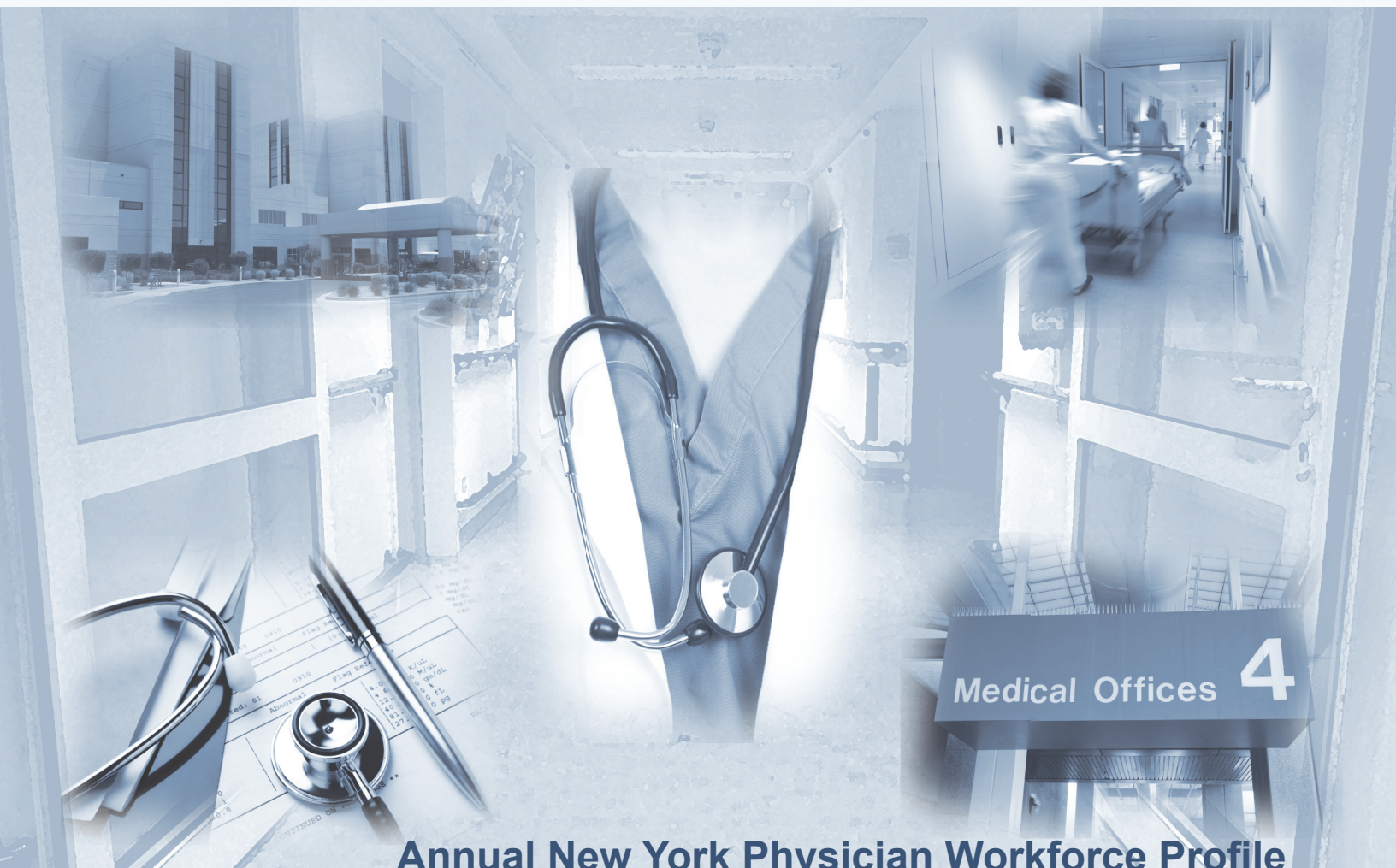


# 2008



Medical Offices **4**

## **Annual New York Physician Workforce Profile** *2008 Abridged Edition*

**The New York Health Workforce Data System**  
**The Center for Health Workforce Studies**  
*University at Albany, State University of New York*



# **Annual New York Physician Workforce Profile**

## ***2008 Abridged Edition***

### **The Center for Health Workforce Studies**

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*Better Information for Better Outcomes*



## ***PREFACE***

This report offers a profile of the supply and distribution of physicians licensed in New York based on the latest data collected from the Center for Health Workforce Studies' ongoing New York State Physician Licensure Re-registration Survey. With presentations of physician workforce data at several aggregate levels, including state, region, and specialty group, the report is intended to provide useful information for policy makers, educators, and other interested parties across the state.

This report was prepared by the Center for Health Workforce Studies, School of Public Health, University at Albany, State University of New York by David P. Armstrong and Gaetano J. Forte. This report and data collection effort was funded by the New York State Department of Health. The Center is dedicated to the collection, analysis, and distribution of health workforce data to assist health, professional and educational organizations; policy makers; and the public understand issues related to the supply, demand, distribution, and use of health workers. The views expressed in this report are those of the Center for Health Workforce Studies and do not necessarily represent positions or policies of the School of Public Health, University at Albany, State University of New York, the New York State Education Department, the New York State Department of Health, the Health Resources and Services Administration, or the U.S. Department of Health and Human Services.

*December 2008*

## **ACKNOWLEDGMENT**

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## EXECUTIVE SUMMARY

This report summarizes the responses to the New York State Physician Licensure Re-registration Survey, as adjusted to official counts of licensed physicians in 2006 and 2007. The counts of physicians and the profiles of their demographic characteristics are the latest available for the state of New York.

In addition to presenting basic data for the state as a whole, the report describes five series of statistical profiles: one for the state, one for each CHWS New York health workforce region, one for each county, one for each medical specialty group, and one for each individual medical specialty.

Several of the most important observations about these data are summarized below:

- ❖ Of the 81,006 licensed physicians in New York, 79% (63,847) were active patient care physicians. Of these, 72% were located in downstate New York<sup>1</sup> and 91% were in urban counties.<sup>2</sup>
- ❖ The ratio of full-time equivalent (FTE)<sup>3</sup> physicians to the population was highest in the Long Island region, with 335 active patient care FTE physicians per 100,000 population. The ratio was lowest in the Mohawk Valley, with 168 FTE physicians per 100,000 population.
- ❖ Between 2003 and 2007, some regions experienced very little growth in the number of active patient care FTE physicians per 100,000 population. The Mohawk Valley and North Country regions experienced growth of 3% or less.
- ❖ More than 19,000 physicians (30% of the total) reported one of the primary care specialties (family medicine, general internal medicine, and general pediatrics) as their principal specialty.
- ❖ Between 2003 and 2007, primary care FTE physicians per 100,000 population grew in all regions of the state except the North Country. The primary care FTE physician supply in the North Country declined by 4%.
- ❖ The number of non-primary care FTE physicians per 100,000 population grew in all regions of the state except the Mohawk Valley. The non-primary care FTE physician supply in the Mohawk Valley declined by 2%.
- ❖ New York physicians were predominantly male (69%) in 2007. However, women physicians were significantly younger than men, reflecting the growing number of women entering the profession. The average age of female physicians was 47.5 versus 53.3 for male physicians.
- ❖ Sixty-nine percent (69%) of physicians were non-Hispanic Whites. Underrepresented minorities (URMs) (Blacks/African Americans, Hispanics/Latinos, and American Indians/Alaska Natives) made up 10% of the physician workforce in 2007, but approximately 35% of New York's population.

<sup>1</sup> Downstate New York includes the following counties: Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, and Westchester.

<sup>2</sup> The urban/rural distinction was based on Ebert's typology (see Eberts R. *Socioeconomic Trends in New York State: 1950-1990*. Albany, NY: New York State Legislative Commission on Rural Resources, September 1994).

<sup>3</sup> Due to changing physician practice patterns FTE (full-time equivalent) physicians are the most appropriate metric for describing physicians practicing in New York.

- ❖ The most common principal specialty reported among active patient care physicians was general internal medicine (9,900 or 16% of the total). The next most common principal specialties were psychiatry (9%), family medicine (7%), and general pediatrics (7%).
- ❖ Eighty-one percent (81%) of physicians indicated they were certified by the nationally recognized American Board of Medical Specialties in their principal specialty. This figure varied significantly across specialties, from 65% in occupational medicine to 90% in radiology.
- ❖ Thirty-six percent (36%) of active patient care physicians reported they were international medical graduates (IMGs), that is, they attended medical school in a foreign country (other than Canada). There were significant variations in the percentage of IMGs by specialty. For instance, 52% of pathologists reported being IMGs while only 10% of dermatologists reported being IMGs.
- ❖ Group practice was the largest principal practice setting in 2007, reported by 37% of responding physicians. Solo practice (28%) and hospital practice (27%) were the next most frequently reported practice settings.

## **BACKGROUND**

Physicians are central to the delivery of health care to the citizens of New York. This report provides a variety of numerical measures of the size and nature of the physician workforce in the state. An effort has been made to design the tables and the figures in the report to reveal patterns that can help planners and policy makers develop programs to improve health care in the state.

### ***The New York Health Workforce Data System***

In 2007, over 81,000 physicians held licenses from the New York State Education Department to practice medicine in New York. All physicians are required to register with the State Education Department every two years. Included in the materials distributed to physicians to re-register their licenses is a questionnaire (Appendix A) that requests responding physicians to provide information on a number of personal, professional, and practice characteristics. The responses to these questionnaires during the years 2006 and 2007 were the basis for the tabulations presented in this report. Where data were missing, attempts were made to substitute data from previous iterations of the survey. After adding data from the previous years, the survey had an estimated response rate of 82.5% (66,843 out of 81,006). These data are one component of the New York Health Workforce Data System administered by the Center for Health Workforce Studies. Other components of the data system include similar surveys of dentists, dental hygienists, and registered nurses licensed to practice in New York. Three new surveys are also being prepared for midwifery, nurse practitioners, and physician assistants. Data related to the population and health status were obtained from the New York State Department of Health and the U.S. Census Bureau (see Appendix B).

Several files were created from the survey data, each including slightly different numbers of respondents (see Appendix B). One of these files, File E, formed the basis of this report. File E, which includes all active patient care physicians who do not practice exclusively outside of New York, was used to examine the overall work profile of physicians active in medicine in the state. File E excludes medical residents since they are not required to be licensed and many of them are not eligible for licensure. File E also incorporates a weighting factor to account for non-respondents to the survey.



## ***STATE PROFILE***





## 2007 Population

### New York

19,363,815

## Profile of Active Patient Care Physicians, 2007

Number of Physicians	63,847
FTE (i.e., full-time equivalents)	57,647
Average Age	51
Percent Female	31%
Percent Underrepresented Minority	10%
Percent International Medical School Grads	36%
Percent NY Medical School Grads	38%
Percent with Residency Training in NY	77%

Specialty Group*	Physician Supply, 2007				Change in Supply, 2003-2007			
	Counts		Per 100k Pop.		Counts		% Per 100k Pop.	
	Phys	FTEs	Phys	FTEs	Phys	FTEs	Phys	FTEs
Primary Care	19,332	17,455	100	90	1,007	726	5%	4%
Non-Primary Care	44,515	40,192	230	208	3,234	2,599	7%	6%
Ob/Gyn	3,413	3,184	18	16	149	50	4%	1%
IM Specialties	8,888	8,260	46	43	967	958	11%	12%
General Surgery	1,572	1,493	8	8	-44	-87	-3%	-6%
Surgical Specialties	7,012	6,792	36	35	364	225	5%	3%
Facility Based	7,758	7,761	40	40	820	868	11%	12%
Psychiatry	6,556	5,262	34	27	319	156	4%	2%
Total (All Physicians)	63,847	57,647	330	298	4,240	3,326	6%	5%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	2,615,478	7,023,429	1,924,152	11,563,059	60%
Other Race/Ethnicity	2,435,620	4,712,353	652,783	7,800,756	40%
<b>Total</b>	<b>5,051,098</b>	<b>11,735,782</b>	<b>2,576,935</b>	<b>19,363,815</b>	
<b>% of Pop.</b>	<b>26%</b>	<b>61%</b>	<b>13%</b>		<b>100%</b>
Percent in Poverty 2005	13.9				
Unemployment Rate 2006*	4.6				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

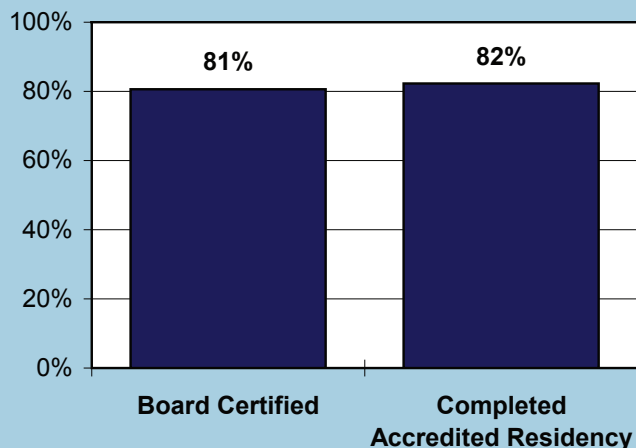
## Health Status Indicators (2006)\*

Total Births	249,182	(12.9)	Total Deaths	147,615	(764.6)
Births < 2500 gms	20,759	(8.3)	Heart Disease	50,202	(260.0)
Total Pregnancies	388,086	(94.8)	Lung Cancer	9,176	(47.5)
Teen Pregnancies (ages 15-19)	40,121	(59.2)	Cerebrovascular Disease	6,310	(32.7)

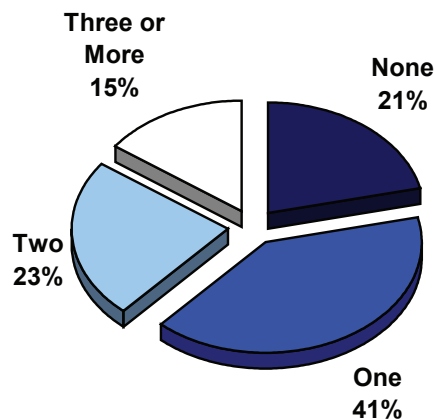
\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.



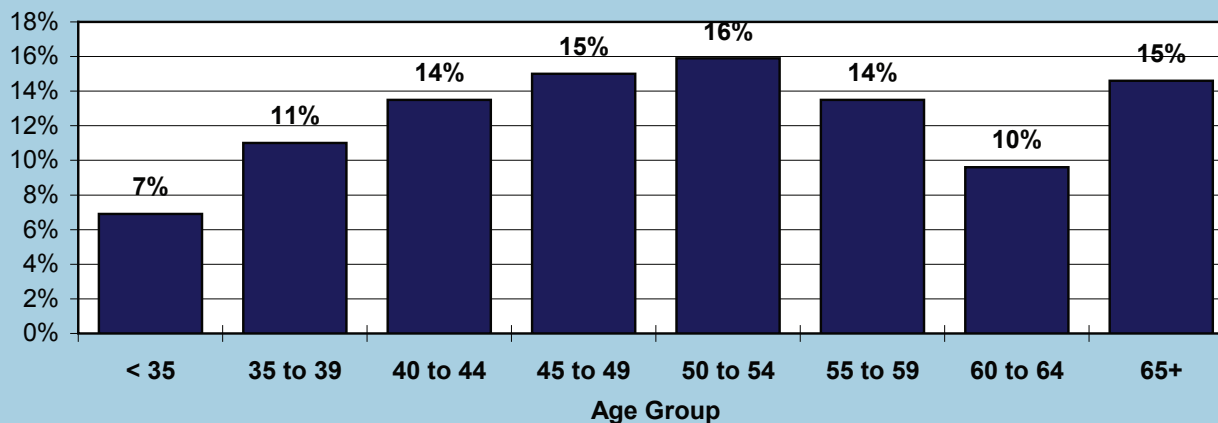
**Board Certification and Completion of Accredited Residency**



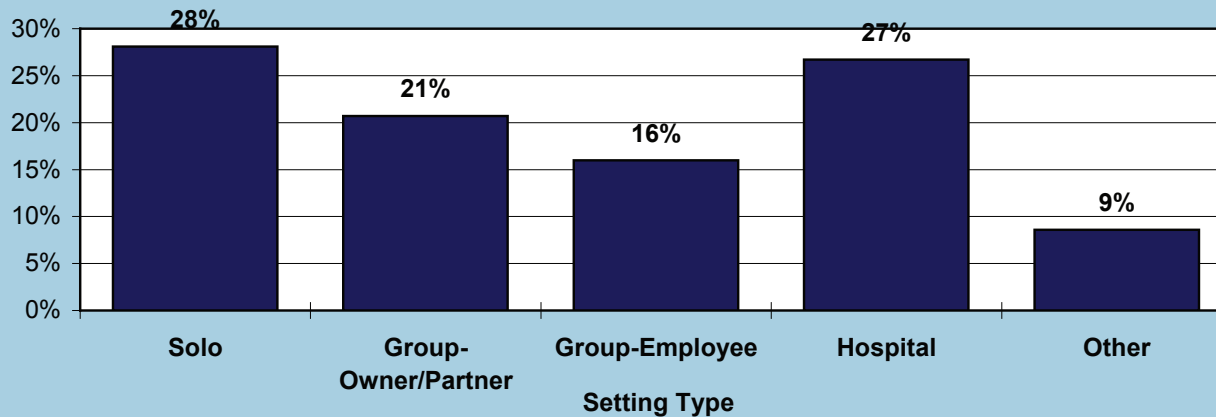
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**





# DOWNSTATE NEW YORK



## 2007 Population

### Downstate

### New York

11,987,242

## Profile of Active Patient Care Physicians, 2007

Number of Physicians	46,035
FTE (i.e., full-time equivalents)	40,495
Average Age	51
Percent Female	32%
Percent Underrepresented Minority	12%
Percent International Medical School Grads	38%
Percent NY Medical School Grads	38%
Percent with Residency Training in NY	82%

Specialty Group*	Physician Supply, 2007				Change in Supply, 2003-2007			
	Counts		Per 100k Pop.		Counts		% Per 100k Pop.	
	Phys	FTEs	Phys	FTEs	Phys	FTEs	Phys	FTEs
Primary Care	13,327	11,757	111	98	708	470	4%	3%
Non-Primary Care	32,708	28,739	273	240	2,637	2,074	8%	7%
Ob/Gyn	2,452	2,186	20	18	72	-25	2%	-2%
IM Specialties	6,780	6,142	57	51	753	747	11%	13%
General Surgery	1,035	927	9	8	-36	-88	-4%	-10%
Surgical Specialties	4,895	4,623	41	39	326	227	6%	4%
Facility Based	5,489	5,385	46	45	690	724	13%	14%
Psychiatry	5,181	4,068	43	34	300	141	5%	2%
Total (All Physicians)	46,035	40,495	384	338	3,345	2,545	7%	6%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	1,135,014	3,269,175	957,444	5,361,633	45%
Other Race/Ethnicity	2,023,215	4,022,784	579,610	6,625,609	55%
Total	3,158,229	7,291,959	1,537,054	11,987,242	
% of Pop.	26%	61%	13%		100%
Percent in Poverty 2005	14.9				
Unemployment Rate 2006*	4.6				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

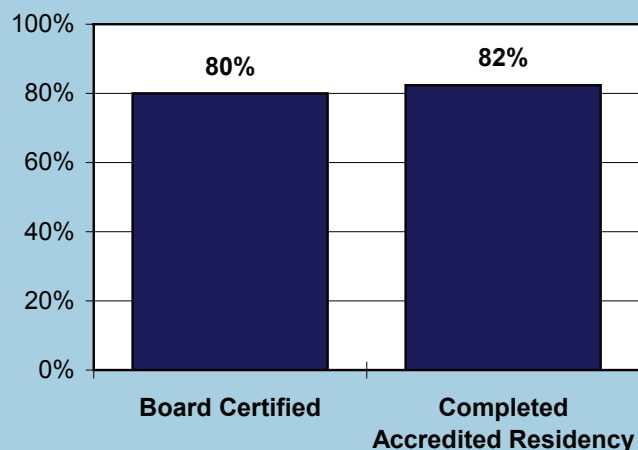
Total Births	165,642	(13.8)	Total Deaths	82,746	(691.9)
Births < 2500 gms	14,270	(8.6)	Heart Disease	31,843	(266.3)
Total Pregnancies	275,995	(106.7)	Lung Cancer	4,593	(38.4)
Teen Pregnancies (ages 15-19)	27,877	(69.8)	Cerebrovascular Disease	2,956	(24.7)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

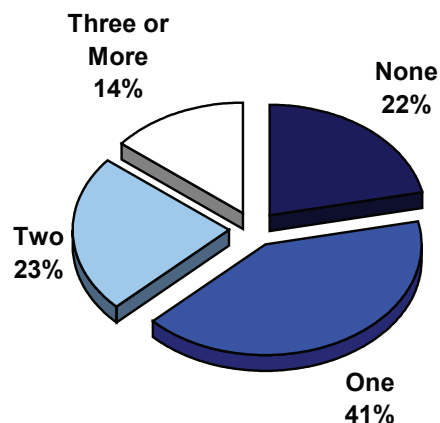
## DOWNSTATE NEW YORK



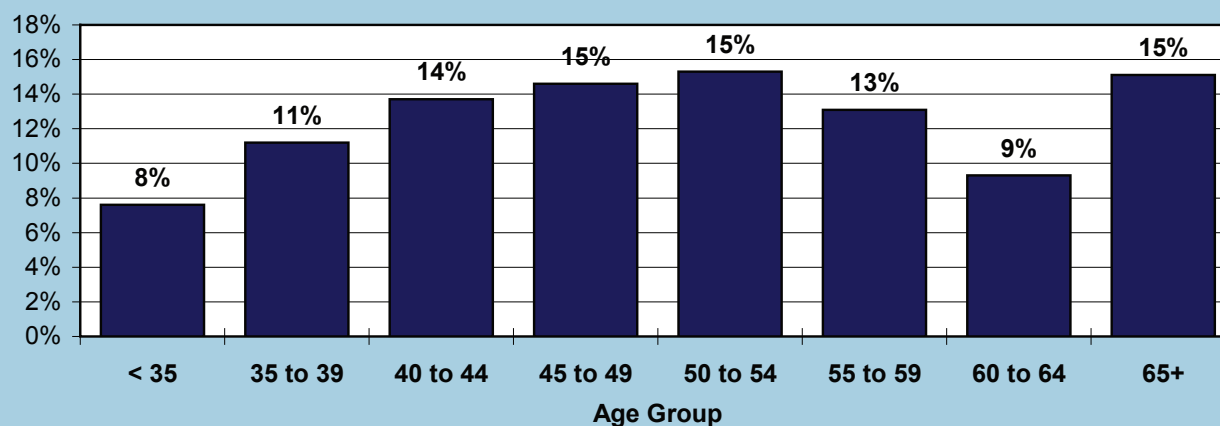
**Board Certification and Completion of Accredited Residency**



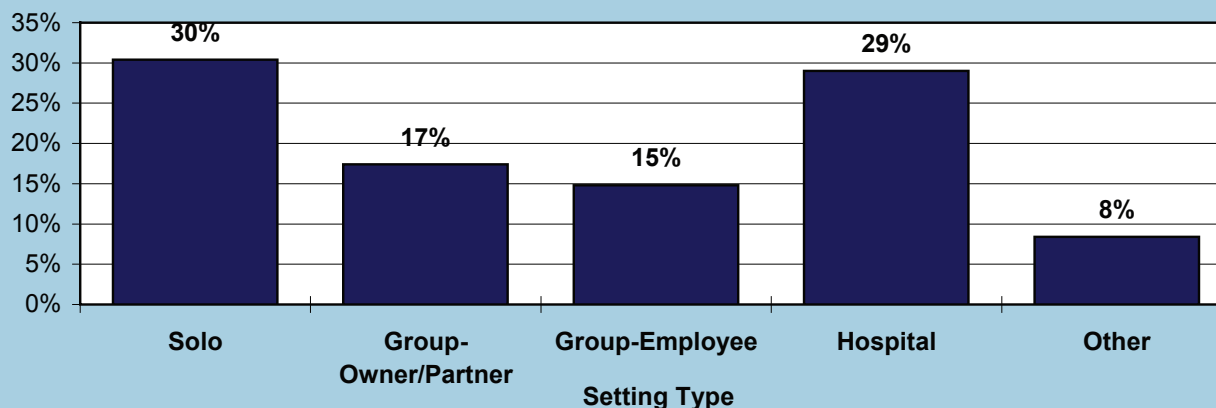
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**





## 2007 Population

### Upstate New York

7,376,573

## Profile of Active Patient Care Physicians, 2007

Number of Physicians	17,812
FTE (i.e., full-time equivalents)	17,152
Average Age	52
Percent Female	26%
Percent Underrepresented Minority	6%
Percent International Medical School Grads	30%
Percent NY Medical School Grads	39%
Percent with Residency Training in NY	63%

Specialty Group*	Physician Supply, 2007				Change in Supply, 2003-2007			
	Counts		Per 100k Pop.		Counts		% Per 100k Pop.	
	Phys	FTEs	Phys	FTEs	Phys	FTEs	Phys	FTEs
Primary Care	6,005	5,698	81	77	298	256	5%	4%
Non-Primary Care	11,807	11,454	160	155	597	525	5%	4%
Ob/Gyn	961	998	13	14	77	74	8%	8%
IM Specialties	2,107	2,118	29	29	215	211	11%	11%
General Surgery	537	566	7	8	-8	1	-2%	0%
Surgical Specialties	2,117	2,169	29	29	38	-2	1%	0%
Facility Based	2,270	2,376	31	32	130	145	6%	6%
Psychiatry	1,375	1,194	19	16	20	15	1%	1%
Total (All Physicians)	17,812	17,152	241	233	895	781	5%	4%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	1,480,464	3,754,254	966,708	6,201,426	84%
Other Race/Ethnicity	412,405	689,569	73,173	1,175,147	16%
Total	1,892,869	4,443,823	1,039,881	7,376,573	
% of Pop.	26%	60%	14%		100%
Percent in Poverty 2005	12.2				
Unemployment Rate 2006*	4.6				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

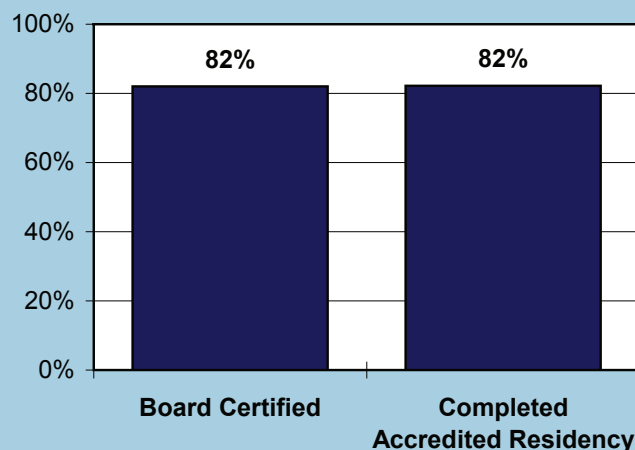
## Health Status Indicators (2006)\*

Total Births	83,540	(11.4)	Total Deaths	64,869	(882.9)
Births < 2500 gms	6,489	(7.8)	Heart Disease	18,359	(249.9)
Total Pregnancies	112,091	(74.3)	Lung Cancer	4,583	(62.4)
Teen Pregnancies (ages 15-19)	12,244	(44.0)	Cerebrovascular Disease	3,354	(45.6)

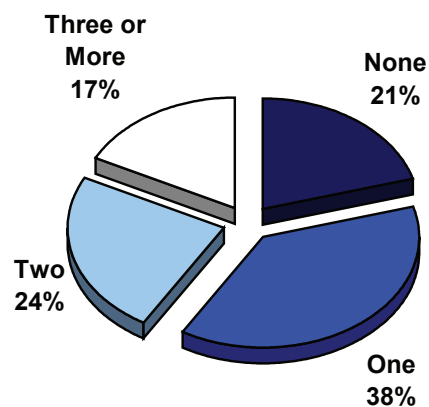
\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.



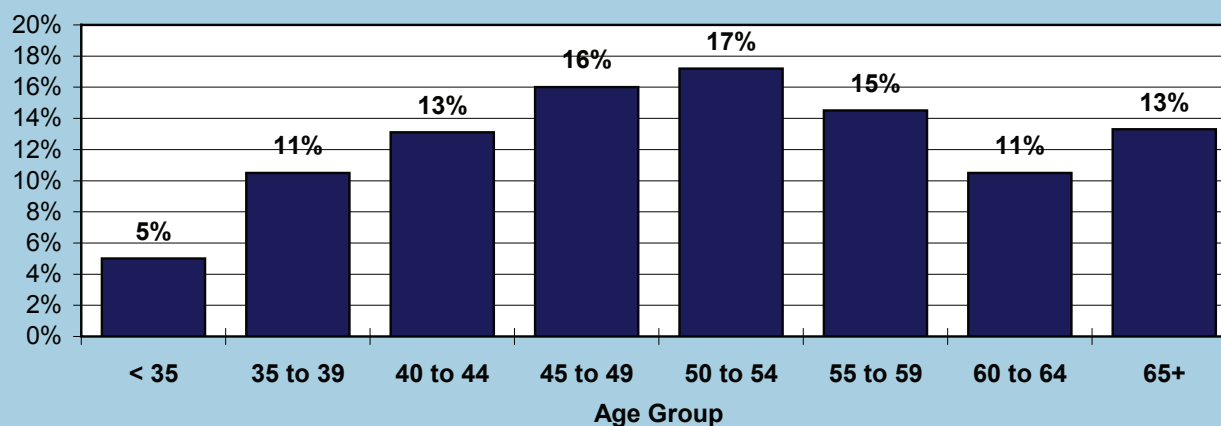
**Board Certification and Completion of Accredited Residency**



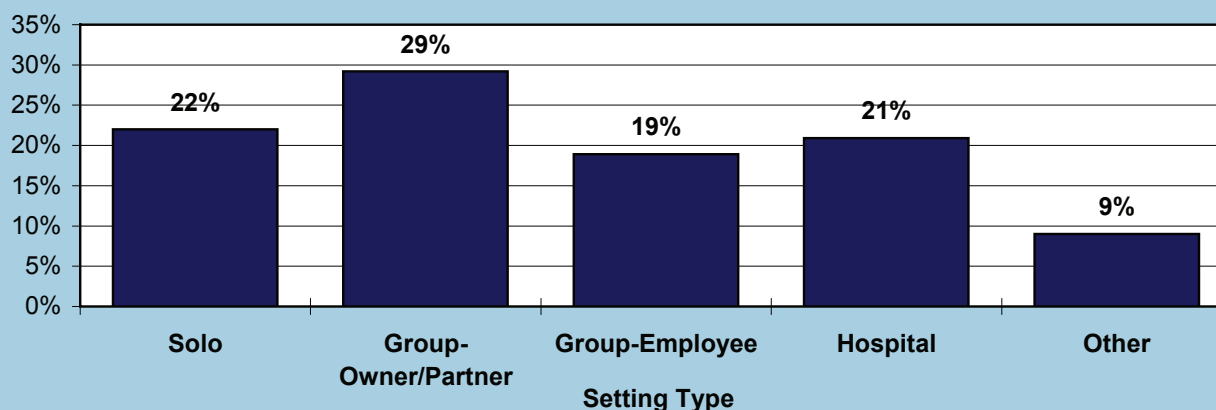
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



## URBAN COUNTIES



### 2007 Population

**Urban  
Counties**  
16,235,251

### Profile of Active Patient Care Physicians, 2007

Number of Physicians	58,393
FTE (i.e., full-time equivalents)	52,118
Average Age	51
Percent Female	31%
Percent Underrepresented Minority	10%
Percent International Medical School Grads	36%
Percent NY Medical School Grads	38%
Percent with Residency Training in NY	79%

Specialty Group*	Physician Supply, 2007				Change in Supply, 2003-2007			
	Counts		Per 100k Pop.		Counts		% Per 100k Pop.	
	Phys	FTEs	Phys	FTEs	Phys	FTEs	Phys	FTEs
Primary Care	17,147	15,267	106	94	893	627	5%	3%
Non-Primary Care	41,246	36,851	254	227	3,083	2,473	7%	6%
Ob/Gyn	3,144	2,891	19	18	133	39	4%	1%
IM Specialties	8,366	7,700	52	47	910	907	11%	12%
General Surgery	1,378	1,278	8	8	-47	-98	-4%	-8%
Surgical Specialties	6,381	6,113	39	38	336	207	5%	3%
Facility Based	7,109	7,057	44	43	779	827	11%	12%
Psychiatry	6,200	4,941	38	30	307	141	4%	2%
Total (All Physicians)	58,393	52,118	360	321	3,976	3,100	6%	5%

\*Other physician specialties are not displayed but are included in the non-primary care total.

### Selected Population Characteristics\*

	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	1,940,618	5,302,497	1,492,242	8,735,357	54%
Other Race/Ethnicity	2,329,894	4,530,617	639,383	7,499,894	46%
Total	4,270,512	9,833,114	2,131,625	16,235,251	
% of Pop.	26%	61%	13%		100%
Percent in Poverty 2005	14.1				
Unemployment Rate 2006*	4.6				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

### Health Status Indicators (2006)\*

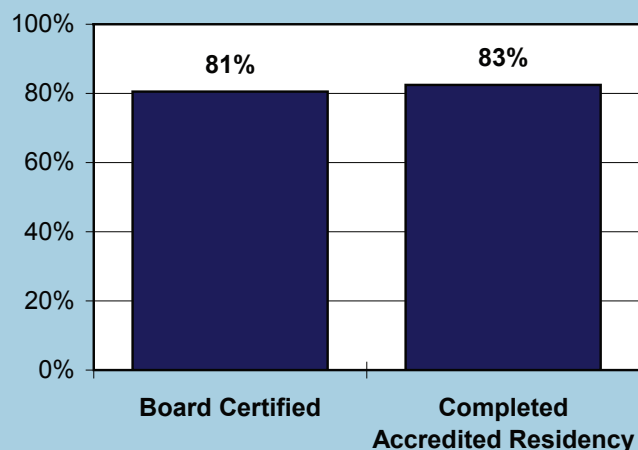
Total Births	215,495	(13.3)	Total Deaths	119,766	(739.6)
Births < 2500 gms	18,244	(8.5)	Heart Disease	42,302	(261.2)
Total Pregnancies	344,896	(99.8)	Lung Cancer	7,124	(44.0)
Teen Pregnancies (ages 15-19)	35,402	(63.4)	Cerebrovascular Disease	4,975	(30.7)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

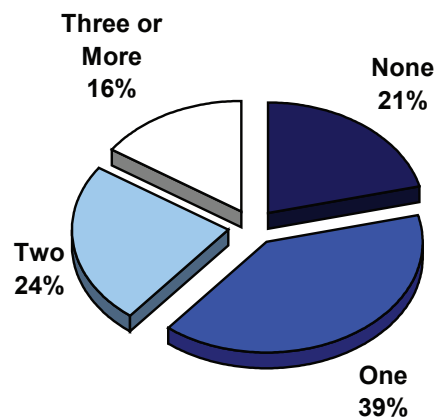
## URBAN COUNTIES



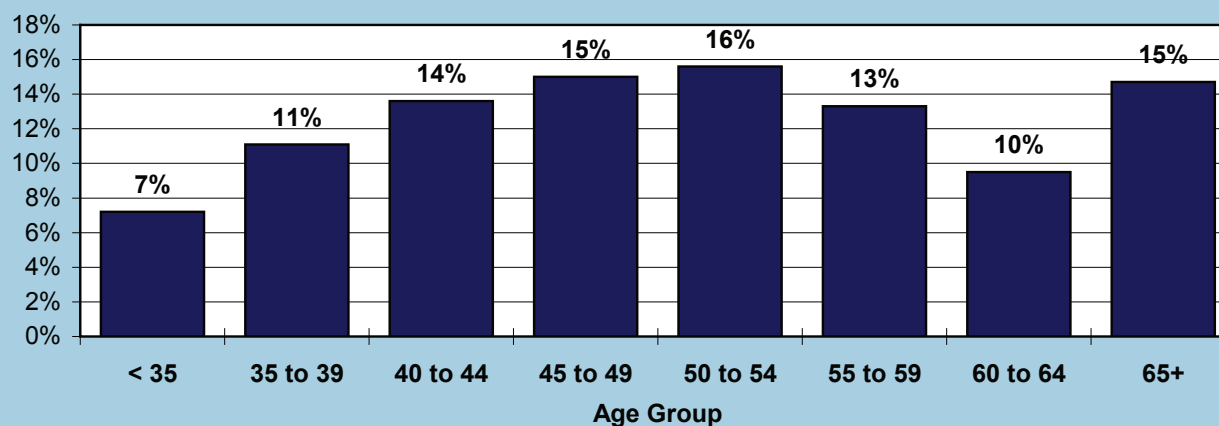
**Board Certification and Completion of Accredited Residency**



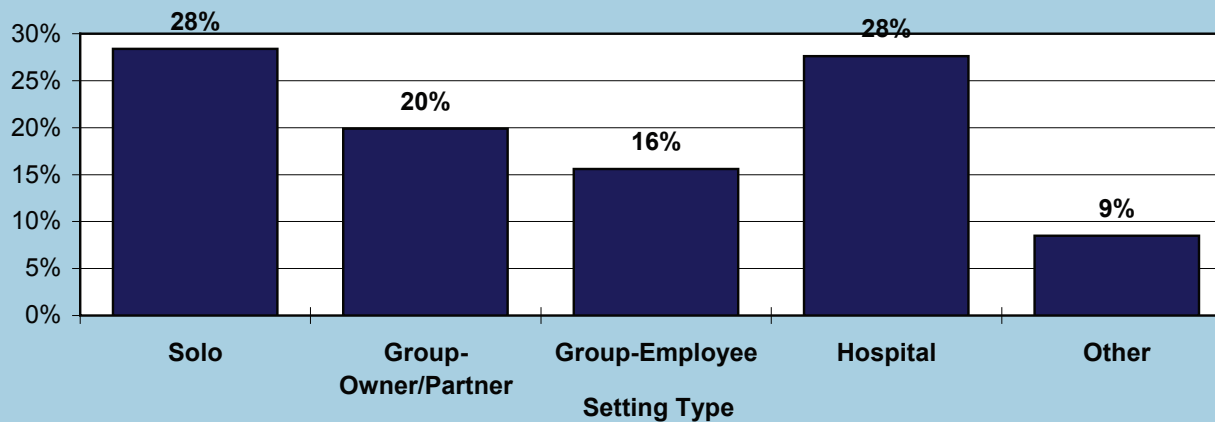
**Number of Hospitals to Which Physicians Have Admitting Privileges**



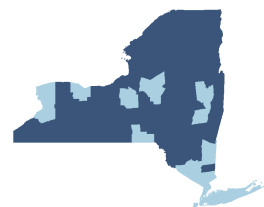
**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



## RURAL COUNTIES



### 2007 Population

**Rural  
Counties**  
3,128,564

### Profile of Active Patient Care Physicians, 2007

Number of Physicians	5,453
FTE (i.e., full-time equivalents)	5,529
Average Age	53
Percent Female	23%
Percent Underrepresented Minority	6%
Percent International Medical School Grads	30%
Percent NY Medical School Grads	34%
Percent with Residency Training in NY	55%

Specialty Group*	Physician Supply, 2007				Change in Supply, 2003-2007			
	Counts		Per 100k Pop.		Counts		% Per 100k Pop.	
	Phys	FTEs	Phys	FTEs	Phys	FTEs	Phys	FTEs
Primary Care	2,185	2,187	70	70	113	99	5%	4%
Non-Primary Care	3,268	3,342	104	107	151	126	4%	3%
Ob/Gyn	269	293	9	9	16	11	6%	3%
IM Specialties	522	560	17	18	57	51	12%	9%
General Surgery	194	215	6	7	3	11	1%	5%
Surgical Specialties	631	680	20	22	28	18	4%	2%
Facility Based	650	704	21	23	41	42	6%	6%
Psychiatry	356	320	11	10	13	15	3%	4%
Total (All Physicians)	5,453	5,529	174	177	264	226	4%	4%

\*Other physician specialties are not displayed but are included in the non-primary care total.

### Selected Population Characteristics\*

	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	674,860	1,720,932	431,910	2,827,702	90%
Other Race/Ethnicity	105,726	181,736	13,400	300,862	10%
Total	780,586	1,902,668	445,310	3,128,564	
% of Pop.	25%	61%	14%		100%
Percent in Poverty 2005	12.6				
Unemployment Rate 2006*	4.7				

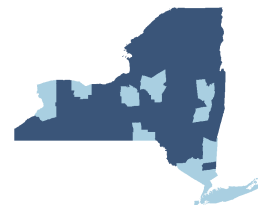
\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

### Health Status Indicators (2006)\*

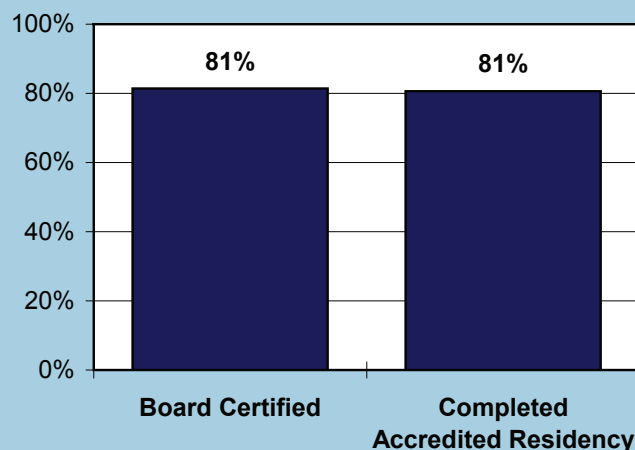
Total Births	33,687	(10.8)	Total Deaths	27,849	(894.8)
Births < 2500 gms	2,515	(7.5)	Heart Disease	7,900	(253.8)
Total Pregnancies	43,190	(67.4)	Lung Cancer	2,052	(65.9)
Teen Pregnancies (ages 15-19)	4,719	(39.7)	Cerebrovascular Disease	1,335	(42.9)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

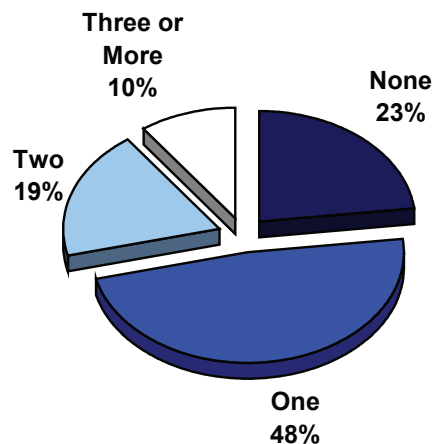
## RURAL COUNTIES



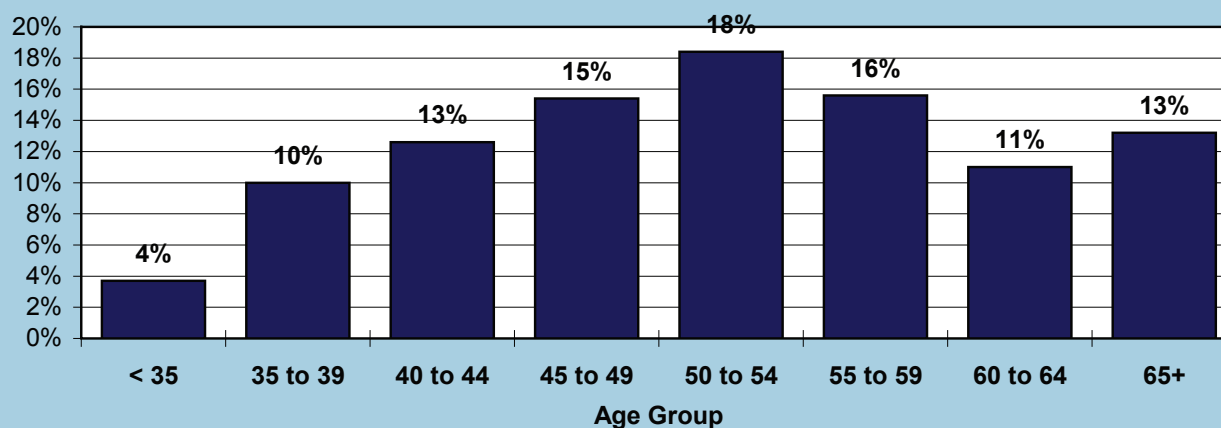
**Board Certification and Completion of Accredited Residency**



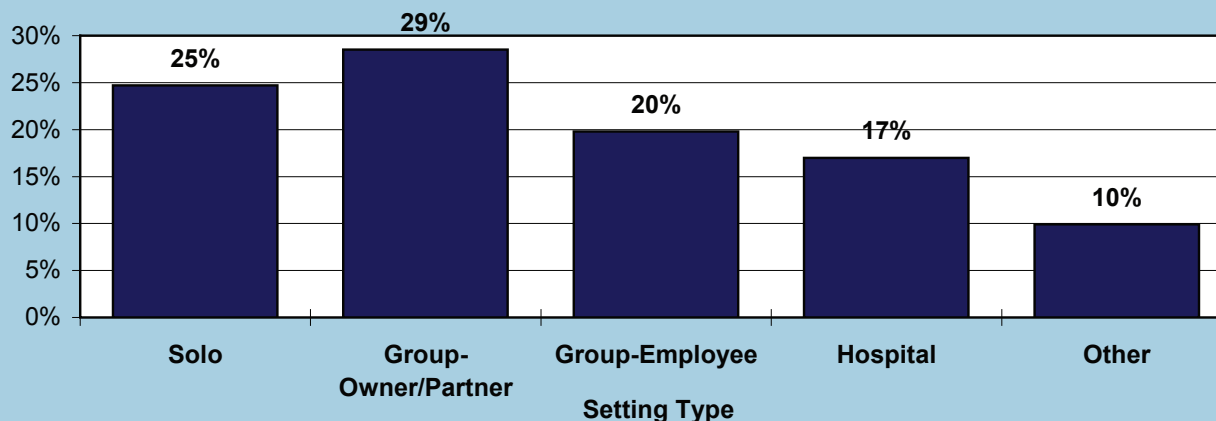
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**





## ***REGIONAL PROFILES***

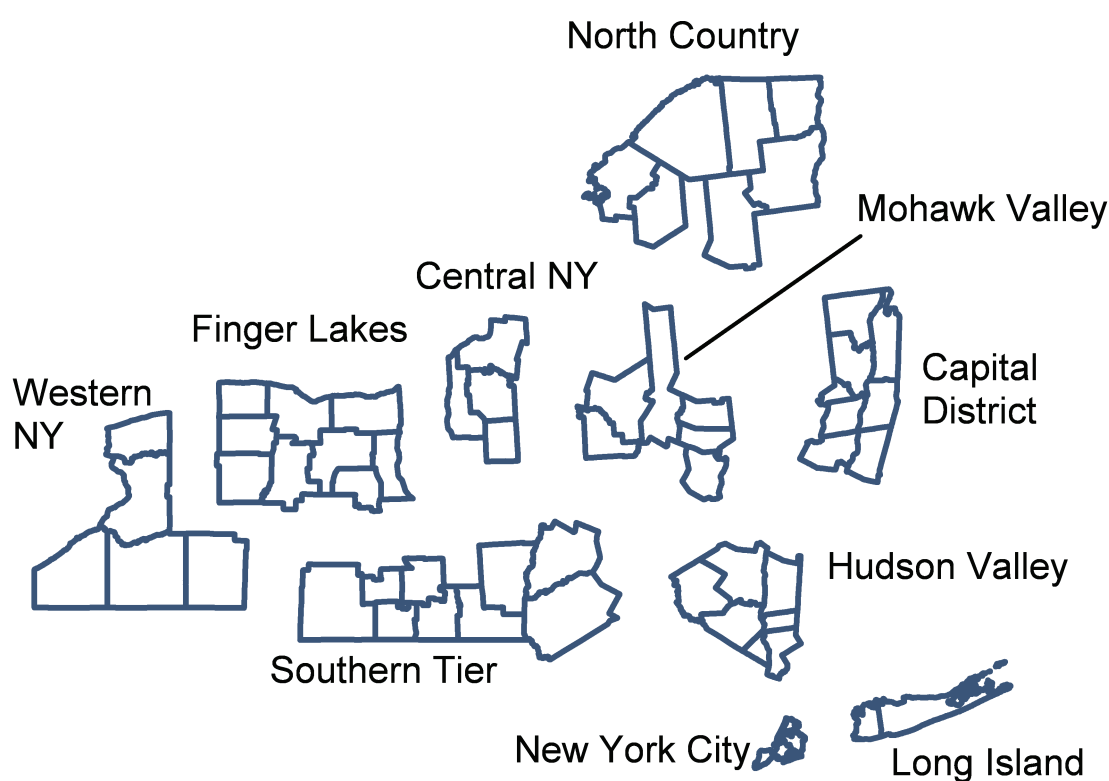


## REGIONAL PROFILES

This section presents a series of statistical profiles, one for each of the 10 CHWS New York Health Workforce Regions. In addition to basic counts and characteristics of physicians, the profiles present information on practice settings, board certification, location of residency training, and FTE counts by activity and specialty category in the workforce regions. The tabulations include only active patient care physicians and all of the figures exclude medical residents.

The map below shows the names of and the counties that comprise each workforce region.

**Figure 1. Map of CHWS New York Health Workforce Regions**



**Table 1. CHWS New York Health Workforce Regions**

<b><u>Region</u></b>	<b><u>Counties Included</u></b>
Capital District	Albany, Columbia, Greene, Rensselaer, Saratoga, Schenectady, Warren, and Washington
Central New York	Cayuga, Cortland, Onondaga, and Oswego
Finger Lakes	Genesee, Livingston, Monroe, Ontario, Orleans, Seneca, Wayne, Wyoming, and Yates
Hudson Valley	Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, and Westchester
Long Island	Nassau and Suffolk
Mohawk Valley	Fulton, Herkimer, Madison, Montgomery, Oneida, and Schoharie
New York City	Bronx, Kings, New York, Queens, and Richmond
North Country	Clinton, Essex, Franklin, Hamilton, Jefferson, Lewis, and St. Lawrence
Southern Tier	Broome, Chemung, Chenango, Delaware, Otsego, Schuyler, Steuben, Tioga, and Tompkins
Western New York	Allegany, Cattaraugus, Chautauqua, Erie, and Niagara

# CAPITAL DISTRICT



	<b>Capital District</b>	<b>New York</b>	<b>% of New York</b>
<b>2007 Population</b>	1,066,688	19,363,815	6%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	2,796	63,847	4%
FTE (i.e., full-time equivalents)	2,701	57,647	5%
Average Age	53	51	
Percent Female	25%	31%	
Percent Underrepresented Minority	5%	10%	
Percent International Medical School Grads	25%	36%	
Percent NY Medical School Grads	42%	38%	
Percent with Residency Training in NY	62%	77%	

<b>Specialty Group*</b>	<b>Physician Supply, 2007</b>				<b>Change in Supply, 2003-2007</b>			
	<b>Counts</b>		<b>Per 100k Pop.</b>		<b>Counts</b>		<b>% Per 100k Pop.</b>	
	<b>Phys</b>	<b>FTEs</b>	<b>Phys</b>	<b>FTEs</b>	<b>Phys</b>	<b>FTEs</b>	<b>Phys</b>	<b>FTEs</b>
Primary Care	923	855	87	80	101	91	10%	10%
Non-Primary Care	1,872	1,846	176	173	103	102	4%	4%
<i>Ob/Gyn</i>	139	142	13	13	23	15	18%	10%
<i>IM Specialties</i>	383	406	36	38	42	63	10%	16%
<i>General Surgery</i>	68	71	6	7	-11	-12	-15%	-16%
<i>Surgical Specialties</i>	349	358	33	34	-11	-18	-5%	-7%
<i>Facility Based</i>	339	356	32	33	13	11	2%	1%
<i>Psychiatry</i>	200	181	19	17	13	17	5%	9%
Total (All Physicians)	2,796	2,701	262	253	203	192	6%	6%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>
White Non-Hispanic	211,345	570,319	143,275	924,939	87%
Other Race/Ethnicity	50,420	83,436	7,893	141,749	13%
<b>Total</b>	<b>261,765</b>	<b>653,755</b>	<b>151,168</b>	<b>1,066,688</b>	
<b>% of Pop.</b>	<b>25%</b>	<b>61%</b>	<b>14%</b>		<b>100%</b>
Percent in Poverty 2005	10.5				
Unemployment Rate 2006*	4.0				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

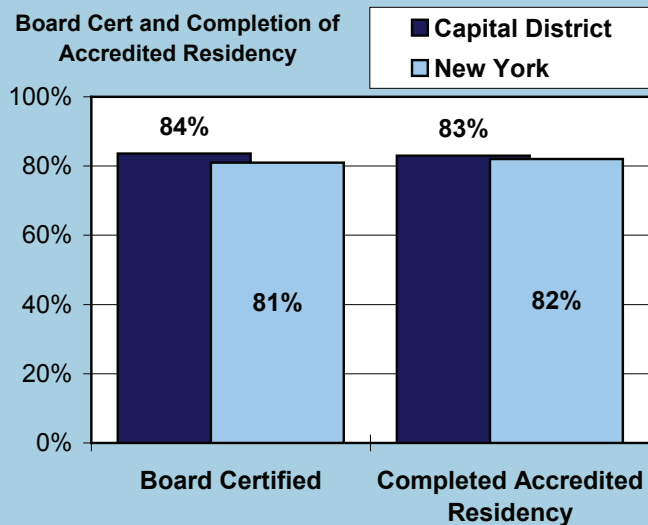
Total Births	11,296	(10.7)	Total Deaths	9,360	(882.2)
Births < 2500 gms	814	(7.2)	Heart Disease	2,747	(258.9)
Total Pregnancies	15,556	(70.3)	Lung Cancer	681	(64.2)
Teen Pregnancies (ages 15-19)	1,586	(41.8)	Cerebrovascular Disease	449	(42.3)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

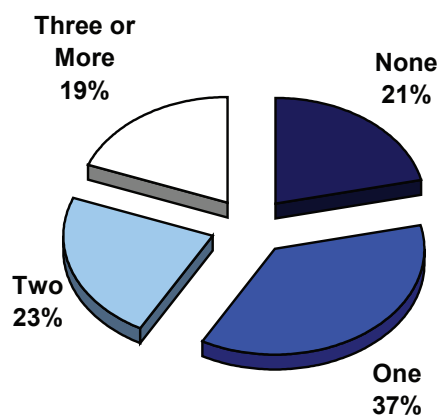
## CAPITAL DISTRICT



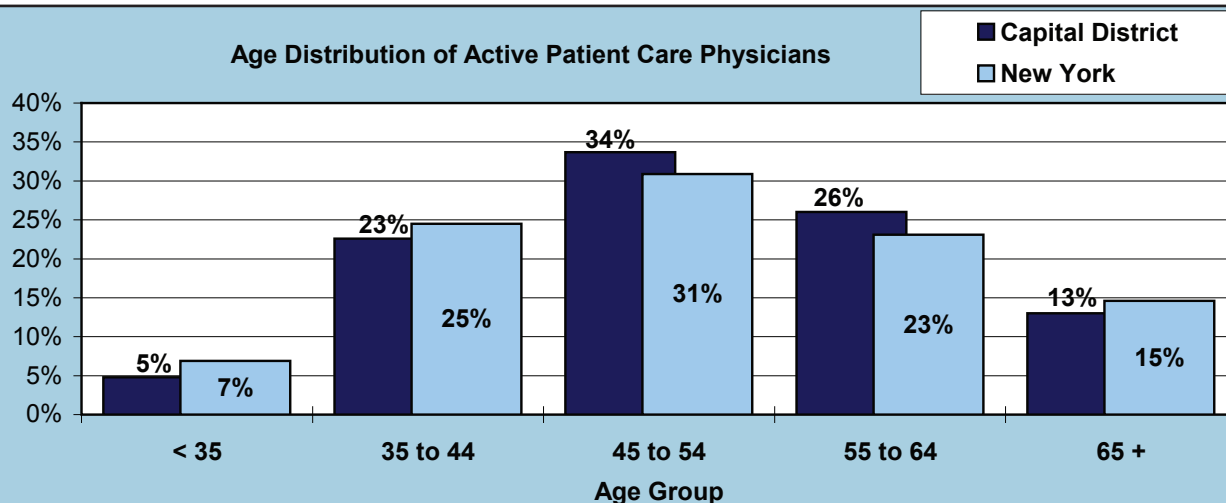
**Board Cert and Completion of Accredited Residency**



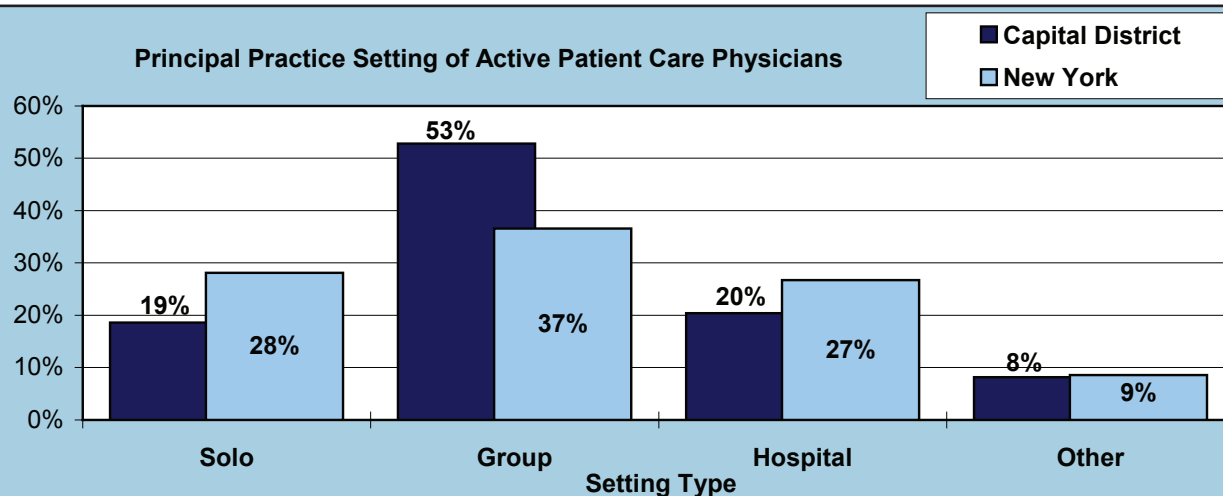
**Number of Hospitals to Which Physicians Have Admitting Privileges**



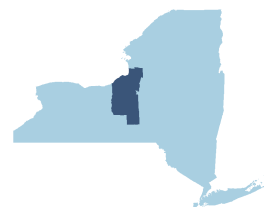
**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



# CENTRAL NEW YORK



	<u>Central New York</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	711,022	19,363,815	4%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	1,824	63,847	3%
FTE (i.e., full-time equivalents)	1,763	57,647	3%
Average Age	51	51	
Percent Female	26%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical School Grads	24%	36%	
Percent NY Medical School Grads	46%	38%	
Percent with Residency Training in NY	63%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	548	510	77	72	29	14	6%	3%
Non-Primary Care	1,276	1,253	179	176	39	57	4%	5%
<i>Ob/Gyn</i>	107	123	15	17	-6	7	-5%	7%
<i>IM Specialties</i>	228	236	32	33	15	25	7%	12%
<i>General Surgery</i>	63	68	9	9	3	-1	5%	-1%
<i>Surgical Specialties</i>	256	260	36	37	8	13	3%	6%
<i>Facility Based</i>	247	250	35	35	17	10	8%	4%
<i>Psychiatry</i>	122	104	17	15	-3	2	-2%	3%
Total (All Physicians)	1,824	1,763	257	248	68	71	4%	5%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	150,335	373,824	91,463	615,622	87%
Other Race/Ethnicity	37,298	53,249	4,853	95,400	13%
<i>Total</i>	187,633	427,073	96,316	711,022	
<i>% of Pop.</i>	26%	60%	14%		100%
Percent in Poverty 2005	13.9				
Unemployment Rate 2006*	4.7				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

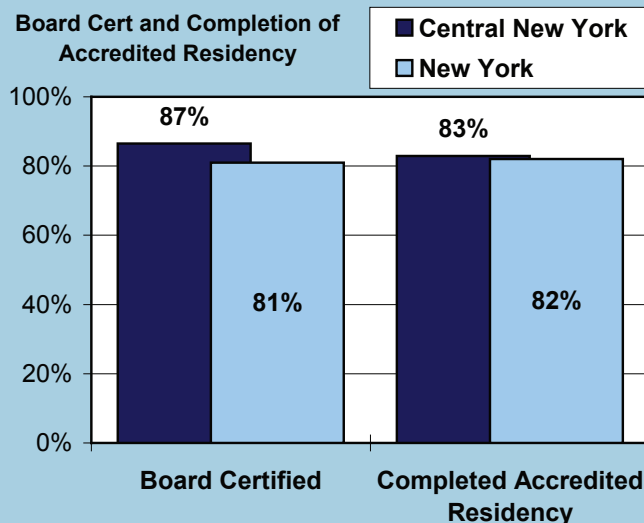
Total Births	8,226	(11.6)	Total Deaths	6,251	(880.9)
Births < 2500 gms	681	(8.3)	Heart Disease	1,564	(220.4)
Total Pregnancies	10,716	(71.1)	Lung Cancer	477	(67.2)
Teen Pregnancies (ages 15-19)	1,250	(44.3)	Cerebrovascular Disease	343	(48.3)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

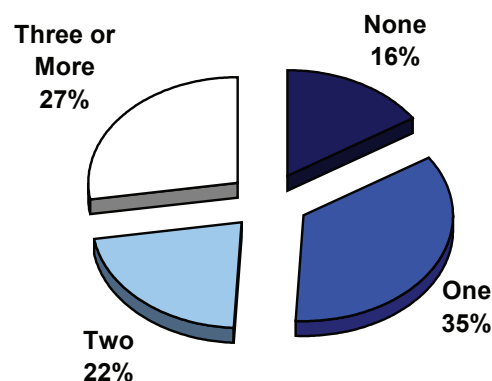
# CENTRAL NEW YORK



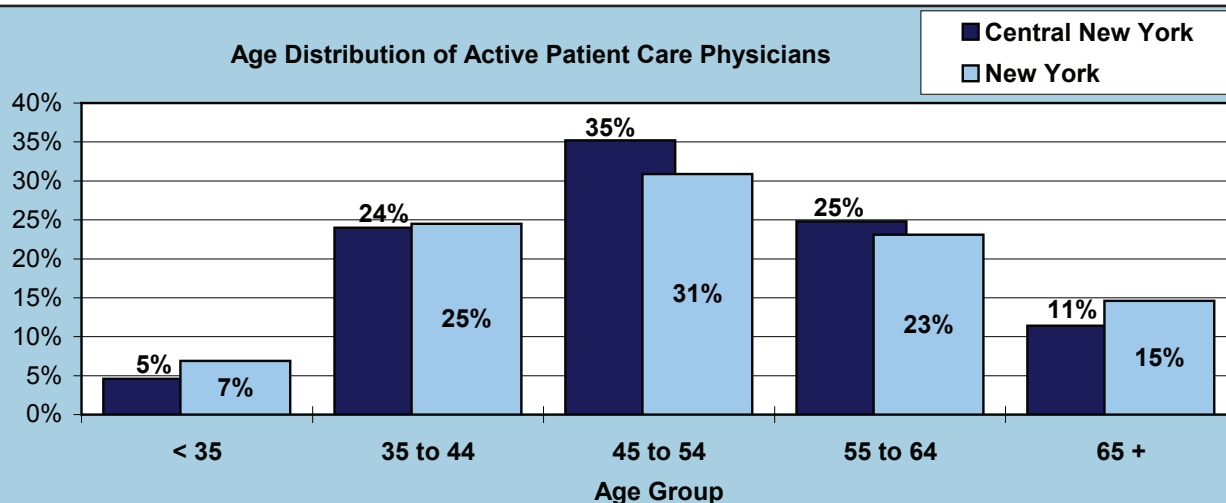
**Board Cert and Completion of Accredited Residency**



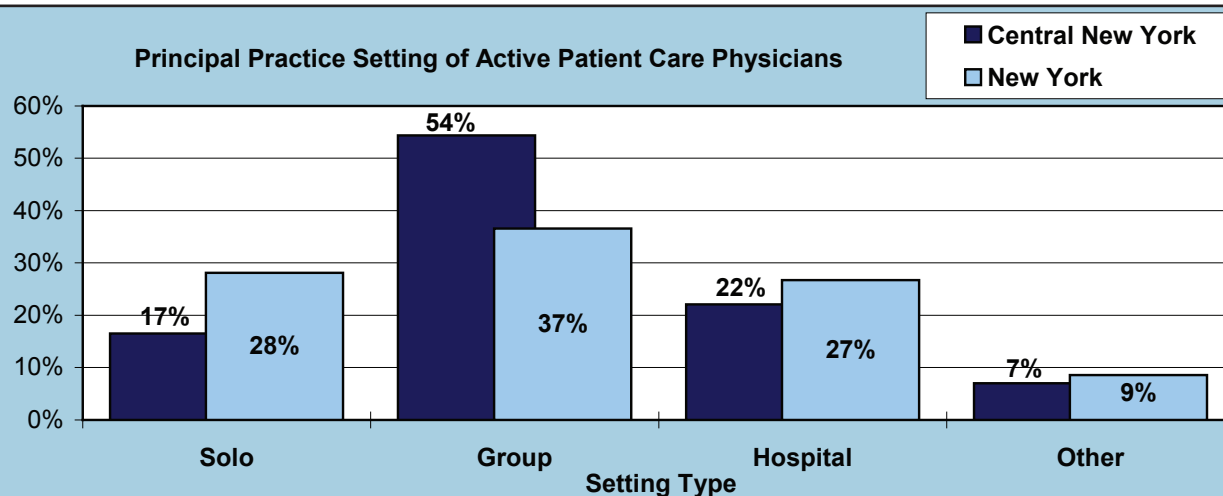
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**





# FINGER LAKES



	<u>Finger Lakes</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	1,199,298	19,363,815	6%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	3,255	63,847	5%
FTE (i.e., full-time equivalents)	2,935	57,647	5%
Average Age	51	51	
Percent Female	30%	31%	
Percent Underrepresented Minority	5%	10%	
Percent International Medical School Grads	22%	36%	
Percent NY Medical School Grads	39%	38%	
Percent with Residency Training in NY	64%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	1,144	1,017	95	85	96	50	10%	6%
Non-Primary Care	2,111	1,918	176	160	127	95	7%	6%
<i>Ob/Gyn</i>	172	178	14	15	22	23	15%	15%
<i>IM Specialties</i>	398	346	33	29	46	22	14%	7%
<i>General Surgery</i>	85	86	7	7	12	14	16%	20%
<i>Surgical Specialties</i>	337	347	28	29	20	6	7%	2%
<i>Facility Based</i>	418	418	35	35	21	34	6%	9%
<i>Psychiatry</i>	217	178	18	15	-12	-16	-5%	-8%
Total (All Physicians)	3,255	2,935	271	245	224	144	8%	6%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	233,907	599,369	150,588	983,864	82%
Other Race/Ethnicity	78,383	124,423	12,628	215,434	18%
<i>Total</i>	312,290	723,792	163,216	1,199,298	
<i>% of Pop.</i>	26%	60%	14%		100%
Percent in Poverty 2005	11.5				
Unemployment Rate 2006*	4.5				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

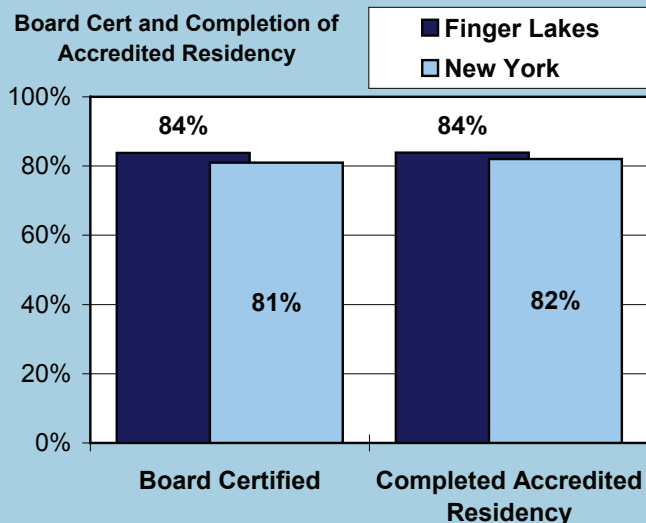
Total Births	13,969	(11.7)	Total Deaths	10,113	(845.3)
Births < 2500 gms	1,097	(7.8)	Heart Disease	2,627	(219.6)
Total Pregnancies	18,878	(76.7)	Lung Cancer	695	(58.1)
Teen Pregnancies (ages 15-19)	2,181	(47.0)	Cerebrovascular Disease	571	(47.7)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

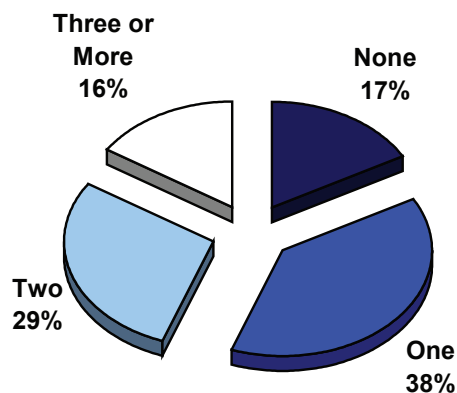
# FINGER LAKES



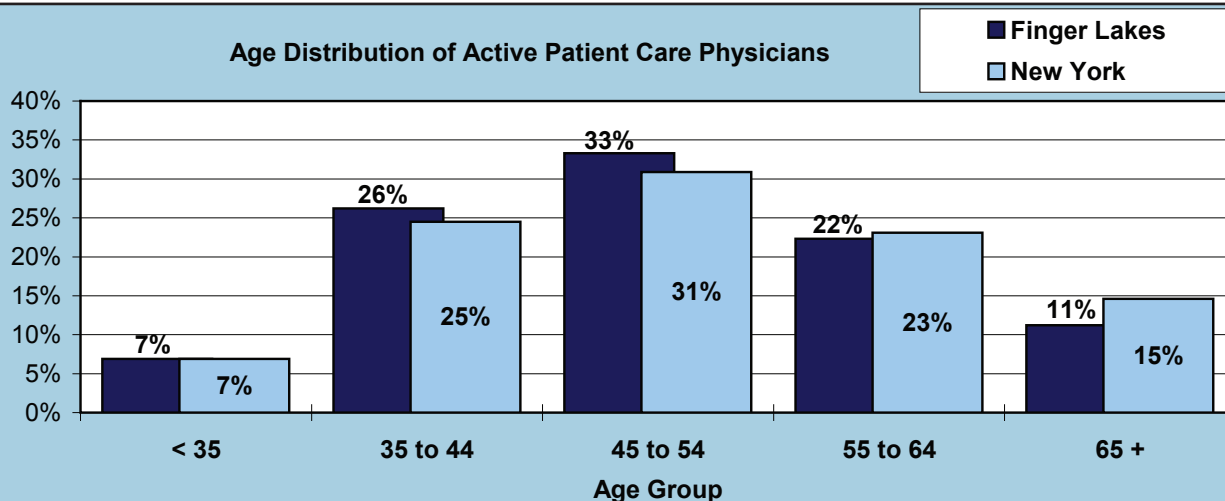
**Board Cert and Completion of Accredited Residency**



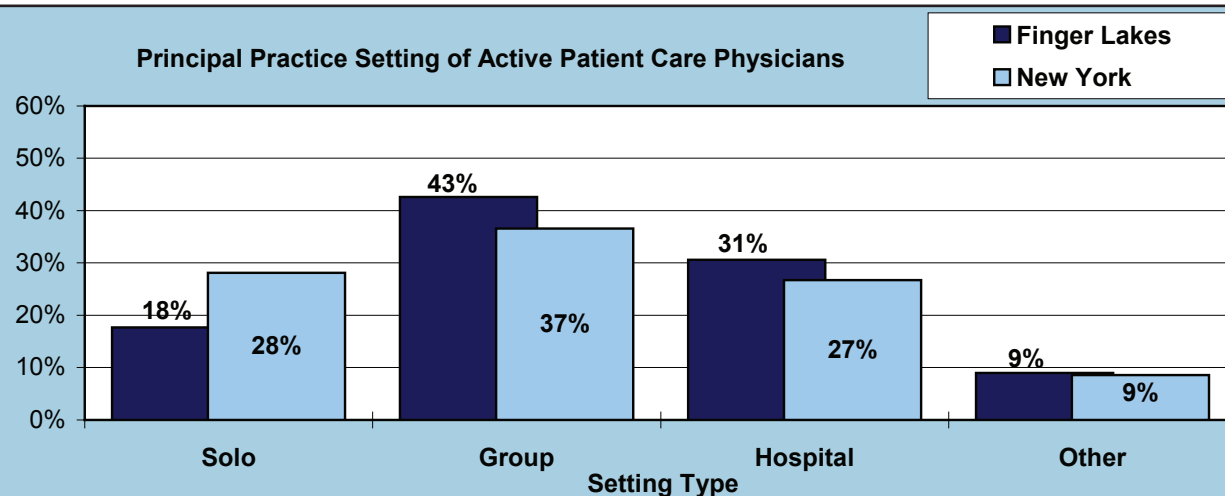
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



# HUDSON VALLEY



	<b>Hudson Valley</b>	<b>New York</b>	<b>% of New York</b>
<b>2007 Population</b>	2,277,123	19,363,815	12%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	7,388	63,847	12%
FTE (i.e., full-time equivalents)	6,851	57,647	12%
Average Age	53	51	
Percent Female	31%	31%	
Percent Underrepresented Minority	9%	10%	
Percent International Medical School Grads	36%	36%	
Percent NY Medical School Grads	39%	38%	
Percent with Residency Training in NY	76%	77%	

<b>Specialty Group*</b>	<b>Physician Supply, 2007</b>				<b>Change in Supply, 2003-2007</b>			
	<b>Counts</b>		<b>Per 100k Pop.</b>		<b>Counts</b>		<b>% Per 100k Pop.</b>	
	<b>Phys</b>	<b>FTEs</b>	<b>Phys</b>	<b>FTEs</b>	<b>Phys</b>	<b>FTEs</b>	<b>Phys</b>	<b>FTEs</b>
Primary Care	2,274	2,105	100	92	212	190	9%	8%
Non-Primary Care	5,114	4,745	225	208	315	267	5%	4%
Ob/Gyn	395	377	17	17	28	2	6%	-1%
IM Specialties	865	885	38	39	108	118	13%	14%
General Surgery	175	172	8	8	-14	-3	-9%	-3%
Surgical Specialties	807	772	35	34	0	-34	-1%	-6%
Facility Based	856	886	38	39	93	102	11%	12%
Psychiatry	1,013	819	44	36	15	12	0%	0%
Total (All Physicians)	7,388	6,851	324	301	528	456	6%	6%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>
White Non-Hispanic	397,213	928,059	240,692	1,565,964	69%
Other Race/Ethnicity	224,300	433,170	53,689	711,159	31%
<b>Total</b>	<b>621,513</b>	<b>1,361,229</b>	<b>294,381</b>	<b>2,277,123</b>	
<b>% of Pop.</b>	<b>27%</b>	<b>60%</b>	<b>13%</b>		<b>100%</b>
Percent in Poverty 2005	8.9				
Unemployment Rate 2006*	4.0				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

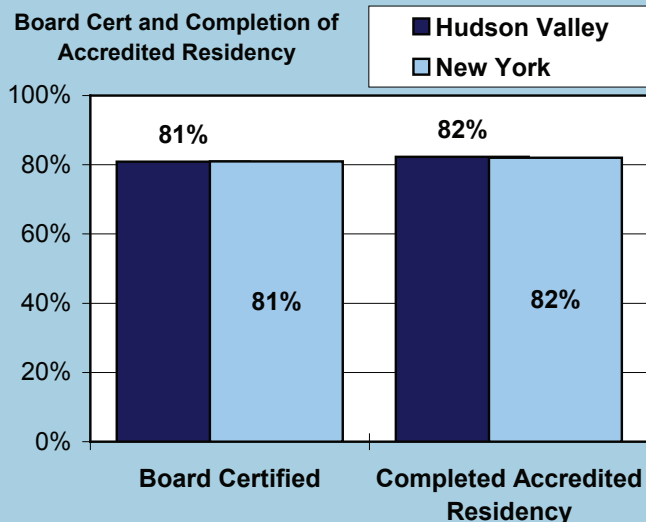
Total Births	28,890	(12.7)	Total Deaths	16,358	(718.8)
Births < 2500 gms	2,229	(7.7)	Heart Disease	5,109	(224.5)
Total Pregnancies	38,855	(85.4)	Lung Cancer	1,080	(47.5)
Teen Pregnancies (ages 15-19)	3,380	(41.3)	Cerebrovascular Disease	832	(36.5)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

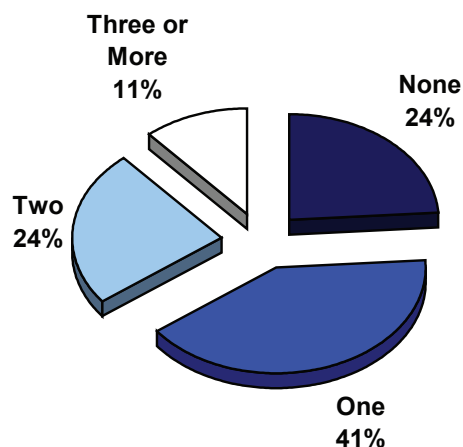
# HUDSON VALLEY



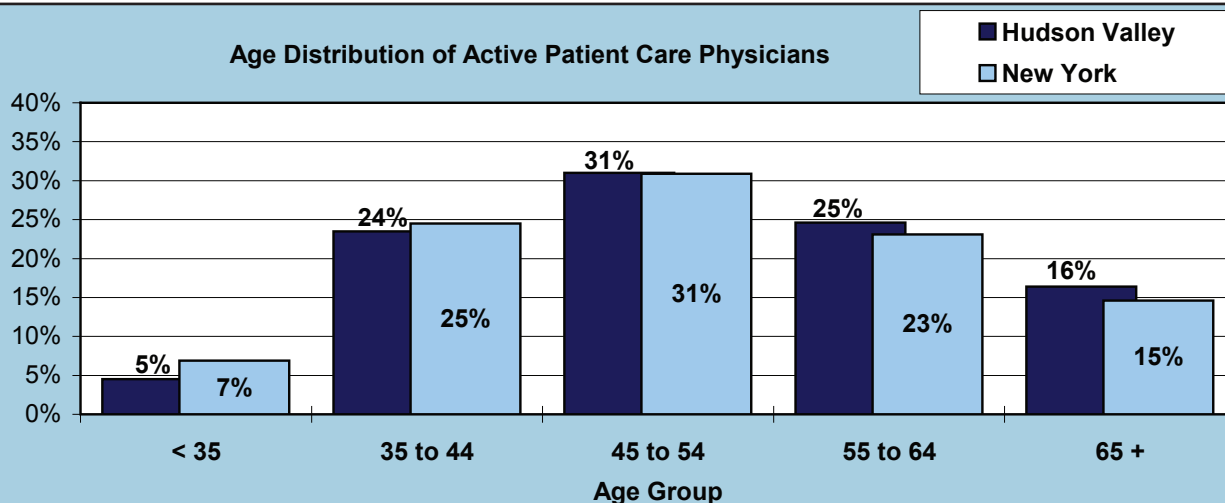
**Board Cert and Completion of Accredited Residency**



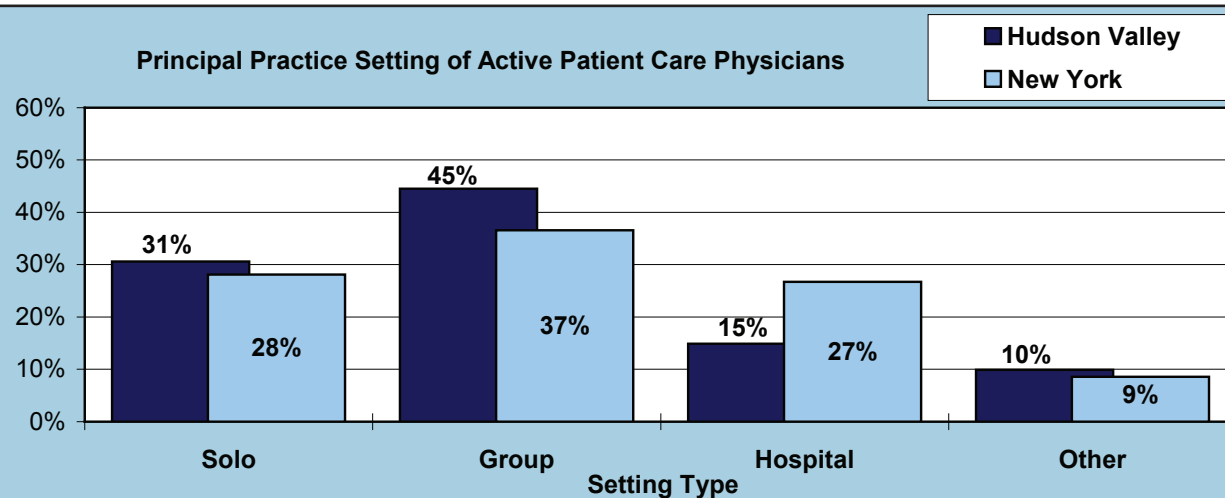
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



# LONG ISLAND



	<u>Long Island</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	2,813,523	19,363,815	15%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	9,954	63,847	16%
FTE (i.e., full-time equivalents)	9,431	57,647	16%
Average Age	51	51	
Percent Female	27%	31%	
Percent Underrepresented Minority	7%	10%	
Percent International Medical School Grads	34%	36%	
Percent NY Medical School Grads	44%	38%	
Percent with Residency Training in NY	82%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	2,820	2,625	100	93	157	93	6%	3%
Non-Primary Care	7,134	6,806	254	242	627	537	9%	8%
<i>Ob/Gyn</i>	517	479	18	17	-36	-40	-7%	-8%
<i>IM Specialties</i>	1,589	1,647	56	59	220	213	16%	15%
<i>General Surgery</i>	241	220	9	8	-4	-27	-2%	-11%
<i>Surgical Specialties</i>	1,180	1,170	42	42	69	48	6%	4%
<i>Facility Based</i>	1,401	1,443	50	51	205	230	17%	19%
<i>Psychiatry</i>	731	599	26	21	20	-16	3%	-3%
Total (All Physicians)	9,954	9,431	354	335	784	630	8%	7%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	496,799	1,199,838	328,784	2,025,421	72%
Other Race/Ethnicity	252,588	474,464	61,050	788,102	28%
<i>Total</i>	749,387	1,674,302	389,834	2,813,523	
<i>% of Pop.</i>	27%	60%	14%		100%
Percent in Poverty 2005	5.3				
Unemployment Rate 2006*	3.9				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

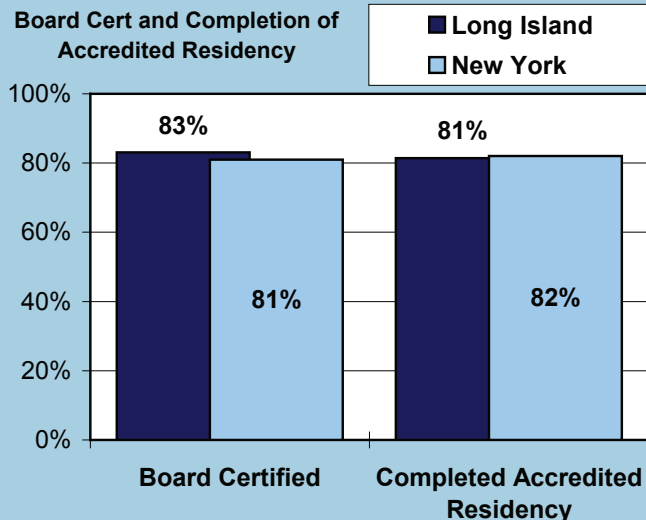
Total Births	34,298	(12.3)	Total Deaths	21,502	(769.2)
Births < 2500 gms	2,743	(8.0)	Heart Disease	7,800	(279.1)
Total Pregnancies	45,468	(84.3)	Lung Cancer	1,400	(50.1)
Teen Pregnancies (ages 15-19)	3,300	(33.2)	Cerebrovascular Disease	867	(31.0)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

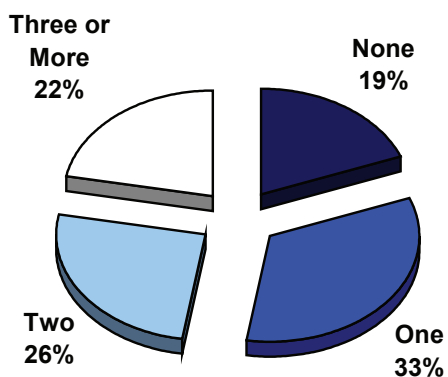
## LONG ISLAND



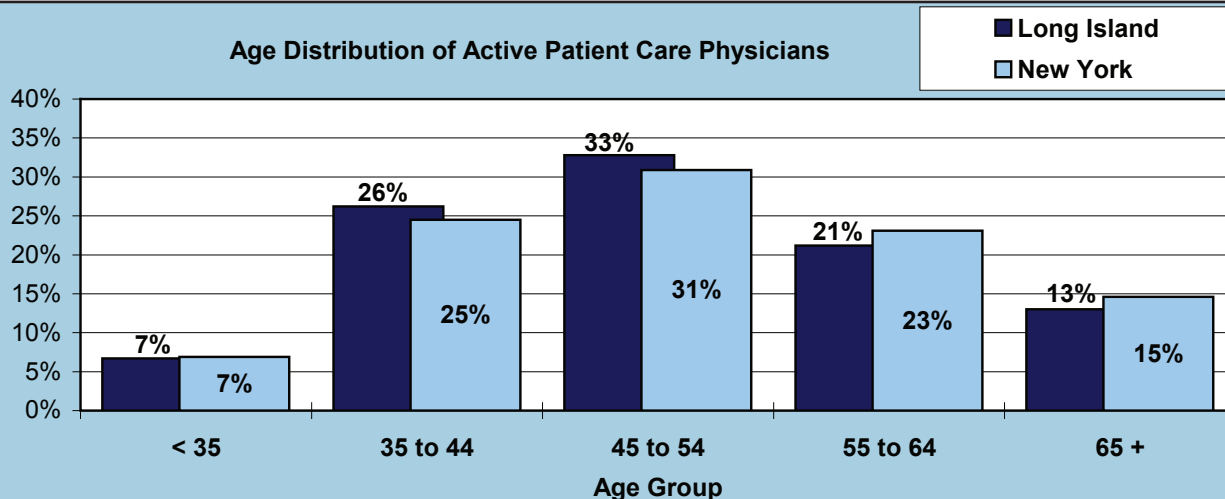
**Board Cert and Completion of Accredited Residency**



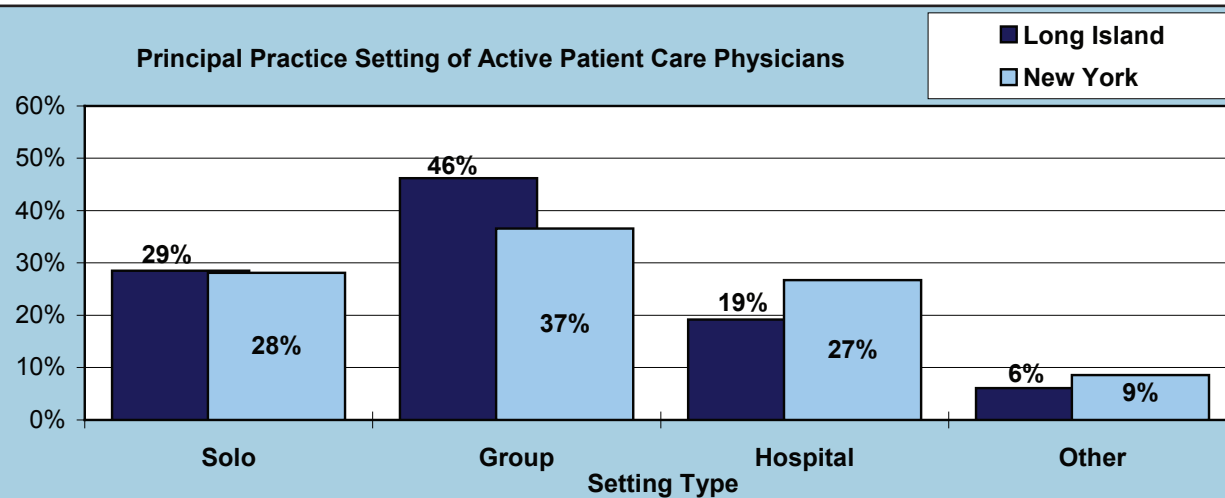
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



# MOHAWK VALLEY



	<u>Mohawk Valley</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	505,383	19,363,815	3%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	834	63,847	1%
FTE (i.e., full-time equivalents)	851	57,647	1%
Average Age	53	51	
Percent Female	20%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical School Grads	42%	36%	
Percent NY Medical School Grads	32%	38%	
Percent with Residency Training in NY	59%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	327	339	65	67	9	19	3%	6%
Non-Primary Care	507	512	100	101	-5	-10	-1%	-2%
Ob/Gyn	36	41	7	8	-2	-1	-4%	-2%
IM Specialties	81	89	16	18	-5	-9	-6%	-9%
General Surgery	34	36	7	7	-7	-4	-16%	-11%
Surgical Specialties	90	97	18	19	13	13	16%	15%
Facility Based	113	124	22	25	-4	3	-3%	2%
Psychiatry	75	58	15	12	3	-4	4%	-6%
Total (All Physicians)	834	851	165	168	3	9	0%	1%

\*Other physician specialties are not displayed but are included in the non-primary care total.

<b>Selected Population Characteristics*</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	108,390	273,627	77,869	459,886	91%
Other Race/Ethnicity	16,681	26,885	1,931	45,497	9%
<b>Total</b>	<b>125,071</b>	<b>300,512</b>	<b>79,800</b>	<b>505,383</b>	
<b>% of Pop.</b>	<b>25%</b>	<b>59%</b>	<b>16%</b>		<b>100%</b>
Percent in Poverty 2005	13.9				
Unemployment Rate 2006*	4.8				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

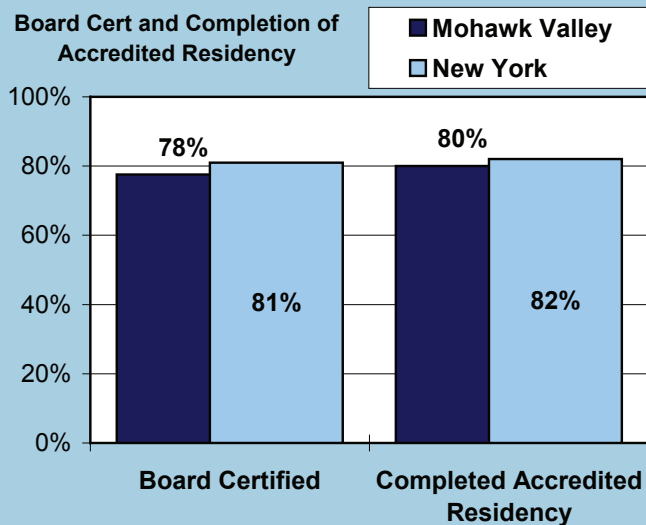
<b>Health Status Indicators (2006)*</b>					
Total Births	5,478	(10.9)	Total Deaths	5,128	(1,017.0)
Births < 2500 gms	438	(8.0)	Heart Disease	1,585	(314.4)
Total Pregnancies	7,372	(73.6)	Lung Cancer	354	(70.2)
Teen Pregnancies (ages 15-19)	987	(52.9)	Cerebrovascular Disease	262	(52.0)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

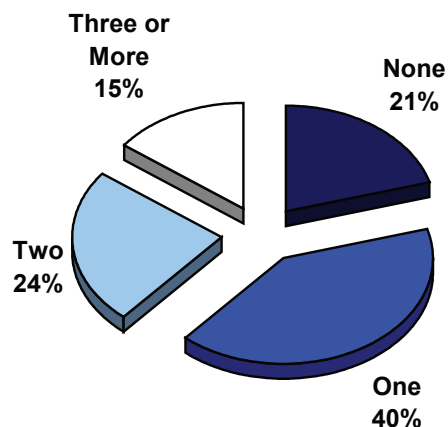
# MOHAWK VALLEY



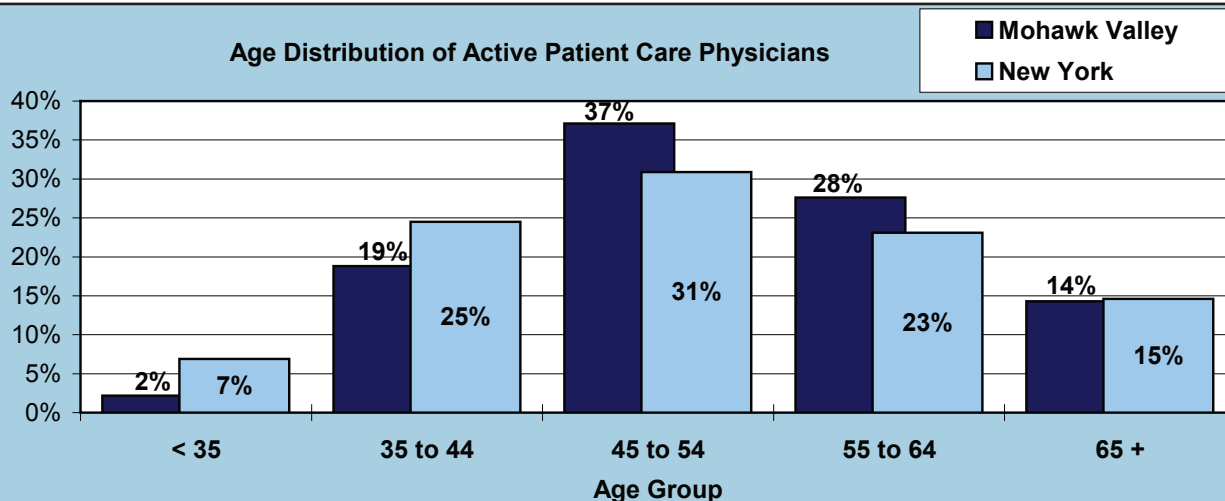
**Board Cert and Completion of Accredited Residency**



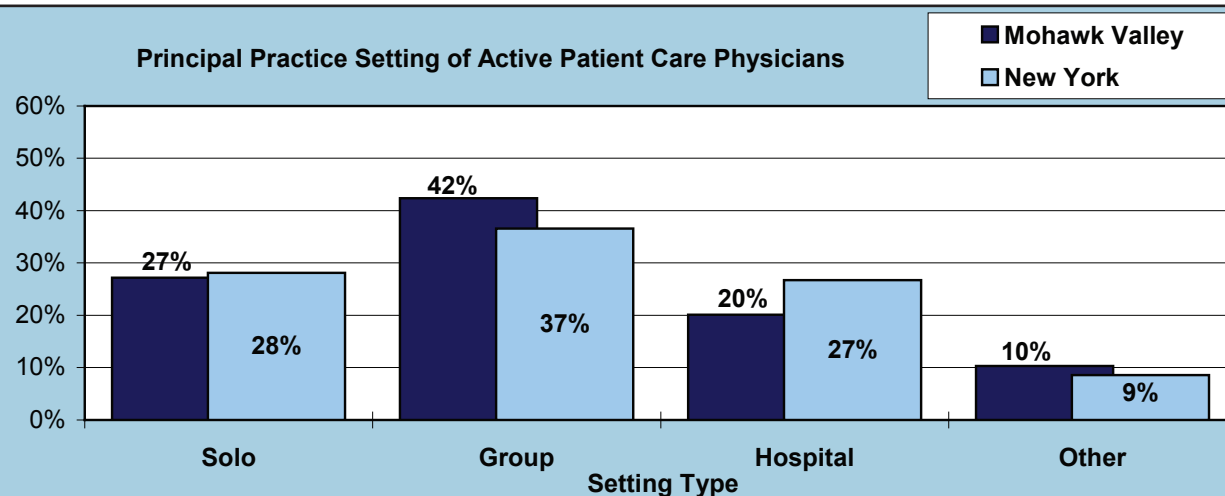
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**





# NEW YORK CITY



	<u>New York City</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	8,231,086	19,363,815	43%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	31,948	63,847	50%
FTE (i.e., full-time equivalents)	27,366	57,647	47%
Average Age	51	51	
Percent Female	34%	31%	
Percent Underrepresented Minority	13%	10%	
Percent International Medical School Grads	40%	36%	
Percent NY Medical School Grads	35%	38%	
Percent with Residency Training in NY	83%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	9,332	8,093	113	98	425	265	3%	2%
Non-Primary Care	22,616	19,273	275	234	1,863	1,399	7%	6%
Ob/Gyn	1,726	1,512	21	18	100	25	5%	0%
IM Specialties	4,683	3,996	57	49	483	477	10%	12%
General Surgery	700	623	9	8	-22	-54	-4%	-9%
Surgical Specialties	3,258	3,019	40	37	251	189	7%	5%
Facility Based	3,605	3,450	44	42	434	428	12%	12%
Psychiatry	3,844	3,003	47	36	278	160	6%	4%
Total (All Physicians)	31,948	27,366	388	332	2,287	1,664	6%	5%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	500,333	1,743,516	525,978	2,769,827	34%
Other Race/Ethnicity	1,653,719	3,319,263	488,277	5,461,259	66%
<b>Total</b>	<b>2,154,052</b>	<b>5,062,779</b>	<b>1,014,255</b>	<b>8,231,086</b>	
<b>% of Pop.</b>	<b>26%</b>	<b>62%</b>	<b>12%</b>		<b>100%</b>
Percent in Poverty 2005	19.0				
Unemployment Rate 2006*	5.0				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

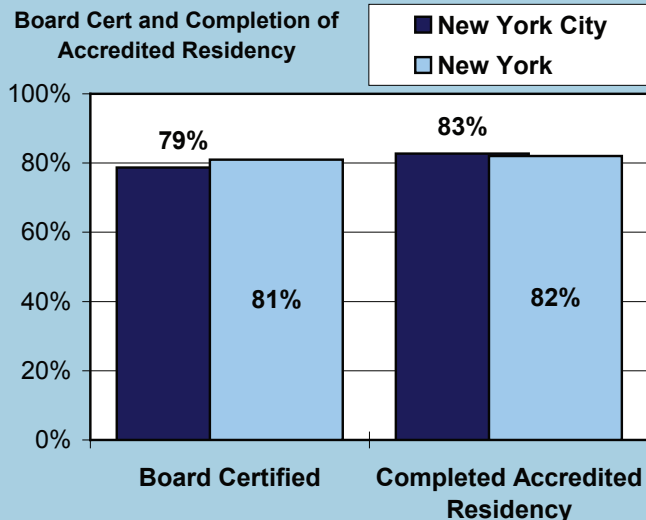
Total Births	119,430	(14.5)	Total Deaths	54,190	(659.7)
Births < 2500 gms	10,521	(8.8)	Heart Disease	21,677	(263.9)
Total Pregnancies	213,815	(114.9)	Lung Cancer	2,764	(33.7)
Teen Pregnancies (ages 15-19)	23,100	(86.2)	Cerebrovascular Disease	1,710	(20.8)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

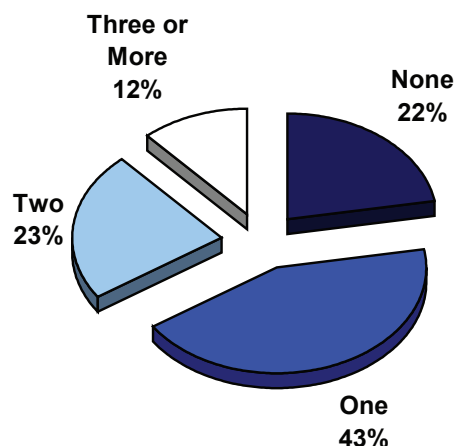
## NEW YORK CITY



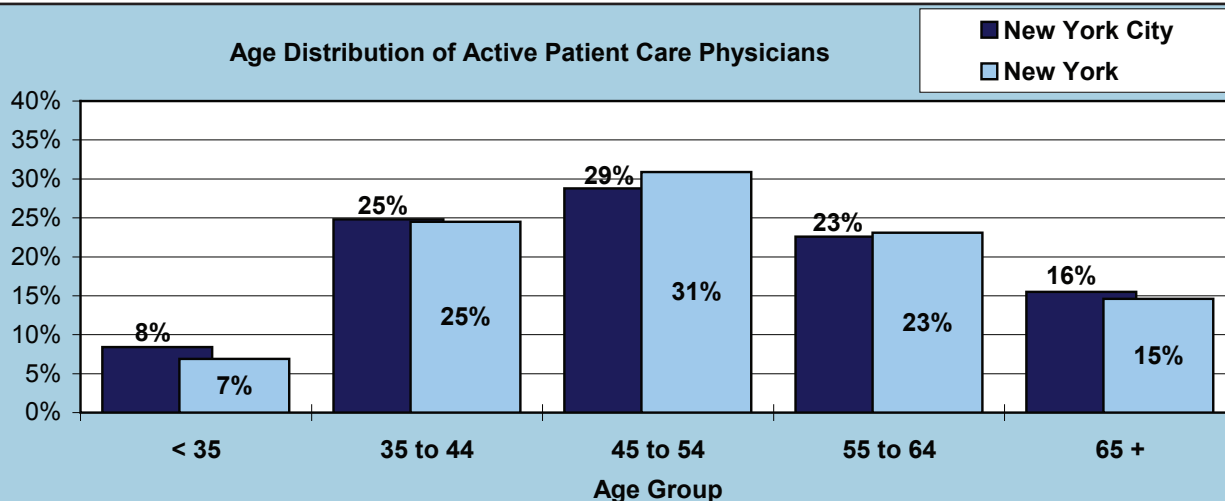
**Board Cert and Completion of Accredited Residency**



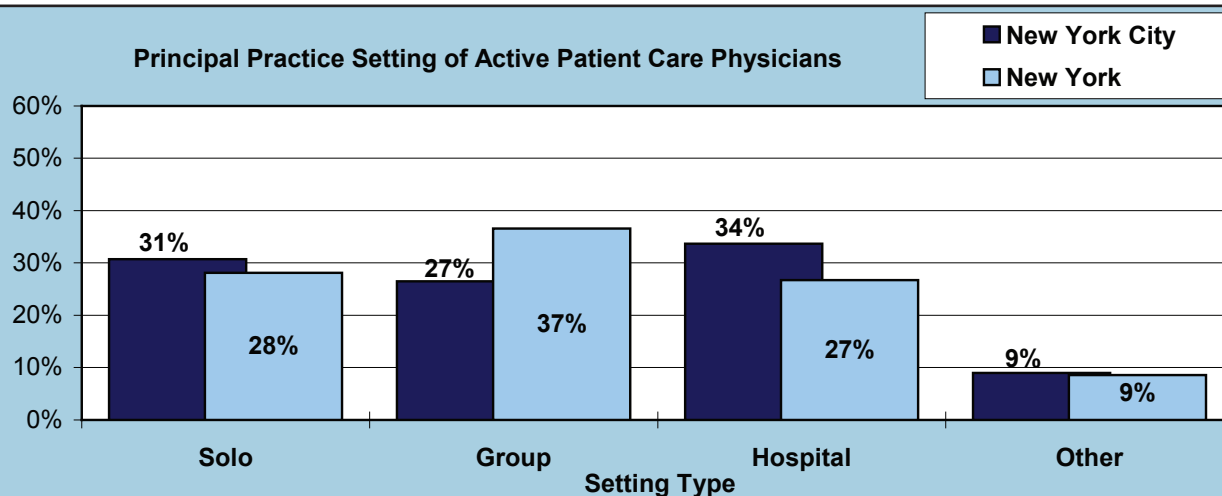
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



# NORTH COUNTRY



	<u>North Country</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	433,575	19,363,815	2%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	789	63,847	1%
FTE (i.e., full-time equivalents)	812	57,647	1%
Average Age	54	51	
Percent Female	22%	31%	
Percent Underrepresented Minority	7%	10%	
Percent International Medical School Grads	26%	36%	
Percent NY Medical School Grads	25%	38%	
Percent with Residency Training in NY	42%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	286	296	66	68	-13	-7	-6%	-4%
Non-Primary Care	503	517	116	119	56	43	11%	8%
<i>Ob/Gyn</i>	52	55	12	13	10	6	23%	10%
<i>IM Specialties</i>	56	57	13	13	14	9	32%	18%
<i>General Surgery</i>	34	39	8	9	3	5	7%	14%
<i>Surgical Specialties</i>	90	101	21	23	3	5	3%	4%
<i>Facility Based</i>	99	111	23	26	7	7	6%	5%
<i>Psychiatry</i>	57	57	13	13	6	11	10%	23%
Total (All Physicians)	789	812	182	187	43	36	4%	3%

\*Other physician specialties are not displayed but are included in the non-primary care total.

## Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	94,467	240,864	56,934	392,265	90%
Other Race/Ethnicity	12,141	28,399	770	41,310	10%
<i>Total</i>	<i>106,608</i>	<i>269,263</i>	<i>57,704</i>	<i>433,575</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>62%</i>	<i>13%</i>		<i>100%</i>
Percent in Poverty 2005	14.8				
Unemployment Rate 2006*	5.6				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

## Health Status Indicators (2006)\*

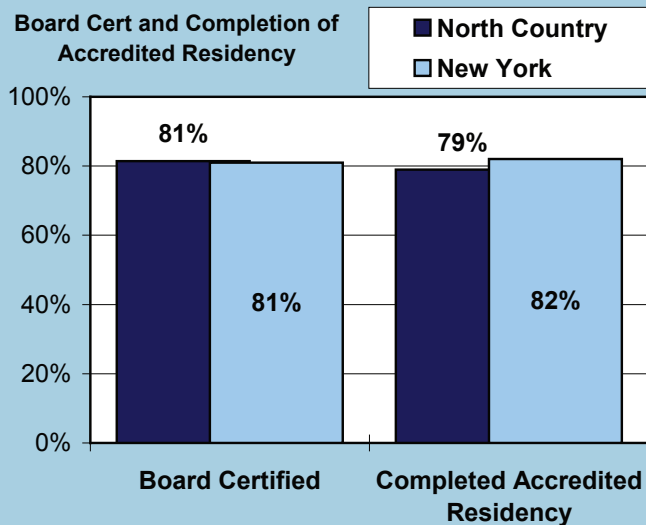
Total Births	4,961	(11.6)	Total Deaths	3,618	(843.0)
Births < 2500 gms	359	(7.3)	Heart Disease	922	(214.8)
Total Pregnancies	6,039	(68.2)	Lung Cancer	290	(67.6)
Teen Pregnancies (ages 15-19)	636	(40.8)	Cerebrovascular Disease	176	(41.0)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

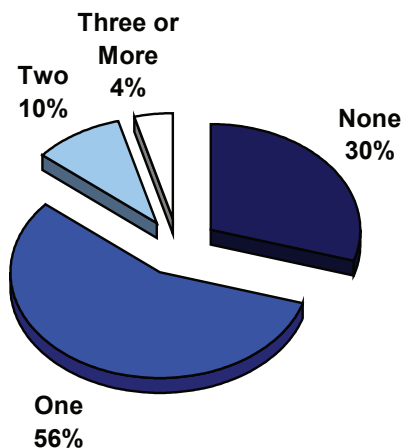
## NORTH COUNTRY



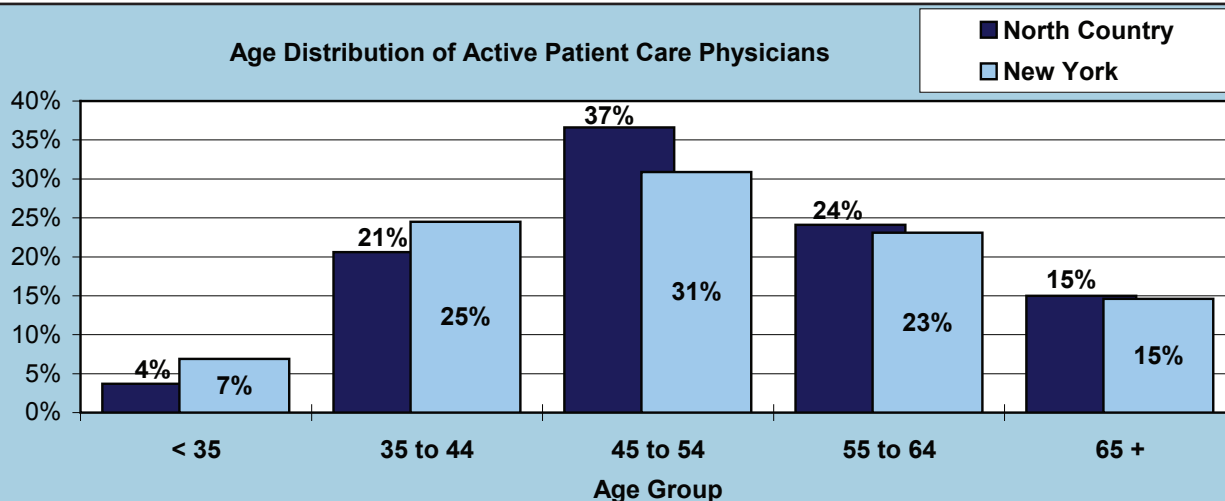
**Board Cert and Completion of Accredited Residency**



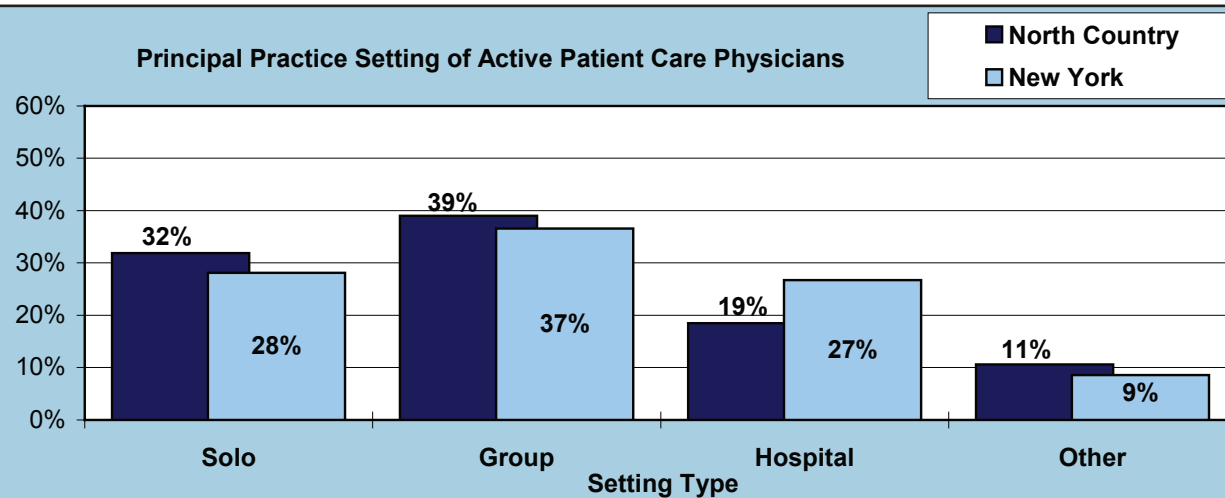
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



## SOUTHERN TIER



	<u>Southern Tier</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	716,935	19,363,815	4%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	1,695	63,847	3%
FTE (i.e., full-time equivalents)	1,717	57,647	3%
Average Age	52	51	
Percent Female	22%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical School Grads	29%	36%	
Percent NY Medical School Grads	31%	38%	
Percent with Residency Training in NY	49%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	588	573	82	80	5	1	1%	1%
Non-Primary Care	1,108	1,144	155	160	55	58	6%	6%
<i>Ob/Gyn</i>	87	94	12	13	4	3	5%	4%
<i>IM Specialties</i>	196	204	27	28	16	16	9%	9%
<i>General Surgery</i>	57	63	8	9	-15	-9	-20%	-13%
<i>Surgical Specialties</i>	211	225	29	31	10	2	5%	1%
<i>Facility Based</i>	244	266	34	37	41	43	21%	20%
<i>Psychiatry</i>	118	109	16	15	1	1	2%	1%
Total (All Physicians)	1,695	1,717	236	239	60	59	4%	4%

\*Other physician specialties are not displayed but are included in the non-primary care total.

### Selected Population Characteristics\*

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	151,617	390,357	106,607	648,581	90%
Other Race/Ethnicity	26,681	39,080	2,593	68,354	10%
<i>Total</i>	<i>178,298</i>	<i>429,437</i>	<i>109,200</i>	<i>716,935</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>60%</i>	<i>15%</i>		<i>100%</i>
Percent in Poverty 2005	14.6				
Unemployment Rate 2006*	4.6				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

### Health Status Indicators (2006)\*

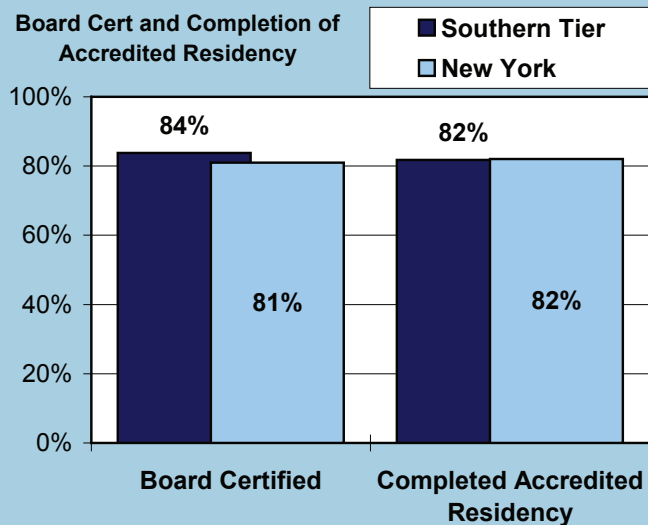
Total Births	7,424	(10.4)	Total Deaths	6,771	(946.2)
Births < 2500 gms	589	(7.9)	Heart Disease	1,976	(276.2)
Total Pregnancies	9,688	(63.3)	Lung Cancer	465	(65.0)
Teen Pregnancies (ages 15-19)	1,086	(36.4)	Cerebrovascular Disease	323	(45.1)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

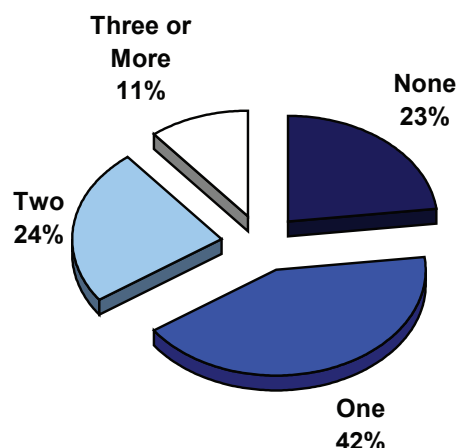
## SOUTHERN TIER



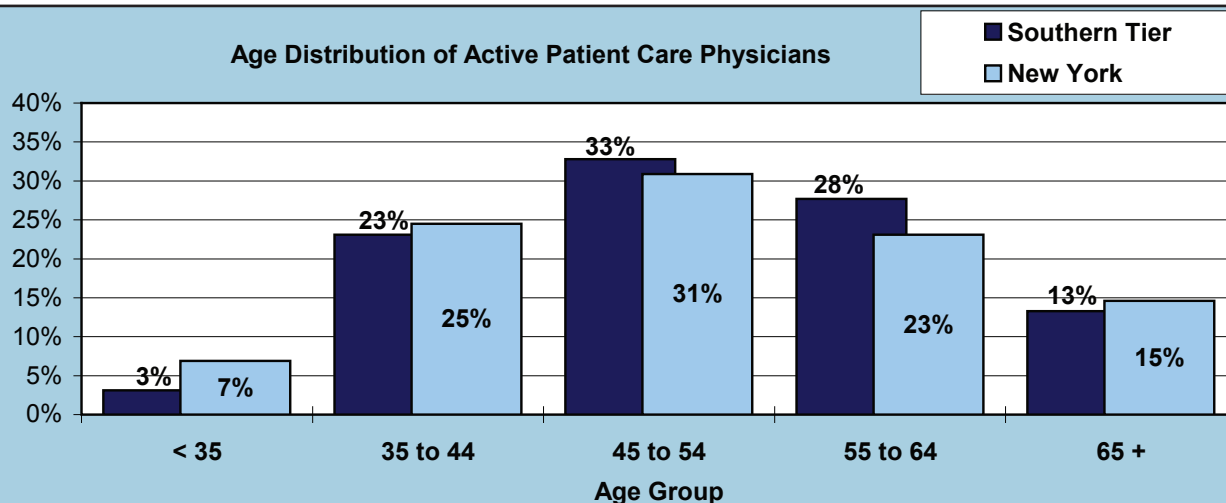
**Board Cert and Completion of Accredited Residency**



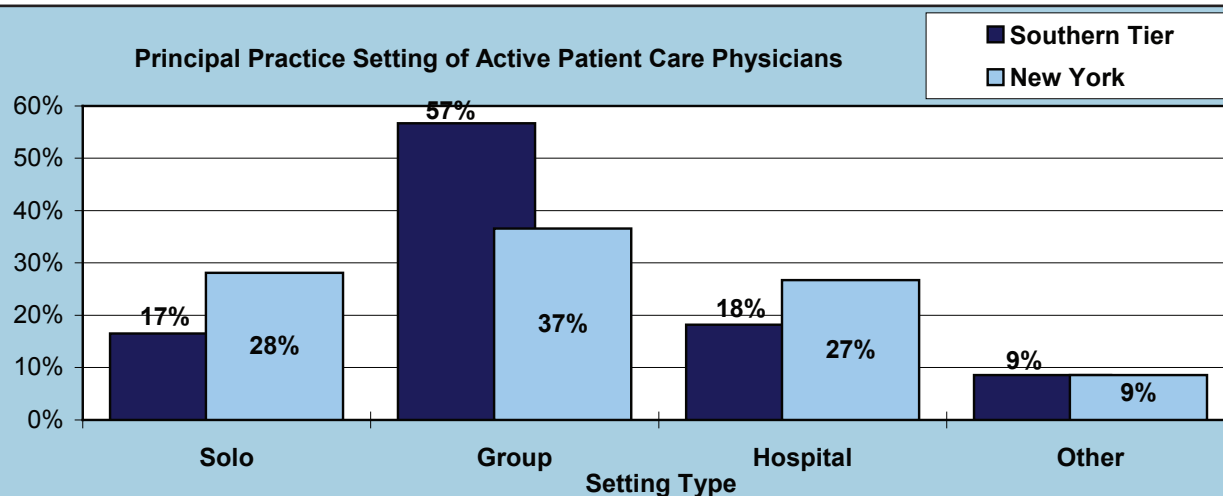
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**



## WESTERN NEW YORK



	<u>Western New York</u>	<u>New York</u>	<u>% of New York</u>
<b>2007 Population</b>	1,409,182	19,363,815	7%
<b>Profile of Active Patient Care Physicians, 2007</b>			
Number of Physicians	3,364	63,847	5%
FTE (i.e., full-time equivalents)	3,220	57,647	6%
Average Age	52	51	
Percent Female	24%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical School Grads	33%	36%	
Percent NY Medical School Grads	42%	38%	
Percent with Residency Training in NY	69%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2007</u>				<u>Change in Supply, 2003-2007</u>			
	<u>Counts</u>		<u>Per 100k Pop.</u>		<u>Counts</u>		<u>% Per 100k Pop.</u>	
	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>	<u>Phys</u>	<u>FTEs</u>
Primary Care	1,091	1,041	77	74	-14	12	0%	3%
Non-Primary Care	2,274	2,179	161	155	54	52	4%	4%
<i>Ob/Gyn</i>	181	184	13	13	6	9	5%	7%
<i>IM Specialties</i>	410	394	29	28	28	23	9%	8%
<i>General Surgery</i>	115	114	8	8	11	4	12%	5%
<i>Surgical Specialties</i>	435	443	31	31	3	3	2%	2%
<i>Facility Based</i>	436	458	31	32	-7	1	0%	2%
<i>Psychiatry</i>	179	155	13	11	-4	-11	0%	-5%
Total (All Physicians)	3,364	3,220	239	229	40	64	3%	4%

\*Other physician specialties are not displayed but are included in the non-primary care total.

<b>Selected Population Characteristics*</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	271,072	703,656	201,962	1,176,690	84%
Other Race/Ethnicity	83,409	129,984	19,099	232,492	16%
<i>Total</i>	<i>354,481</i>	<i>833,640</i>	<i>221,061</i>	<i>1,409,182</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>59%</i>	<i>16%</i>		<i>100%</i>
Percent in Poverty 2005	13.3				
Unemployment Rate 2006*	5.0				

\*Population data are for the year 2007 and unemployment rate is per 100 persons in the labor force.

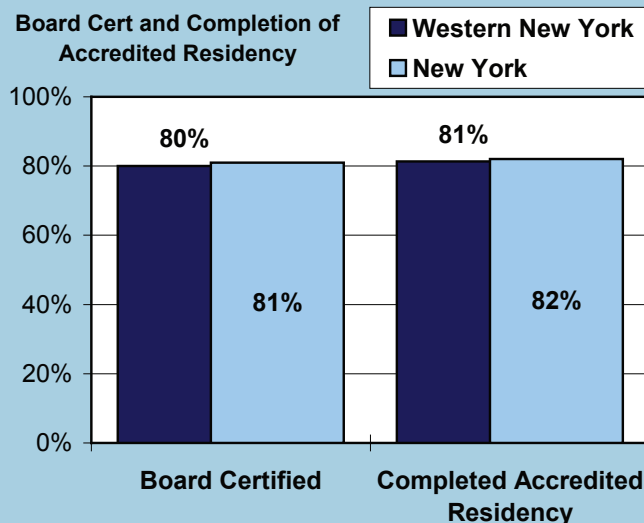
<b>Health Status Indicators (2006)*</b>					
Total Births	15,210	(10.8)	Total Deaths	14,324	(1,019.8)
Births < 2500 gms	1,288	(8.5)	Heart Disease	4,195	(298.7)
Total Pregnancies	21,699	(77.5)	Lung Cancer	970	(69.1)
Teen Pregnancies (ages 15-19)	2,615	(50.3)	Cerebrovascular Disease	777	(55.3)

\*Rates appear in parentheses. Birth rate is live births per 1k pop., low birthweight rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.

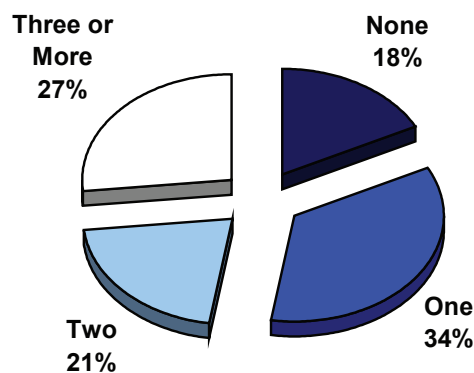
## WESTERN NEW YORK



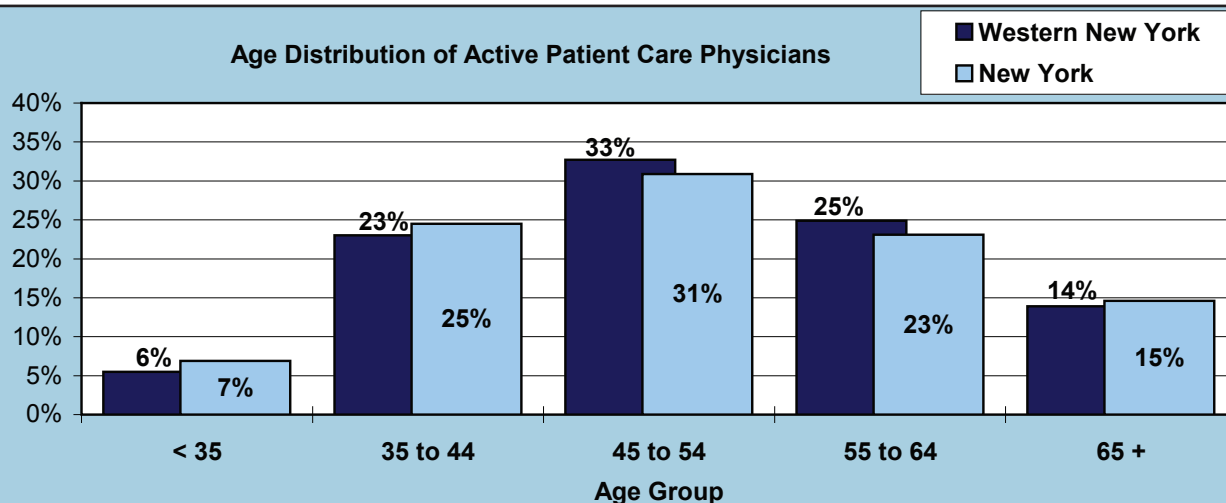
**Board Cert and Completion of Accredited Residency**



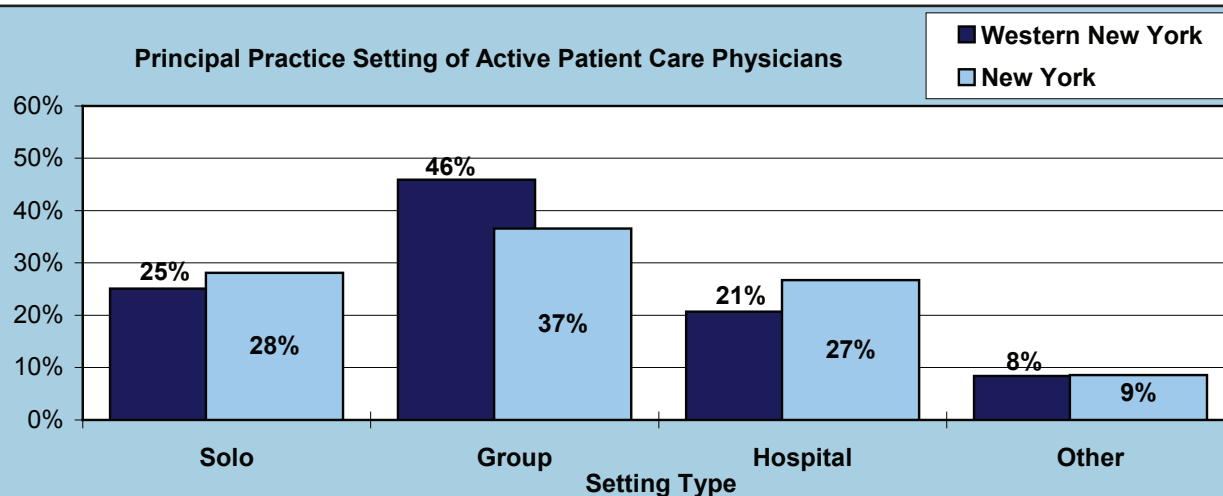
**Number of Hospitals to Which Physicians Have Admitting Privileges**



**Age Distribution of Active Patient Care Physicians**



**Principal Practice Setting of Active Patient Care Physicians**





## ***MEDICAL SPECIALTY GROUP PROFILES***



## MEDICAL SPECIALTY GROUP PROFILES

This section presents a series of statistical profiles, one for each medical specialty group identified below (see Table 2). Each profile displays basic data on the number of physicians in and demographic composition of the specialty groups, as well as tabulations describing practice patterns. The tabulations are estimates for active patient care physicians. Physicians who reported no patient care hours were excluded from the tabulations, as were medical residents.

**Table 2. Medical Specialty Groups**

<u>Medical Specialty Group</u>	<u>Specialties Included</u>
Primary Care	Family Medicine, General Internal Medicine, and General Pediatrics
Obstetrics/Gynecology	Obstetrics and Gynecology and Gynecology
IM Specialties	Cardiovascular Disease, Critical Care, Endocrinology and Metabolism, Gastroenterology, Geriatrics, Infectious Disease, Nephrology, Pulmonary Disease, Rheumatology, Medical Oncology, Other IM Specialties
General Surgery	General Surgery
Surgical Specialties	Ophthalmology, Otolaryngology, Neurological Surgery, Orthopedic Surgery, Plastic Surgery, Thoracic Surgery, Urology, and Other Surgical Specialties
Facility Based	Anesthesiology, Pathology, and Radiology
Psychiatry	Adult Psychiatry and Child and Adolescent Psychiatry
Other	Allergy and Immunology, Dermatology, Emergency Medicine, Neurology, Occupational Medicine, Pediatric Subspecialty, Physical Medicine and Rehabilitation, Preventive Medicine, and Other



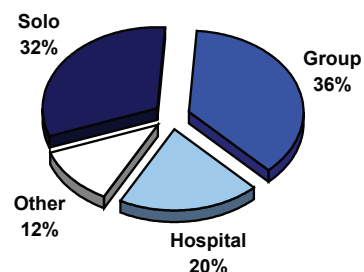
## PRIMARY CARE



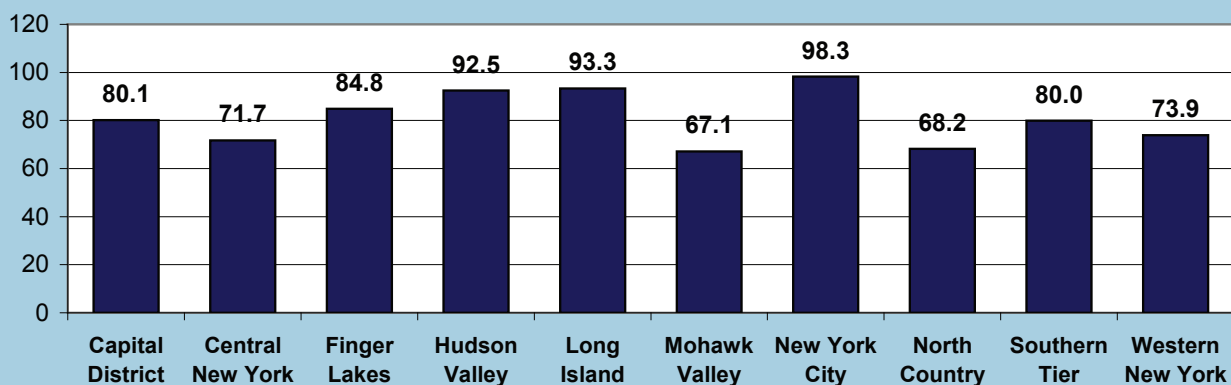
### Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	19,332	(30.3%)
Patient Care FTE in Specialty* (% of All Spec)	17,455	(30.3%)
Average Age	51	51
Percent Female	37%	31%
Percent Underrepresented Minority	13%	10%
Percent Int'l Medical School Graduate	45%	36%
Percent Board Certified	79%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	11,792	
# of Hospitals to Which Drs Have Admitting Privileges		
None	16%	21%
One Hospital	47%	40%
Two or More Hospitals	38%	38%

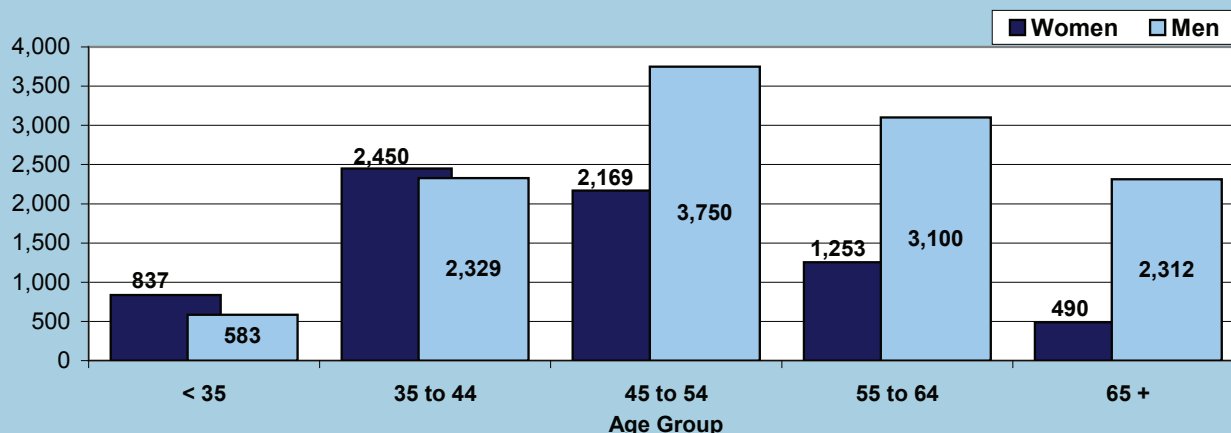
### Principal Practice Setting



### Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



### Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



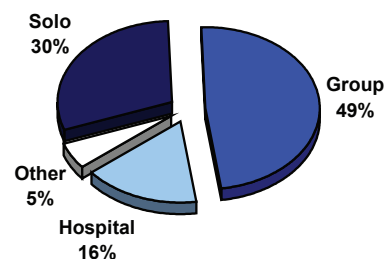
# OBSTETRICS/GYNECOLOGY



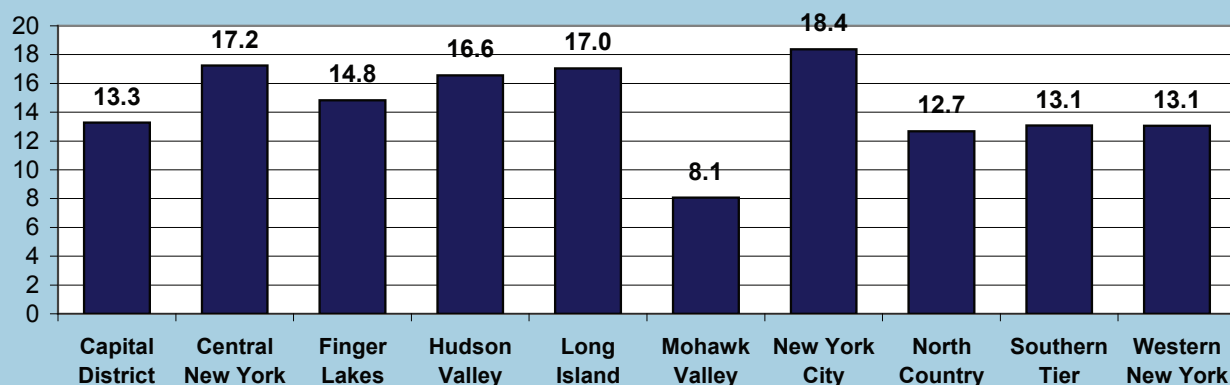
## Active Patient Care Physicians, 2007

	Spec	All Spec
Physicians in Specialty* (% of All Spec)	3,413	(5.3%)
Patient Care FTE in Specialty* (% of All Spec)	3,184	(5.5%)
Average Age	51	51
Percent Female	43%	31%
Percent Underrepresented Minority	16%	10%
Percent Int'l Medical School Graduate	32%	36%
Percent Board Certified	81%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	1,270	
# of Hospitals to Which Drs Have Admitting Privileges		
None	7%	21%
One Hospital	46%	40%
Two or More Hospitals	48%	38%

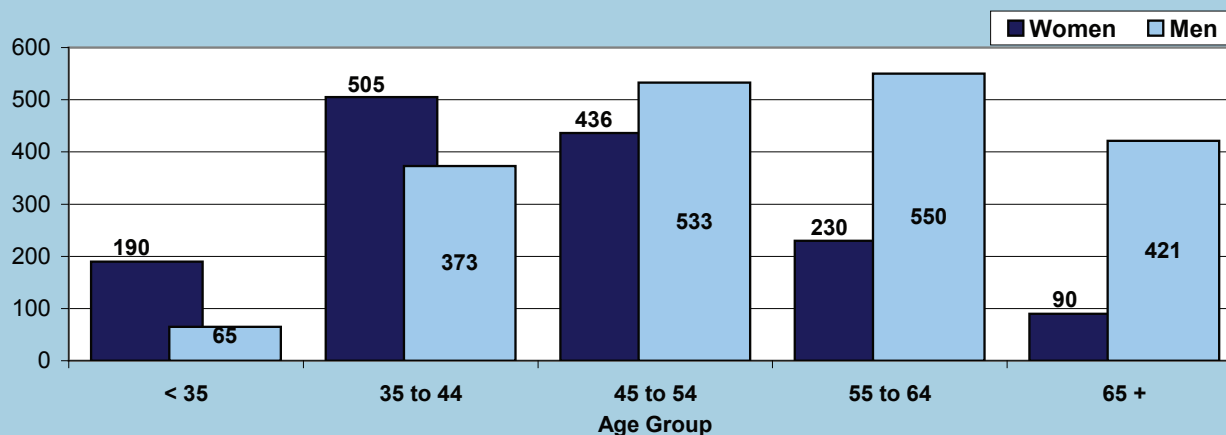
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



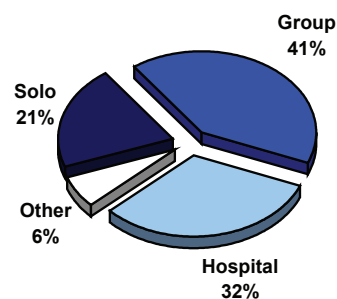
# INTERNAL MEDICINE SPECIALTIES



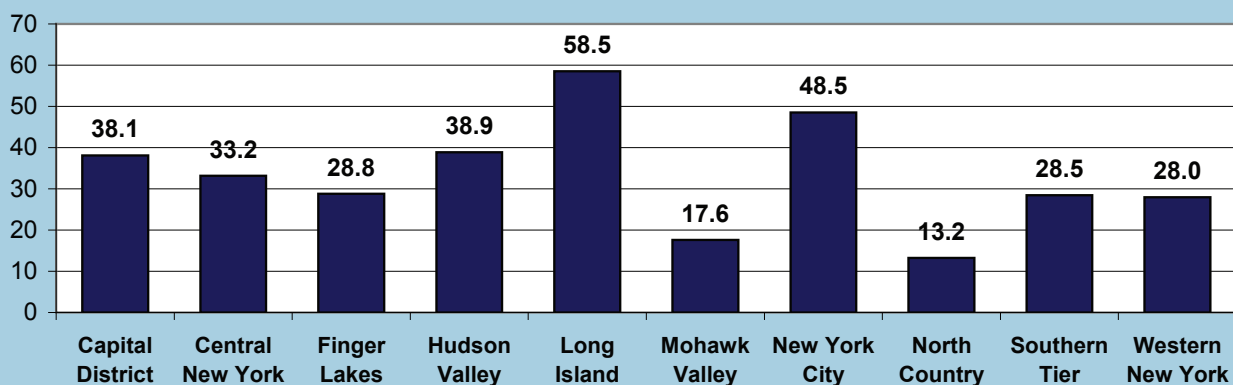
## Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	8,888	(13.9%)
Patient Care FTE in Specialty* (% of All Spec)	8,260	(14.3%)
Average Age	50	51
Percent Female	23%	31%
Percent Underrepresented Minority	7%	10%
Percent Int'l Medical School Graduate	32%	36%
Percent Board Certified	85%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	6,166	
# of Hospitals to Which Drs Have Admitting Privileges		
None	12%	21%
One Hospital	39%	40%
Two or More Hospitals	49%	38%

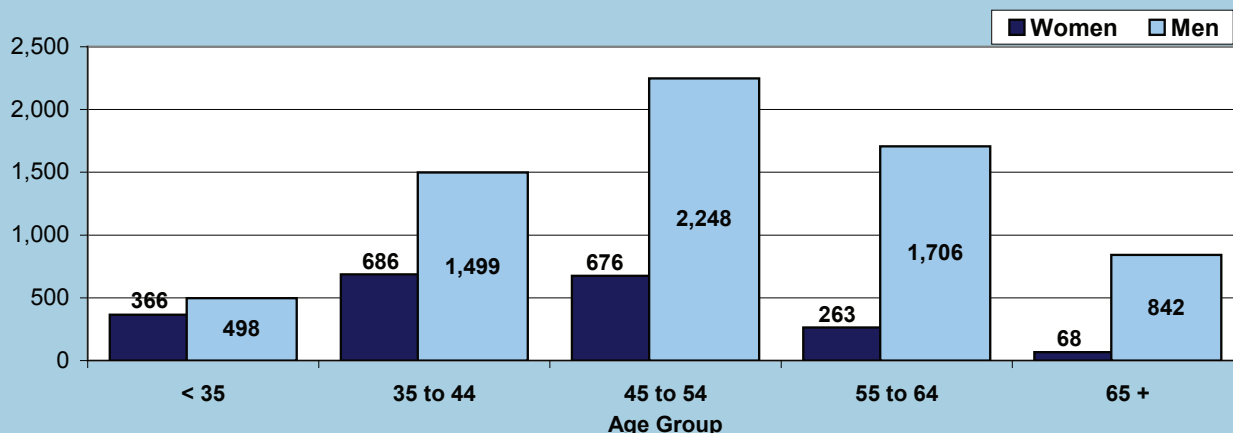
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



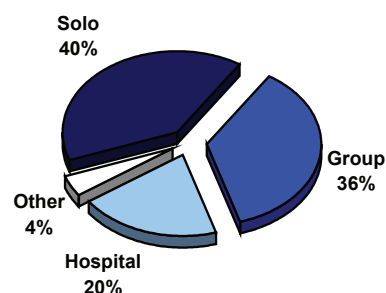
# GENERAL SURGERY



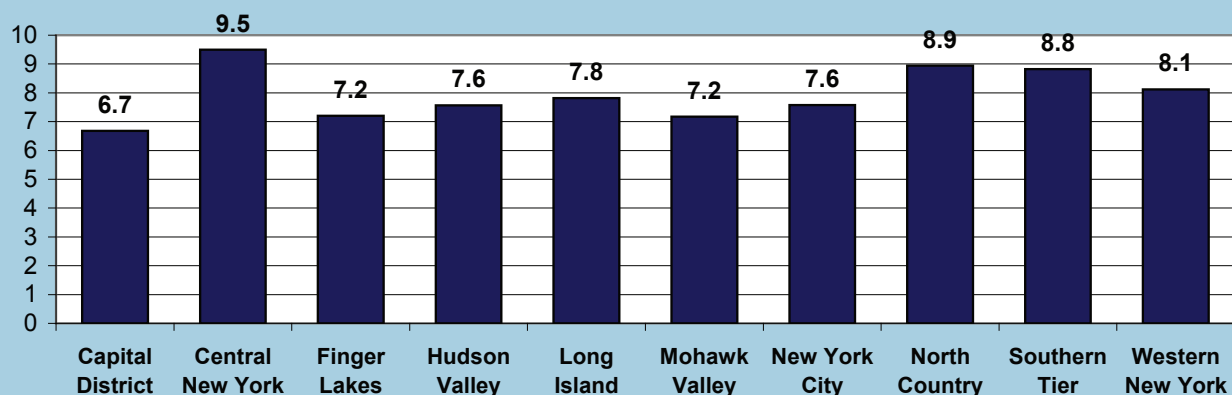
## Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	1,572	(2.5%)
Patient Care FTE in Specialty* (% of All Spec)	1,493	(2.6%)
Average Age	55	51
Percent Female	11%	31%
Percent Underrepresented Minority	12%	10%
Percent Int'l Medical School Graduate	39%	36%
Percent Board Certified	84%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	882	
# of Hospitals to Which Drs Have Admitting Privileges		
None	9%	21%
One Hospital	38%	40%
Two or More Hospitals	53%	38%

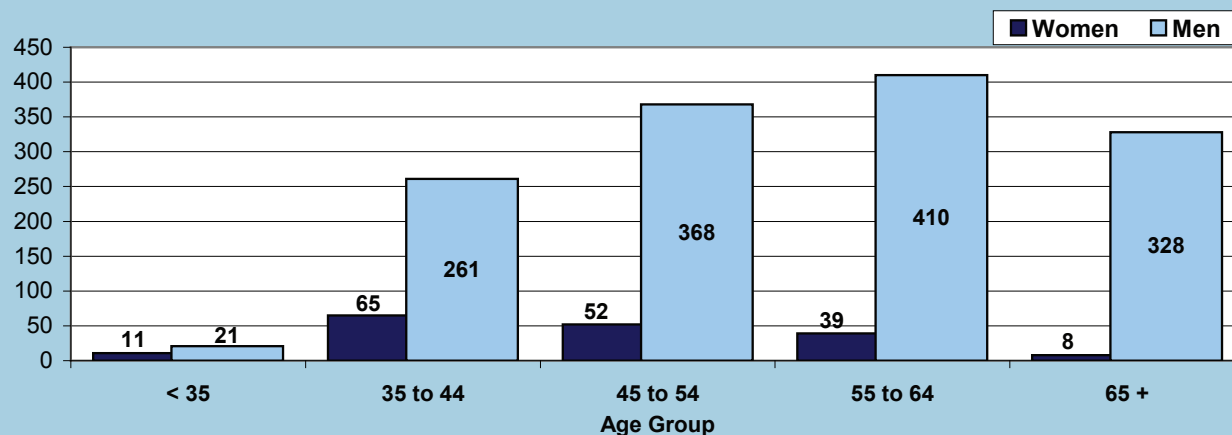
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007





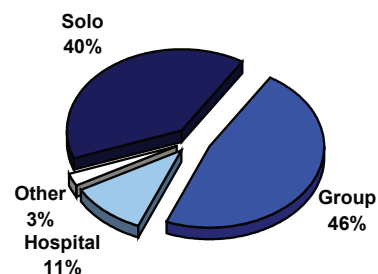
# SURGICAL SPECIALTIES



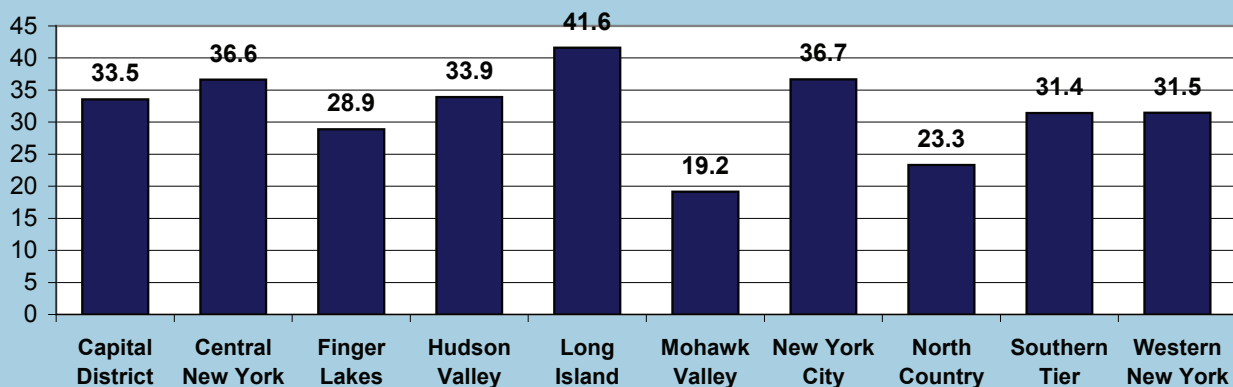
## Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	7,012	(11.0%)
Patient Care FTE in Specialty* (% of All Spec)	6,792	(11.8%)
Average Age	52	51
Percent Female	12%	31%
Percent Underrepresented Minority	6%	10%
Percent Int'l Medical School Graduate	17%	36%
Percent Board Certified	85%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	3,026	
# of Hospitals to Which Drs Have Admitting Privileges		
None	8%	21%
One Hospital	25%	40%
Two or More Hospitals	67%	38%

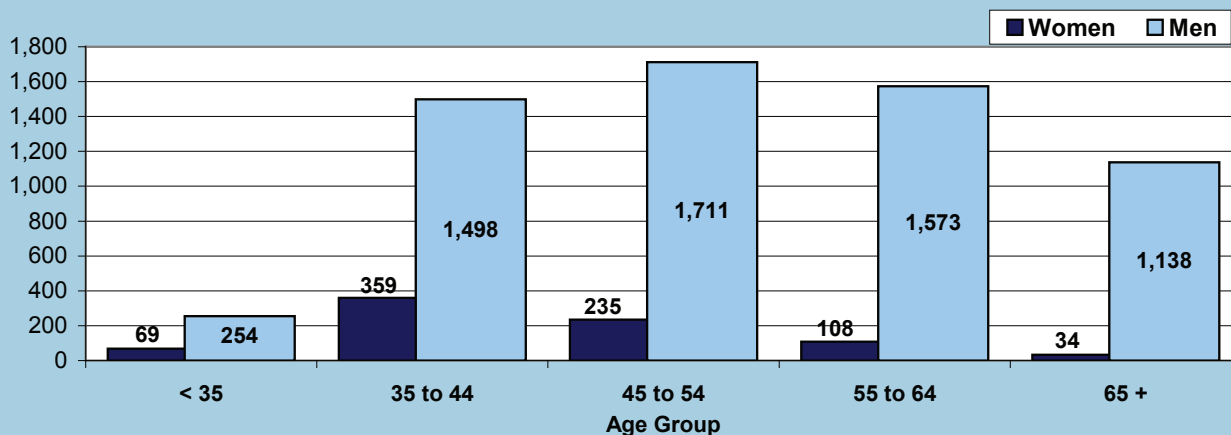
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



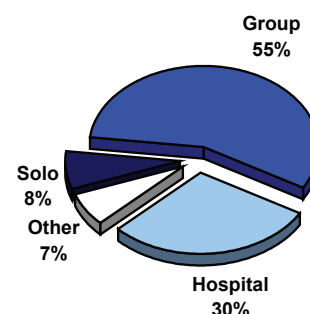
## FACILITY BASED



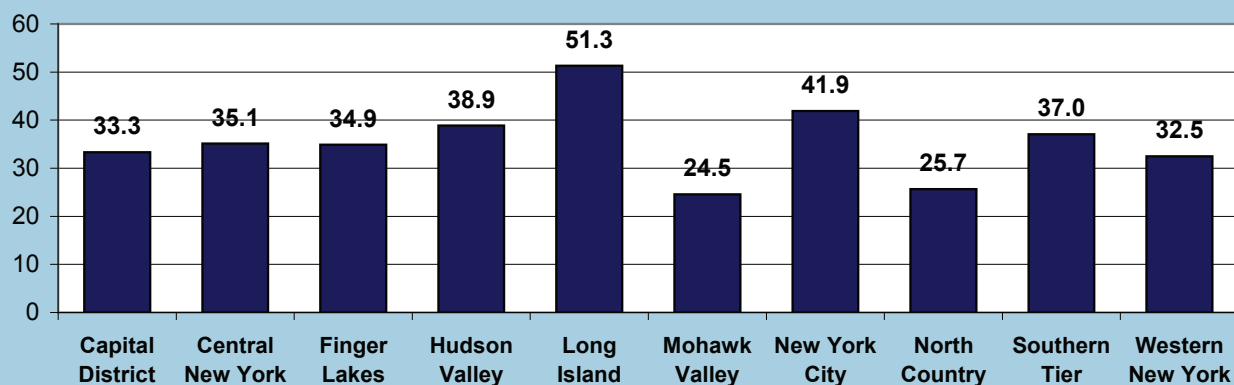
### Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	7,758	(12.2%)
Patient Care FTE in Specialty* (% of All Spec)	7,761	(13.5%)
Average Age	51	51
Percent Female	29%	31%
Percent Underrepresented Minority	7%	10%
Percent Int'l Medical School Graduate	40%	36%
Percent Board Certified	84%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	2,860	
# of Hospitals to Which Drs Have Admitting Privileges		
None	46%	21%
One Hospital	34%	40%
Two or More Hospitals	19%	38%

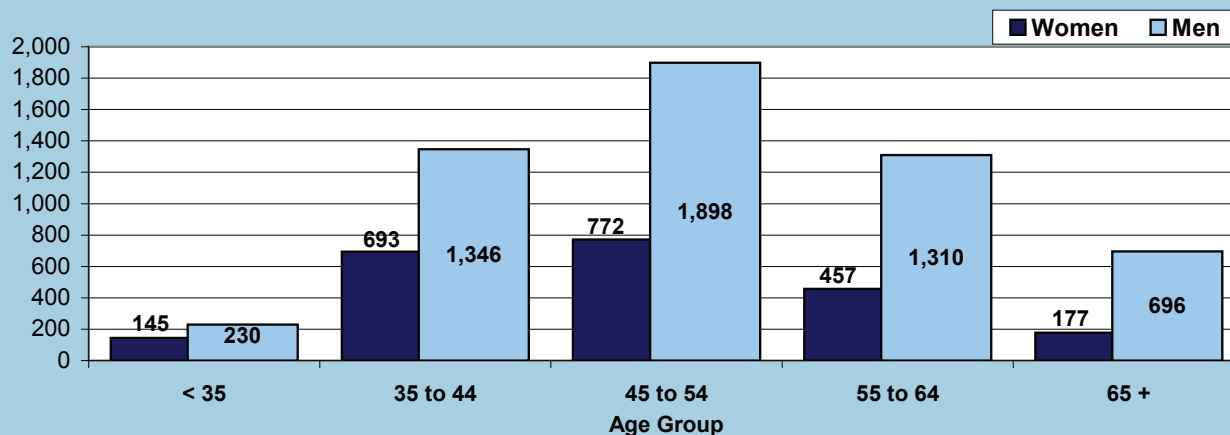
### Principal Practice Setting



### Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



### Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



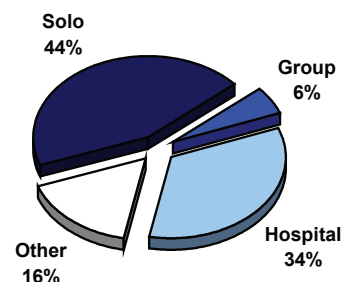
# PSYCHIATRY



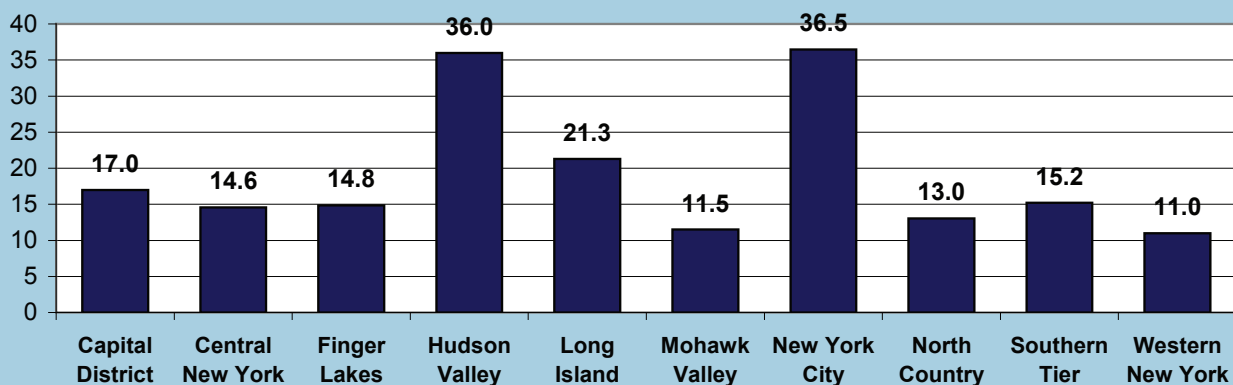
## Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	6,556	(10.3%)
Patient Care FTE in Specialty* (% of All Spec)	5,262	(9.1%)
Average Age	56	51
Percent Female	36%	31%
Percent Underrepresented Minority	11%	10%
Percent Int'l Medical School Graduate	40%	36%
Percent Board Certified	72%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	3,641	
# of Hospitals to Which Drs Have Admitting Privileges		
None	37%	21%
One Hospital	46%	40%
Two or More Hospitals	17%	38%

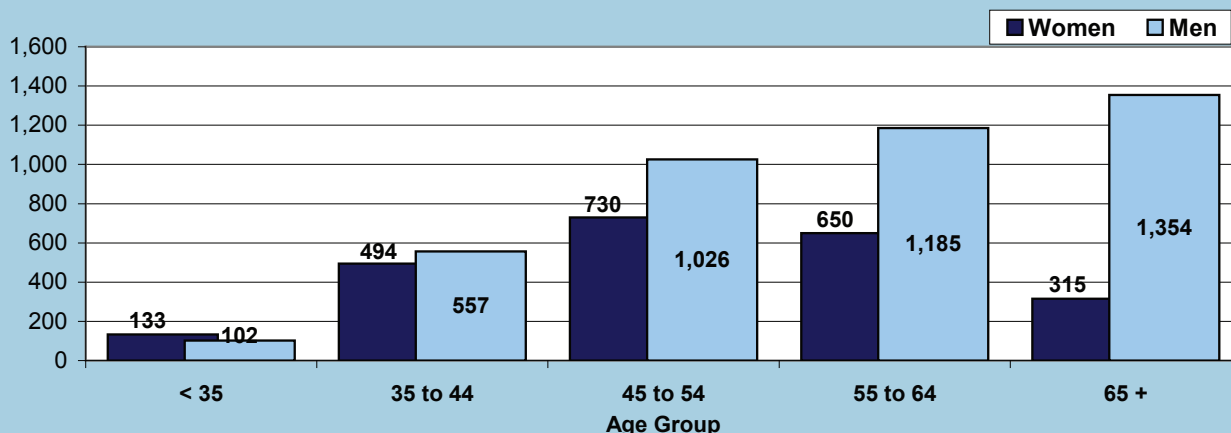
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



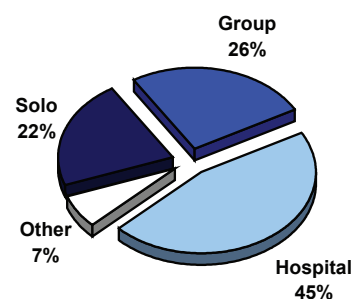
## OTHER SPECIALTIES



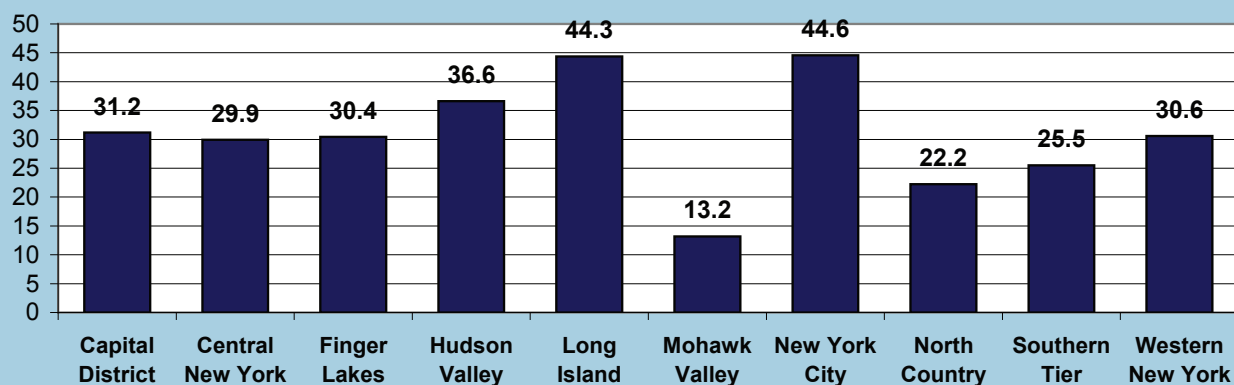
### Active Patient Care Physicians, 2007

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	9,316	(14.6%)
Patient Care FTE in Specialty* (% of All Spec)	7,440	(12.9%)
Average Age	50	51
Percent Female	34%	31%
Percent Underrepresented Minority	10%	10%
Percent Int'l Medical School Graduate	30%	36%
Percent Board Certified	80%	81%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	6,928	
# of Hospitals to Which Drs Have Admitting Privileges		
None	28%	21%
One Hospital	39%	40%
Two or More Hospitals	33%	38%

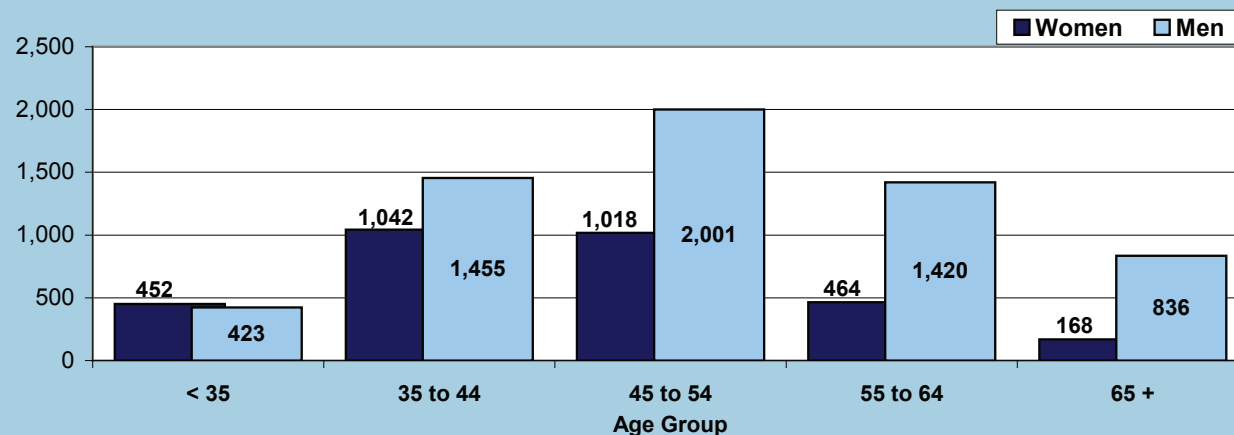
### Principal Practice Setting



### Active Patient Care FTEs per 100,000 Population by Region in New York, 2007



### Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2007



## ***APPENDIX A: SURVEY INSTRUMENT***



PRACTICE SPECIALTY(IES)  
IN WHICH YOU SPEND MOST OF YOUR  
PROFESSIONAL TIME

MARK ONE PRINCIPAL AND IF APPLICABLE, ONE  
SECONDARY

Principal

Secondary

☐ Allergy & Immunology

☐ Anesthesiology

☐ Dermatology

☐ Emergency Medicine

☐ Family Medicine

☐ General Practice

☐ Internal Medicine (General)

☐ Cardiovascular Disease

☐ Critical Care

☐ Endocrinology and Metabolism

☐ Gastroenterology

☐ Geriatrics

☐ Infectious Disease

☐ Medical Oncology

☐ Nephrology

☐ Pulmonary Disease

☐ Rheumatology

☐ Other Internal Medicine Sub-specialty

☐ Neurology

☐ Obstetrics and Gynecology

☐ Gynecology (Only)

☐ Occupational Medicine

☐ Ophthalmology

☐ Otolaryngology

☐ Pathology (General)

☐ Pathology (Sub-specialty)

☐ Pediatrics (General)

☐ Pediatric Sub-specialty

☐ Physical Medicine and Rehabilitation

☐ Preventive Medicine

☐ Psychiatry—Adult

☐ Psychiatry—Child & Adolescent

☐ Radiology—Diagnostic

☐ Radiology—Therapeutic

☐ Surgery (General)

☐ Surgery, Neurological

☐ Surgery, Orthopedic

☐ Surgery, Plastic

☐ Surgery, Thoracic

☐ Other Surgical Sub-specialty

☐ Urology

☐ Other

What percent of your direct patient care time is spent in  
your principal specialty?

- ☐ 0–20%  
☐ 21–40%  
☐ 41–60%  
☐ 61–80%  
☐ 81–100%

Training and Certification:

Completed Accredited  
Residency Program

Board Certified/Cert.  
of Added/Special  
Qualification

Principal Specialty ☐

☐

☐

Secondary Specialty ☐

In the next 12 months, do you plan to:  
(Please mark all that apply)

- ☐ retire from patient care?  
☐ significantly reduce patient care hours?  
☐ move your practice to another geographic location in NYS?  
☐ move your practice out of state?

Mark the response that best describes your patient care  
practice status or activities:

- ☐ I cannot accept any new/additional patients; my practice  
is full  
☐ I can accept some new/additional patients; my practice is  
nearly full  
☐ I can accept many new/additional patients; my  
practice is far from full  
☐ Not applicable

Do you use the Internet/email for any of the following:  
(Please mark all that apply)

- ☐ To obtain lab results, x-rays or hospital records?  
☐ To obtain information about treatment alternatives?  
☐ To communicate with/answer questions from your patients?  
☐ To obtain Continuing Medical Education credits?  
☐ To transmit prescriptions to pharmacies?

RACIAL/ETHNIC ORIGIN (MARK ONE)

- ☐ Native American or Alaskan Native  
☐ Asian or Pacific Islander  
☐ Black/African American (Not Hispanic)  
☐ Hispanic/Latino (Puerto Rican)  
☐ Hispanic/Latino (All other)  
☐ White (Not Hispanic)

New York State Education Department

PHYSICIAN SURVEY

2006–2008

This questionnaire is a supplemental part of your  
registration application. Complete and return it with  
your registration form and fee.

Your responses will be maintained in a strictly  
confidential manner by the Center for Health Workforce  
Studies (chws.albany.edu) at the University at Albany,  
SUNY. The responses will be analyzed and presented  
only in aggregate form.

Item 2 asks for your NYS license number. This is clearly  
indicated on the enclosed registration application.

Instructions

- Use a No. 2 pencil only.
- Make dark marks that completely fill the circle.
- Erase cleanly any answer you wish to change.
- Do not make any stray marks on this form.



CORRECT MARK

INCORRECT MARKS

DATE COMPLETING SURVEY:

1	
A	B
<input type="radio"/> Jan	<input type="radio"/> May
<input type="radio"/> Feb	<input type="radio"/> Jun
<input type="radio"/> Mar	<input type="radio"/> Jul
<input type="radio"/> Apr	<input type="radio"/> Aug
	<input type="radio"/> Sep
	<input type="radio"/> Oct
	<input type="radio"/> Nov
	<input type="radio"/> Dec
	<input type="radio"/> 2006
	<input type="radio"/> 2007
	<input type="radio"/> 2008

2 NYS LICENSE NO.

--	--	--	--	--	--	--	--	--	--

3 GENDER

Male ☐

Female ☐

4 YR OF BIRTH

1	9		
---	---	--	--

(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)

(0)	(0)		
(1)	(1)		
(2)	(2)		
(3)	(3)		
(4)	(4)		
(5)	(5)		
(6)	(6)		
(7)	(7)		
(8)	(8)		
(9)	(9)		

5

CURRENT WORK STATUS IN MEDICINE

- ☐ Full-Time (30 hours or more per week)
- ☐ Part-Time (less than 30 hours per week)
- ☐ Inactive in Medicine
- ☐ Retired

NOTE: If you are inactive in medicine or retired, STOP HERE and return the questionnaire to the State Education Department.

10

PATIENT CARE: Practice Locations

Location of sites where you spend the most time providing direct patient care. Print the address of your practice location(s) including your 5-digit zip code. Also, indicate the average hours per week you spend at each practice location.

Principal Location

- ☐ Resident ☐ Fellow ☐ Neither

6

CURRENT TRAINING STATUS

7

CURRENT ACTIVITIES IN MEDICINE

Please indicate hours per week in medicine for which the major activity is:

	Hours/Week				
	None	1-9	10-19	20-39	40+
Patient Care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Administration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8

LOCATION OF SCHOOLING

Residence on Graduation from High School	Location of Medical School from which You Graduated	Location of most recent Residency Training
<input type="radio"/>	<input type="radio"/> New York State	<input type="radio"/>
<input type="radio"/>	<input type="radio"/> Other United States	<input type="radio"/>
<input type="radio"/>	<input type="radio"/> Canada	<input type="radio"/>
<input type="radio"/>	<input type="radio"/> Other Foreign	<input type="radio"/>

9

MEDICAL SCHOOL

- ☐ Allopathic ☐ Osteopathic

If NEW YORK STATE, indicate school:

- ☐ Albany Medical College ☐ New York Medical College
- ☐ Albert Einstein (Yeshiva University) ☐ New York University
- ☐ Columbia University ☐ SUNY Brooklyn
- ☐ Cornell University ☐ SUNY at Buffalo
- ☐ Mount Sinai School of Medicine ☐ SUNY at Stony Brook
- ☐ New York College of Osteopathic Medicine ☐ SUNY Syracuse
- ☐ University of Rochester

11

At your principal practice location, do you supervise other physicians?

- ☐ Yes ☐ No

12

Number of hospitals in New York State at which you have admitting privileges:

- ☐ None ☐ Two
- ☐ One ☐ Three or more

13

PATIENT CARE: Practice Settings

What best describes the patient care practices in question 10? Mark one circle for principal and one for secondary practice location where applicable.

Principal	Secondary
<input type="radio"/>	<input type="radio"/> Solo Practice
<input type="radio"/>	<input type="radio"/> Physician Partnership
<input type="radio"/>	<input type="radio"/> Group Practice—Owner/Operator
<input type="radio"/>	<input type="radio"/> Group Practice—Employee/Staff
<input type="radio"/>	<input type="radio"/> Free-Standing Health Center or Clinic (D & TC)
<input type="radio"/>	<input type="radio"/> Staff Model HMO
<input type="radio"/>	<input type="radio"/> Hospital—Inpatient
<input type="radio"/>	<input type="radio"/> Hospital—OPD
<input type="radio"/>	<input type="radio"/> Hospital—Satellite
<input type="radio"/>	<input type="radio"/> Hospital—Emergency Room
<input type="radio"/>	<input type="radio"/> Nursing Home
<input type="radio"/>	<input type="radio"/> Home Health
<input type="radio"/>	<input type="radio"/> State or Local Health Dept.
<input type="radio"/>	<input type="radio"/> Other Setting

14

What percent of your patients have the following primary source of payment?

	Medicare	Medicaid	Self-Pay	All Other
0–2%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3–9%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10–19%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20–29%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
30–39%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
40–49%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
50–59%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
60–79%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
80–100%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



## ***APPENDIX B: DATA AND METHODS***



## APPENDIX B: DATA AND METHODS

### 1. File Descriptions

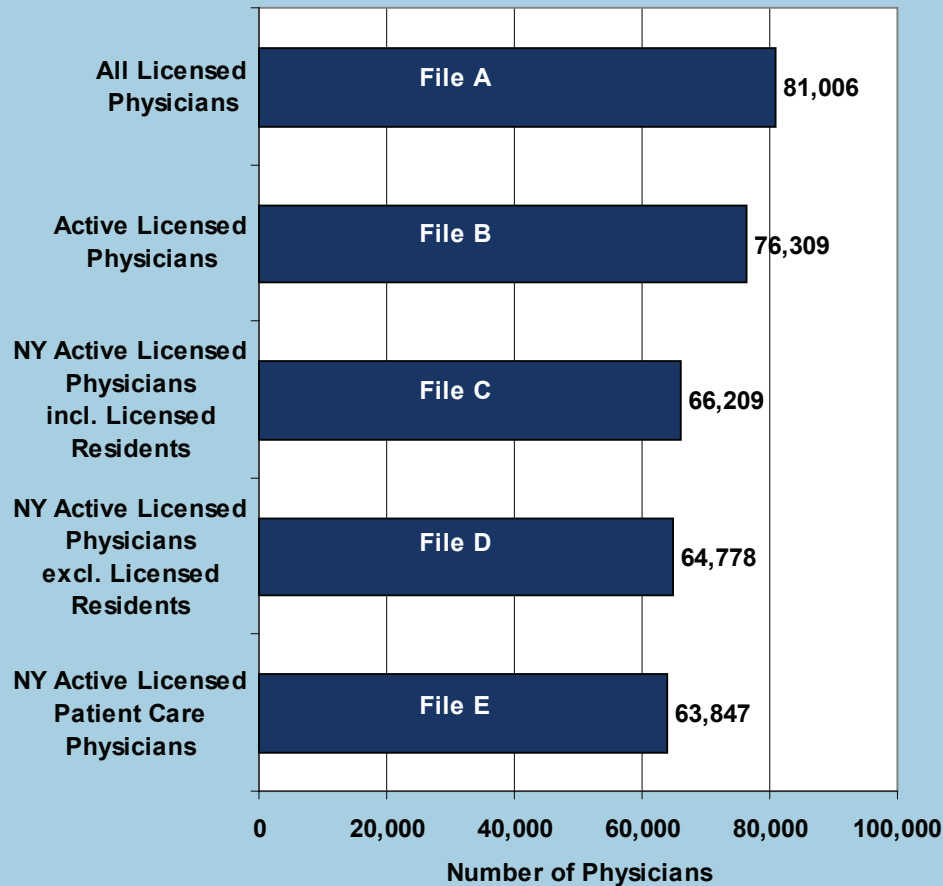
Five different data files were created from the survey response data. All of the tabulations in this report are of active patient care physicians (File E). Since File E was created by adjusting the other four files, each of the files is described below. State physician estimates for each of the files are presented in Figure 1.

<b>A</b>	<b>Baseline Survey Response File (All Licensed Physicians)</b>	<b>66,843</b>
	<i>Less Inactive and Retired Work Status (Q5) and less Blank Work Status with no Practice Location (Q10) and no Patient Care Hours (Q7)</i>	<b><u>-3,876</u></b>
<b>B</b>	<b>Licensed Physicians Active in Medicine</b>	<b>62,967</b>
	<i>Less Physicians with only out-of-state Practice Locations (Q10)</i>	<b><u>- 8,334</u></b>
<b>C</b>	<b>Active Licensed Physicians in New York</b>	<b>54,633</b>
	<i>Less licensed Residents (Q6)</i>	<b><u>- 1,181</u></b>
<b>D</b>	<b>Active Licensed Physicians in New York, less Residents</b>	<b>53,452</b>
	<i>Less no Patient Care Hours (Q7)</i>	<b><u>- 768</u></b>
<b>E</b>	<b>Active Licensed Patient Care Physicians in New York</b>	<b>52,684</b>
	<i>Adjust for non-response</i>	<b><u>x 1.2119*</u></b>
	<b>Weighted Active Licensed Patient Care Physicians in New York</b>	<b>63,847</b>

\*  $81,006/66,843 = 1.2119$

The weight was based on responses for the entire licensed physician population. In 2006 and 2007, there were approximately 81,006 physicians licensed in New York and the baseline response for the state was 66,843.

**Figure B-1. Estimates of Physician Counts in New York, 2007**



## **2. 2003 Active Patient Care Physicians in New York Estimates**

The 2003 physician estimates used in the change in supply calculation were based on data from the 2002 and 2003 New York State Physician Licensure Re-registration Survey and were calculated analogously to the 2007 estimates. During 2002 and 2003 the survey had an estimated response rate of 76.6% (57,601 out of 75,236).

## **3. FTE Estimates**

The FTE estimates were calculated as follows:

$$\text{FTE} = \text{Patient Care Hours} / 40$$
where Patient Care Hours (Q6) have been estimated by assigning a minimum and maximum value to each Patient Care Hours category (see below) and then making a random draw from a uniform distribution between these minimum and maximum points for each respondent.

<u>Hours/Week</u>	<u>Min.</u>	<u>Max.</u>
None	—	—
1 – 9	1	9
10 – 19	10	19
20 – 29	20	29
30 – 39	30	39
40 +	40	59

#### 4. Upstate and Downstate New York Definition

In this report, downstate New York is comprised of all counties in the New York City and Long Island regions and Westchester County. All other counties are considered upstate New York.

#### 5. Urban and Rural County Definition

Counties with populations of less than 200,000 are considered rural. This definition is part of “Eberts’ typology” and comes directly from state Public Health Law. For more information regarding this classification scheme, see: Eberts R. *Socioeconomic Trends in New York State: 1950-1990*. Albany, NY: New York State Legislative Commission on Rural Resources, September 1994.

Forty-three of the 62 counties in New York are considered rural by this definition:

Allegany	Hamilton	Schuyler
Cattaraugus	Herkimer	Seneca
Cayuga	Jefferson	St. Lawrence
Chautauqua	Lewis	Steuben
Chemung	Livingston	Sullivan
Chenango	Madison	Tioga
Clinton	Montgomery	Tompkins
Columbia	Ontario	Ulster
Cortland	Orleans	Warren
Delaware	Oswego	Washington
Essex	Otsego	Wayne
Franklin	Putman	Wyoming
Fulton	Rensselaer	Yates
Genesee	Schenectady	
Greene	Schoharie	

## 6. Principal Practice Setting Categories

<b>Solo</b>	Solo Practice
<b>Group</b>	Physician Partnership Group Practice-Owner/Operator Group Practice-Employee/Staff
<b>Hospital</b>	Hospital-Inpatient Hospital-OPD (Outpatient department) Hospital-Satellite Hospital-Emergency Room
<b>Other</b>	Free-Standing Health Center or Clinic (Diagnostic & Treatment Center) Staff Model HMO Nursing Home Home Health State or Local Health Dept. Other Setting

## 7. Important Notes

Due to the periodicity of the registration process in New York, the data reported here should not be viewed as a snapshot in time of the current physician workforce. Rather, they should be seen as a general picture of the physician workforce during the years 2006 and 2007. For convenience, however, the numbers and tabulations reported reference the year 2007. It also must be emphasized that the data presented in this report are estimates and are subject to a certain degree of error, especially in the case of rare events, small populations, and missing data. Finally, due to confidentiality agreements, cells with counts below 5 are indicated as "--" throughout the report.

The principal practice location zip code was used to place individuals within a county. However, in some instances, zip codes overlap county boundaries. As a result, care should be taken when interpreting the estimates.

## 8. Other Data Sources

Both *Percent in Poverty 2005* and *Median Income 2005* in the selected population characteristics table were obtained from the U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE). These data were retrieved on October 27, 2008 from <http://www.census.gov/hhes/www/saipe/index.html>.

The population, race and ethnicity, and age data in the selected population characteristics table were obtained from the New York State Department of Health, Information Systems and Health Statistics Group, Bureau of Biometrics and Health Statistics, Claritas (Small Area) Data. These data were retrieved on October 21, 2008 from the Bureau of Biometrics and Health Statistics intranet at <http://biometrics/pops/claritas.htm>.

The information in the health status indicators table were obtained from the New York State Department of Health, New York State County Health Indicator Profiles. These data were retrieved on October 21, 2008 from <http://www.health.state.ny.us/statistics/chip/index.htm>.

Population estimates used to estimate the 2003 rates for the change in supply estimates were obtained from the U.S. Census.





## ***APPENDIX C: COUNTY SUMMARY***



**Table C-1. Physician Counts, FTEs, and Per Population Ratios in New York Regions and Counties, 2007**

<b>Region/County</b>	<b>Physicians</b>	<b>Physicians per 100,000 Population</b>	<b>FTEs</b>	<b>FTEs per 100,000 Population</b>
<b><u>Capital District</u></b>	<b>2,796</b>	<b>262</b>	<b>2,701</b>	<b>253</b>
Albany	1,323	444	1,261	424
Columbia	120	188	114	178
Greene	36	72	34	67
Rensselaer	273	174	270	173
Saratoga	334	153	331	152
Schenectady	441	294	425	283
Warren	230	348	235	355
Washington	38	59	31	48
<b><u>Central New York</u></b>	<b>1,824</b>	<b>257</b>	<b>1,763</b>	<b>248</b>
Cayuga	103	126	102	125
Cortland	73	150	77	160
Onondaga	1,533	335	1,456	318
Oswego	115	93	127	103
<b><u>Finger Lakes</u></b>	<b>3,255</b>	<b>271</b>	<b>2,935</b>	<b>245</b>
Genesee	92	156	103	176
Livingston	67	104	68	107
Monroe	2,609	357	2,284	312
Ontario	267	252	262	247
Orleans	35	81	34	78
Seneca	23	66	19	54
Wayne	80	86	80	85
Wyoming	55	128	58	137
Yates	28	112	27	110
<b><u>Hudson Valley</u></b>	<b>7,388</b>	<b>324</b>	<b>6,851</b>	<b>301</b>
Dutchess	771	259	723	243
Orange	810	213	831	219
Putnam	240	237	244	241
Rockland	957	326	890	303
Sullivan	113	145	112	145
Ulster	365	198	352	191
Westchester	4,133	438	3,698	392
<b><u>Long Island</u></b>	<b>9,954</b>	<b>354</b>	<b>9,431</b>	<b>335</b>
Nassau	6,079	457	5,736	431
Suffolk	3,876	261	3,695	249
<b><u>Mohawk Valley</u></b>	<b>834</b>	<b>165</b>	<b>851</b>	<b>168</b>
Fulton	69	124	71	127
Herkimer	47	74	45	70
Madison	116	165	115	164
Montgomery	88	181	96	196
Oneida	490	209	500	214
Schoharie	23	71	24	73
<b><u>New York City</u></b>	<b>31,948</b>	<b>388</b>	<b>27,366</b>	<b>332</b>
Bronx	3,916	285	3,271	238
Kings	6,536	261	5,914	236
New York	15,719	972	12,953	801
Queens	4,566	202	4,073	181
Richmond	1,211	253	1,154	241

*continued ...*

**Table C-1. Physician Counts, FTEs, and Per Population Ratios in New York Regions and Counties, 2007**  
(*cont.*)

<b>County</b>	<b>Physicians</b>	<b>Physicians per 100,000 Population</b>	<b>FTEs</b>	<b>FTEs per 100,000 Population</b>
<b><u>North Country</u></b>	<b>789</b>	<b>182</b>	<b>811</b>	<b>187</b>
Clinton	225	273	226	274
Essex	36	94	38	98
Franklin	101	197	101	198
Hamilton	--	--	--	--
Jefferson	210	177	218	184
Lewis	35	133	38	142
St. Lawrence	181	162	190	170
<b><u>Southern Tier</u></b>	<b>1,695</b>	<b>236</b>	<b>1,717</b>	<b>239</b>
Broome	557	285	547	279
Chemung	251	282	264	297
Chenango	59	115	59	114
Delaware	41	87	42	88
Otsego	307	487	312	496
Schuyler	28	144	29	150
Steuben	201	204	216	220
Tioga	25	50	24	47
Tompkins	225	224	223	222
<b><u>Western New York</u></b>	<b>3,364</b>	<b>239</b>	<b>3,220</b>	<b>229</b>
Allegany	46	91	47	94
Cattaraugus	122	149	135	164
Chautauqua	222	164	240	177
Erie	2,670	289	2,486	269
Niagara	304	141	313	145
<b>Total</b>	<b>63,847</b>	<b>330</b>	<b>57,647</b>	<b>298</b>

**NOTES:**

Figures exclude residents.

Columns may not sum to totals due to rounding.

-- indicates physician count fewer than 5.

## ***APPENDIX D: SPECIALTY SUMMARY***



**Table D-1. Physician Counts, FTEs, and Per Population Ratios by Specialty in New York, 2007**

Specialty	Physicians per 100,000		FTEs per 100,000	
	Physicians	Population	FTEs	Population
<b>Primary Care</b>	<b>19,332</b>	<b>100</b>	<b>17,455</b>	<b>90</b>
Family Medicine (includes General Practice)	4,726	24	4,182	22
General Internal Medicine	9,922	51	9,173	47
General Pediatrics	4,684	24	4,099	21
<b>Obstetrics/Gynecology</b>	<b>3,413</b>	<b>18</b>	<b>3,184</b>	<b>16</b>
Obstetrics and Gynecology	2,587	13	2,598	13
Gynecology	825	4	586	3
<b>IM Specialties</b>	<b>8,888</b>	<b>46</b>	<b>8,260</b>	<b>43</b>
Cardiovascular Disease	2,334	12	2,410	12
Critical Care	294	2	286	1
Endocrinology and Metabolism	625	3	497	3
Gastroenterology	1,325	7	1,380	7
Geriatrics	402	2	307	2
Infectious Disease	682	4	488	3
Medical Oncology	1,066	6	969	5
Nephrology	726	4	684	4
Pulmonary Disease	810	4	758	4
Rheumatology	412	2	331	2
Other IM Specialties	211	1	150	1
<b>General Surgery</b>	<b>1,572</b>	<b>8</b>	<b>1,493</b>	<b>8</b>
<b>Surgical Specialties</b>	<b>7,012</b>	<b>36</b>	<b>6,792</b>	<b>35</b>
Ophthalmology	1,882	10	1,690	9
Otolaryngology	733	4	709	4
Surgery, Neurological	320	2	321	2
Surgery, Orthopedic	1,528	8	1,481	8
Surgery, Plastic	634	3	621	3
Surgery, Thoracic	345	2	365	2
Urology	874	5	900	5
Other Surgical Specialties	696	4	706	4
<b>Facility Based</b>	<b>7,758</b>	<b>40</b>	<b>7,761</b>	<b>40</b>
Anesthesiology	3,270	17	3,571	18
Pathology (General and Subspecialties)	1,402	7	1,152	6
Radiology (Diagnostic and Therapeutic)	3,087	16	3,038	16
<b>Psychiatrists</b>	<b>6,556</b>	<b>34</b>	<b>5,262</b>	<b>27</b>
Adult Psychiatry	5,561	29	4,451	23
Child and Adolescent Psychiatry	995	5	810	4
<b>Other</b>	<b>9,316</b>	<b>48</b>	<b>7,440</b>	<b>38</b>
Allergy and Immunology	456	2	372	2
Dermatology	1,087	6	900	5
Emergency Medicine	2,206	11	1,887	10
Neurology	1,371	7	1,147	6
Occupational Medicine	193	1	105	1
Pediatric Subspecialties	1,757	9	1,330	7
Physical Medicine and Rehabilitation	1,066	6	931	5
Preventive Medicine	102	1	38	0
Other	1,079	6	728	4
<b>Total</b>	<b>63,847</b>	<b>330</b>	<b>57,647</b>	<b>298</b>

NOTES: Figures exclude residents. Columns may not sum to totals due to rounding.











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