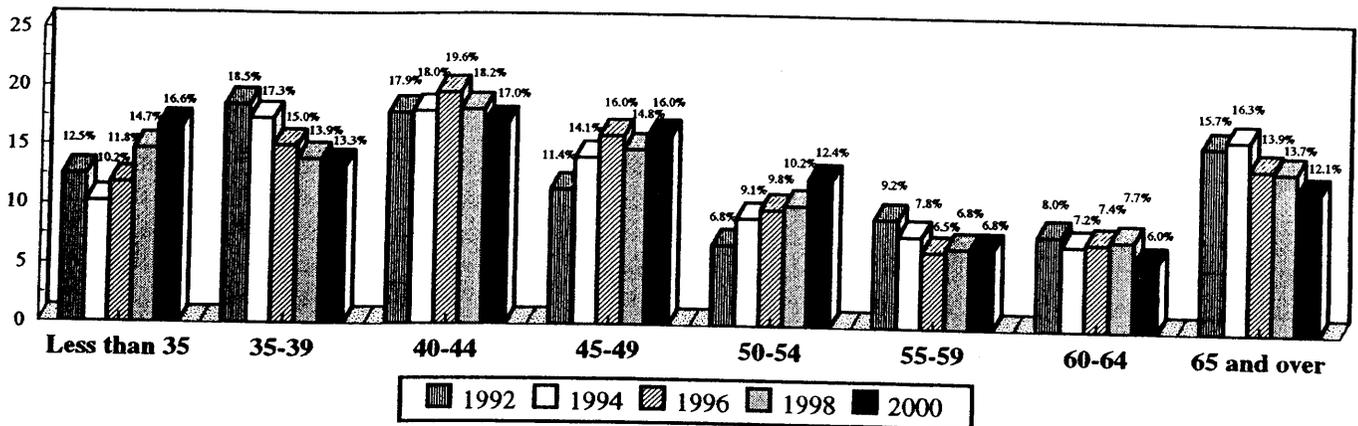
* Response rate in 2000 was 92.9%.

Distribution by Age and Specialty

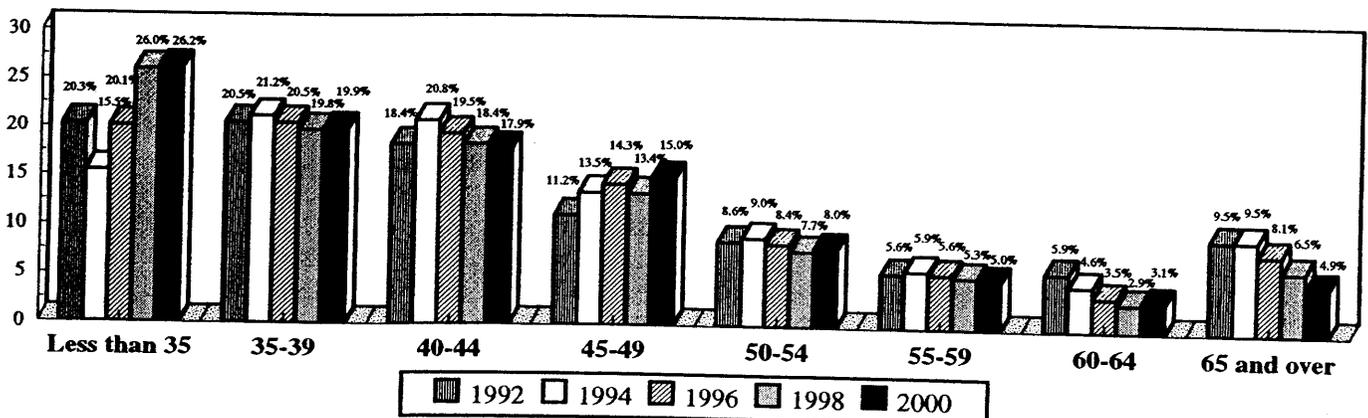
TOTAL PHYSICIANS



FAMILY/GENERAL PRACTICE

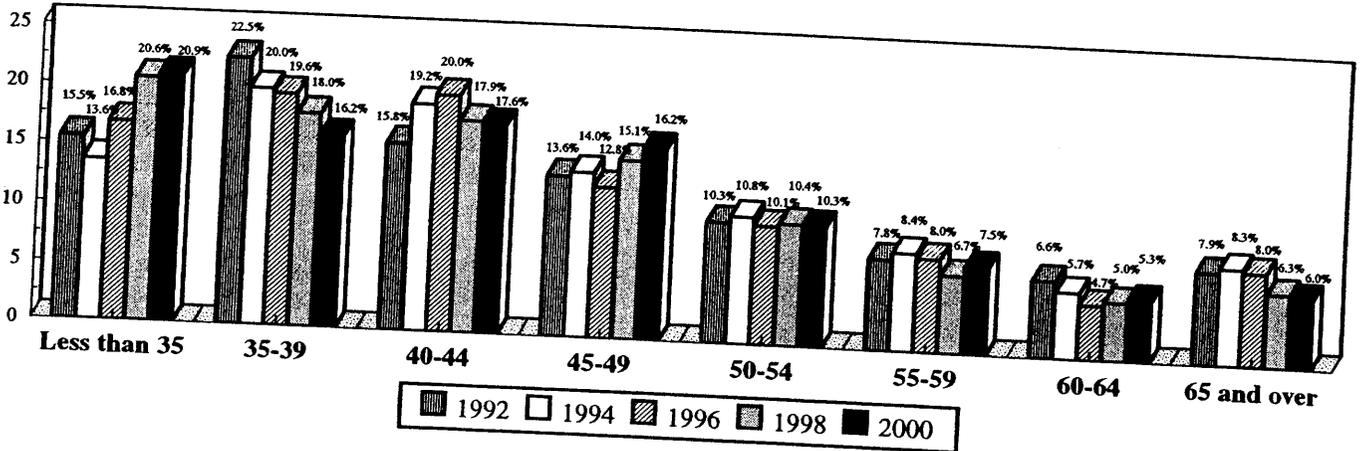


INTERNAL MEDICINE

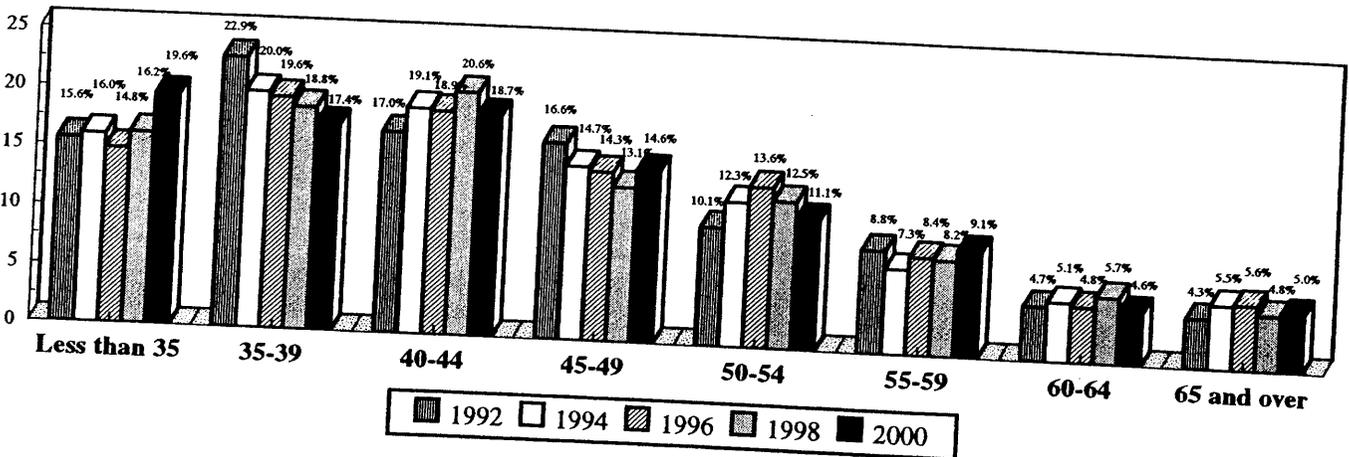


Distribution by Age and Specialty

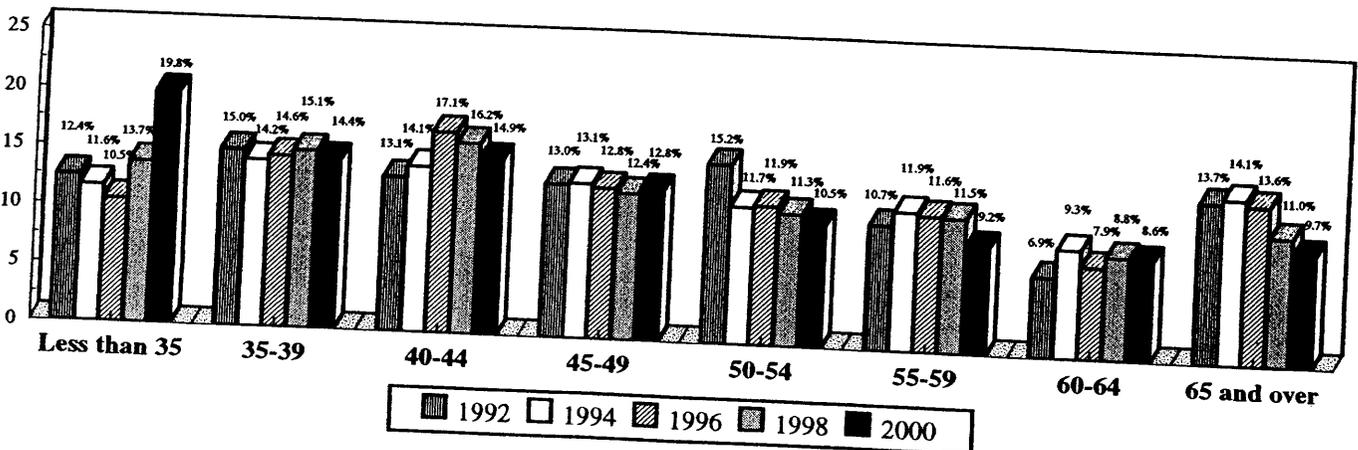
PEDIATRICS



OB/GYN

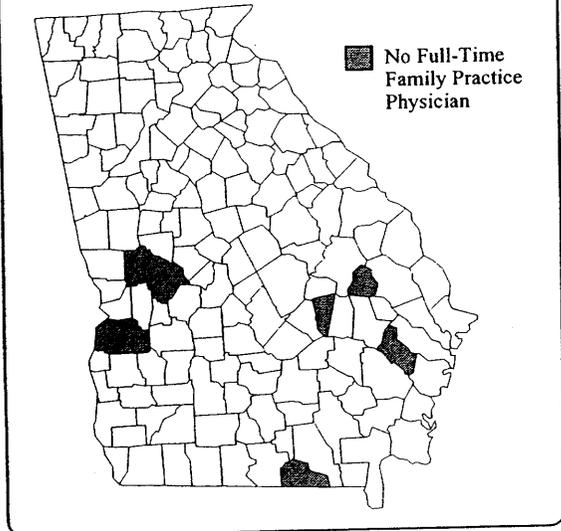


GENERAL SURGERY



FAMILY PRACTICE PROFILE - 2000

COUNTIES WITHOUT A FULL-TIME FAMILY PRACTICE PHYSICIAN

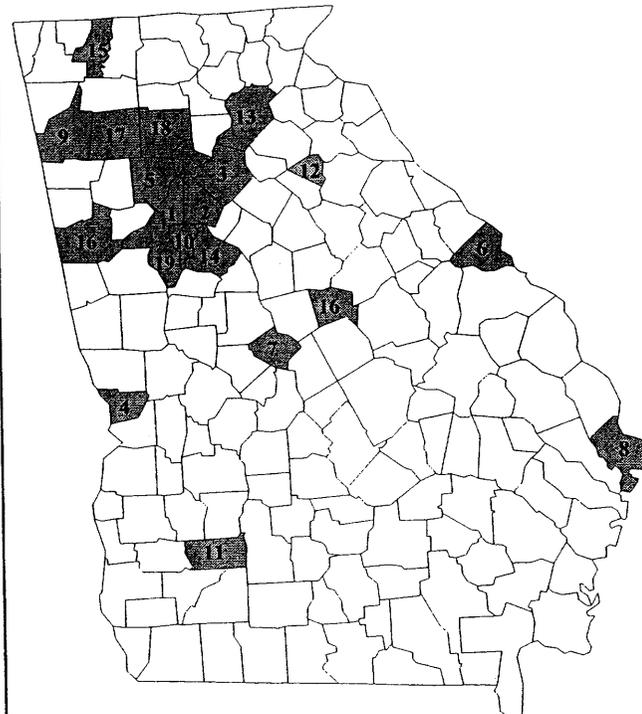


- Four of the top twenty counties for Family Practice physicians, when ranked by number, are in rural areas.
- In Georgia, only eight of the state's 159 counties do not have a full-time Family Practice physician.

TOP TWENTY COUNTIES BY NUMBER OF FAMILY PRACTICE PHYSICIANS *

RANK

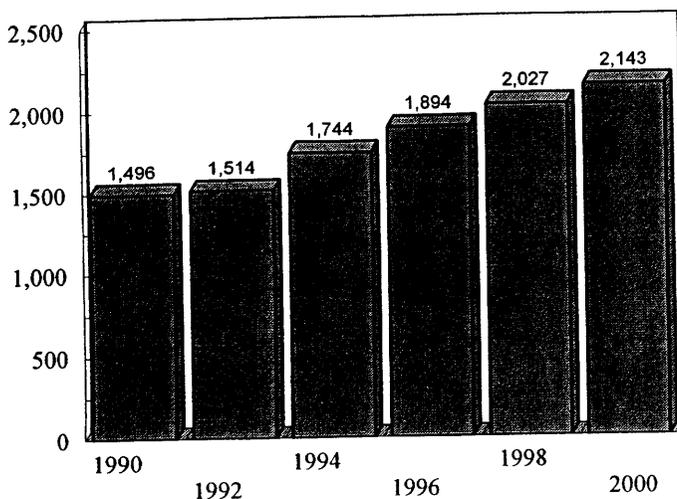
1. Fulton (178)**
2. DeKalb (147)
3. Gwinnett (116)
4. Muscogee (105)
5. Cobb (99)
6. Richmond (98)
7. Bibb (76)
8. Chatham (76)
9. Floyd (61)
10. Clayton (47)
11. Dougherty (35)
12. Clarke (31)
13. Hall (30)
14. Henry (30)
15. Whitfield (28)
16. Baldwin (27)
17. Bartow (25)
18. Cherokee (24)
19. Fayette (24)
20. Forsyth (23)



* Numbers correspond to county code.

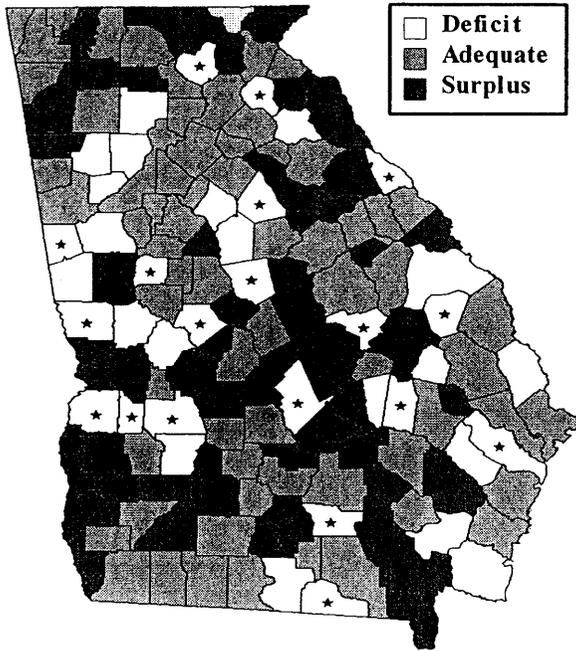
** Numbers in parentheses represent the number of physicians.

Physician Supply



- In the ten year period (1990-2000), the number of Family Physicians in Georgia increased 43.2%.
- Applying the Georgia Board for Physician Workforce standard, the current state supply of 2,143 Family Physicians is within the recommended range of 1,441 to 2,702.
- Utilizing the Georgia Board for Physician Workforce standard of a +/- 0.5 standard deviation, there are 39 Georgia counties that have a deficit of Family Practitioners.

Physician Distribution - 2000: Deficit, Adequate, and Surplus Counties¹



★ = Deficit < 1 Physician⁵

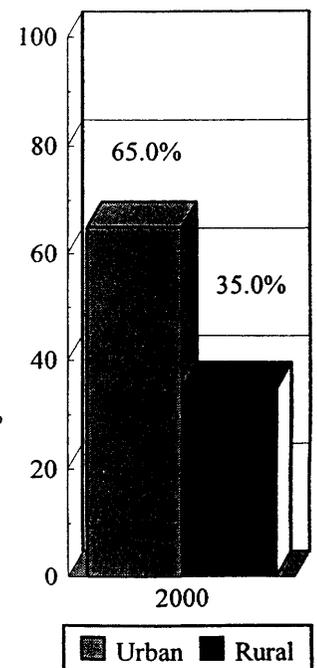
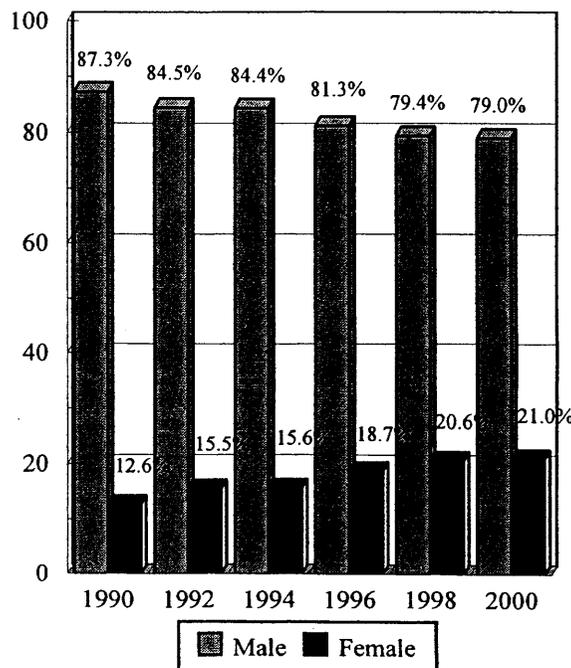
Physician Supply - 2000						
	Population	Counties	PHYSICIAN			Status ⁴
			Supply ²	Range ³		
				Low	High	
State	8,186,453	159	2,143	1,441	2,702	Within Range
Deficit Counties	1,769,024	39	240	311	584	Below Range
Adequate Counties	4,793,285	67	1,122	844	1,582	Within Range
Surplus Counties	1,624,144	53	761	286	536	Above Range

- (1) A county is categorized as surplus, adequate, or deficit based on the Georgia Board for Physician Workforce standard of +/- 0.5 standard deviation of the physician rate per 100,000 in 1998.
- (2) The sum of the categorized counties does not equal the state total because all physician locations could not be determined.
- (3) The range for physician need is based on the Georgia Board for Physician Workforce standard of +/- 0.5 standard deviation.
- (4) Physician status is classified by comparing the physician supply to the range as defined by the Georgia Board for Physician Workforce. For example, deficit counties show a supply of 240 physicians which is below the defined range (311-584).
- (5) Not all deficit counties require a full-time physician.

FAMILY PHYSICIANS (by Gender)

NUMBER		
GENDER	MSA	NON-MSA
Male		
2000	1013	612
1998	1001	600
Female		
2000	314	110
1998	313	102

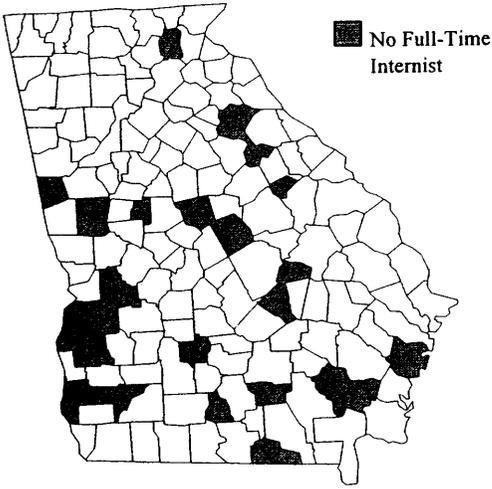
PERCENT		
GENDER	MSA	NON-MSA
Male		
2000	76.3%	84.8%
1998	76.2%	85.5%
Female		
2000	23.7%	15.2%
1998	23.8%	14.5%



* Ninety-four physicians failed to respond to one or both questions.

INTERNAL MEDICINE PROFILE - 2000

COUNTIES WITHOUT A FULL-TIME INTERNIST

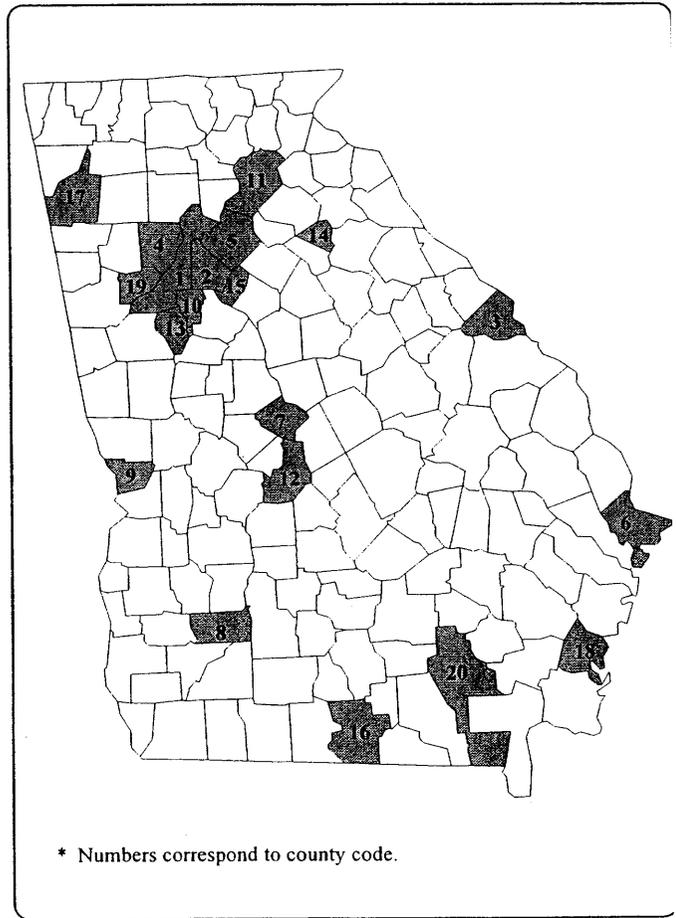


- For Internists, five of the top twenty counties ranked by number are in a rural area.
- In Georgia, 26 of the state's 159 counties do not have a full-time Internist practicing in the county.

TOP TWENTY COUNTIES BY NUMBER OF INTERNISTS *

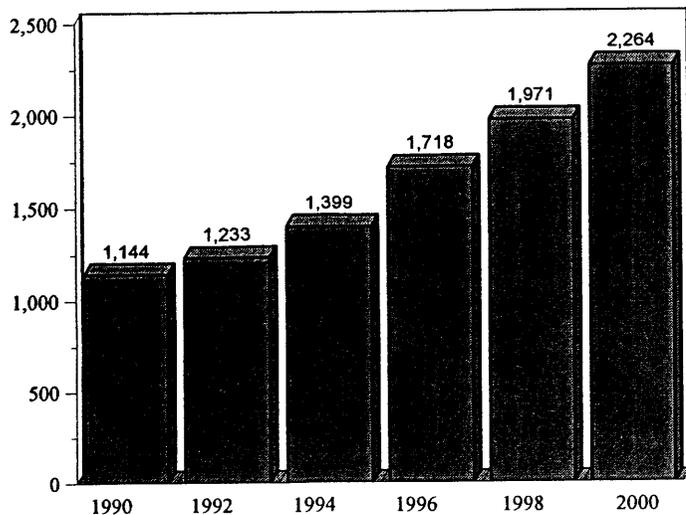
RANK

1. Fulton (523)**
2. DeKalb (335)
3. Richmond (176)
4. Cobb (122)
5. Gwinnett (80)
6. Chatham (76)
7. Bibb (66)
8. Dougherty (40)
9. Muscogee (40)
10. Clayton (36)
11. Hall (33)
12. Houston (33)
13. Fayette (29)
14. Clarke (27)
15. Rockdale (26)
16. Lowndes (24)
17. Floyd (22)
18. Glynn (22)
19. Douglas (21)
20. Ware (21)



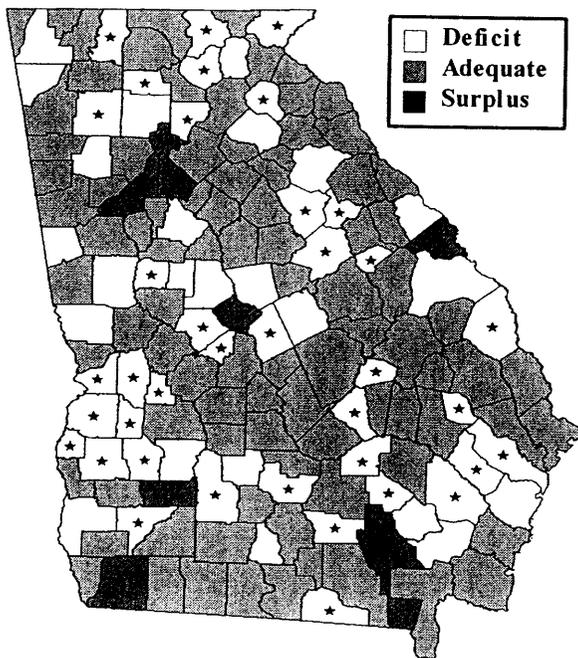
** Numbers in parentheses represent the number of physicians.

Physician Supply



- In the ten year period (1990-2000), the number of Internists in Georgia increased 97.9%.
- Applying the Georgia Board for Physician Workforce standard, the current state supply of 2,264 Internists is within the recommended range of 851 to 3,111.
- Utilizing the Georgia Board for Physician Workforce standard of a +/- 0.5 standard deviation, there are 62 Georgia counties that have a deficit of Internists.

Physician Distribution - 2000: Deficit, Adequate, and Surplus Counties¹



Deficit
 Adequate
 Surplus

★ = Deficit < 1 Physician⁵

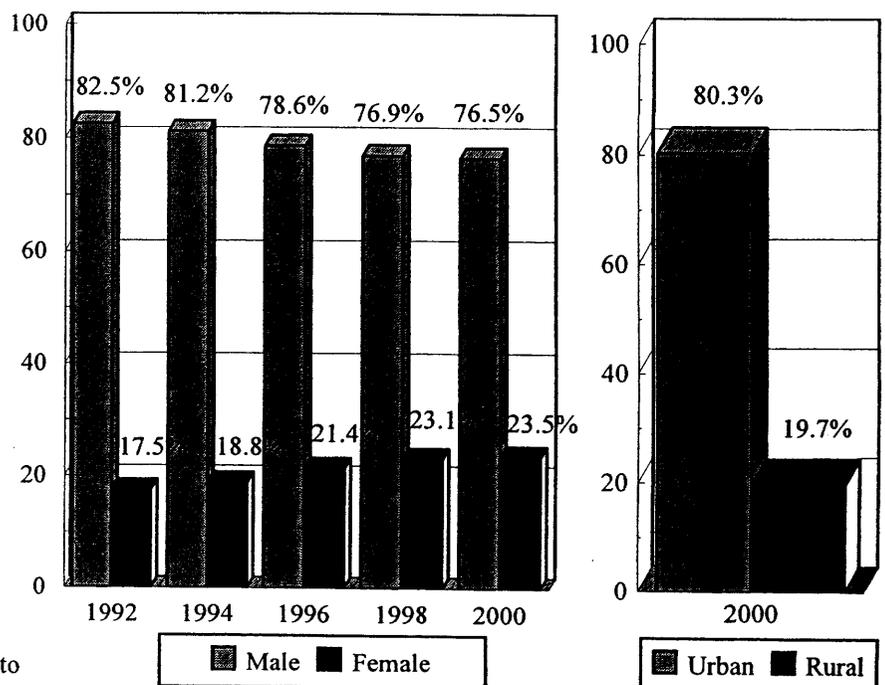
Physician Supply - 2000						
	Population	Counties	PHYSICIAN			Status ⁴
			Supply ²	Range ³		
				Low	High	
State	8,186,453	159	2,264	851	3,111	Within Range
Deficit Counties	1,500,955	62	89	156	570	Below Range
Adequate Counties	4,690,177	90	959	488	1,782	Within Range
Surplus Counties	1,995,321	7	1,177	208	758	Above Range

- (1) A county is categorized as surplus, adequate, or deficit based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation of the physician rate per 100,000 in 1998.
- (2) The sum of the categorized counties does not equal the state total because all physician locations could not be determined.
- (3) The range for physician need is based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation.
- (4) Physician status is classified by comparing the physician supply to the range as defined by the Georgia Board for Physician Workforce. For example, deficit counties show a supply of 89 physicians which is below the defined range (156-570).
- (5) Not all deficit counties require a full-time physician.

INTERNISTS (by Gender)

NUMBER		
GENDER	MSA	NON-MSA
Male		
2000	1255	371
1998	1173	315
Female		
2000	444	53
1998	402	45

PERCENT		
GENDER	MSA	NON-MSA
Male		
2000	73.9%	87.5%
1998	74.5%	87.5%
Female		
2000	26.1%	12.5%
1998	25.5%	12.5%

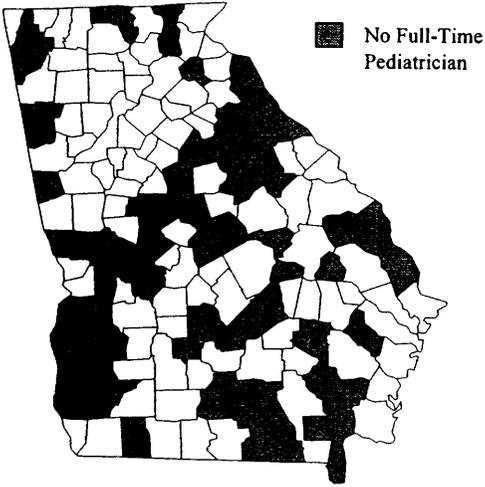


* One hundred forty-one physicians failed to respond to one or both questions.

PEDIATRICS

PROFILE - 2000

COUNTIES WITHOUT A FULL-TIME PEDIATRICIAN

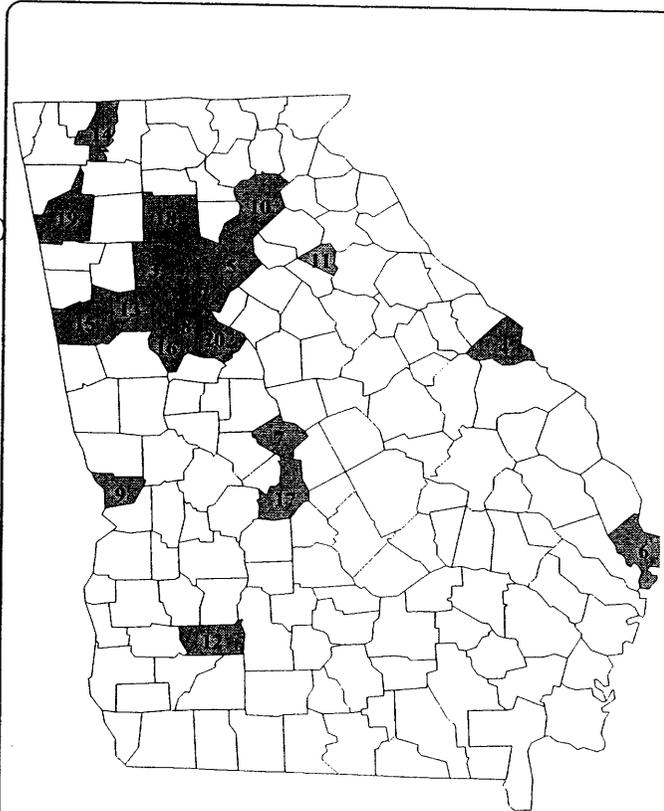


- For Pediatricians, three counties of the top twenty, when ranked by number, are in rural areas.
- In Georgia, 65 of the state's 159 counties do not have a full-time Pediatrician practicing in the county.

TOP TWENTY COUNTIES BY NUMBER OF PEDIATRICIANS *

RANK

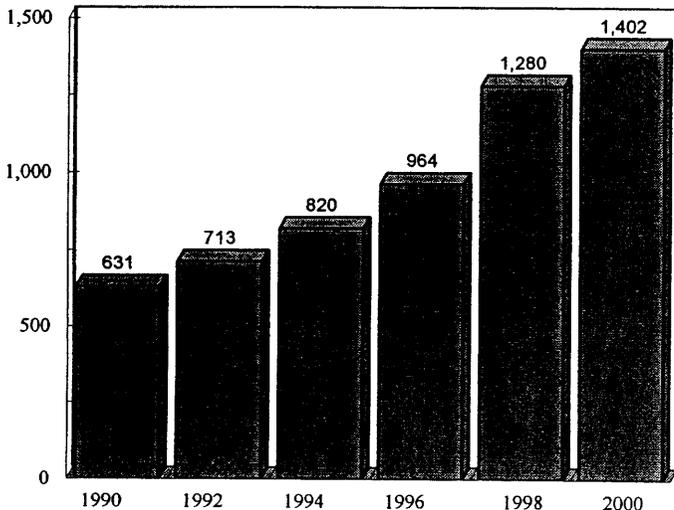
1. Fulton (293)**
2. DeKalb (220)
3. Cobb (112)
4. Richmond (106)
5. Gwinnett (91)
6. Chatham (55)
7. Bibb (45)
8. Clayton (33)
9. Muscogee (26)
10. Hall (23)
11. Clarke (22)
12. Dougherty (20)
13. Douglas (17)
14. Whitfield (15)
15. Carroll (14)
16. Fayette (14)
17. Houston (13)
18. Cherokee (12)
19. Floyd (12)
20. Henry (11)



* Numbers correspond to county code.

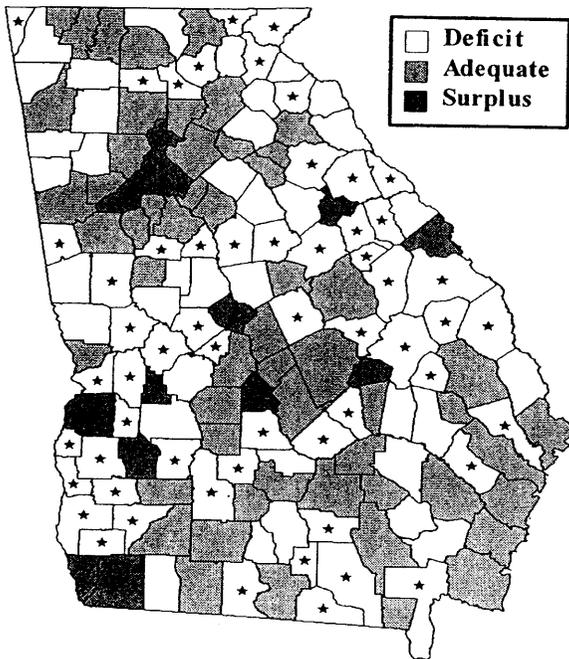
** Numbers in parentheses represent the number of physicians.

Physician Supply



- In the ten year period (1990-2000), the number of Pediatricians in Georgia increased 122%.
- Applying the Georgia Board for Physician Workforce standard, the current state supply of 1,402 Pediatricians is within the recommended range of 581 to 2,038.
- Utilizing the Georgia Board for Physician Workforce standard of a +/- 0.5 standard deviation, there are 93 Georgia counties that have a deficit of Pediatricians.

Physician Distribution - 2000: Deficit, Adequate, and Surplus Counties¹



★ = Deficit < 1 Physician⁵

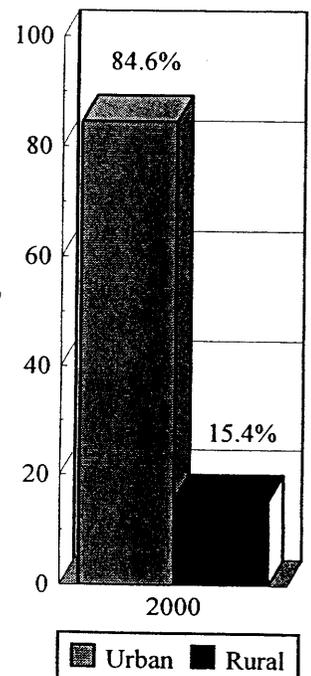
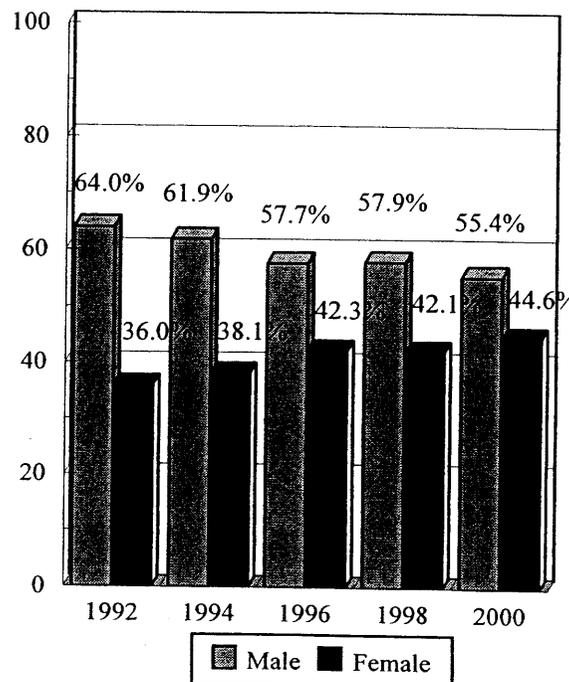
Physician Supply - 2000						
	Population	Counties	PHYSICIAN			Status ⁴
			Supply ²	Range ³		
				Low	High	
State	8,186,453	159	1,402	581	2,038	Within Range
Deficit Counties	1,892,502	93	43	134	471	Below Range
Adequate Counties	4,382,302	54	644	311	1,091	Within Range
Surplus Counties	1,911,649	12	704	136	476	Above Range

- (1) A county is categorized as surplus, adequate, or deficit based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation of the physician rate per 100,000 in 1998.
- (2) The sum of the categorized counties does not equal the state total because all physician locations could not be determined.
- (3) The range for physician need is based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation.
- (4) Physician status is classified by comparing the physician supply to the range as defined by the Georgia Board for Physician Workforce. For example, deficit counties show a supply of 43 physicians which is below the defined range (134-471).
- (5) Not all deficit counties require a full-time physician.

PEDIATRICIANS (by Gender)

NUMBER		
GENDER	MSA	NON-MSA
Male		
2000	596	135
1998	621	114
Female		
2000	516	69
1998	476	59

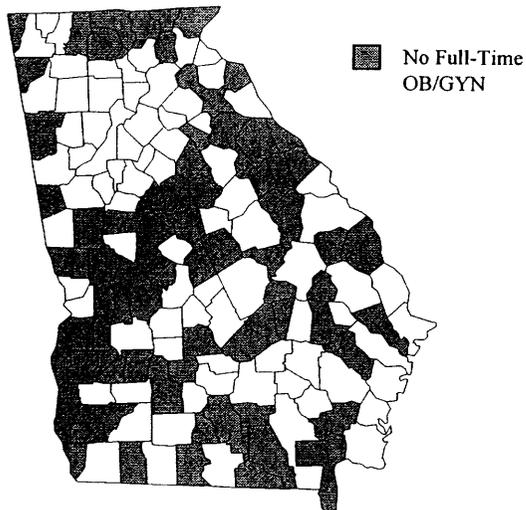
PERCENT		
GENDER	MSA	NON-MSA
Male		
2000	53.6%	66.2%
1998	56.6%	65.9%
Female		
2000	46.4%	33.8%
1998	43.4%	34.1%



* Eighty-six physicians failed to respond to one or both questions.

OBSTETRICS & GYNECOLOGY PROFILE - 2000

COUNTIES WITHOUT A FULL-TIME OB/GYN

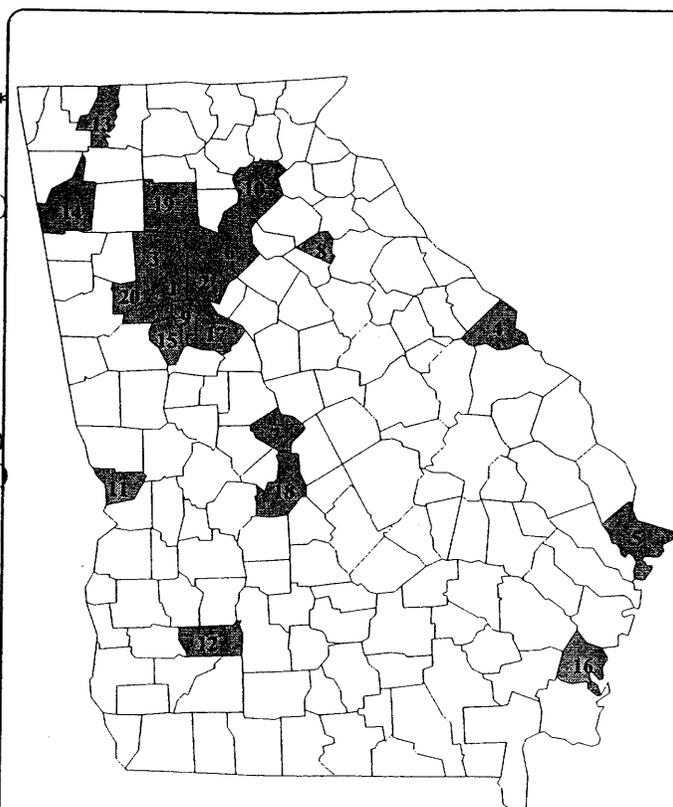


- For OB/GYN, four counties of the top twenty, when ranked by number, are in rural areas.
- In Georgia, 79 of the state's 159 counties do not have a full-time practicing OB/GYN physician.

TOP TWENTY COUNTIES BY NUMBER OF OB/GYN's *

RANK

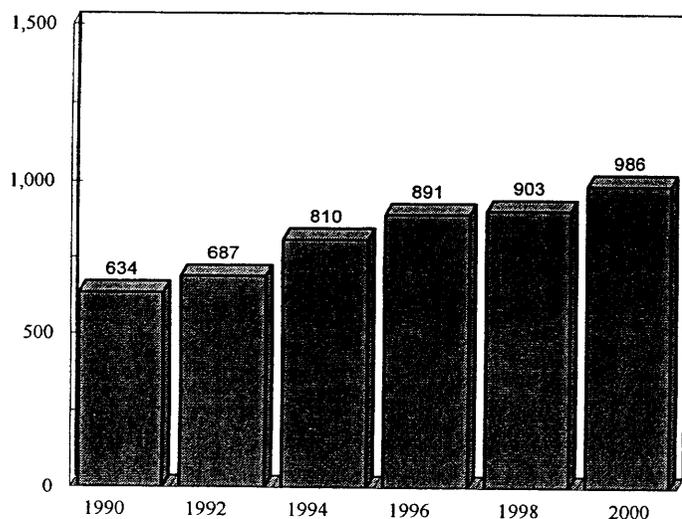
1. Fulton (240)**
2. DeKalb (74)
3. Cobb (71)
4. Richmond (60)
5. Chatham (49)
6. Gwinnett (49)
7. Bibb (45)
8. Clarke (25)
9. Clayton (21)
10. Hall (18)
11. Muscogee (18)
12. Dougherty (16)
13. Whitfield (16)
14. Floyd (15)
15. Fayette (12)
16. Glynn (12)
17. Henry (12)
18. Houston (12)
19. Cherokee (11)
20. Douglas (10)



* Numbers correspond to county code.

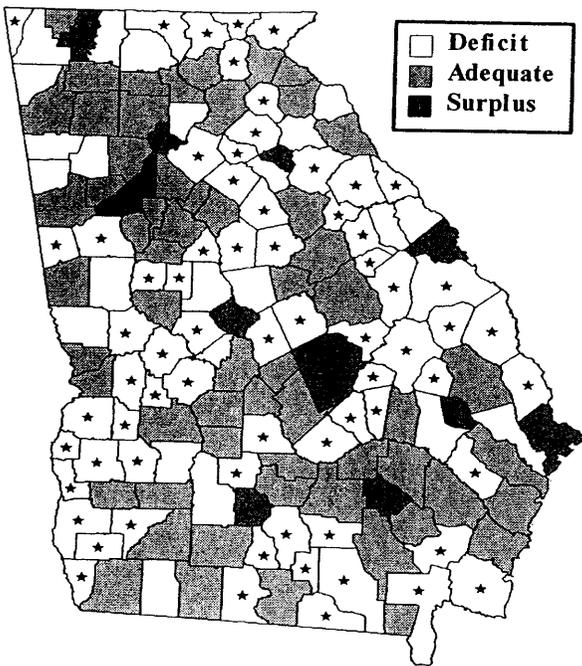
** Numbers in parentheses represent the number of physicians.

Physician Supply



- In the ten year period (1990-2000), the number of OB/GYN physicians in Georgia increased 55.5%.
- Applying the Georgia Board for Physician Workforce standard, the current state supply of 986 OB/GYN physicians is within the recommended range of 377 to 1,490.
- Utilizing the Georgia Board for Physician Workforce standard of a +/- 0.5 standard deviation, there are 90 Georgia counties that have a deficit of OB/GYN physicians.

Physician Distribution - 2000: Deficit, Adequate, and Surplus Counties¹



★ = Deficit < 1 Physician⁵

Physician Supply - 2000						
	Population	Counties	PHYSICIAN			Status ⁴
			Supply ²	Range ³		
				Low	High	
State	8,186,453	159	986	377	1,490	Within Range
Deficit Counties	1,787,437	90	18	82	325	Below Range
Adequate Counties	4,708,407	59	504	217	857	Within Range
Surplus Counties	1,690,609	10	456	78	308	Above Range

(1) A county is categorized as surplus, adequate, or deficit based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation of the physician rate per 100,000 in 1998.

(2) The sum of the categorized counties does not equal the state total because all physician locations could not be determined.

(3) The range for physician need is based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation.

(4) Physician status is classified by comparing the physician supply to the range as defined by the Georgia Board for Physician Workforce. For example, deficit counties show a supply of 18 physicians which is below the defined range (82-325).

(5) Not all deficit counties require a full-time physician.

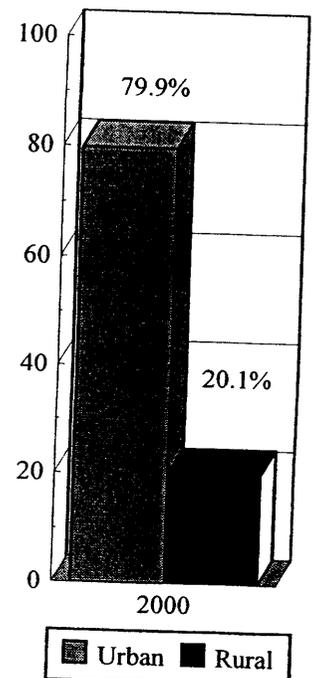
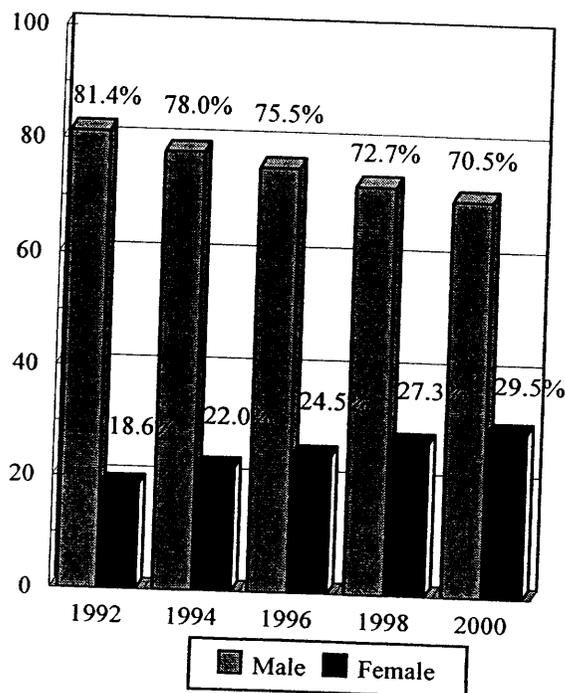
OB/GYN PHYSICIANS (by Gender)

NUMBER

GENDER	MSA	NON-MSA
Male		
2000	507	160
1998	503	151
Female		
2000	245	33
1998	226	20

PERCENT

GENDER	MSA	NON-MSA
Male		
2000	67.4%	82.9%
1998	69.0%	88.3%
Female		
2000	32.6%	17.1%
1998	31.0%	11.7%

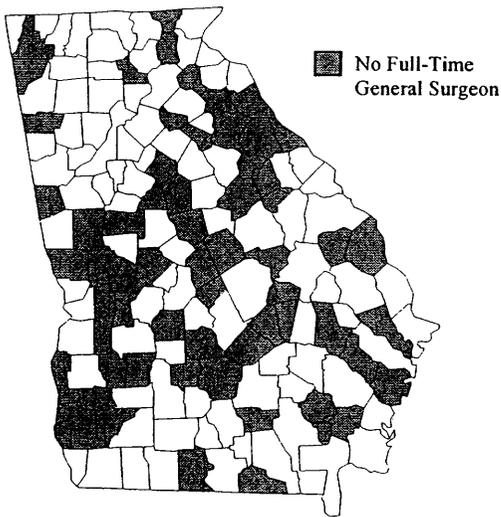


* Forty-one physicians failed to respond to one or both questions.

GENERAL SURGERY

PROFILE - 2000

COUNTIES WITHOUT A FULL-TIME GENERAL SURGEON

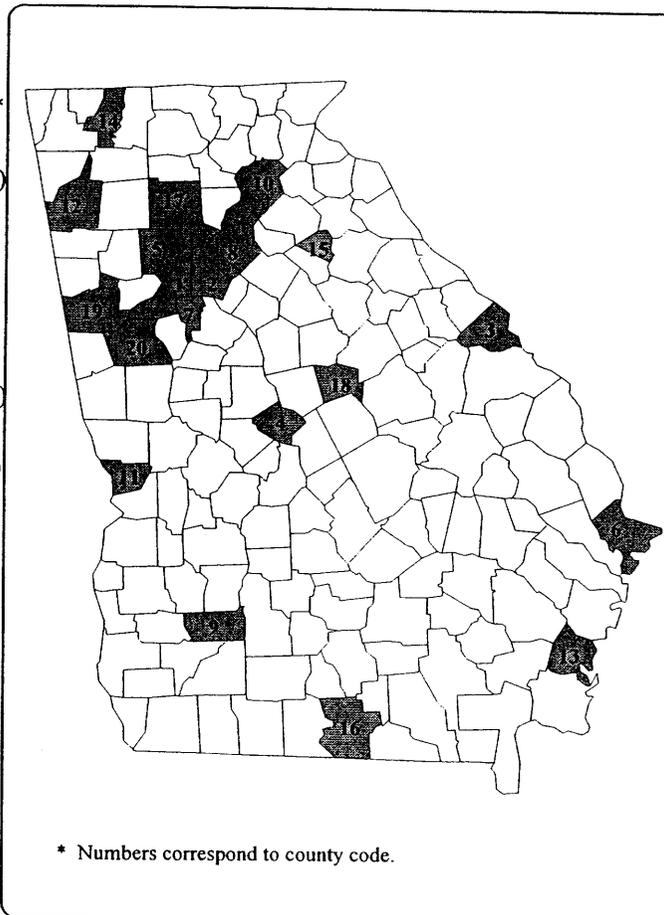


- For General Surgeons, six of the top twenty counties, when ranked by number, are in rural areas.
- In Georgia, 65 of the state's 159 counties do not have a full-time practicing General Surgeon.

TOP TWENTY COUNTIES BY NUMBER OF GENERAL SURGEONS *

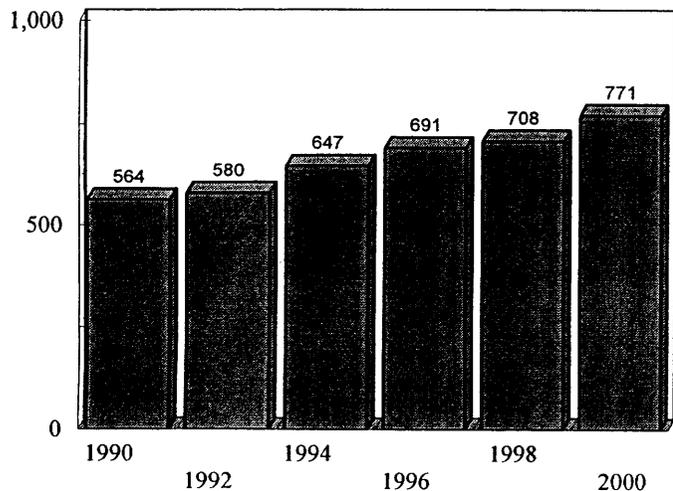
RANK

1. Fulton (147)**
2. DeKalb (102)
3. Richmond (61)
4. Bibb (36)
5. Cobb (35)
6. Chatham (33)
7. Clayton (22)
8. Gwinnett (19)
9. Dougherty (16)
10. Hall (15)
11. Muscogee (14)
12. Floyd (13)
13. Glynn (11)
14. Whitfield (10)
15. Clarke (9)
16. Lowndes (9)
17. Cherokee (8)
18. Baldwin (7)
19. Carroll (7)
20. Coweta (7)



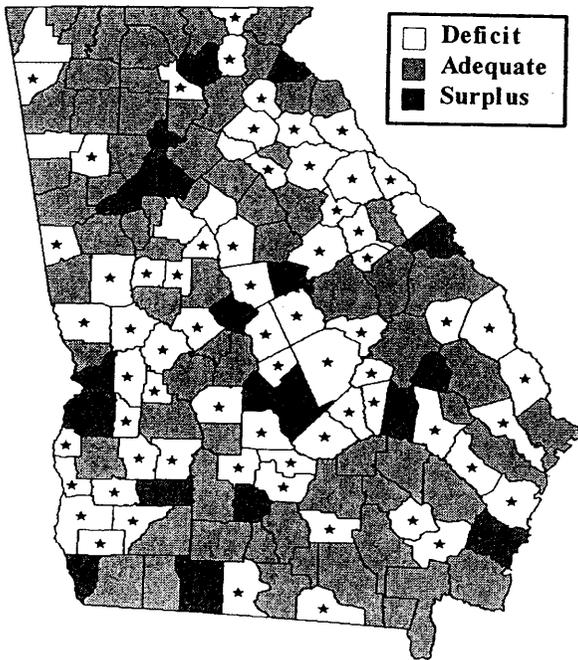
** Numbers in parentheses represent the number of physicians.

Physician Supply



- In the ten year period (1990-2000), the number of General Surgeons in Georgia increased 36.7%.
- Applying the Georgia Board for Physician Workforce standard, the current state supply of 771 General Surgeons is within the recommended range of 221 to 1,220.
- Utilizing the Georgia Board for Physician Workforce standard of a +/- 0.5 standard deviation, there are 70 Georgia counties that have a deficit of General Surgeons.

Physician Distribution - 2000: Deficit, Adequate, and Surplus Counties¹



★ = Deficit < 1 Physician⁵

Physician Supply - 2000						
	Population	Counties	PHYSICIAN			Status ⁴
			Supply ²	Range ³		
				Low	High	
State	8,186,453	159	771	221	1,220	Within Range
Deficit Counties	1,320,494	70	7	36	197	Below Range
Adequate Counties	4,600,592	71	337	124	686	Within Range
Surplus Counties	2,265,367	18	422	61	338	Above Range

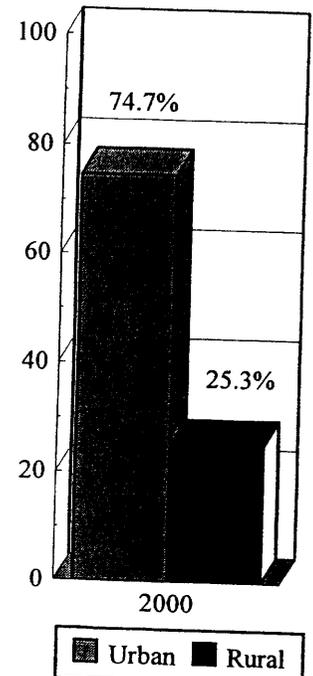
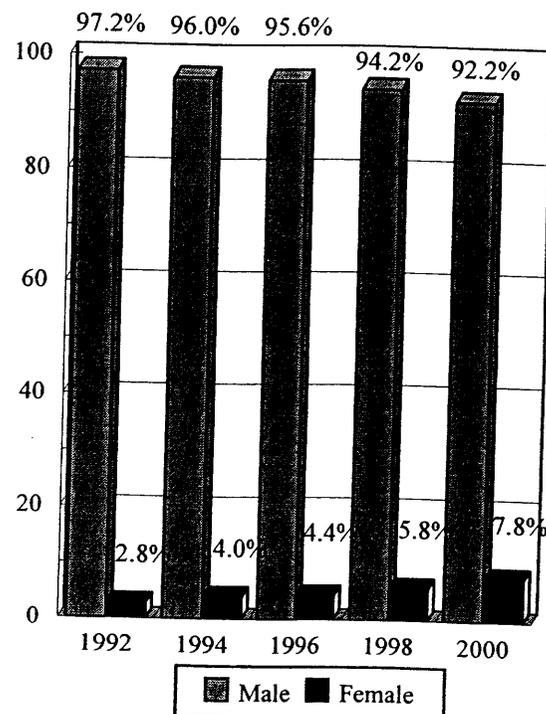
- (1) A county is categorized as surplus, adequate, or deficit based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation of the physician rate per 100,000 in 1998.
- (2) The sum of the categorized counties does not equal the state total because all physician locations could not be determined.
- (3) The range for physician need is based on the Georgia Board for Physician Workforce standard of +/- .5 standard deviation.
- (4) Physician status is classified by comparing the physician supply to the range as defined by the Georgia Board for Physician Workforce. For example, deficit counties show a supply of 7 physicians which is below the defined range (36-197).

(5) Not all deficit counties require a full-time physician.

SURGEONS (by Gender)

GENDER	NUMBER	
	MSA	NON-MSA
Male		
2000	499	184
1998	498	165
Female		
2000	53	4
1998	37	4

GENDER	PERCENT	
	MSA	NON-MSA
Male		
2000	90.4%	97.9%
1998	93.1%	97.6%
Female		
2000	9.6%	2.1%
1998	6.9%	2.4%



* Thirty-one physicians failed to respond to one or both questions.

GEOGRAPHIC DISTRIBUTION

Primary Care

PHYSICIANS BY SPECIALTY BY COUNTY, GEORGIA, 2000

Number, Rate and Rank

County	Popula- tion 2000	NUMBER OF PHYSICIANS BY SPECIALTY (1)															TOTAL ALL SPEC. #
		PRIMARY CARE (Generalists)									OB/GYN			General Surgery			
		Family Practice			Internal Medicine			Pediatrics			#	Rate	Rank	#	Rate	Rank	
		#	Rate (2)	Rank (3)	#	Rate	Rank	#	Rate	Rank							
Appling	17,419	5	28.7	71	5	28.7	19	0	0.0	95	1	5.7	65	1	5.7	69	17
Atkinson	7,609	1	13.1	137	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Bacon	10,103	4	39.6	32	1	9.9	101	1	9.9	46	2	19.8	8	1	9.9	35	12
Baker	4,074	1	24.5	85	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Baldwin	44,700	27	60.4	7	11	24.6	26	8	17.9	17	8	17.9	12	7	15.7	15	129
Banks	14,422	2	13.9	135	1	6.9	120	0	0.0	95	0	0.0	81	0	0.0	95	3
Barrow	46,144	11	23.8	92	5	10.8	93	6	13.0	34	2	4.3	74	0	0.0	95	32
Bartow	76,019	25	32.9	54	7	9.2	108	4	5.3	76	7	9.2	48	3	3.9	84	80
Ben Hill	17,484	8	45.8	22	2	11.4	90	0	0.0	95	1	5.7	66	0	0.0	95	14
Berrien	16,235	6	37.0	42	3	18.5	54	0	0.0	95	0	0.0	81	1	6.2	67	13
Bibb	153,887	76	49.4	17	66	42.9	6	45	29.2	5	45	29.2	3	36	23.4	4	566
Bleckley	11,666	5	42.9	26	3	25.7	24	1	8.6	54	1	8.6	54	0	0.0	95	14
Brantley	14,629	1	6.8	150	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Brooks	16,450	4	24.3	87	2	12.2	85	1	6.1	71	0	0.0	81	0	0.0	95	8
Bryan	23,417	5	21.4	106	3	12.8	81	1	4.3	91	0	0.0	81	0	0.0	95	10
Bulloch	55,983	12	21.4	104	8	14.3	74	6	10.7	39	7	12.5	28	5	8.9	45	78
Burke	22,243	7	31.5	61	1	4.5	127	1	4.5	86	1	4.5	72	1	4.5	81	13
Butts	19,522	3	15.4	128	4	20.5	45	1	5.1	77	0	0.0	81	0	0.0	95	15
Calhoun	6,320	5	79.1	1	1	15.8	63	0	0.0	95	1	15.8	17	0	0.0	95	7
Camden	43,664	6	13.7	136	6	13.7	76	4	9.2	52	2	4.6	70	4	9.2	42	41
Candler	9,577	0	0.0	152	2	20.9	43	0	0.0	95	0	0.0	81	2	20.9	6	4
Carroll	87,268	21	24.1	89	13	14.9	71	14	16.0	21	8	9.2	49	7	8.0	51	118
Catoosa	53,282	13	24.4	86	6	11.3	92	5	9.4	49	5	9.4	46	4	7.5	56	56
Charlton	10,282	4	38.9	36	2	19.5	50	0	0.0	95	0	0.0	81	1	9.7	37	8
Chatham	232,048	76	32.8	55	76	32.8	10	55	23.7	9	49	21.1	5	33	14.2	22	635
Chattahoochee	14,882	9	60.5	6	1	6.7	121	1	6.7	67	1	6.7	60	4	26.9	3	23
Chattooga	25,470	6	23.6	96	1	3.9	130	0	0.0	95	0	0.0	81	0	0.0	95	8
Cherokee	141,903	24	16.9	122	10	7.0	118	12	8.5	57	11	7.8	57	8	5.6	70	109
Clarke	101,489	31	30.5	66	27	26.6	21	22	21.7	11	25	24.6	4	9	8.9	46	292
Clay	3,357	2	59.6	8	1	29.8	15	0	0.0	95	0	0.0	81	0	0.0	95	3
Clayton	236,517	47	19.9	113	36	15.2	69	33	14.0	31	21	8.9	51	22	9.3	40	326
Clinch	6,878	2	29.1	69	1	14.5	73	0	0.0	95	0	0.0	81	1	14.5	19	7
Cobb	607,751	99	16.3	124	122	20.1	46	112	18.4	15	71	11.7	30	35	5.8	68	930

GEOGRAPHIC DISTRIBUTION

Primary Care

PHYSICIANS BY SPECIALTY BY COUNTY, GEORGIA, 2000

Number, Rate and Rank

County	Popula- tion 2000	NUMBER OF PHYSICIANS BY SPECIALTY (1)															TOTAL ALL SPEC. #
		PRIMARY CARE (Generalists)									OB/GYN			General Surgery			
		Family Practice			Internal Medicine			Pediatrics			OB/GYN			General Surgery			
		#	Rate (2)	Rank (3)	#	Rate	Rank	#	Rate	Rank	#	Rate	Rank	#	Rate	Rank	
Coffee	37,413	9	24.1	89	4	10.7	94	4	10.7	40	4	10.7	35	2	5.3	73	45
Colquitt	42,053	11	26.2	81	7	16.6	62	3	7.1	65	4	9.5	44	3	7.1	57	53
Columbia	89,288	18	20.2	111	6	6.7	121	4	4.5	87	0	0.0	81	1	1.1	94	49
Cook	15,771	7	44.4	24	0	0.0	134	0	0.0	95	0	0.0	81	1	6.3	65	11
Coweta	89,215	13	14.6	133	17	19.1	52	9	10.1	44	4	4.5	73	7	7.8	53	91
Crawford	12,495	2	16.0	126	1	8.0	114	0	0.0	95	0	0.0	81	0	0.0	95	3
Crisp	21,996	6	27.3	76	6	27.3	20	3	13.6	32	2	9.1	50	2	9.1	43	27
Dade	15,154	5	33.0	53	3	19.8	47	1	6.6	69	0	0.0	81	1	6.6	62	11
Dawson	15,999	3	18.8	119	2	12.5	84	1	6.3	70	1	6.3	64	0	0.0	95	8
Decatur	28,240	9	31.9	58	16	56.7	4	8	28.3	6	5	17.7	14	4	14.2	23	74
DeKalb	665,865	147	22.1	101	335	50.3	5	220	33.0	4	74	11.1	32	102	15.3	18	2,088
Dodge	19,171	3	15.6	127	6	31.3	13	4	20.9	12	3	15.6	20	3	15.6	16	28
Dooly	11,525	5	43.4	25	3	26.0	23	2	17.4	18	1	8.7	53	0	0.0	95	12
Dougherty	96,065	35	36.4	43	40	41.6	7	20	20.8	13	16	16.7	15	16	16.7	11	264
Douglas	92,174	9	9.8	144	21	22.8	37	17	18.4	14	10	10.8	33	5	5.4	72	116
Early	12,354	8	64.8	3	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	8
Echols	3,754	0	0.0	152	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	0
Effingham	37,535	4	10.7	142	4	10.7	96	0	0.0	95	1	2.7	76	1	2.7	90	16
Elbert	20,511	8	39.0	35	4	19.5	49	0	0.0	95	1	4.9	69	0	0.0	95	15
Emanuel	21,837	9	41.2	30	4	18.3	55	1	4.6	83	1	4.6	70	1	4.6	78	20
Evans	10,495	5	47.6	21	1	9.5	104	1	9.5	47	2	19.1	10	1	9.5	38	12
Fannin	19,798	9	45.5	23	3	15.2	70	0	0.0	95	0	0.0	81	1	5.1	74	19
Fayette	91,263	24	26.3	79	29	31.8	12	14	15.3	26	12	13.1	26	6	6.6	63	136
Floyd	90,565	61	67.4	2	22	24.3	27	12	13.3	33	15	16.6	16	13	14.4	21	268
Forsyth	98,407	23	23.4	97	10	10.2	98	7	7.1	66	1	1.0	80	3	3.0	88	68
Franklin	20,285	11	54.2	11	6	29.6	17	1	4.9	79	2	9.9	40	1	4.9	75	26
Fulton	816,006	178	21.8	102	523	64.1	2	293	35.9	3	240	29.4	2	147	18.0	10	3,314
Gilmer	23,456	5	21.3	107	3	12.8	82	2	8.5	56	0	0.0	81	2	8.5	48	15
Glascok	2,556	1	39.1	34	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Glynn	67,568	16	23.7	94	22	32.6	11	7	10.4	42	12	17.8	13	11	16.3	13	171
Gordon	44,104	16	36.3	45	6	13.6	77	2	4.5	85	3	6.8	59	2	4.5	80	46
Grady	23,659	6	25.4	83	4	16.9	61	0	0.0	95	0	0.0	81	2	8.5	49	15
Greene	14,406	8	55.5	10	1	6.9	119	0	0.0	95	2	13.9	23	1	6.9	59	15

GEOGRAPHIC DISTRIBUTION

Primary Care

PHYSICIANS BY SPECIALTY BY COUNTY, GEORGIA, 2000

Number, Rate and Rank

County	Popula- tion 2000	NUMBER OF PHYSICIANS BY SPECIALTY (1)															TOTAL ALL SPEC. #
		PRIMARY CARE (Generalists)									OB/GYN			General Surgery			
		Family Practice			Internal Medicine			Pediatrics			#	Rate	Rank	#	Rate	Rank	
		#	Rate (2)	Rank (3)	#	Rate	Rank	#	Rate	Rank							
Gwinnett	588,448	116	19.7	114	80	13.6	77	91	15.5	24	49	8.3	56	19	3.2	87	667
Habersham	35,902	11	30.6	65	8	22.3	39	2	5.6	74	2	5.6	68	2	5.6	71	40
Hall	139,277	30	21.5	103	33	23.7	30	23	16.5	19	18	12.9	27	15	10.8	32	276
Hancock	10,076	3	29.8	67	1	9.9	100	0	0.0	95	1	9.9	39	0	0.0	95	6
Haralson	25,690	6	23.4	98	4	15.6	66	0	0.0	95	0	0.0	81	1	3.9	85	19
Harris	23,695	4	16.9	123	1	4.2	128	0	0.0	95	0	0.0	81	0	0.0	95	8
Hart	22,997	8	34.8	48	4	17.4	60	0	0.0	95	0	0.0	81	3	13.0	25	18
Heard	11,012	1	9.1	145	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Henry	119,341	30	25.1	84	11	9.2	107	11	9.2	50	12	10.1	38	2	1.7	93	117
Houston	110,765	23	20.8	109	33	29.8	15	13	11.7	37	12	10.8	34	7	6.3	66	144
Irwin	9,931	2	20.1	112	1	10.1	99	1	10.1	45	1	10.1	37	0	0.0	95	5
Jackson	41,589	10	24.0	91	1	2.4	133	2	4.8	80	1	2.4	78	1	2.4	92	20
Jasper	11,426	1	8.8	146	2	17.5	59	0	0.0	95	0	0.0	81	0	0.0	95	4
Jeff Davis	12,684	5	39.4	33	1	7.9	115	1	7.9	61	2	15.8	18	1	7.9	52	11
Jefferson	17,266	4	23.2	100	2	11.6	89	1	5.8	72	0	0.0	81	2	11.6	29	13
Jenkins	8,575	1	11.7	142	2	23.3	35	0	0.0	95	0	0.0	81	0	0.0	95	3
Johnson	8,560	1	11.7	141	2	23.4	34	0	0.0	95	0	0.0	81	0	0.0	95	3
Jones	23,639	4	16.9	121	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	4
Lamar	15,912	5	31.4	63	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	6
Lanier	7,241	2	27.6	73	1	13.8	75	0	0.0	95	0	0.0	81	1	13.8	24	7
Laurens	44,874	17	37.9	39	15	33.4	9	5	11.1	38	9	20.1	7	5	11.1	31	100
Lee	24,757	1	4.0	151	1	4.0	129	1	4.0	93	0	0.0	81	0	0.0	95	4
Liberty	61,610	10	16.2	125	6	9.7	102	10	16.2	20	4	6.5	61	3	4.9	76	59
Lincoln	8,348	1	12.0	140	1	12.0	86	0	0.0	95	0	0.0	81	0	0.0	95	3
Long	10,304	0	0.0	152	1	9.7	103	0	0.0	95	0	0.0	81	0	0.0	95	1
Lowndes	92,115	14	15.2	130	24	26.1	22	8	8.7	53	9	9.8	41	9	9.8	36	160
Lumpkin	21,016	3	14.3	134	2	9.5	105	1	4.8	81	2	9.5	43	4	19.0	9	21
Macon	14,074	6	42.6	27	3	21.3	42	0	0.0	95	0	0.0	81	1	7.1	58	15
Madison	25,730	2	7.8	149	3	11.7	87	2	7.8	62	0	0.0	81	0	0.0	95	8
Marion	7,144	3	42.0	28	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	3
McDuffie	21,231	4	18.8	118	5	23.6	32	1	4.7	82	0	0.0	81	1	4.7	77	18
McIntosh	10,847	2	18.4	120	0	0.0	134	1	9.2	50	1	9.2	47	0	0.0	95	5
Meriwether	22,534	9	39.9	31	0	0.0	134	1	4.4	89	0	0.0	81	0	0.0	95	13

GEOGRAPHIC DISTRIBUTION

Primary Care

PHYSICIANS BY SPECIALTY BY COUNTY, GEORGIA, 2000

Number, Rate and Rank

County	Popula- tion 2000	NUMBER OF PHYSICIANS BY SPECIALTY (1)															TOTAL ALL SPEC. #
		PRIMARY CARE (Generalists)									OB/GYN			General Surgery			
		Family Practice			Internal Medicine			Pediatrics			#	Rate	Rank	#	Rate	Rank	
		#	Rate (2)	Rank (3)	#	Rate	Rank	#	Rate	Rank							
Miller	6,383	2	31.3	64	1	15.7	65	0	0.0	95	0	0.0	81	0	0.0	95	4
Mitchell	23,932	8	33.4	52	3	12.5	83	2	8.4	58	2	8.4	55	1	4.2	83	17
Monroe	21,757	6	27.6	74	1	4.6	126	0	0.0	95	0	0.0	81	2	9.2	41	11
Montgomery	8,270	0	0.0	152	2	24.2	28	1	12.1	35	0	0.0	81	0	0.0	95	3
Morgan	15,457	2	12.9	138	3	19.4	51	0	0.0	95	0	0.0	81	1	6.5	64	8
Murray	36,506	7	19.2	116	3	8.2	113	3	8.2	59	0	0.0	81	1	2.7	89	15
Muscogee	186,291	105	56.4	9	40	21.5	40	26	14.0	30	18	9.7	42	14	7.5	55	435
Newton	62,001	8	12.9	139	11	17.7	58	5	8.1	60	4	6.5	62	0	0.0	95	50
Oconee	26,225	9	34.3	49	4	15.3	68	4	15.3	27	0	0.0	81	0	0.0	95	23
Oglethorpe	12,635	3	23.7	93	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	3
Paulding	81,678	7	8.6	147	2	2.4	132	2	2.4	94	2	2.4	77	2	2.4	91	22
Peach	23,668	9	38.0	38	2	8.5	112	1	4.2	92	0	0.0	81	1	4.2	82	15
Pickens	22,983	8	34.8	47	2	8.7	111	1	4.4	90	2	8.7	52	2	8.7	47	22
Pierce	15,636	3	19.2	115	0	0.0	134	0	0.0	95	1	6.4	63	0	0.0	95	5
Pike	13,688	2	14.6	132	1	7.3	117	1	7.3	63	0	0.0	81	0	0.0	95	4
Polk	38,127	19	49.8	16	5	13.1	80	0	0.0	95	0	0.0	81	0	0.0	95	27
Pulaski	9,588	4	41.7	29	2	20.9	44	4	41.7	2	1	10.4	36	4	41.7	1	23
Putnam	18,812	4	21.3	108	2	10.6	97	1	5.3	75	0	0.0	81	2	10.6	33	11
Quitman	2,598	1	38.5	37	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Rabun	15,050	8	53.2	13	1	6.6	123	1	6.6	68	0	0.0	81	1	6.6	61	19
Randolph	7,791	4	51.3	14	0	0.0	134	0	0.0	95	0	0.0	81	1	12.8	26	6
Richmond	199,775	98	49.1	18	176	88.1	1	106	53.1	1	60	30.0	1	61	30.5	2	1,219
Rockdale	70,111	17	24.2	88	26	37.1	8	10	14.3	29	8	11.4	31	7	10.0	34	124
Schley	3,766	1	26.6	78	0	0.0	134	1	26.6	7	0	0.0	81	0	0.0	95	3
Screven	15,374	5	32.5	56	1	6.5	124	0	0.0	95	0	0.0	81	0	0.0	95	6
Seminole	9,369	5	53.4	12	1	10.7	95	1	10.7	41	0	0.0	81	2	21.3	5	12
Spalding	58,417	12	20.5	110	17	29.1	18	5	8.6	55	8	13.7	24	4	6.8	60	88
Stephens	25,435	8	31.5	62	5	19.7	48	4	15.7	22	4	15.7	19	4	15.7	14	46
Stewart	5,252	0	0.0	152	0	0.0	134	0	0.0	95	0	0.0	81	1	19.0	8	1
Sumter	33,200	5	15.1	131	6	18.1	57	4	12.0	36	4	12.0	29	3	9.0	44	45
Talbot	6,498	0	0.0	152	1	15.4	67	0	0.0	95	0	0.0	81	0	0.0	95	1
Taliaferro	2,077	1	48.1	20	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	1
Tattnall	22,305	6	26.9	77	3	13.4	79	1	4.5	87	0	0.0	81	0	0.0	95	14

GEOGRAPHIC DISTRIBUTION

Primary Care

PHYSICIANS BY SPECIALTY BY COUNTY, GEORGIA, 2000

Number, Rate and Rank

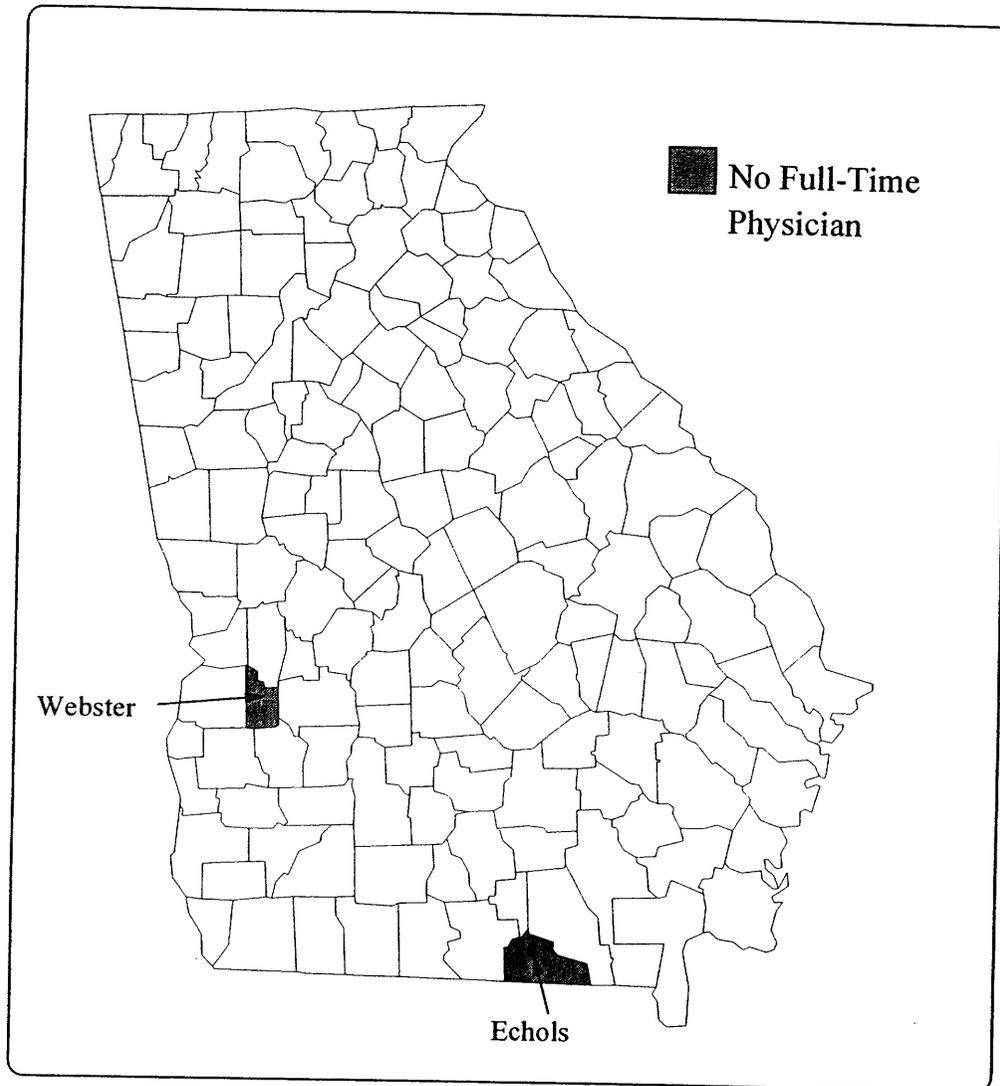
County	Popula- tion 2000	NUMBER OF PHYSICIANS BY SPECIALTY (1)															TOTAL ALL SPEC. #
		PRIMARY CARE (Generalists)									OB/GYN			General Surgery			
		Family Practice			Internal Medicine			Pediatrics									
		#	Rate (2)	Rank (3)	#	Rate	Rank	#	Rate	Rank	#	Rate	Rank	#	Rate	Rank	
Taylor	8,815	0	0.0	152	1	11.3	91	0	0.0	95	0	0.0	81	0	0.0	95	2
Telfair	11,794	6	50.9	15	3	25.4	25	0	0.0	95	0	0.0	81	0	0.0	95	9
Terrell	10,970	3	27.3	75	1	9.1	109	0	0.0	95	0	0.0	81	0	0.0	95	4
Thomas	42,737	12	28.1	72	10	23.4	33	11	25.7	8	6	14.0	22	7	16.4	12	130
Tift	38,407	10	26.0	82	12	31.2	14	6	15.6	23	8	20.8	6	6	15.6	17	89
Toombs	26,067	4	15.3	129	6	23.0	36	4	15.3	25	4	15.3	21	5	19.2	7	35
Towns	9,319	3	32.2	57	2	21.5	41	0	0.0	95	0	0.0	81	0	0.0	95	7
Treutlen	6,854	2	29.2	68	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	2
Troup	58,779	5	8.5	148	14	23.8	29	6	10.2	43	8	13.6	25	7	11.9	28	96
Turner	9,504	3	31.6	59	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	3
Twiggs	10,590	2	18.9	117	1	9.4	106	0	0.0	95	0	0.0	81	0	0.0	95	3
Union	17,289	11	63.6	5	1	5.8	125	1	5.8	73	0	0.0	81	2	11.6	30	16
Upson	27,597	8	29.0	70	5	18.1	56	2	7.2	64	5	18.1	11	4	14.5	20	38
Walker	61,053	16	26.2	80	2	3.3	131	0	0.0	95	1	1.6	79	0	0.0	95	28
Walton	60,687	13	21.4	105	9	14.8	72	3	4.9	78	2	3.3	75	2	3.3	86	45
Ware	35,483	12	33.8	50	21	59.2	3	8	22.5	10	2	5.6	67	3	8.5	49	96
Warren	6,336	2	31.6	59	1	15.8	64	0	0.0	95	0	0.0	81	0	0.0	95	3
Washington	21,176	5	23.6	95	5	23.6	31	2	9.4	48	2	9.4	45	2	9.4	39	23
Wayne	26,565	10	37.6	40	2	7.5	116	4	15.1	28	2	7.5	58	2	7.5	54	36
Webster	2,390	0	0.0	152	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	0
Wheeler	6,179	4	64.7	4	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	5
White	19,944	7	35.1	46	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	9
Whitfield	83,525	28	33.5	51	19	22.7	38	15	18.0	16	16	19.2	9	10	12.0	27	167
Wilcox	8,577	2	23.3	99	1	11.7	87	0	0.0	95	0	0.0	81	0	0.0	95	3
Wilkes	10,687	4	37.4	41	2	18.7	53	0	0.0	95	0	0.0	81	0	0.0	95	10
Wilkinson	10,220	5	48.9	19	0	0.0	134	0	0.0	95	0	0.0	81	0	0.0	95	5
Worth	21,967	8	36.4	44	2	9.1	110	1	4.6	84	0	0.0	81	1	4.6	79	16
Unknown		20			39			11			8			5			171
GEORGIA	8,186,453	2,143			2,264			1,402			986			771			15,736

(1) Source: State Board of Medical Examiners, Georgia Physician Survey, 2000

(2) Rate per 100,000 people

(3) Ranked by Rate

**COUNTIES WITHOUT
A FULL-TIME PRACTICING PHYSICIAN***



* While no physicians show these counties as their primary practice site, physicians in other counties may provide care to the residents of these counties.

SELECTED STANDARDS

PHYSICIAN WORKFORCE STANDARDS BY SELECTED SPECIALTY*

Rates Per 100,000 Population

Specialty	SELECTED STANDARDS								
	SBPW/12 Std. Dev. Range	Two-Metric HMOs (6)	Adjusted HMOs (5)	GMENAC (2)	Average Requirement	Kaiser-Portland (1-6,9)	Kaiser-Plans (1-6,9)	CHC Seattle (6,8,9)	Three HMOs (6,7,9)
ALL PHYSICIANS	----	192.6	180.0	191.0	147.7	146.4	124.6	121.7	77.2
GENERALISTS									
Family Practice	17.6 - 33.0 (39)**	45.6 (136)	42.6 (131)	25.2 (76)	25.1 (76)	16.7	11.0	----	9.2
Internal Medicine	10.4 - 38.0 (62)	21.4 (118)	20.0 (113)	28.8 (141)	24.2 (131)	28.1	30.3	----	16.2
Pediatrics	7.1 - 24.9 (93)	16.6 (137)	15.5 (133)	12.4 (123)	13.7 (126)	11.9	16.0	----	9.2
OB/GYN	4.6 - 18.2 (90)	12.1 (131)	11.3 (128)	9.9 (119)	10.7 (124)	11.6	11.5	10.0	8.3
General Surgery	2.7 - 14.9 (70)	9.4 (120)	8.8 (113)	9.7 (122)	7.3 (103)	7.0	6.2	5.9	4.2
Specialty	SELECTED STANDARDS								
	SBPW/12 Std. Dev. Range	Two-Metric HMOs (6)	Adjusted HMOs (5)	GMENAC (2)	Average Requirement	Kaiser-Portland (1-6,9)	Kaiser-Plans (1-6,9)	CHC Seattle (6,8,9)	Three HMOs (6,7,9)
SPECIALISTS									
Allergy	----	1.5	1.4	0.8	1.3	1.7	1.2	1.1	----
Anesthesiology	----	9.7	9.1	8.9	7.8	5.9	3.9	9.0	----
Cardiology	----	5.4	5.0	3.1	3.5	3.0	1.8	2.9	----
Dermatology	----	2.8	2.6	2.8	2.5	2.5	2.4	2.6	1.1
Emergency Medicine	----	5.5	5.2	5.4	5.6	6.7	5.3	----	----
Endocrinology	----	1.1	1.0	0.8	0.9	0.9	1.1	----	0.1
Hematology/Oncology	----	2.5	2.4	3.6	2.4	2.3	1.8	1.6	2.1
Infectious Disease	----	0.7	0.6	0.9	0.8	1.2	0.7	0.6	----
Nephrology	----	1.4	1.3	1.1	1.0	0.8	0.7	0.9	----
Neurology	----	2.4	2.3	3.3	2.0	1.3	1.7	1.2	----
Neurosurgery	----	1.1	1.0	1.1	1.0	1.4	----	0.4	----
Ophthalmology	----	5.9	5.5	4.6	4.4	2.4	3.1	5.0	----
Orthopedics	----	6.8	6.4	6.0	5.6	5.9	4.2	6.7	3.1
Otolaryngology	----	3.2	----	3.2	3.0	3.4	2.4	3.0	----
Pathology	----	1.9	1.8	6.4	3.0	3.3	1.8	----	----
Plastic Surgery	----	----	----	1.1	0.6	0.3	----	0.4	----
Psychiatry	----	7.7	7.2	15.4	7.1	5.2	4.1	----	----
Pulmonary Medicine	----	2.0	1.9	1.4	1.5	1.4	1.0	1.4	----
Radiology	----	13.6	13.7	7.7	9.3	8.5	4.7	7.7	----
Rheumatology	----	1.1	1.0	0.7	0.8	0.4	0.7	0.7	----
Thoracic Surgery	----	----	----	0.8	0.5	0.1	----	----	----
Urology	----	3.5	3.3	3.1	3.1	3.3	2.3	2.9	----

* Standards are presented as rates per 100,000 population.

** The number in () represents the number of counties that are below the standard. The New York State Model assessed physician workforce need in this manner.¹⁰

SELECTED STANDARDS

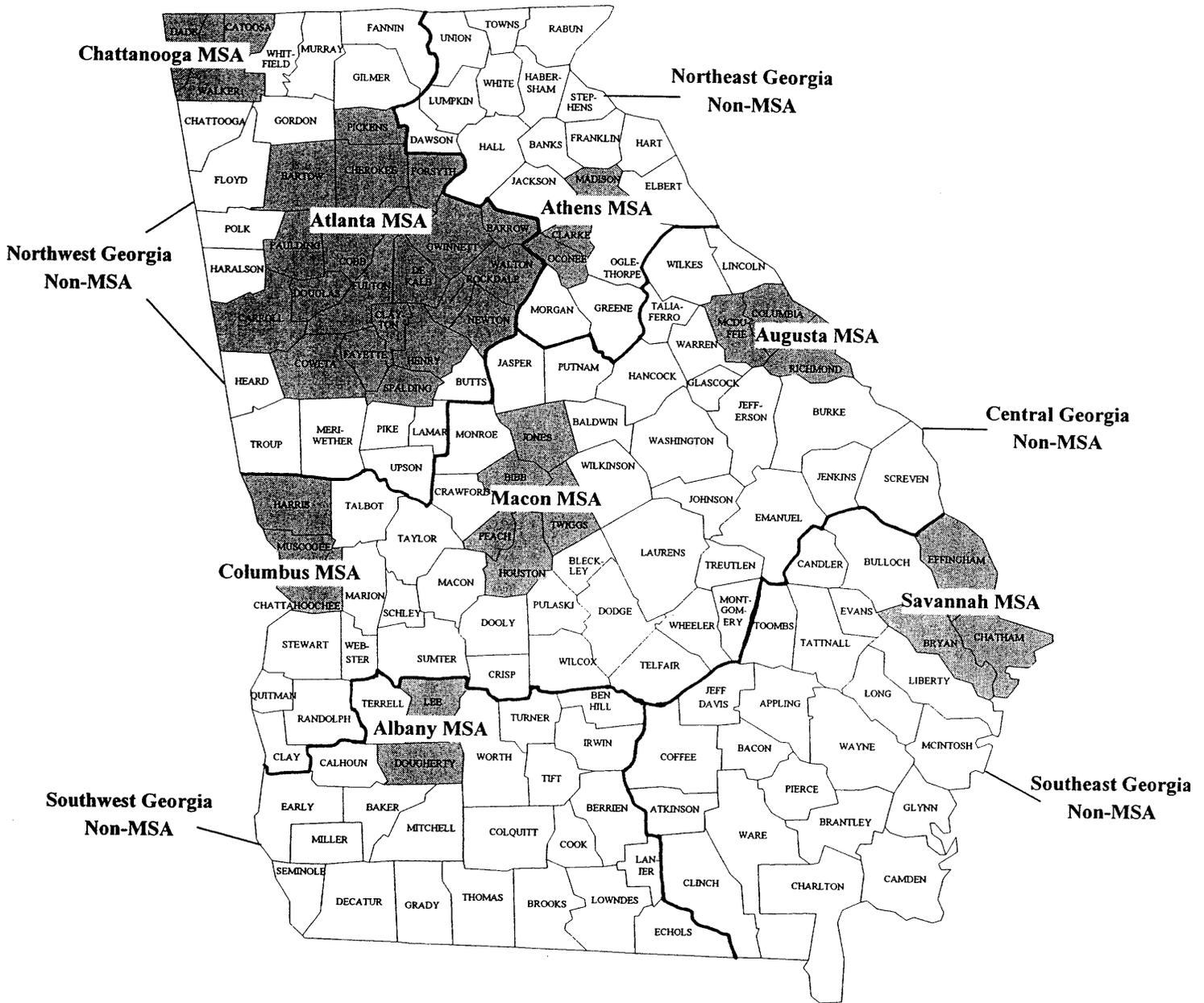
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PHYSICIAN NEED BASED ON SELECTED RATIOS, GEORGIA

Selected Ratio (Physician to Population)	1992	1994	1996	1998	2000
1:500	13,444	13,931	14,418	15,284	15,406
1:1,000	6,722	6,966	7,209	7,642	7,703
1:1,500	4,481	4,644	4,806	5,095	5,135
1:2,000	3,361	3,483	3,605	3,821	3,852
1:2,500	2,689	2,786	2,884	3,057	3,081
1:3,000	2,241	2,322	2,403	2,547	2,568
1:3,500	1,921	1,990	2,060	2,183	2,201
1:4,000	1,680	1,741	1,802	1,911	1,926
1:4,500	1,494	1,548	1,602	1,698	1,712
1:5,000	1,344	1,393	1,442	1,528	1,541
1:6,000	1,120	1,161	1,202	1,274	1,284
1:7,000	960	995	1,030	1,092	1,100
1:8,000	840	871	901	955	963
1:10,000	672	697	721	764	770
1:12,000	560	580	601	637	642

GMENAC (Graduate Medical Education National Advisory Committee) standards for physicians:
 1:3,500 for Internists
 1:4,000 for Family Physicians
 1:8,000 for Pediatricians
 1:10,000 for OB/GYN
 1:10,000 for General Surgeons

GEORGIA



- Metropolitan Statistical Areas (MSA) (Urban)
- Non-Metropolitan Statistical Areas (Non-MSA) (Rural)

SOURCES AND ACKNOWLEDGEMENTS

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ACKNOWLEDGEMENTS:

Appreciation to Karen Mason, Executive Director, State Composite Board of Medical Examiners, for her support of these efforts. Thanks to Donna M. Brantley, Georgia Board for Physician Workforce; Bruce Deighton, Ph.D., Georgia Board for Physician Workforce; G.E. Alan Dever, Ph.D., M.T., M.D. (Hon.), Mercer University School of Medicine; Leah T. Smith, Mercer University School of Medicine; and Bunnie V. Stamps, Mercer University School of Medicine.

Physician Workforce - 2000

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