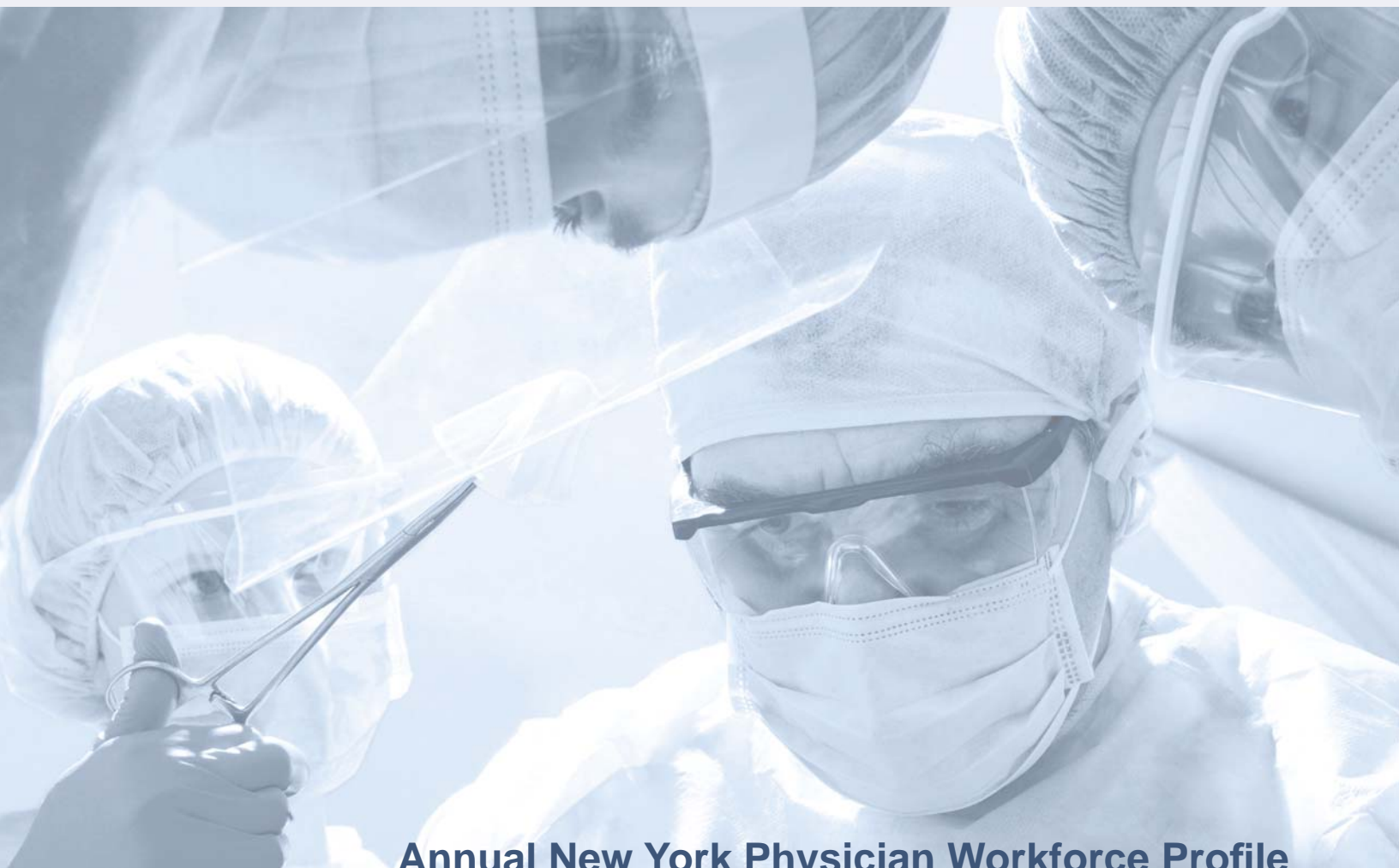


2009



**Annual New York Physician Workforce Profile**  
*2009 Abridged Edition*

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



# Annual New York Physician Workforce Profile

## *2009 Abridged Edition*

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

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## **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 2009*

## **ACKNOWLEDGMENT**

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## EXECUTIVE SUMMARY

This report summarizes the responses to the New York State Physician Licensure Re-registration Survey. The counts of physicians and the profile 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 three series of statistical profiles: one for the state, one for each geographic region, and one for each medical specialty group.

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

- ❖ Of the 82,828 licensed physicians in New York, 78% (64,818) were active patient care physicians practicing in New York. 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 342 active patient care FTE physicians per 100,000 population. The ratio was lowest in the Mohawk Valley, with 172 FTE physicians per 100,000 population.
- ❖ Between 2004 and 2008, 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%.
- ❖ 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 2004 and 2008, primary care FTE physicians per 100,000 population grew in all regions of the state. However, Central New York experienced the least amount of growth in primary care FTE physician supply (1%).
- ❖ The number of non-primary care FTE physicians per 100,000 population grew in all regions of the state. The growth of the non-primary care FTE physician supply was lowest in Central New York and Mohawk Valley (3% for each).
- ❖ The most common principal specialty reported among active patient care physicians was general internal medicine (10,064 or 16% of the total). The next most common principal specialties were psychiatry (9%), family medicine (7%), and general pediatrics (7%).
- ❖ The two fastest growing specialty groups between 2004 and 2008 were internal medicine specialties (e.g., cardiovascular disease, gastroenterology, nephrology, and rheumatology) and facility based specialties (anesthesiology, pathology, and radiology). The ratio of FTEs per 100,000 population grew by 11% for these specialty groups over the time period. In contrast, the average rate of growth for all specialties was 6%. General surgery was the only specialty to decline over the time period (-6%).

<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.

- ❖ Eighty percent (80%) 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 62% in child and adolescent psychiatry to 89% in dermatology and pathology.
- ❖ Group practice was the largest principal practice setting in 2008, reported by 36% of responding physicians. Solo practice (28%) and hospital practice (27%) were the next most frequently reported practice settings.
- ❖ New York physicians were predominantly male (69%) in 2008. However, women physicians were significantly younger than men, reflecting the growing number of women entering the profession. The average age of female physicians was 48 versus 54 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 2008, but approximately 35% of New York's population.
- ❖ 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 9% of dermatologists reported being IMGs.

## **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 New York. 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 New York.

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

In 2008, over 82,000 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 physicians to provide information on a number of personal, professional, and practice characteristics. The responses to these questionnaires during the years 2007 and 2008 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 79% (65,633 out of 82,828). 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 midwives, 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***





<b>2008 Population</b>	<b>New York</b> 19,330,667
<b>Profile of Active Patient Care Physicians, 2008</b>	
Number of Physicians	64,818
Full-time Equivalents	58,308
Average Age	52
Percent Female	31%
Percent Underrepresented Minority	10%
Percent International Medical Graduate	36%
Percent NY Medical Graduate	38%
Percent with Residency Training in NY	77%

<b>Specialty Group*</b>	<b>Physician Supply, 2008</b>				<b>Change in Supply, 2004-2008</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	19,676	17,692	102	92	1,171	867	6%	5%
Non-Primary Care	45,142	40,616	234	210	3,415	2,727	8%	7%
<i>Ob/Gyn</i>	3,402	3,156	18	16	123	50	3%	1%
<i>IM Specialties</i>	9,026	8,359	47	43	945	901	11%	11%
<i>General Surgery</i>	1,548	1,455	8	8	-47	-82	-3%	-6%
<i>Surgical Specialties</i>	7,022	6,802	36	35	305	204	4%	3%
<i>Facility Based</i>	7,942	7,873	41	41	887	850	12%	11%
<i>Psychiatry</i>	6,696	5,364	35	28	408	235	6%	4%
Total (All Physicians)	64,818	58,308	335	302	4,586	3,594	7%	6%

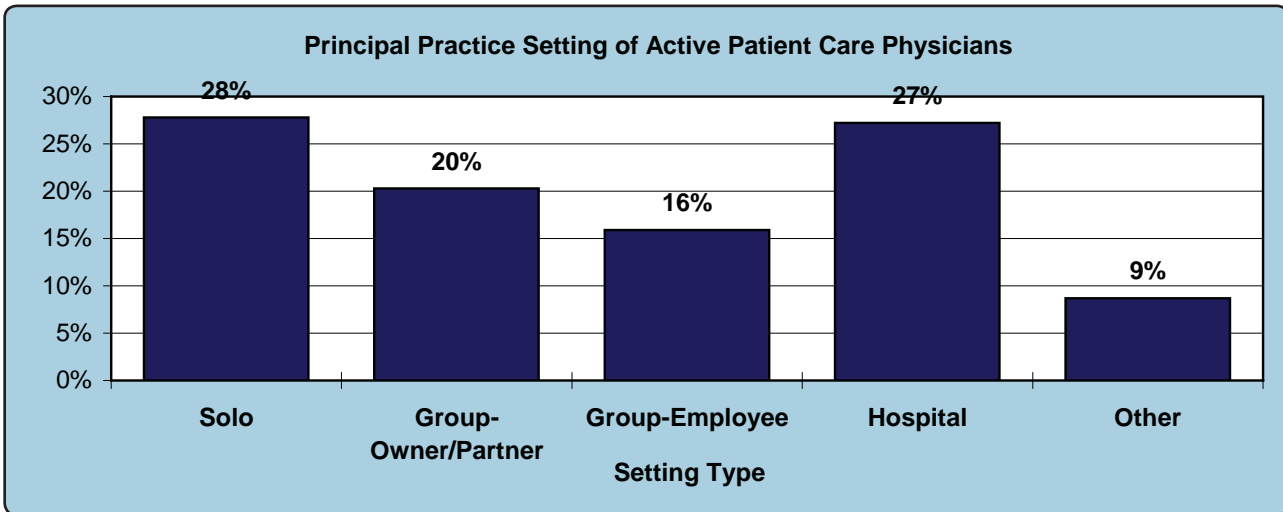
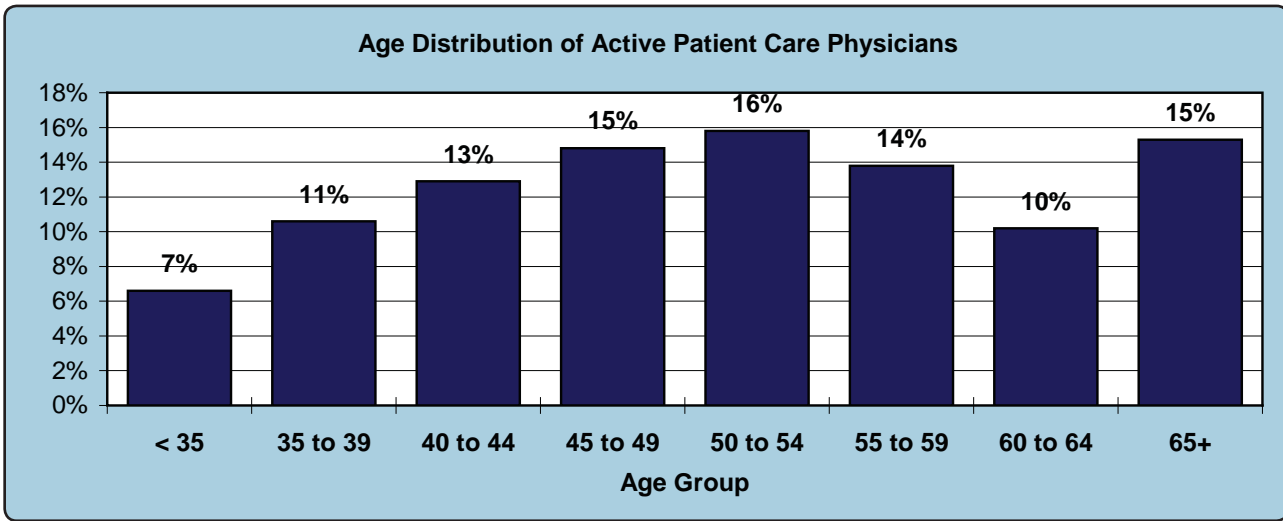
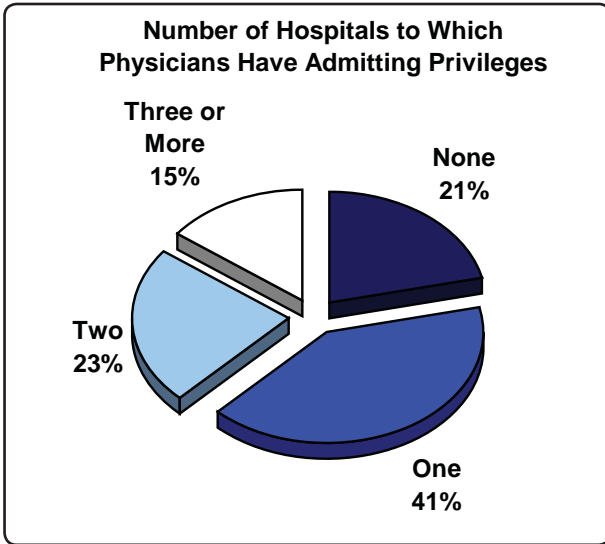
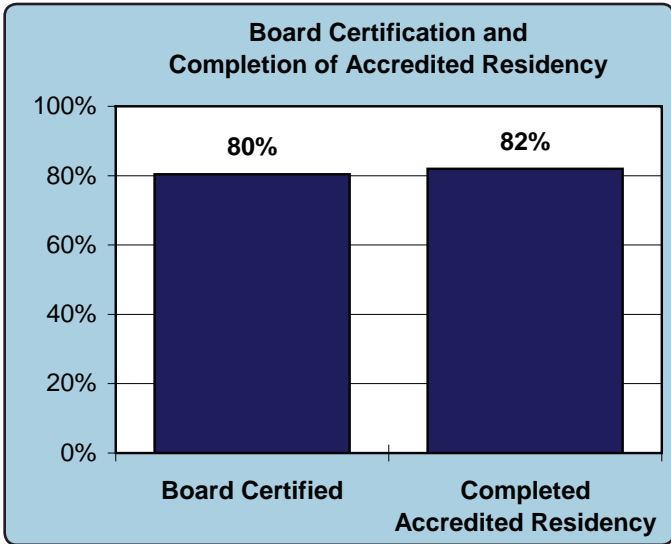
\*Other physician specialties are not displayed but are included in the non-primary care total.

<b>Selected Population Characteristics, 2008</b>					
	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>
White Non-Hispanic	2,587,395	6,991,036	1,917,885	11,496,316	59%
Other Race/Ethnicity	2,445,313	4,730,510	658,528	7,834,351	41%
<b>Total</b>	<b>5,032,708</b>	<b>11,721,546</b>	<b>2,576,413</b>	<b>19,330,667</b>	
<b>% of Pop.</b>	<b>26%</b>	<b>61%</b>	<b>13%</b>		<b>100%</b>
Percent in Poverty	13.7				
Unemployment Rate*	5.4				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	252,662	(13.1)	Total Deaths	146,266	(757.9)
Births < 2500 gms	20,560	(8.1)	Heart Disease	49,312	(255.5)
Total Pregnancies	391,034	(95.9)	Lung Cancer	9,317	(48.3)
Teen Pregnancies (age 15-19)	39,910	(58.4)	Cerebrovascular Disease	5,882	(30.5)

\*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.





# DOWNSTATE NEW YORK



<b>2008 Population</b>	<b>Downstate New York</b> 11,984,173
<b>Profile of Active Patient Care Physicians, 2008</b>	
Number of Physicians	46,711
Full-time Equivalents	40,907
Average Age	52
Percent Female	33%
Percent Underrepresented Minority	12%
Percent International Medical Graduate	38%
Percent NY Medical Graduate	38%
Percent with Residency Training in NY	82%

<b>Specialty Group*</b>	<b>Physician Supply, 2008</b>				<b>Change in Supply, 2004-2008</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	13,561	11,902	113	99	788	557	5%	4%
Non-Primary Care	33,150	29,005	277	242	2,571	1,997	7%	6%
<i>Ob/Gyn</i>	2,446	2,164	20	18	58	-15	1%	-2%
<i>IM Specialties</i>	6,854	6,198	57	52	661	658	10%	11%
<i>General Surgery</i>	1,025	910	9	8	-44	-72	-5%	-8%
<i>Surgical Specialties</i>	4,918	4,655	41	39	282	214	5%	4%
<i>Facility Based</i>	5,606	5,453	47	46	652	639	12%	12%
<i>Psychiatry</i>	5,278	4,125	44	34	350	195	6%	4%
Total (All Physicians)	46,711	40,907	390	341	3,359	2,554	7%	6%

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

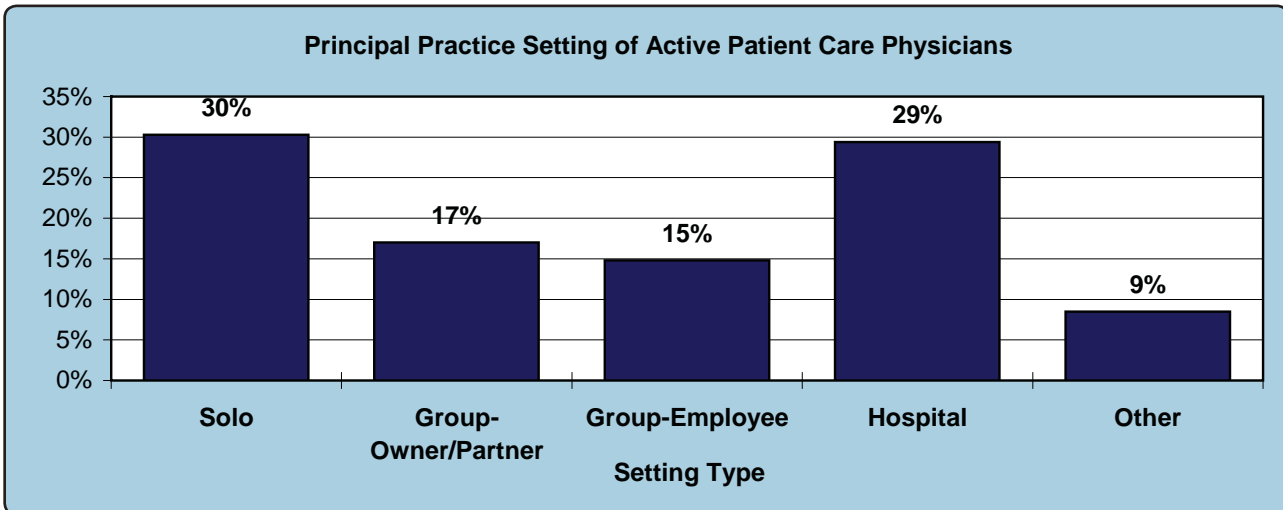
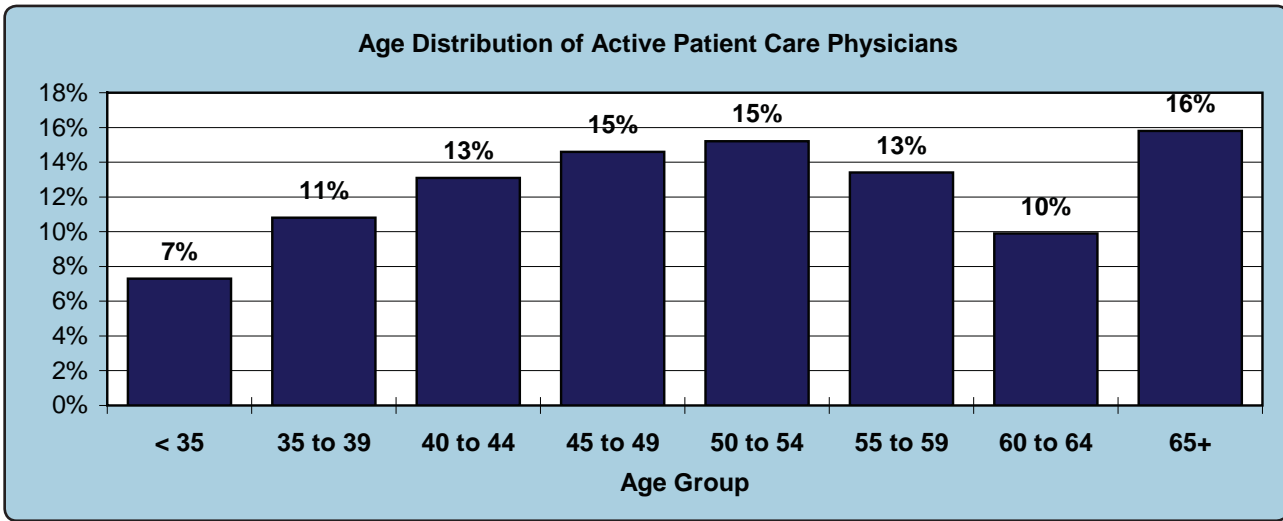
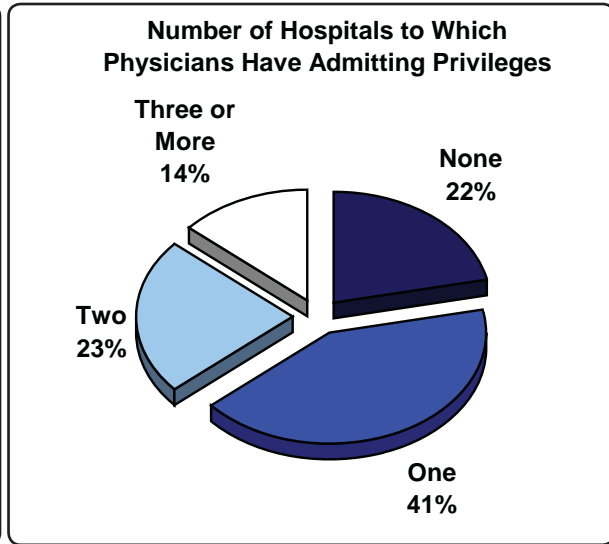
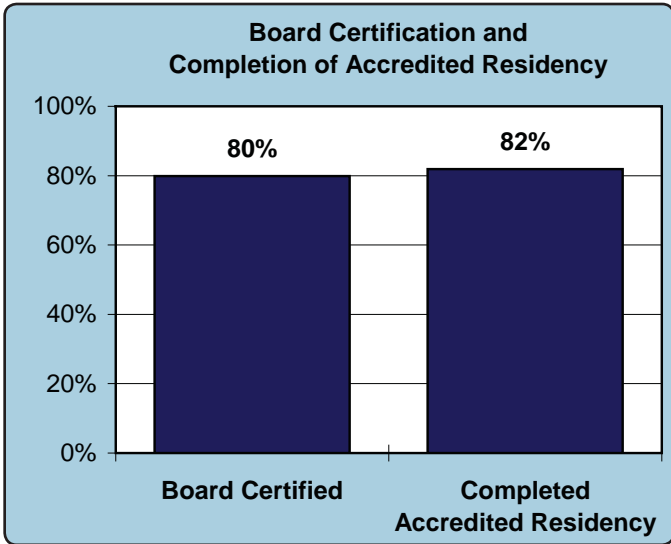
<b>Selected Population Characteristics, 2008</b>					
	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>
White Non-Hispanic	1,140,881	3,260,751	956,601	5,358,233	45%
Other Race/Ethnicity	2,023,275	4,019,786	582,879	6,625,940	55%
<b>Total</b>	<b>3,164,156</b>	<b>7,280,537</b>	<b>1,539,480</b>	<b>11,984,173</b>	
<i>% of Pop.</i>	26%	61%	13%		100%
Percent in Poverty	14.4				
Unemployment Rate*	5.3				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	168,479	(14.1)	Total Deaths	80,991	(675.7)
Births < 2500 gms	14,259	(8.4)	Heart Disease	31,105	(259.5)
Total Pregnancies	279,175	(107.7)	Lung Cancer	4,615	(38.5)
Teen Pregnancies (age 15-19)	27,499	(67.9)	Cerebrovascular Disease	2,729	(22.8)

\*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.

# DOWNSTATE NEW YORK





<b>2008 Population</b>	<b>Upstate New York</b> 7,346,494
<b>Profile of Active Patient Care Physicians, 2008</b>	
Number of Physicians	18,107
Full-time Equivalents	17,401
Average Age	52
Percent Female	26%
Percent Underrepresented Minority	6%
Percent International Medical Graduate	30%
Percent NY Medical Graduate	39%
Percent with Residency Training in NY	63%

<b>Specialty Group*</b>	<b>Physician Supply, 2008</b>				<b>Change in Supply, 2004-2008</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	6,114	5,790	83	79	384	310	7%	6%
Non-Primary Care	11,993	11,611	163	158	844	730	8%	7%
<i>Ob/Gyn</i>	957	992	13	14	65	65	8%	7%
<i>IM Specialties</i>	2,172	2,160	30	29	284	243	15%	13%
<i>General Surgery</i>	524	545	7	7	-3	-10	0%	-2%
<i>Surgical Specialties</i>	2,104	2,147	29	29	23	-10	1%	0%
<i>Facility Based</i>	2,336	2,420	32	33	234	211	11%	10%
<i>Psychiatry</i>	1,418	1,240	19	17	59	40	5%	4%
Total (All Physicians)	18,107	17,401	246	237	1,227	1,040	8%	7%

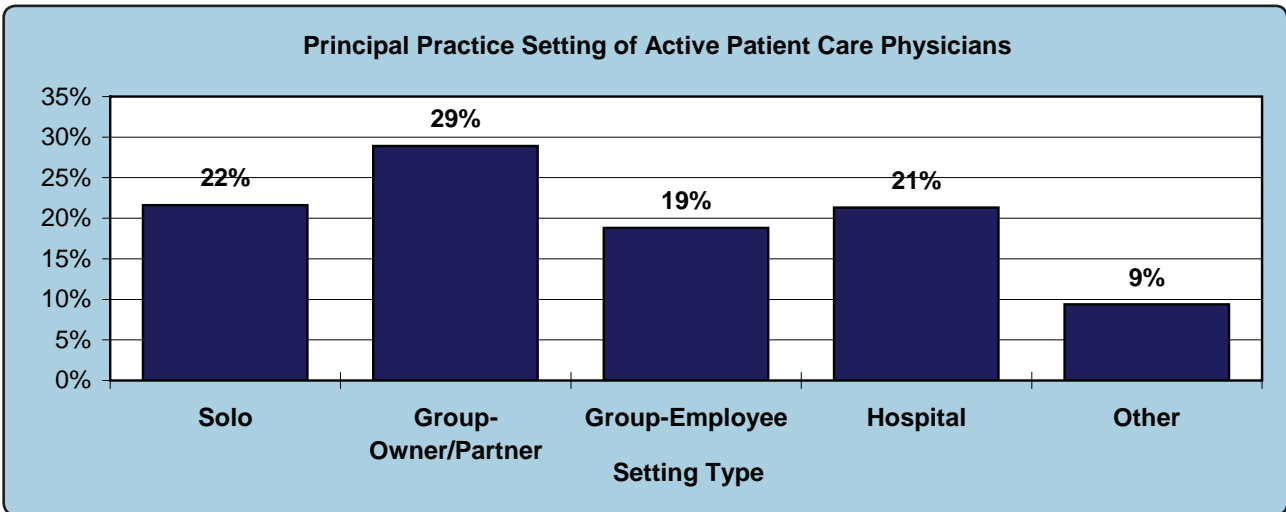
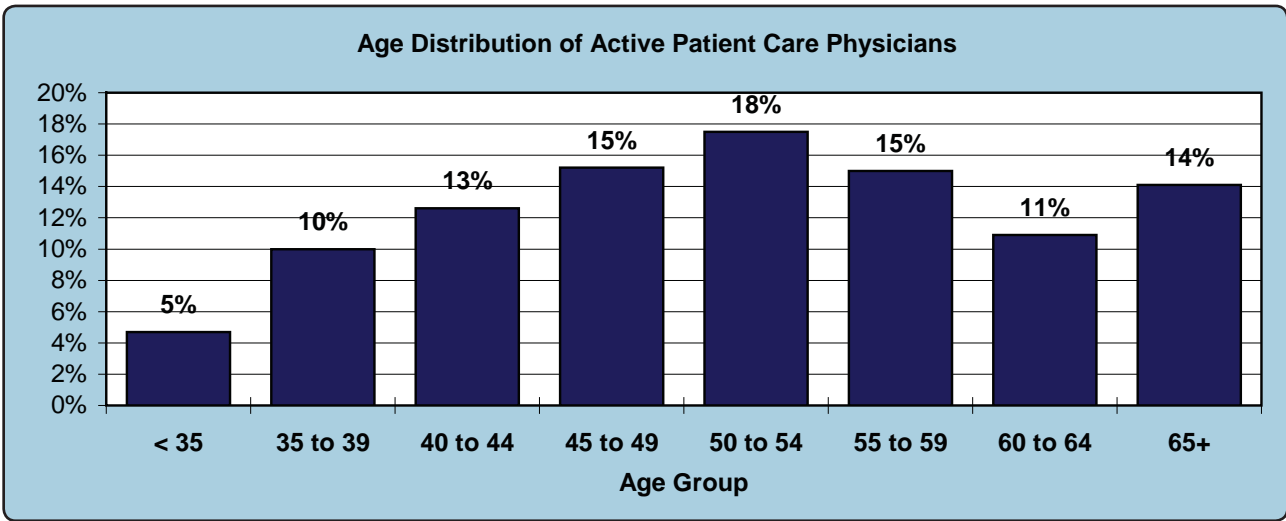
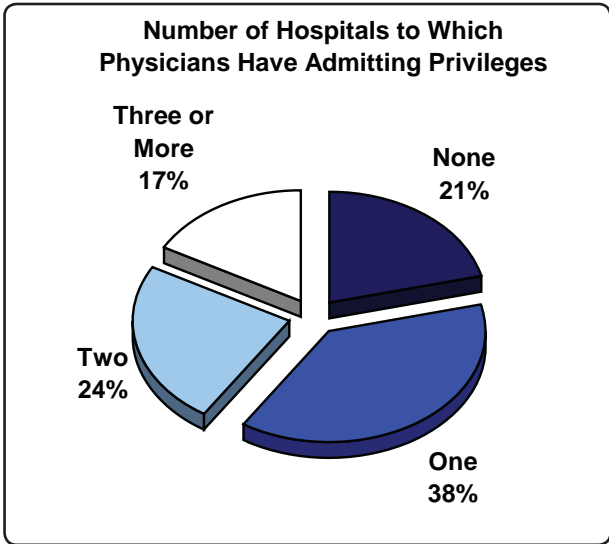
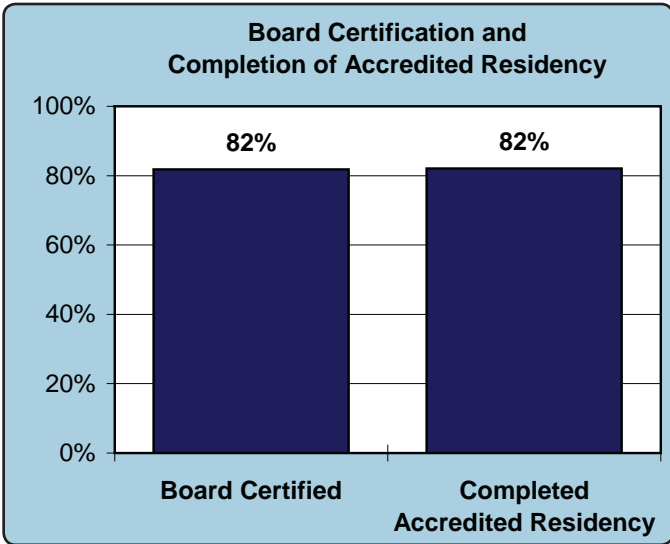
\*Other physician specialties are not displayed but are included in the non-primary care total.

<b>Selected Population Characteristics, 2008</b>					
	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>
White Non-Hispanic	1,446,514	3,730,285	961,284	6,138,083	84%
Other Race/Ethnicity	422,038	710,724	75,649	1,208,411	16%
<b>Total</b>	<b>1,868,552</b>	<b>4,441,009</b>	<b>1,036,933</b>	<b>7,346,494</b>	
<b>% of Pop.</b>	<b>25%</b>	<b>60%</b>	<b>14%</b>		<b>100%</b>
Percent in Poverty	12.5				
Unemployment Rate*	5.6				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	84,183	(11.5)	Total Deaths	65,275	(892.7)
Births < 2500 gms	6,301	(7.5)	Heart Disease	18,207	(249.0)
Total Pregnancies	111,859	(75.2)	Lung Cancer	4,702	(64.3)
Teen Pregnancies (age 15-19)	12,411	(44.5)	Cerebrovascular Disease	3,153	(43.1)

\*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.



# URBAN COUNTIES



	<u>Urban Counties</u>
<b>2008 Population</b>	16,216,805
<b>Profile of Active Patient Care Physicians, 2008</b>	
Number of Physicians	59,284
Full-time Equivalents	52,734
Average Age	52
Percent Female	32%
Percent Underrepresented Minority	10%
Percent International Medical Graduate	36%
Percent NY Medical Graduate	39%
Percent with Residency Training in NY	79%

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	17,456	15,480	108	95	1,042	783	6%	5%
Non-Primary Care	41,828	37,254	258	230	3,239	2,605	8%	7%
<i>Ob/Gyn</i>	3,140	2,871	19	18	113	45	3%	1%
<i>IM Specialties</i>	8,491	7,795	52	48	891	862	11%	12%
<i>General Surgery</i>	1,365	1,257	8	8	-40	-74	-4%	-6%
<i>Surgical Specialties</i>	6,397	6,143	39	38	284	207	4%	3%
<i>Facility Based</i>	7,288	7,169	45	44	842	814	12%	12%
<i>Psychiatry</i>	6,326	5,028	39	31	397	222	6%	4%
Total (All Physicians)	59,284	52,734	366	325	4,281	3,388	7%	6%

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

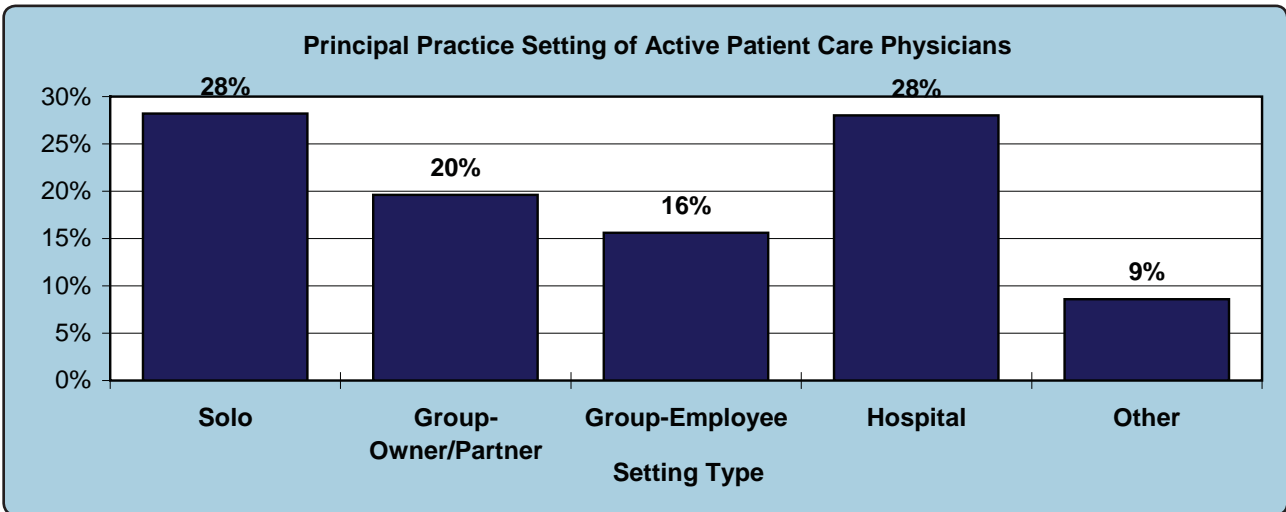
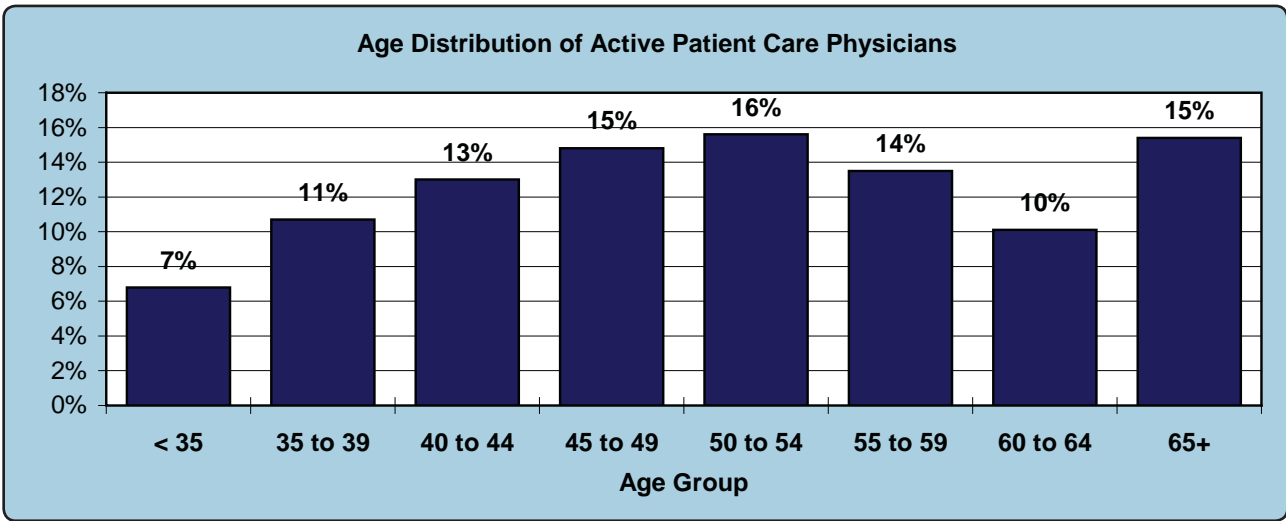
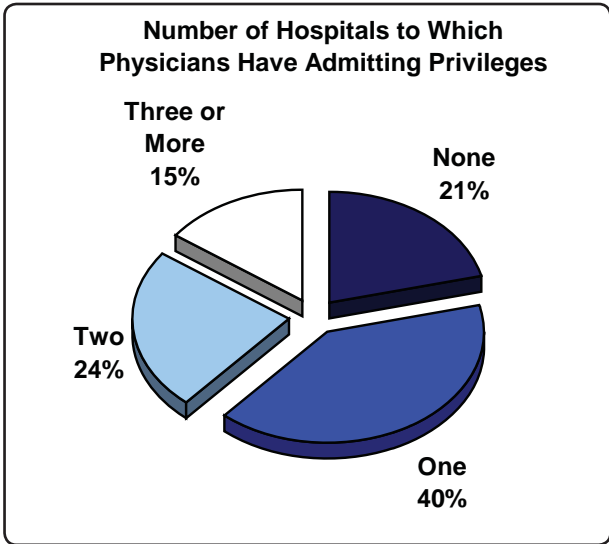
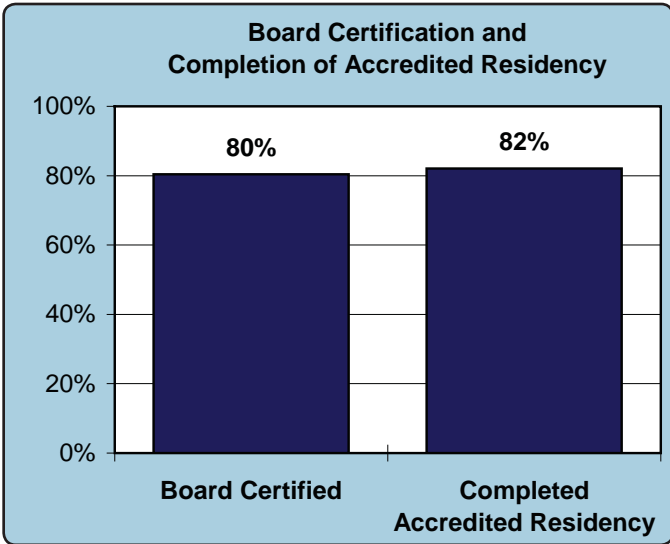
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	1,932,077	5,280,455	1,488,252	8,700,784	54%
Other Race/Ethnicity	2,334,312	4,537,688	644,021	7,516,021	46%
<i>Total</i>	4,266,389	9,818,143	2,132,273	16,216,805	
<i>% of Pop.</i>	26%	61%	13%		100%
Percent in Poverty	13.8				
Unemployment Rate*	5.3				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	218,446	(13.5)	Total Deaths	118,166	(729.1)
Births < 2500 gms	18,055	(8.2)	<i>Heart Disease</i>	41,422	(255.6)
Total Pregnancies	347,712	(100.8)	<i>Lung Cancer</i>	7,251	(44.7)
Teen Pregnancies (age 15-19)	35,089	(62.1)	<i>Cerebrovascular Disease</i>	4,596	(28.4)

\*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



# RURAL COUNTIES



<b>2008 Population</b>	<b>Rural Counties</b> 3,113,862
<b>Profile of Active Patient Care Physicians, 2008</b>	
Number of Physicians	5,534
Full-time Equivalents	5,574
Average Age	53
Percent Female	23%
Percent Underrepresented Minority	6%
Percent International Medical Graduate	29%
Percent NY Medical Graduate	34%
Percent with Residency Training in NY	55%

<b>Specialty Group*</b>	<b>Physician Supply, 2008</b>				<b>Change in Supply, 2004-2008</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	2,220	2,212	71	71	129	84	6%	4%
Non-Primary Care	3,314	3,362	106	108	176	122	6%	4%
<i>Ob/Gyn</i>	262	285	8	9	11	5	4%	2%
<i>IM Specialties</i>	535	563	17	18	55	39	11%	8%
<i>General Surgery</i>	183	198	6	6	-7	-8	-4%	-4%
<i>Surgical Specialties</i>	625	659	20	21	20	-3	3%	0%
<i>Facility Based</i>	654	704	21	23	44	35	7%	5%
<i>Psychiatry</i>	370	336	12	11	11	13	3%	4%
Total (All Physicians)	5,534	5,574	178	179	305	206	6%	4%

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

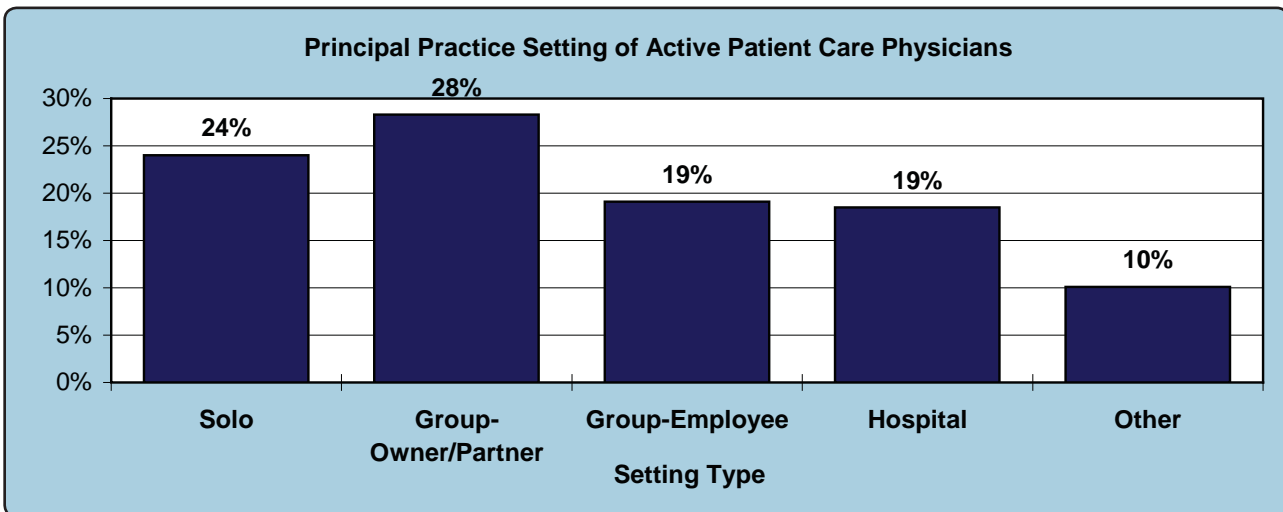
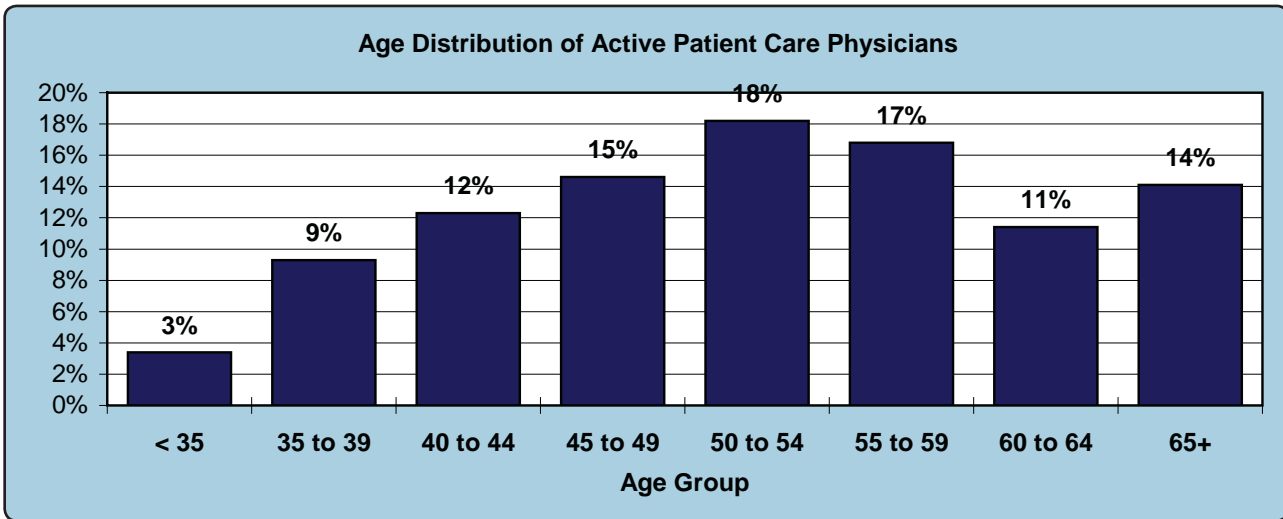
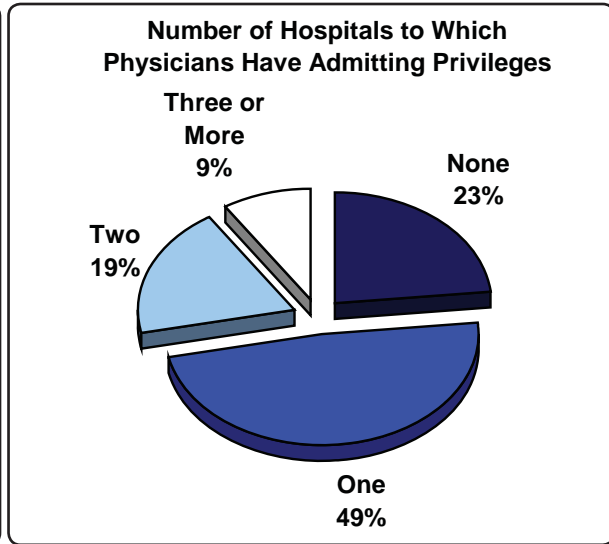
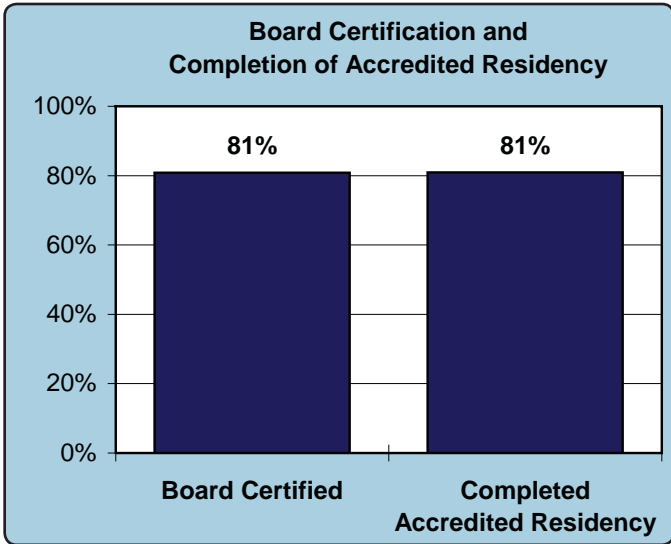
<b>Selected Population Characteristics, 2008</b>						
	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>	
White Non-Hispanic	655,318	1,710,581	429,633	2,795,532	90%	
Other Race/Ethnicity	111,001	192,822	14,507	318,330	10%	
<b>Total</b>	<b>766,319</b>	<b>1,903,403</b>	<b>444,140</b>	<b>3,113,862</b>		
<b>% of Pop.</b>	<b>25%</b>	<b>61%</b>	<b>14%</b>		<b>100%</b>	
Percent in Poverty	13.2					
Unemployment Rate*	5.9					

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	34,216	(11.1)	Total Deaths	28,100	(909.3)
Births < 2500 gms	2,505	(7.3)	<i>Heart Disease</i>	7,890	(255.3)
Total Pregnancies	43,322	(69.0)	<i>Lung Cancer</i>	2,066	(66.8)
Teen Pregnancies (age 15-19)	4,821	(40.7)	<i>Cerebrovascular Disease</i>	1,286	(41.6)

\*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.

# RURAL COUNTIES





## ***REGIONAL PROFILES***

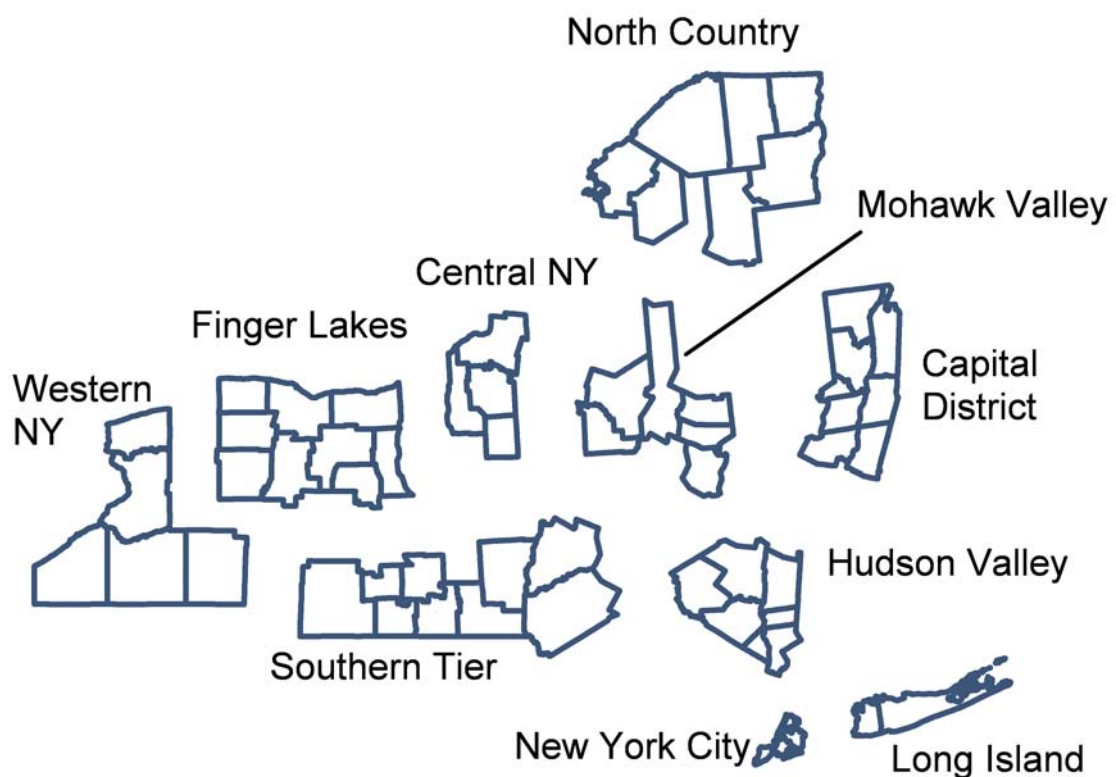


## REGIONAL PROFILES

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**

<u>Region</u>	<u>Counties Included</u>
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>2008 Population</b>	1,067,325	19,330,667	6%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	2,881	64,818	4%
Full-time Equivalents	2,783	58,308	5%
Average Age	53	52	
Percent Female	26%	31%	
Percent Underrepresented Minority	5%	10%	
Percent International Medical Graduate	25%	36%	
Percent NY Medical Graduate	42%	38%	
Percent with Residency Training in NY	62%	77%	

<b>Specialty Group*</b>	<b>Physician Supply, 2008</b>				<b>Change in Supply, 2004-2008</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	941	876	88	82	84	61	8%	6%
Non-Primary Care	1,940	1,908	182	179	213	192	11%	10%
<i>Ob/Gyn</i>	136	141	13	13	20	17	15%	13%
<i>IM Specialties</i>	399	415	37	39	74	75	21%	21%
<i>General Surgery</i>	71	75	7	7	-4	-6	-6%	-9%
<i>Surgical Specialties</i>	360	374	34	35	14	13	3%	2%
<i>Facility Based</i>	346	365	32	34	31	31	8%	8%
<i>Psychiatry</i>	209	192	20	18	26	23	13%	12%
Total (All Physicians)	2,881	2,783	270	261	297	252	10%	9%

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

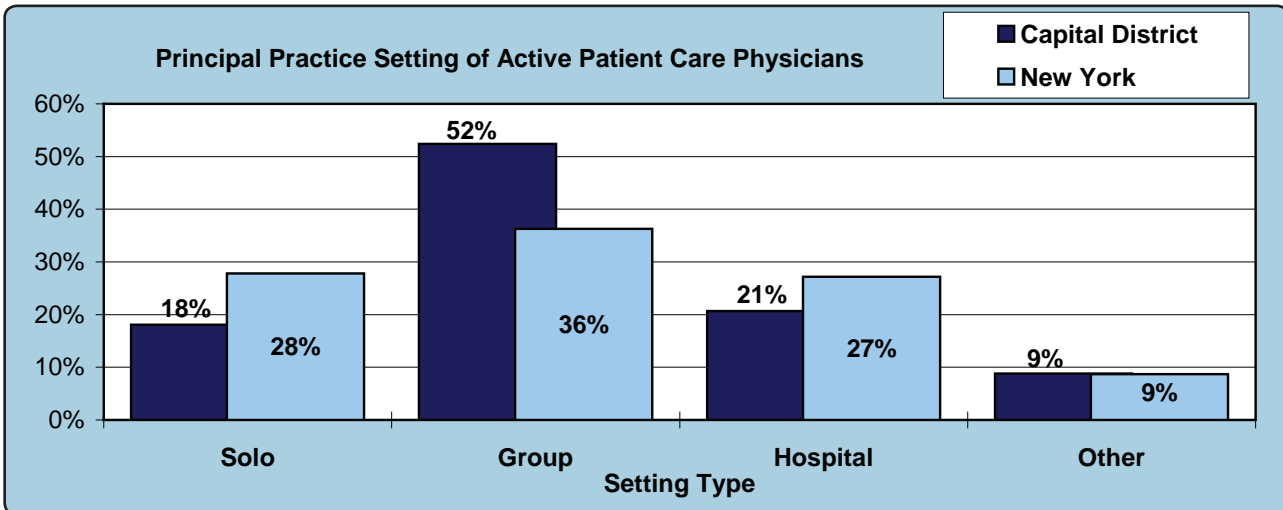
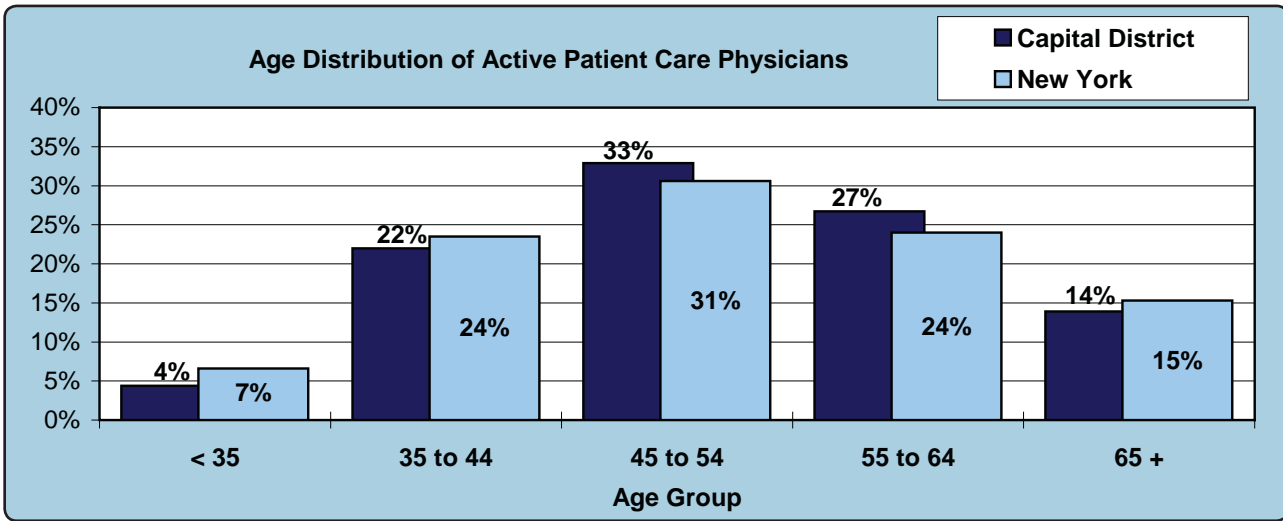
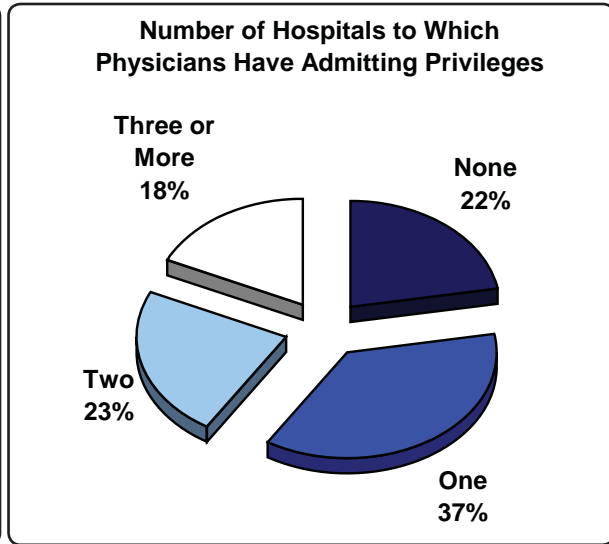
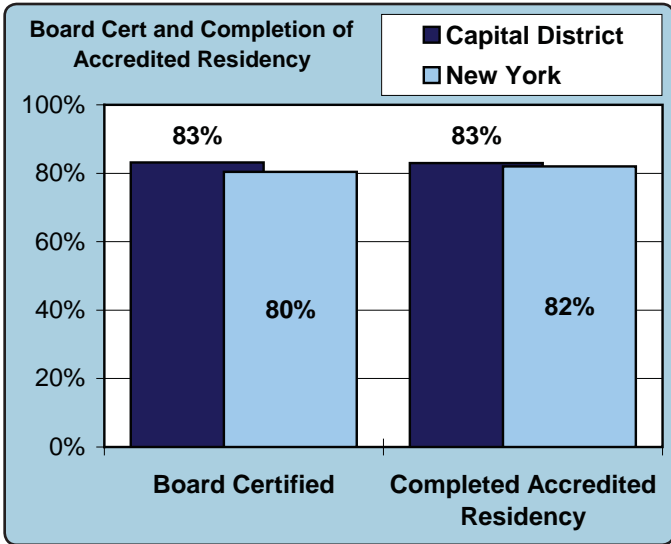
<b>Selected Population Characteristics, 2008</b>					
	<b>Ages 0-19</b>	<b>Ages 20-64</b>	<b>Ages 65+</b>	<b>Total</b>	<b>% of Pop.</b>
White Non-Hispanic	207,289	569,002	143,039	919,330	86%
Other Race/Ethnicity	52,014	87,599	8,382	147,995	14%
<b>Total</b>	<b>259,303</b>	<b>656,601</b>	<b>151,421</b>	<b>1,067,325</b>	
<b>% of Pop.</b>	<b>24%</b>	<b>62%</b>	<b>14%</b>		<b>100%</b>
Percent in Poverty	10.6				
Unemployment Rate*	5.1				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	11,518	(10.9)	Total Deaths	9,461	(891.0)
Births < 2500 gms	914	(7.9)	<i>Heart Disease</i>	2,733	(257.4)
Total Pregnancies	15,018	(68.5)	<i>Lung Cancer</i>	723	(68.1)
Teen Pregnancies (age 15-19)	1,485	(38.9)	<i>Cerebrovascular Disease</i>	413	(38.9)

\*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.

# CAPITAL DISTRICT



# CENTRAL NEW YORK



	<u>Central New York</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	708,250	19,330,667	4%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	1,810	64,818	3%
Full-time Equivalents	1,744	58,308	3%
Average Age	52	52	
Percent Female	26%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical Graduate	24%	36%	
Percent NY Medical Graduate	46%	38%	
Percent with Residency Training in NY	64%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	546	513	77	72	8	3	2%	1%
Non-Primary Care	1,263	1,230	178	174	36	27	4%	3%
<i>Ob/Gyn</i>	107	122	15	17	-3	5	-2%	5%
<i>IM Specialties</i>	216	219	30	31	7	3	4%	2%
<i>General Surgery</i>	63	67	9	9	7	5	14%	9%
<i>Surgical Specialties</i>	249	252	35	36	-1	2	1%	2%
<i>Facility Based</i>	254	254	36	36	15	6	7%	3%
<i>Psychiatry</i>	121	101	17	14	-3	-5	-1%	-4%
Total (All Physicians)	1,810	1,744	256	246	44	29	3%	3%

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

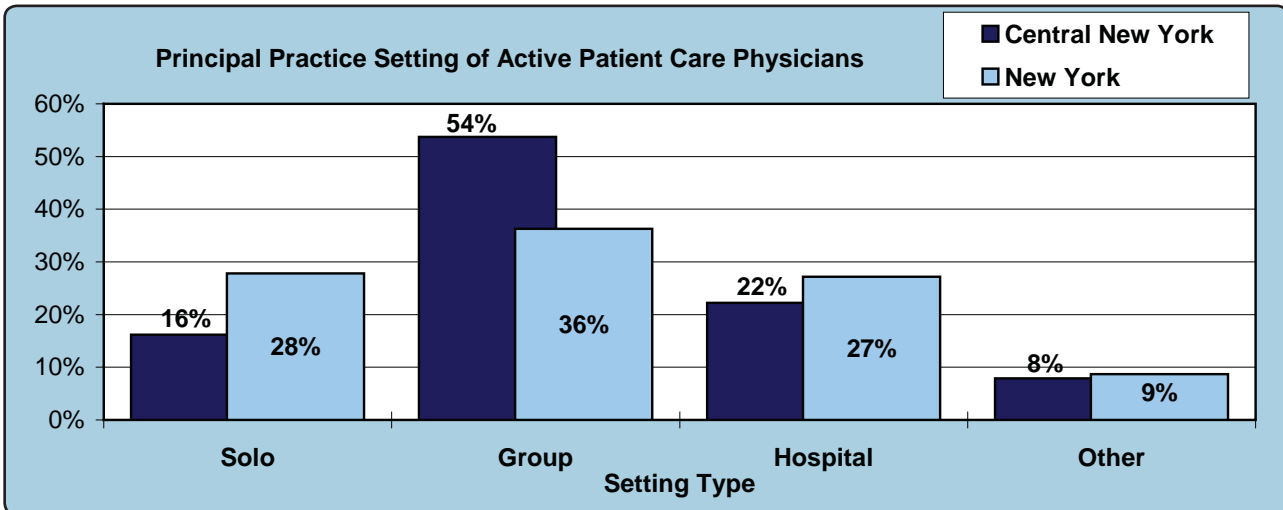
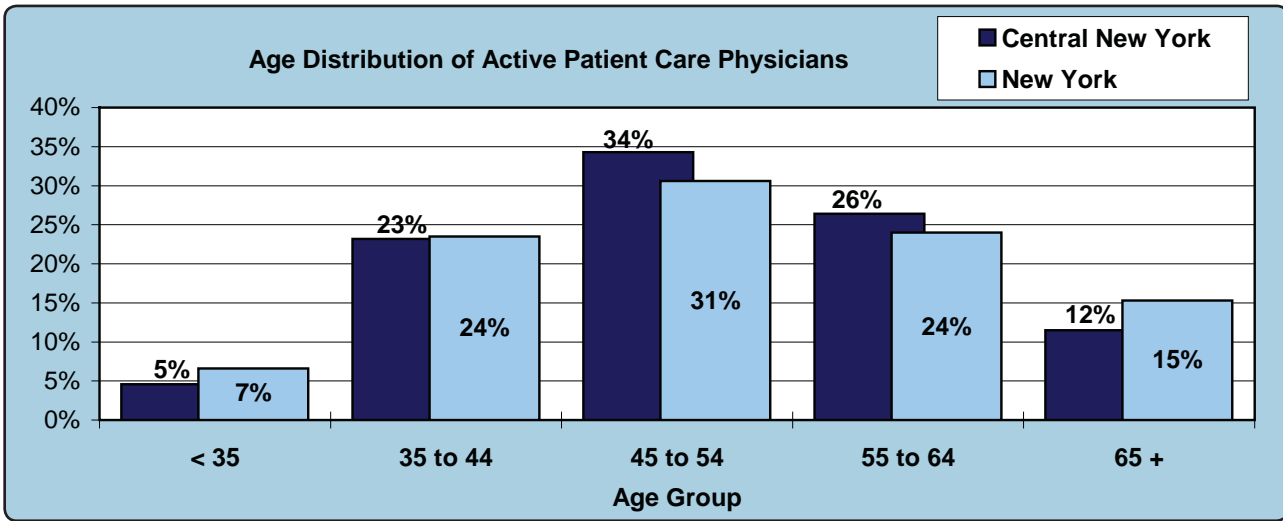
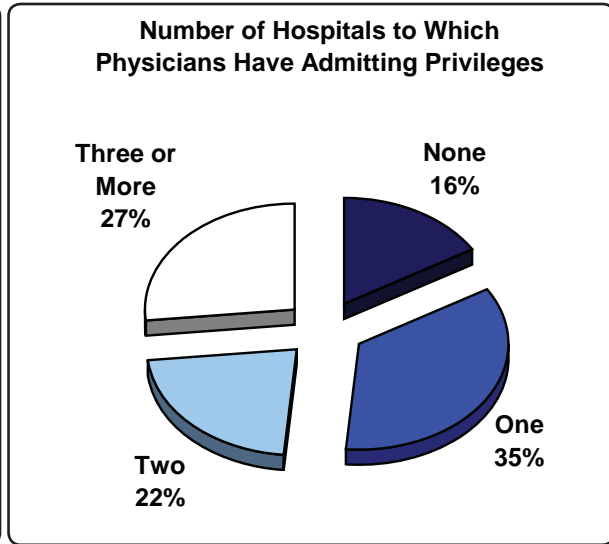
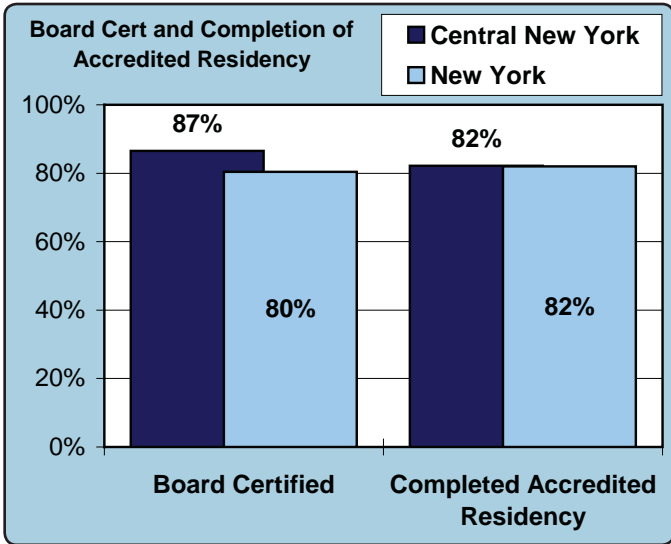
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	147,194	372,145	90,229	609,568	86%
Other Race/Ethnicity	38,288	55,279	5,115	98,682	14%
<i>Total</i>	<i>185,482</i>	<i>427,424</i>	<i>95,344</i>	<i>708,250</i>	
<i>% of Pop.</i>	<i>26%</i>	<i>60%</i>	<i>13%</i>		<i>100%</i>
Percent in Poverty	12.7				
Unemployment Rate*	5.7				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	8,228	(11.7)	Total Deaths	6,070	(862.4)
Births < 2500 gms	625	(7.6)	<i>Heart Disease</i>	1,571	(223.2)
Total Pregnancies	10,727	(72.1)	<i>Lung Cancer</i>	480	(68.2)
Teen Pregnancies (age 15-19)	1,319	(46.9)	<i>Cerebrovascular Disease</i>	318	(45.2)

\*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





# FINGER LAKES



	<u>Finger Lakes</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	1,193,338	19,330,667	6%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	3,300	64,818	5%
Full-time Equivalents	2,964	58,308	5%
Average Age	51	52	
Percent Female	31%	31%	
Percent Underrepresented Minority	5%	10%	
Percent International Medical Graduate	21%	36%	
Percent NY Medical Graduate	40%	38%	
Percent with Residency Training in NY	65%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	1,171	1,037	98	87	131	98	14%	11%
Non-Primary Care	2,129	1,927	178	162	142	101	8%	6%
<i>Ob/Gyn</i>	177	179	15	15	21	18	15%	12%
<i>IM Specialties</i>	409	350	34	29	54	31	16%	11%
<i>General Surgery</i>	80	82	7	7	8	6	12%	8%
<i>Surgical Specialties</i>	333	337	28	28	6	-9	3%	-2%
<i>Facility Based</i>	424	419	36	35	37	33	11%	10%
<i>Psychiatry</i>	231	191	19	16	-4	-7	-1%	-3%
Total (All Physicians)	3,300	2,964	277	248	273	199	10%	8%

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

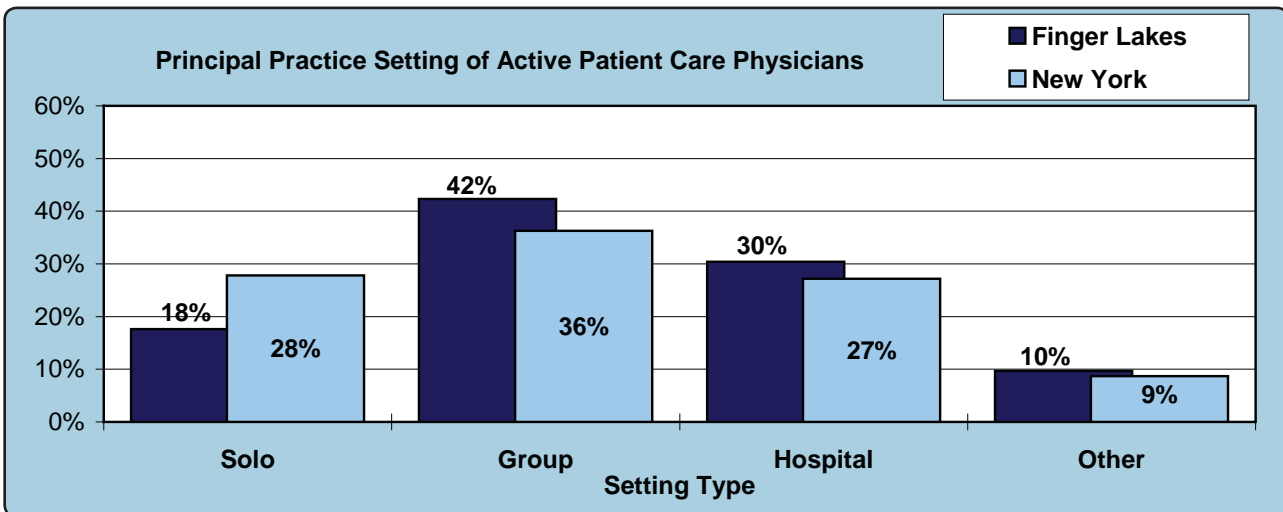
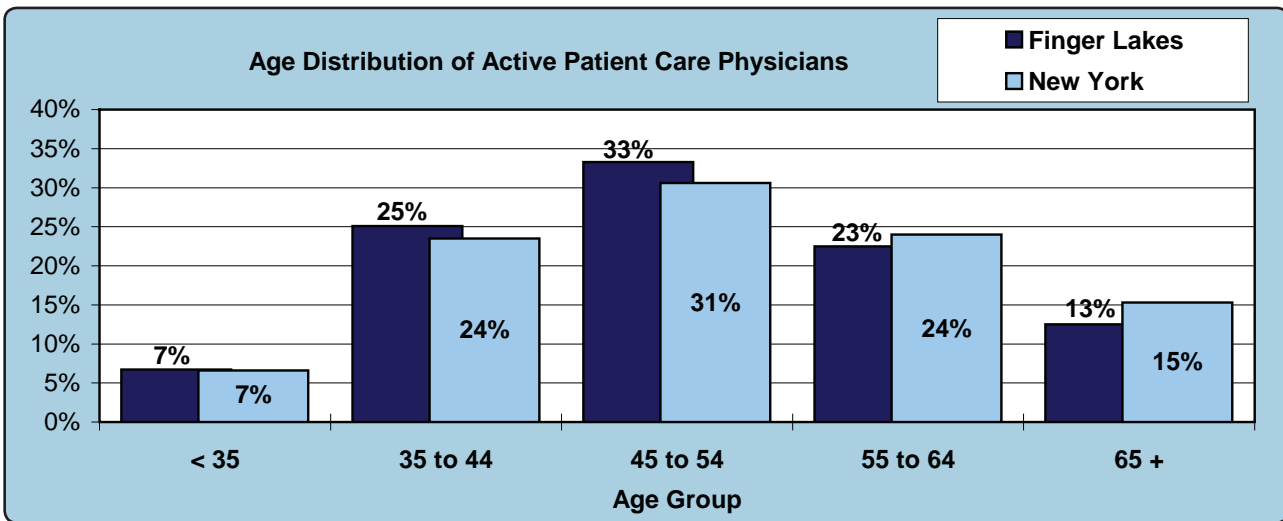
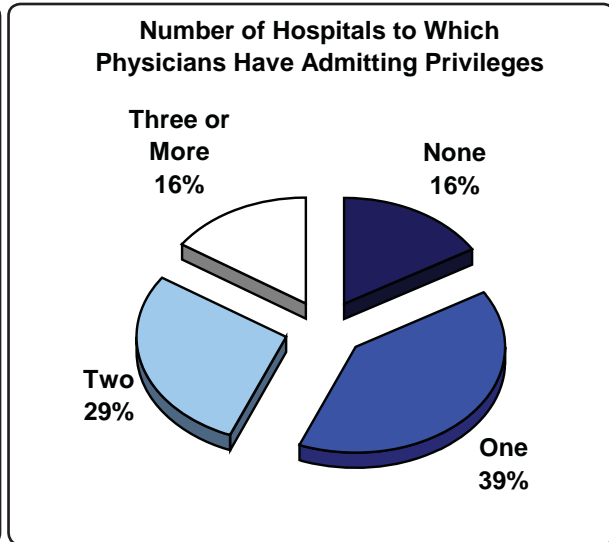
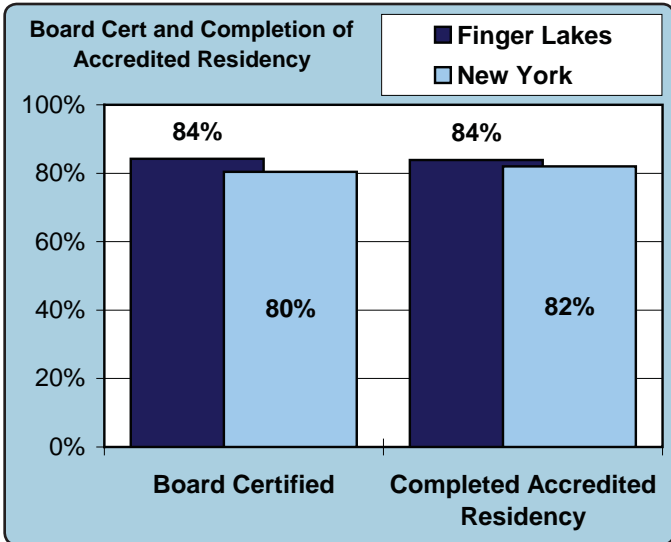
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	228,176	594,697	150,932	973,805	82%
Other Race/Ethnicity	79,302	127,135	13,096	219,533	18%
<i>Total</i>	<i>307,478</i>	<i>721,832</i>	<i>164,028</i>	<i>1,193,338</i>	
<i>% of Pop.</i>	<i>26%</i>	<i>60%</i>	<i>14%</i>		<i>100%</i>
Percent in Poverty	12.3				
Unemployment Rate*	5.6				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	13,755	(11.6)	Total Deaths	10,225	(859.7)
Births < 2500 gms	1,025	(7.4)	<i>Heart Disease</i>	2,601	(218.7)
Total Pregnancies	18,592	(77.0)	<i>Lung Cancer</i>	721	(60.6)
Teen Pregnancies (age 15-19)	2,269	(48.7)	<i>Cerebrovascular Disease</i>	533	(44.8)

\*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.

# FINGER LAKES



# HUDSON VALLEY



	<u>Hudson Valley</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	2,289,635	19,330,667	12%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	7,494	64,818	12%
Full-time Equivalents	6,927	58,308	12%
Average Age	53	52	
Percent Female	31%	31%	
Percent Underrepresented Minority	9%	10%	
Percent International Medical Graduate	36%	36%	
Percent NY Medical Graduate	40%	38%	
Percent with Residency Training in NY	76%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	2,336	2,144	102	94	183	125	7%	5%
Non-Primary Care	5,158	4,783	225	209	323	285	5%	5%
<i>Ob/Gyn</i>	389	369	17	16	8	-15	1%	-5%
<i>IM Specialties</i>	888	898	39	39	114	112	13%	13%
<i>General Surgery</i>	174	159	8	7	-24	-25	-13%	-15%
<i>Surgical Specialties</i>	805	787	35	34	18	19	1%	1%
<i>Facility Based</i>	888	912	39	40	123	125	15%	14%
<i>Psychiatry</i>	1,023	827	45	36	13	11	0%	0%
Total (All Physicians)	7,494	6,927	327	303	507	410	6%	5%

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

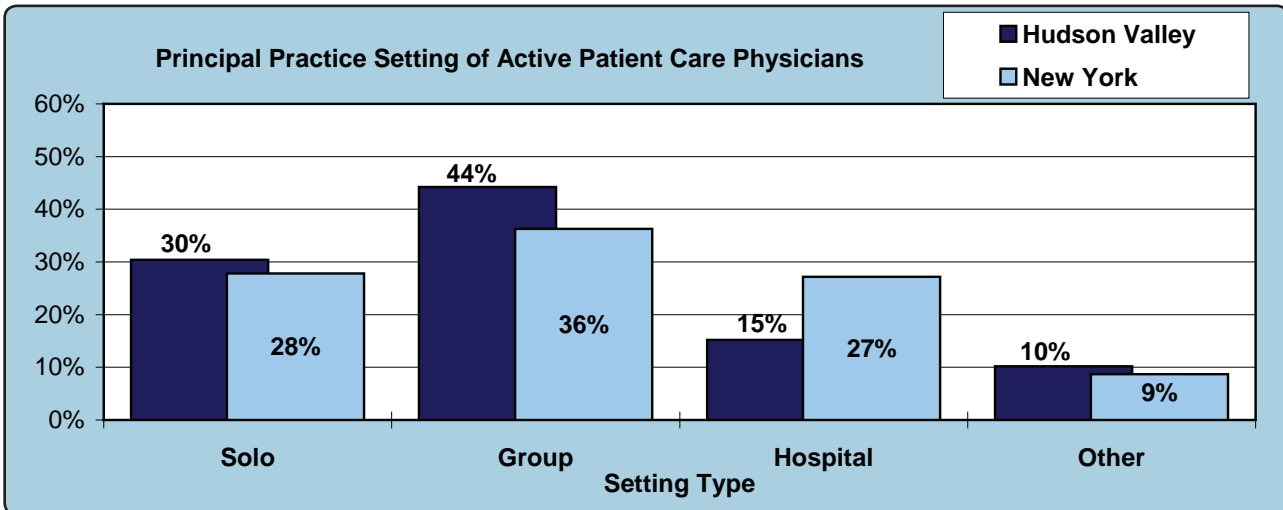
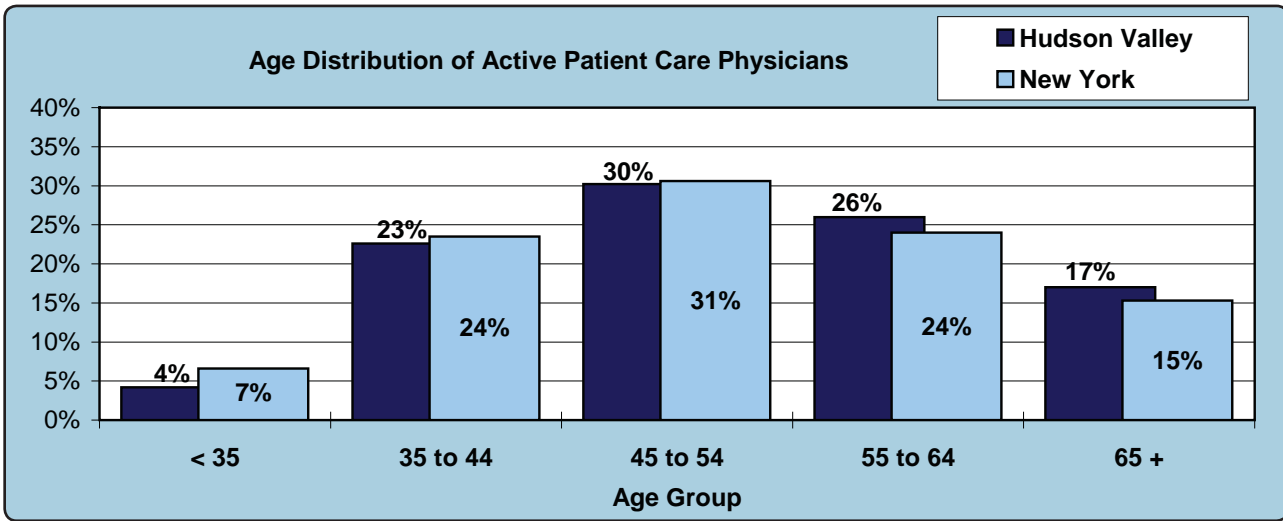
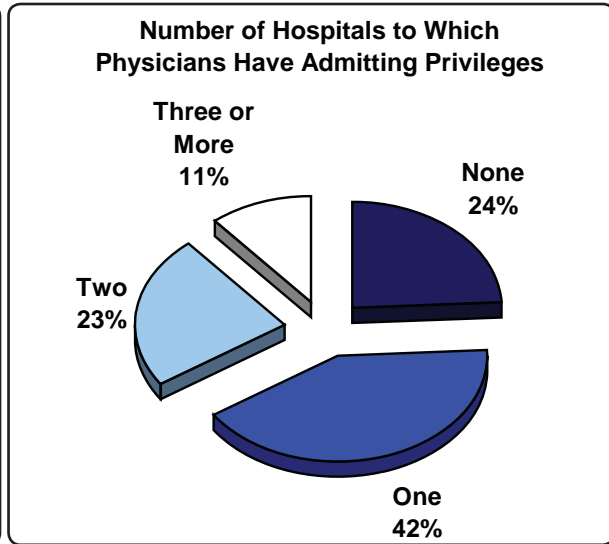
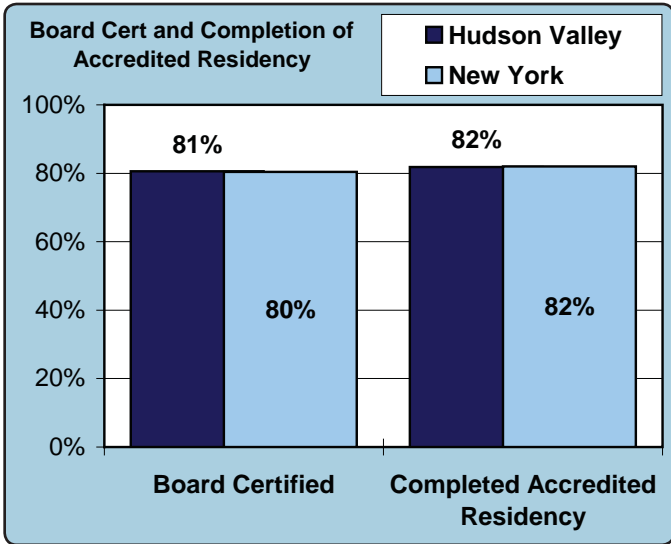
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	393,685	923,446	242,360	1,559,491	68%
Other Race/Ethnicity	230,404	444,618	55,122	730,144	32%
<i>Total</i>	624,089	1,368,064	297,482	2,289,635	
<i>% of Pop.</i>	27%	60%	13%		100%
Percent in Poverty	9.3				
Unemployment Rate*	5.1				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	28,905	(12.7)	Total Deaths	16,089	(707.1)
Births < 2500 gms	2,167	(7.5)	<i>Heart Disease</i>	5,026	(220.9)
Total Pregnancies	38,848	(86.6)	<i>Lung Cancer</i>	1,063	(46.7)
Teen Pregnancies (age 15-19)	3,361	(40.3)	<i>Cerebrovascular Disease</i>	721	(31.7)

\*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.

# HUDSON VALLEY



# LONG ISLAND



	<u>Long Island</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	2,791,591	19,330,667	14%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	10,160	64,818	16%
Full-time Equivalents	9,534	58,308	16%
Average Age	50	52	
Percent Female	28%	31%	
Percent Underrepresented Minority	7%	10%	
Percent International Medical Graduate	34%	36%	
Percent NY Medical Graduate	44%	38%	
Percent with Residency Training in NY	82%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	2,916	2,660	104	95	184	75	8%	4%
Non-Primary Care	7,244	6,873	259	246	495	382	8%	7%
<i>Ob/Gyn</i>	522	471	19	17	-16	-42	-2%	-7%
<i>IM Specialties</i>	1,617	1,666	58	60	163	161	12%	12%
<i>General Surgery</i>	226	215	8	8	-23	-27	-9%	-10%
<i>Surgical Specialties</i>	1,189	1,187	43	43	50	31	5%	4%
<i>Facility Based</i>	1,445	1,469	52	53	170	171	14%	14%
<i>Psychiatry</i>	746	612	27	22	31	0	5%	1%
Total (All Physicians)	10,160	9,534	364	342	679	457	8%	6%

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

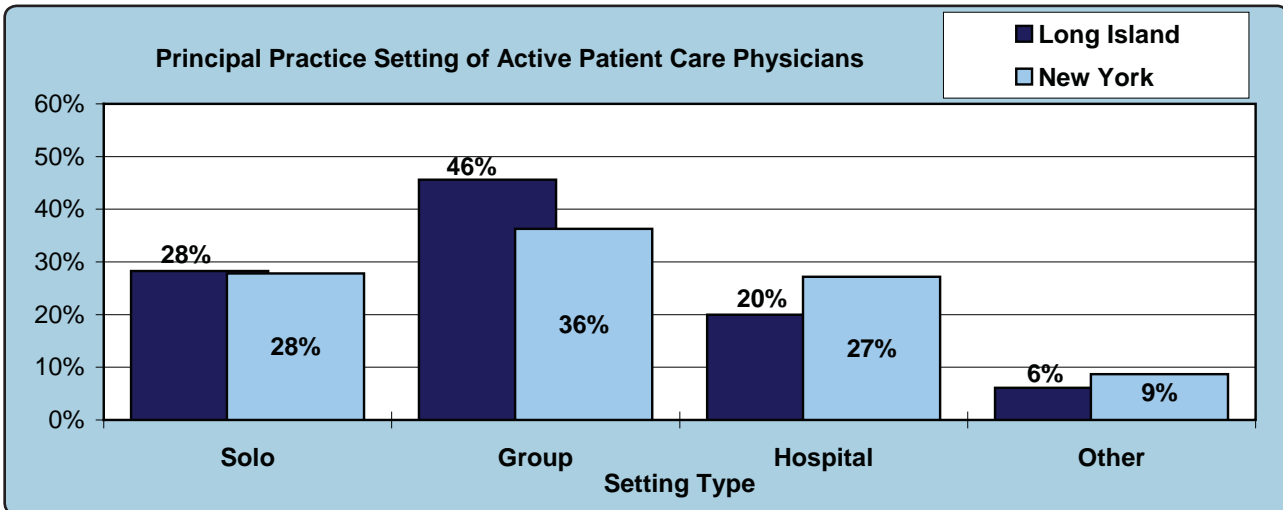
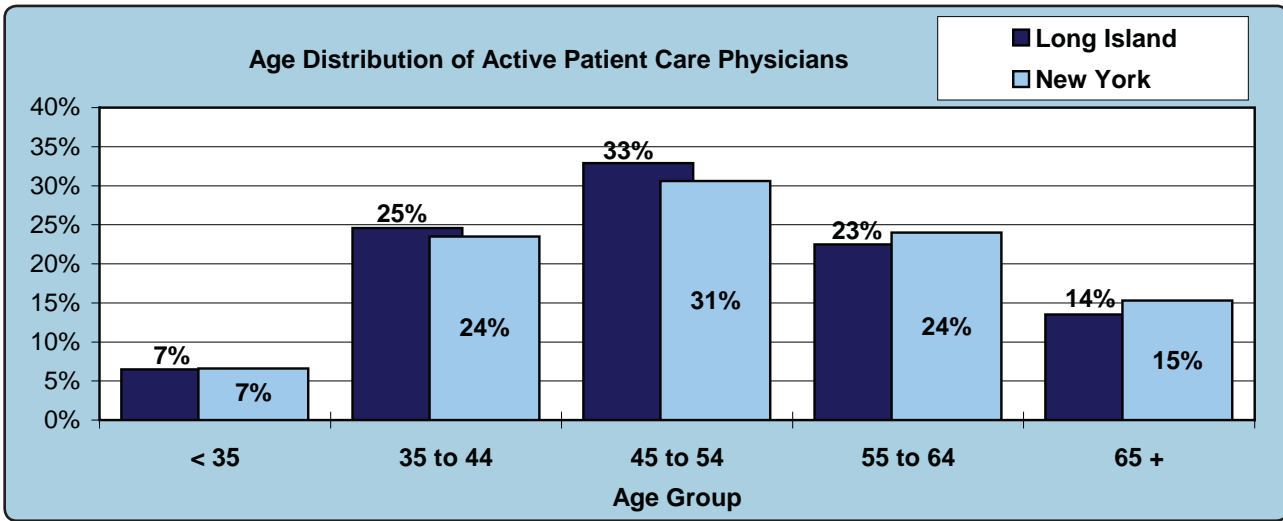
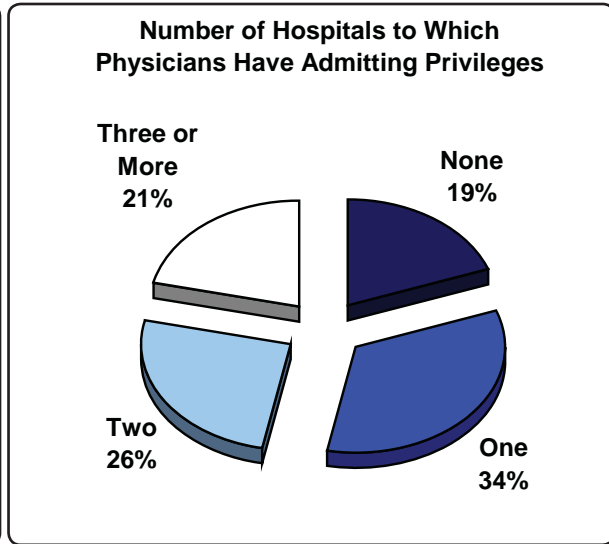
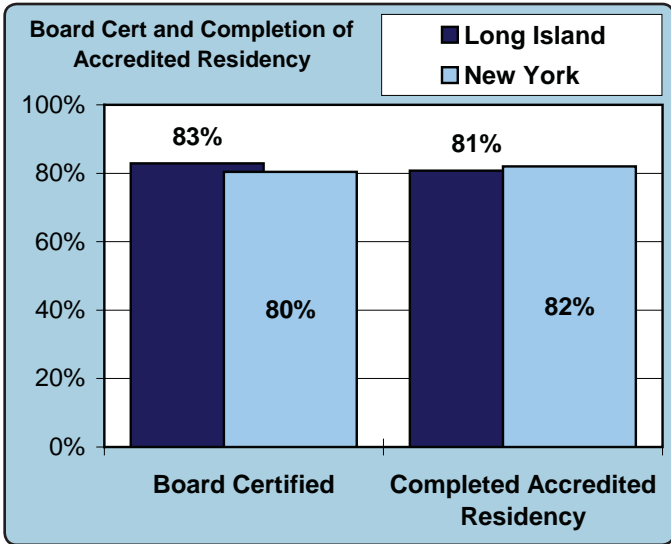
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	491,187	1,177,849	325,599	1,994,635	71%
Other Race/Ethnicity	256,376	478,303	62,277	796,956	29%
<i>Total</i>	<i>747,563</i>	<i>1,656,152</i>	<i>387,876</i>	<i>2,791,591</i>	
<i>% of Pop.</i>	<i>27%</i>	<i>59%</i>	<i>14%</i>		<i>100%</i>
Percent in Poverty	5.3				
Unemployment Rate*	4.9				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	33,690	(12.2)	Total Deaths	21,317	(772.5)
Births < 2500 gms	2,703	(8.0)	<i>Heart Disease</i>	7,698	(278.9)
Total Pregnancies	44,775	(85.3)	<i>Lung Cancer</i>	1,348	(48.8)
Teen Pregnancies (age 15-19)	3,322	(33.2)	<i>Cerebrovascular Disease</i>	818	(29.6)

\*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.

# LONG ISLAND



# MOHAWK VALLEY



	<u>Mohawk Valley</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	503,887	19,330,667	3%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	852	64,818	1%
Full-time Equivalents	865	58,308	1%
Average Age	54	52	
Percent Female	21%	31%	
Percent Underrepresented Minority	5%	10%	
Percent International Medical Graduate	42%	36%	
Percent NY Medical Graduate	32%	38%	
Percent with Residency Training in NY	59%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	329	339	65	67	2	8	1%	3%
Non-Primary Care	522	526	104	104	23	16	5%	4%
<i>Ob/Gyn</i>	35	41	7	8	1	5	4%	14%
<i>IM Specialties</i>	87	94	17	19	6	3	7%	4%
<i>General Surgery</i>	32	33	6	7	-4	-4	-10%	-10%
<i>Surgical Specialties</i>	92	98	18	19	11	14	14%	18%
<i>Facility Based</i>	111	122	22	24	-7	-5	-5%	-4%
<i>Psychiatry</i>	77	60	15	12	9	-1	13%	-2%
Total (All Physicians)	852	865	169	172	25	24	3%	3%

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

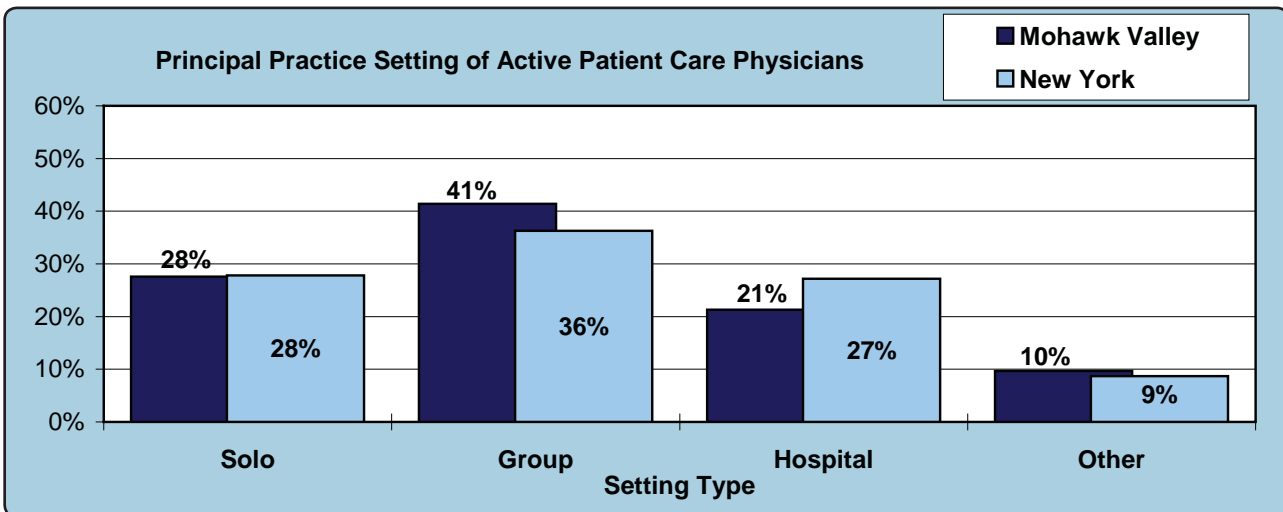
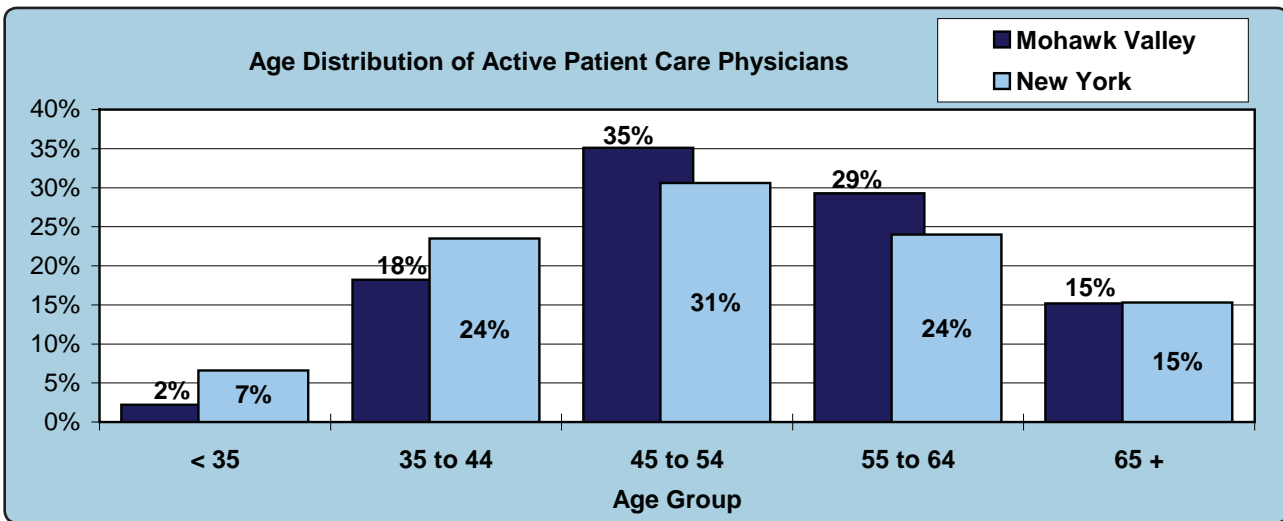
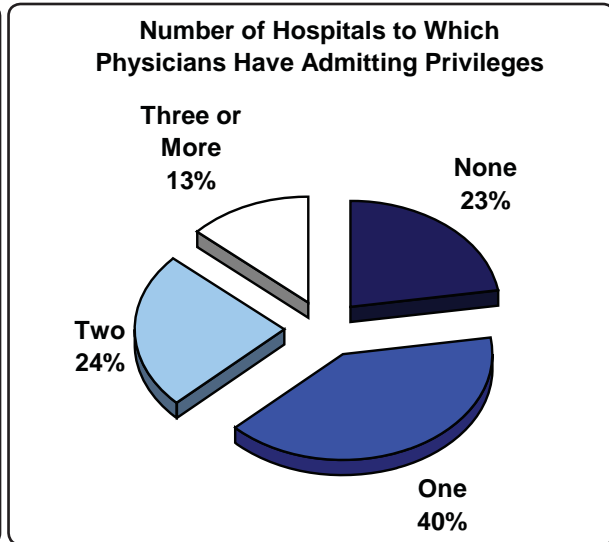
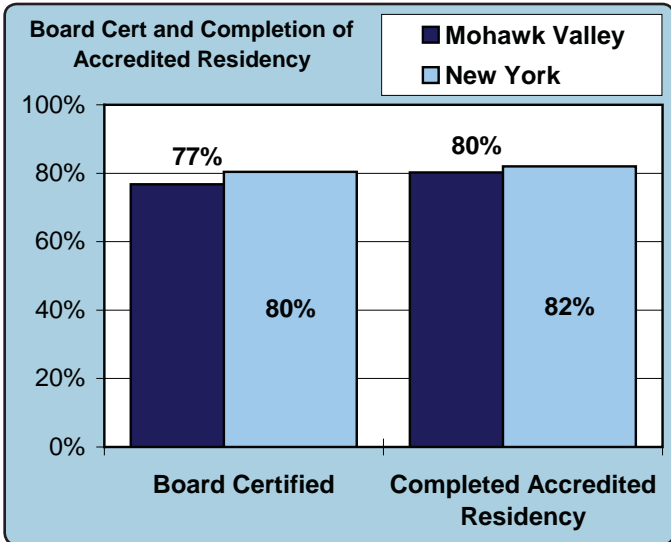
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	105,597	273,030	77,087	455,714	90%
Other Race/Ethnicity	17,841	28,180	2,152	48,173	10%
<i>Total</i>	<i>123,438</i>	<i>301,210</i>	<i>79,239</i>	<i>503,887</i>	
<i>% of Pop.</i>	<i>24%</i>	<i>60%</i>	<i>16%</i>		<i>100%</i>
Percent in Poverty	14.0				
Unemployment Rate*	6.1				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	5,594	(11.2)	Total Deaths	5,153	(1,029.4)
Births < 2500 gms	445	(8.0)	<i>Heart Disease</i>	1,564	(312.5)
Total Pregnancies	7,462	(75.8)	<i>Lung Cancer</i>	355	(70.9)
Teen Pregnancies (age 15-19)	977	(52.6)	<i>Cerebrovascular Disease</i>	225	(45.0)

\*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





# NEW YORK CITY



	<u>New York City</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	8,240,468	19,330,667	43%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	32,365	64,818	50%
Full-time Equivalents	27,658	58,308	47%
Average Age	52	52	
Percent Female	34%	31%	
Percent Underrepresented Minority	13%	10%	
Percent International Medical Graduate	40%	36%	
Percent NY Medical Graduate	35%	38%	
Percent with Residency Training in NY	83%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	9,435	8,186	114	99	483	400	4%	3%
Non-Primary Care	22,930	19,473	278	236	1,900	1,458	7%	6%
<i>Ob/Gyn</i>	1,714	1,499	21	18	72	38	3%	1%
<i>IM Specialties</i>	4,724	4,034	57	49	438	439	8%	10%
<i>General Surgery</i>	708	622	9	8	0	-20	-2%	-5%
<i>Surgical Specialties</i>	3,267	3,020	40	37	209	155	5%	4%
<i>Facility Based</i>	3,657	3,483	44	42	404	389	11%	11%
<i>Psychiatry</i>	3,922	3,047	48	37	317	196	7%	5%
Total (All Physicians)	32,365	27,658	393	336	2,383	1,858	6%	5%

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

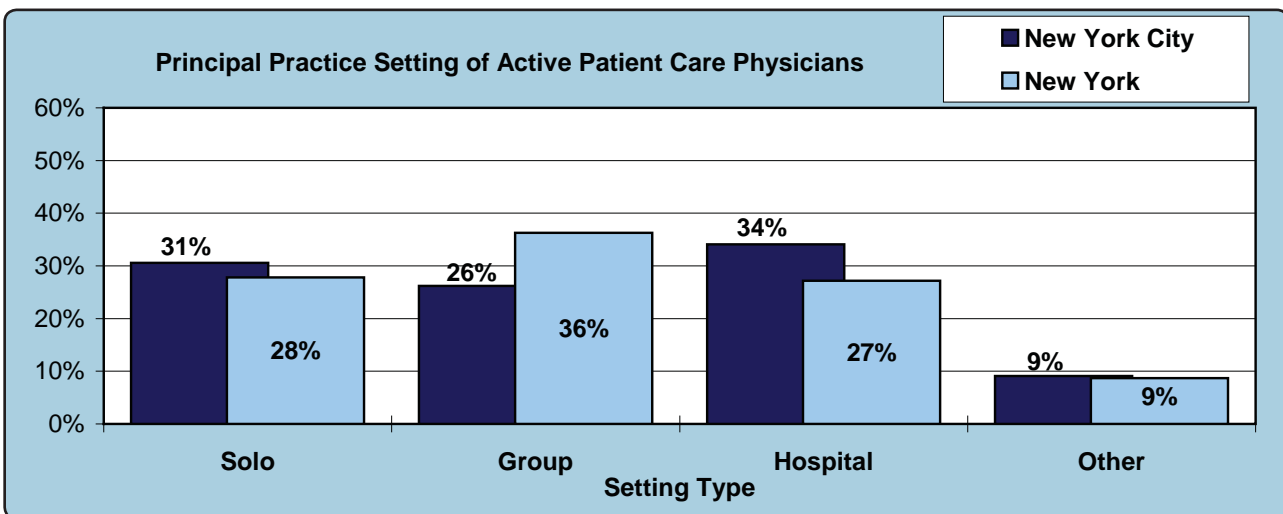
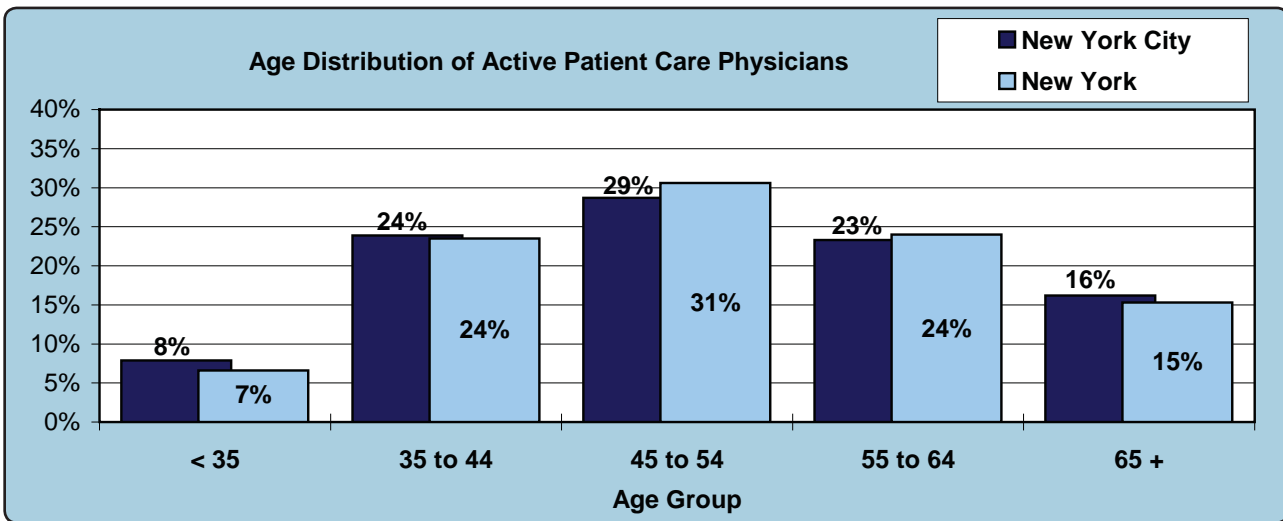
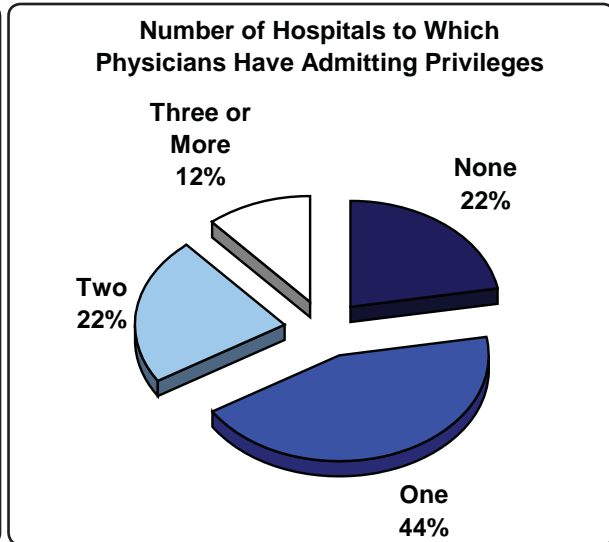
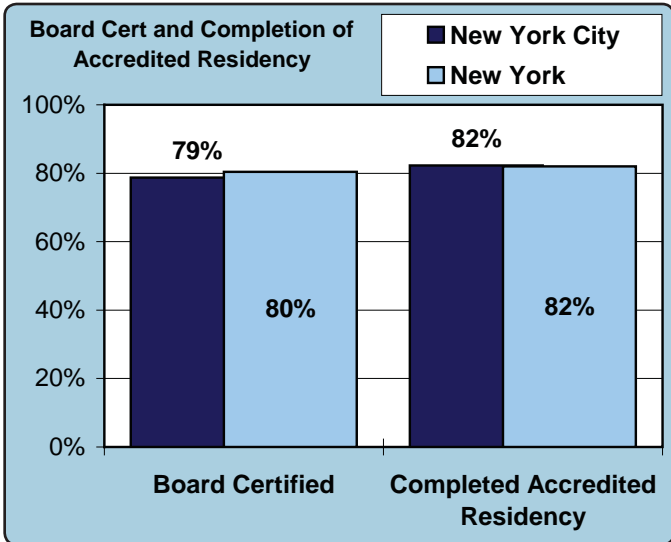
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	511,229	1,757,395	527,769	2,796,393	34%
Other Race/Ethnicity	1,647,160	3,307,321	489,594	5,444,075	66%
<i>Total</i>	2,158,389	5,064,716	1,017,363	8,240,468	
<i>% of Pop.</i>	26%	61%	12%		100%
Percent in Poverty	18.2				
Unemployment Rate*	5.5				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	122,932	(14.9)	Total Deaths	52,871	(638.9)
Births < 2500 gms	10,555	(8.6)	<i>Heart Disease</i>	21,173	(255.9)
Total Pregnancies	217,699	(115.7)	<i>Lung Cancer</i>	2,850	(34.5)
Teen Pregnancies (age 15-19)	22,770	(83.9)	<i>Cerebrovascular Disease</i>	1,601	(19.4)

\*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



# NORTH COUNTRY



	<u>North Country</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	429,301	19,330,667	2%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	806	64,818	1%
Full-time Equivalents	832	58,308	1%
Average Age	52	52	
Percent Female	22%	31%	
Percent Underrepresented Minority	7%	10%	
Percent International Medical Graduate	25%	36%	
Percent NY Medical Graduate	26%	38%	
Percent with Residency Training in NY	42%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	300	308	70	72	16	18	5%	5%
Non-Primary Care	506	524	118	122	51	49	10%	10%
<i>Ob/Gyn</i>	45	50	11	12	-2	-3	-5%	-7%
<i>IM Specialties</i>	64	66	15	15	21	17	46%	35%
<i>General Surgery</i>	30	34	7	8	-3	-3	-8%	-8%
<i>Surgical Specialties</i>	87	97	20	23	0	-4	-1%	-5%
<i>Facility Based</i>	106	116	25	27	26	27	31%	29%
<i>Psychiatry</i>	63	63	15	15	8	11	15%	21%
Total (All Physicians)	806	832	188	194	67	67	8%	8%

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

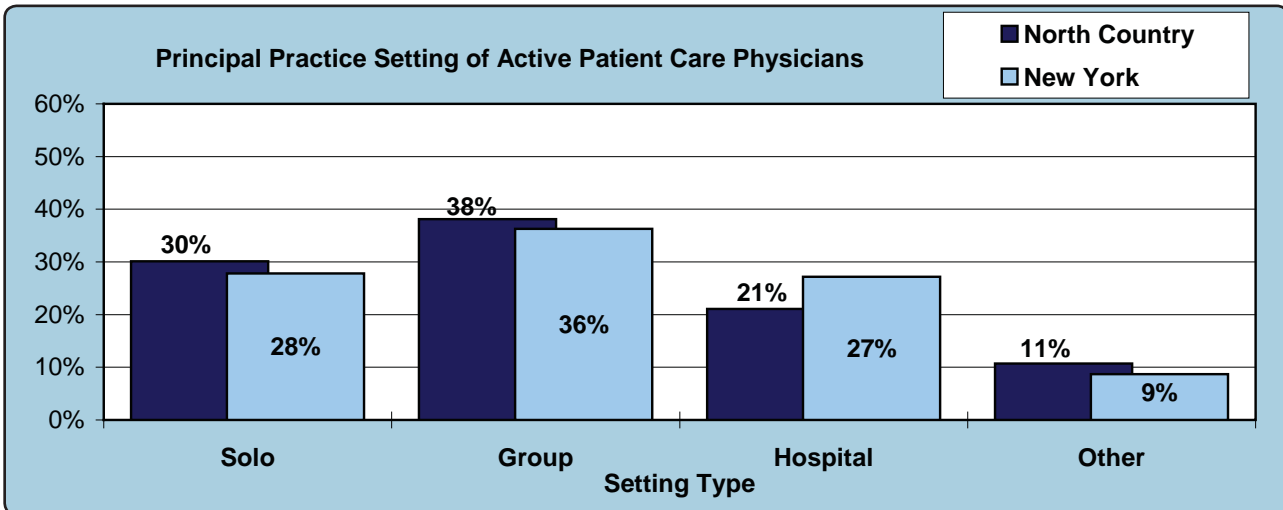
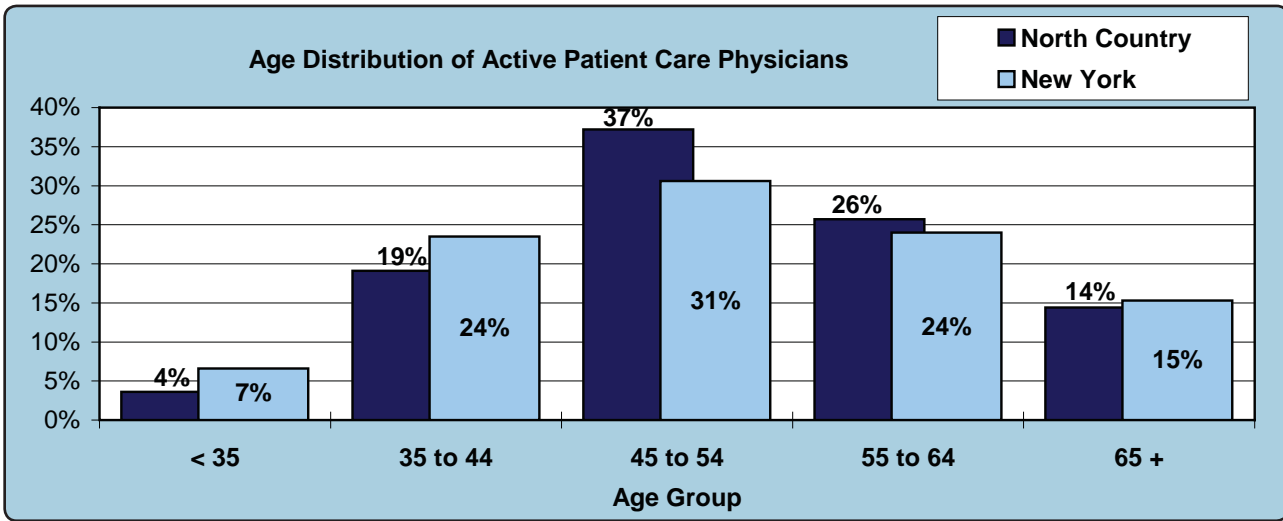
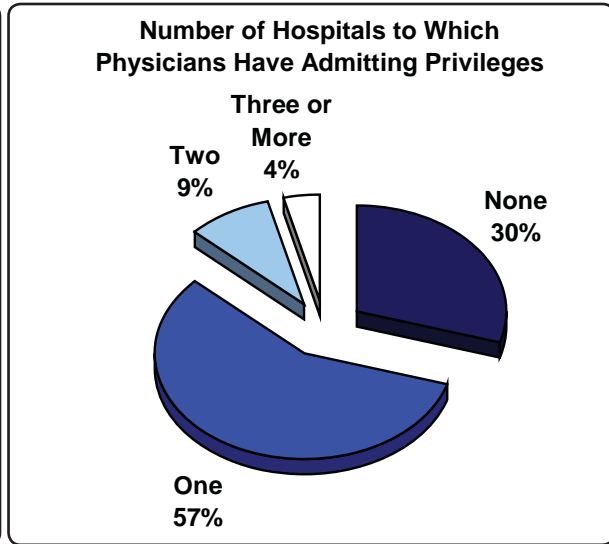
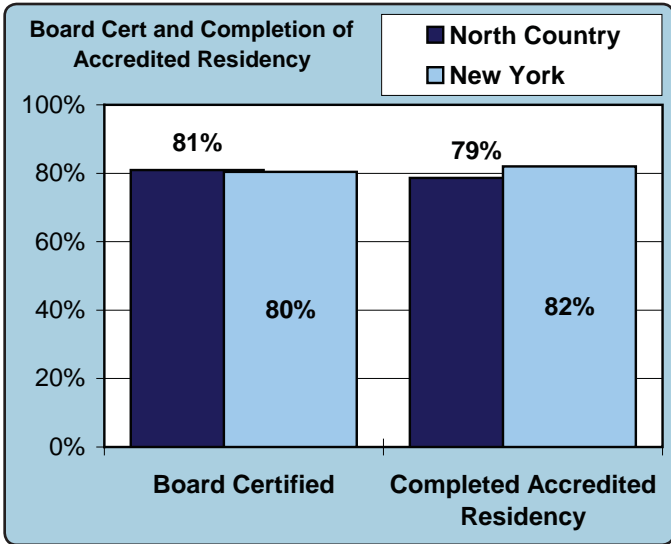
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	91,879	238,613	56,506	386,998	90%
Other Race/Ethnicity	12,619	28,829	855	42,303	10%
<i>Total</i>	<i>104,498</i>	<i>267,442</i>	<i>57,361</i>	<i>429,301</i>	
<i>% of Pop.</i>	<i>24%</i>	<i>62%</i>	<i>13%</i>		<i>100%</i>
Percent in Poverty	15.1				
Unemployment Rate*	6.9				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	5,101	(11.9)	Total Deaths	3,708	(863.6)
Births < 2500 gms	352	(7.0)	<i>Heart Disease</i>	928	(216.1)
Total Pregnancies	6,261	(71.4)	<i>Lung Cancer</i>	299	(69.6)
Teen Pregnancies (age 15-19)	667	(42.6)	<i>Cerebrovascular Disease</i>	169	(39.4)

\*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



# SOUTHERN TIER



	<u>Southern Tier</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	713,716	19,330,667	4%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	1,736	64,818	3%
Full-time Equivalents	1,742	58,308	3%
Average Age	53	52	
Percent Female	21%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical Graduate	29%	36%	
Percent NY Medical Graduate	31%	38%	
Percent with Residency Training in NY	50%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	598	579	84	81	34	17	7%	4%
Non-Primary Care	1,138	1,162	159	163	81	73	9%	8%
<i>Ob/Gyn</i>	91	97	13	14	8	9	11%	11%
<i>IM Specialties</i>	199	207	28	29	19	20	12%	12%
<i>General Surgery</i>	57	62	8	9	-9	-6	-13%	-8%
<i>Surgical Specialties</i>	206	215	29	30	3	-12	2%	-4%
<i>Facility Based</i>	251	267	35	37	37	30	18%	14%
<i>Psychiatry</i>	116	112	16	16	2	7	2%	8%
Total (All Physicians)	1,736	1,742	243	244	115	90	8%	6%

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

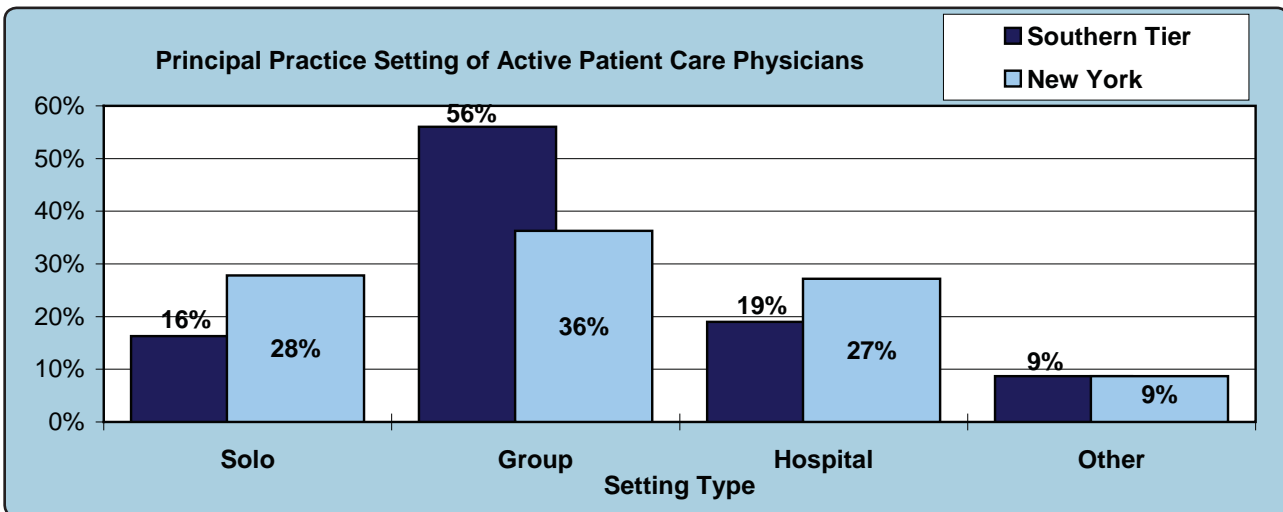
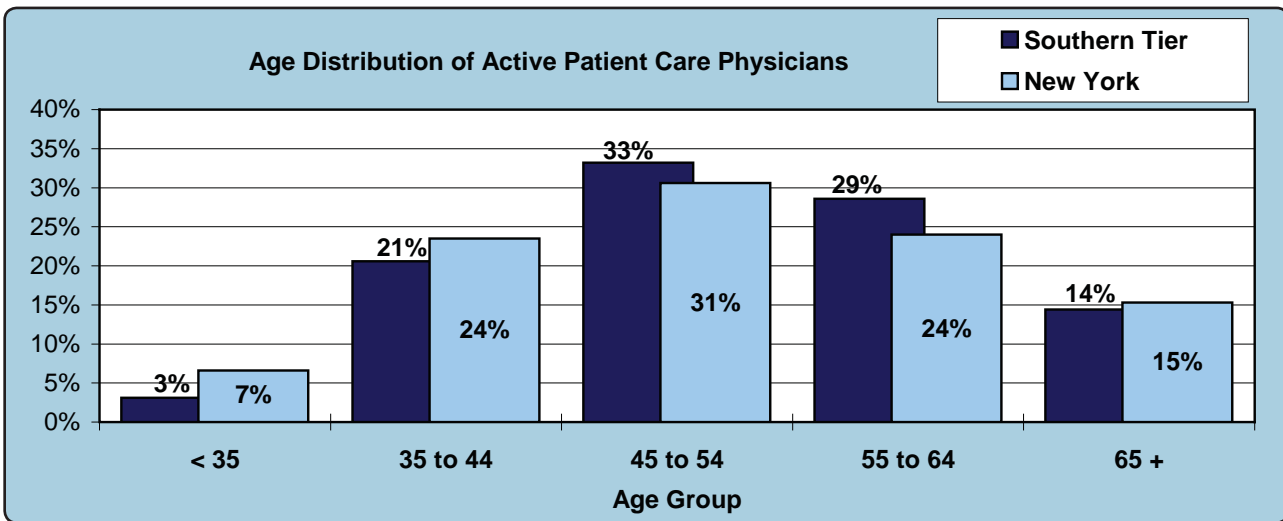
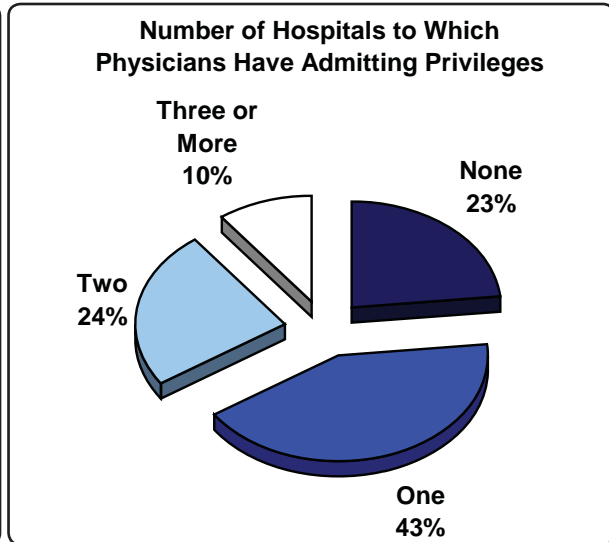
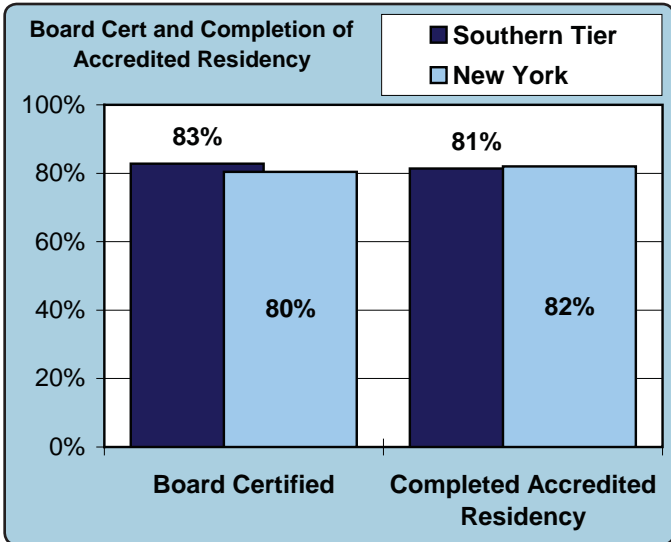
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	146,682	389,770	105,386	641,838	90%
Other Race/Ethnicity	27,480	41,594	2,804	71,878	10%
<i>Total</i>	<i>174,162</i>	<i>431,364</i>	<i>108,190</i>	<i>713,716</i>	
<i>% of Pop.</i>	<i>24%</i>	<i>60%</i>	<i>15%</i>		<i>100%</i>
Percent in Poverty	14.7				
Unemployment Rate*	5.6				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	7,644	(10.7)	Total Deaths	6,910	(971.5)
Births < 2500 gms	595	(7.8)	<i>Heart Disease</i>	1,944	(273.3)
Total Pregnancies	10,074	(66.9)	<i>Lung Cancer</i>	501	(70.5)
Teen Pregnancies (age 15-19)	1,113	(37.6)	<i>Cerebrovascular Disease</i>	332	(46.7)

\*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.

# SOUTHERN TIER



# WESTERN NEW YORK



	<u>Western New York</u>	<u>New York</u>	<u>% of New York</u>
<b>2008 Population</b>	1,393,156	19,330,667	7%
<b>Profile of Active Patient Care Physicians, 2008</b>			
Number of Physicians	3,414	64,818	5%
Full-time Equivalents	3,260	58,308	6%
Average Age	52	52	
Percent Female	25%	31%	
Percent Underrepresented Minority	6%	10%	
Percent International Medical Graduate	33%	36%	
Percent NY Medical Graduate	43%	38%	
Percent with Residency Training in NY	68%	77%	

<u>Specialty Group*</u>	<u>Physician Supply, 2008</u>				<u>Change in Supply, 2004-2008</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	1,102	1,051	79	75	46	63	7%	9%
Non-Primary Care	2,312	2,209	166	159	151	144	9%	9%
<i>Ob/Gyn</i>	186	187	13	13	15	19	11%	14%
<i>IM Specialties</i>	423	410	30	29	51	40	16%	13%
<i>General Surgery</i>	109	105	8	8	4	-2	6%	1%
<i>Surgical Specialties</i>	434	435	31	31	-5	-6	1%	1%
<i>Facility Based</i>	459	467	33	34	50	41	15%	12%
<i>Psychiatry</i>	187	159	13	11	9	0	8%	2%
Total (All Physicians)	3,414	3,260	245	234	197	207	9%	9%

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

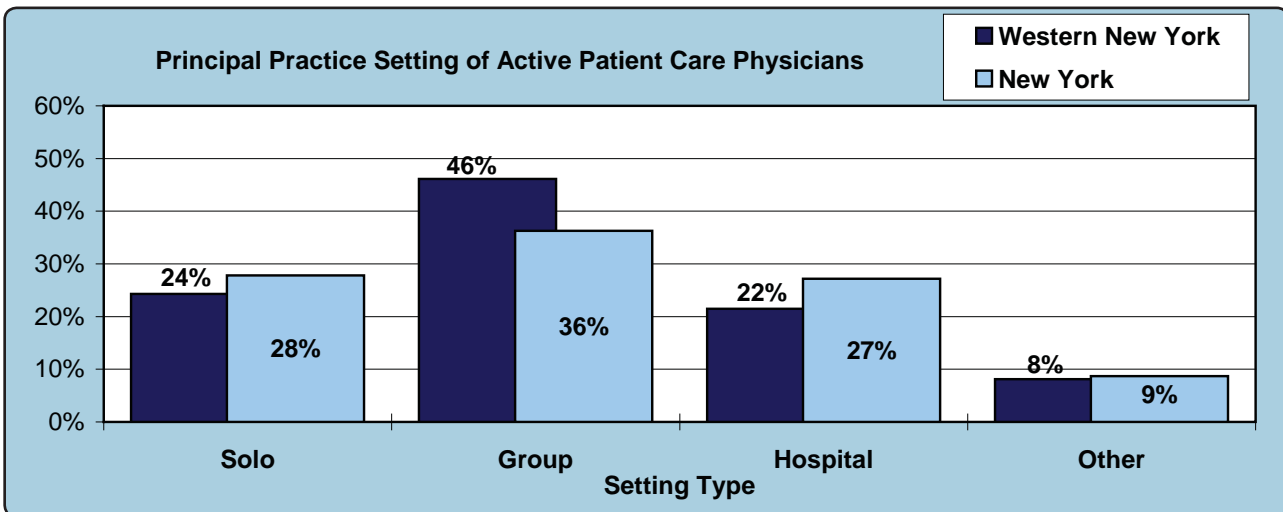
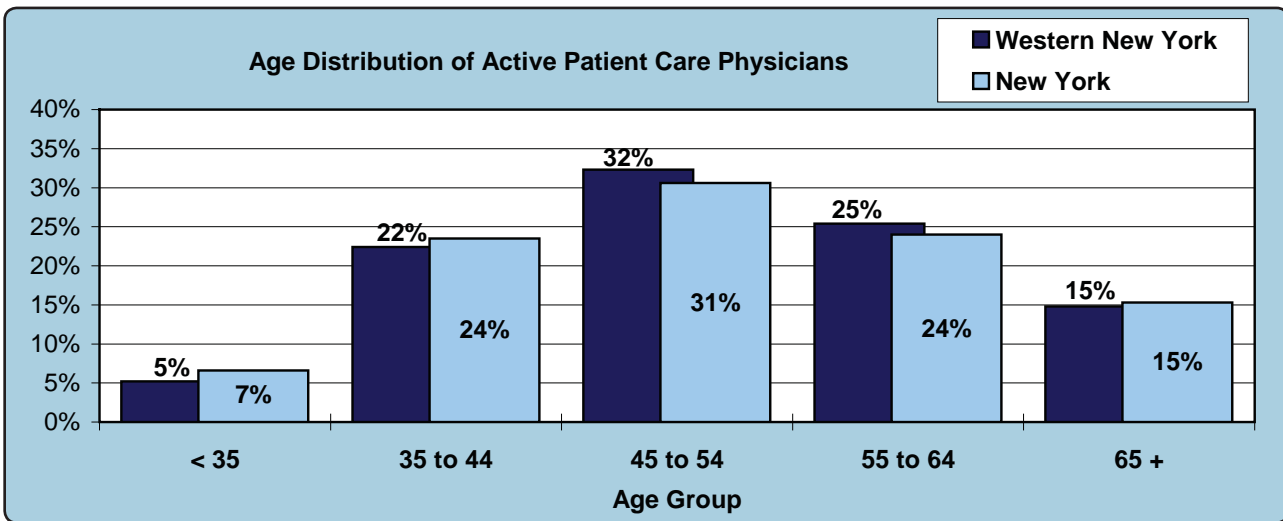
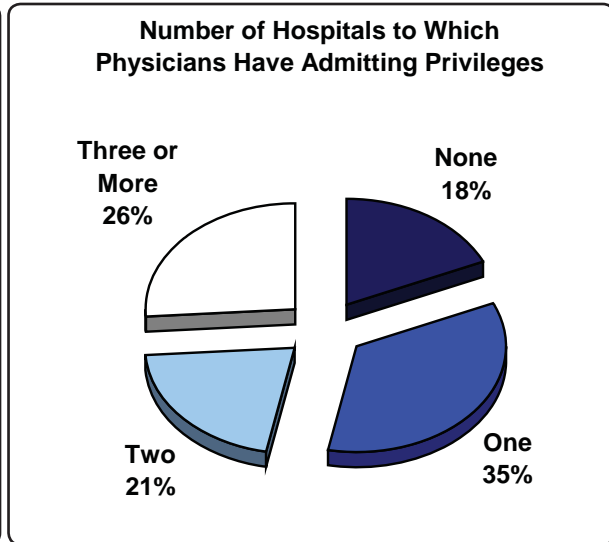
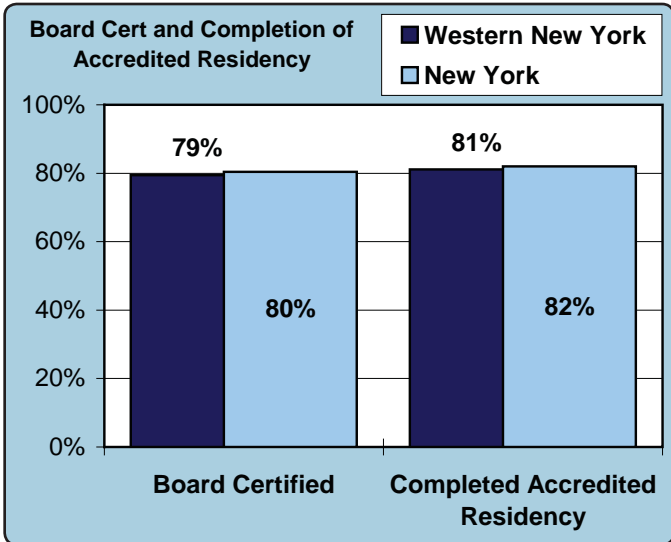
<b>Selected Population Characteristics, 2008</b>					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	264,477	695,089	198,978	1,158,544	83%
Other Race/Ethnicity	83,829	131,652	19,131	234,612	17%
<i>Total</i>	<i>348,306</i>	<i>826,741</i>	<i>218,109</i>	<i>1,393,156</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>59%</i>	<i>16%</i>		<i>100%</i>
Percent in Poverty	13.9				
Unemployment Rate*	6.0				

\*Unemployment rate is per 100 persons in the labor force.

<b>Health Status Indicators, 2007*</b>					
Total Births	15,295	(11.0)	Total Deaths	14,462	(1,039.0)
Births < 2500 gms	1,179	(7.7)	<i>Heart Disease</i>	4,074	(292.7)
Total Pregnancies	21,578	(78.0)	<i>Lung Cancer</i>	977	(70.2)
Teen Pregnancies (age 15-19)	2,627	(50.6)	<i>Cerebrovascular Disease</i>	752	(54.0)

\*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.

# WESTERN NEW YORK





## ***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

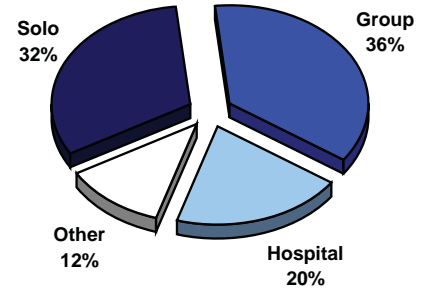


# PRIMARY CARE

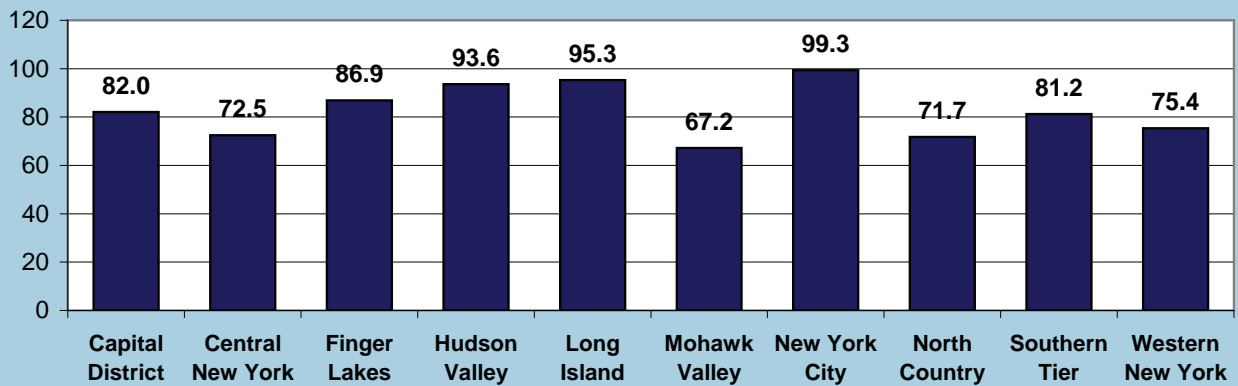


	<u>Spec</u>	<u>All Spec</u>
<b>Active Patient Care Physicians, 2008</b>		
Physicians in Specialty* (% of All Spec)	19,676	(30.4%)
Patient Care FTE in Specialty* (% of All Spec)	17,692	(30.3%)
Average Age	52	52
Percent Female	38%	31%
Percent Underrepresented Minority	13%	10%
Percent International Medical Graduate	44%	36%
Percent Board Certified	78%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	12,191	
# of Hospitals to Which Drs Have Admitting Privileges		
None	16%	21%
One Hospital	47%	41%
Two or More Hospitals	37%	38%

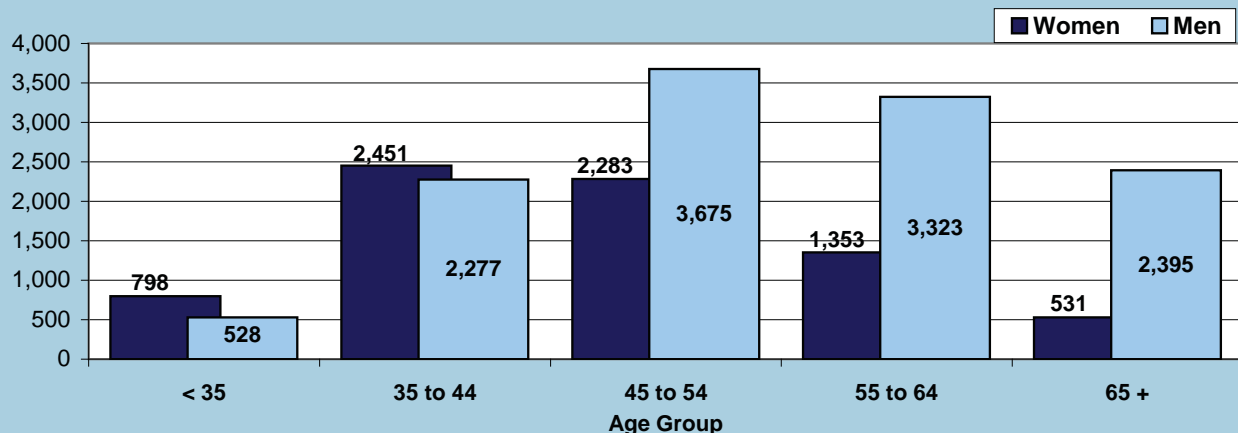
Principal Practice Setting



Active Patient Care FTEs per 100,000 Population by Region in New York, 2008



Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2008



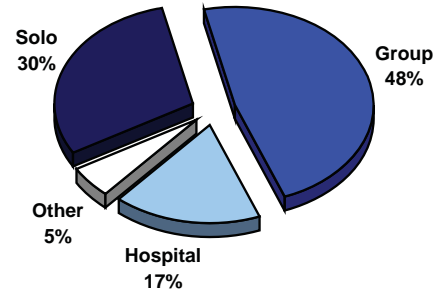
# OBSTETRICS/GYNECOLOGY



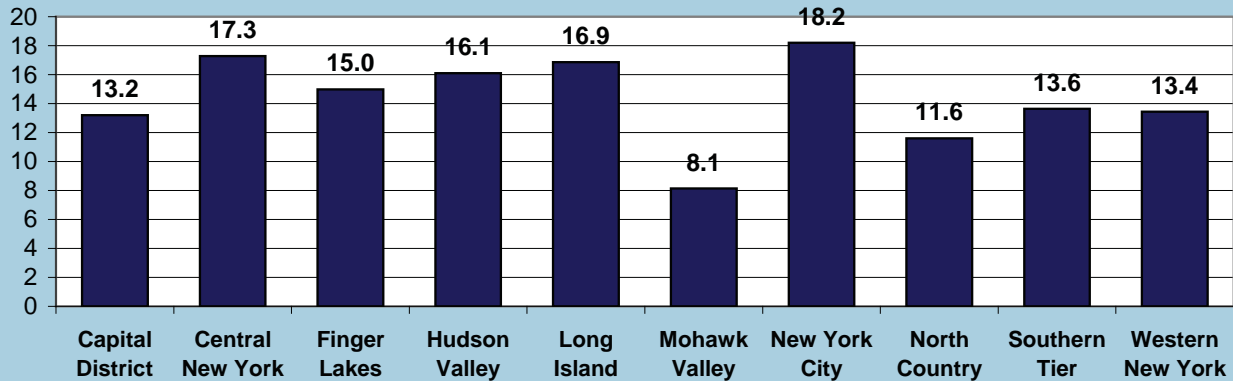
## Active Patient Care Physicians, 2008

	Spec	All Spec
Physicians in Specialty* (% of All Spec)	3,402	(5.2%)
Patient Care FTE in Specialty* (% of All Spec)	3,156	(5.4%)
Average Age	52	52
Percent Female	44%	31%
Percent Underrepresented Minority	16%	10%
Percent International Medical Graduate	32%	36%
Percent Board Certified	81%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	1,292	
# of Hospitals to Which Drs Have Admitting Privileges		
None	7%	21%
One Hospital	47%	41%
Two or More Hospitals	46%	38%

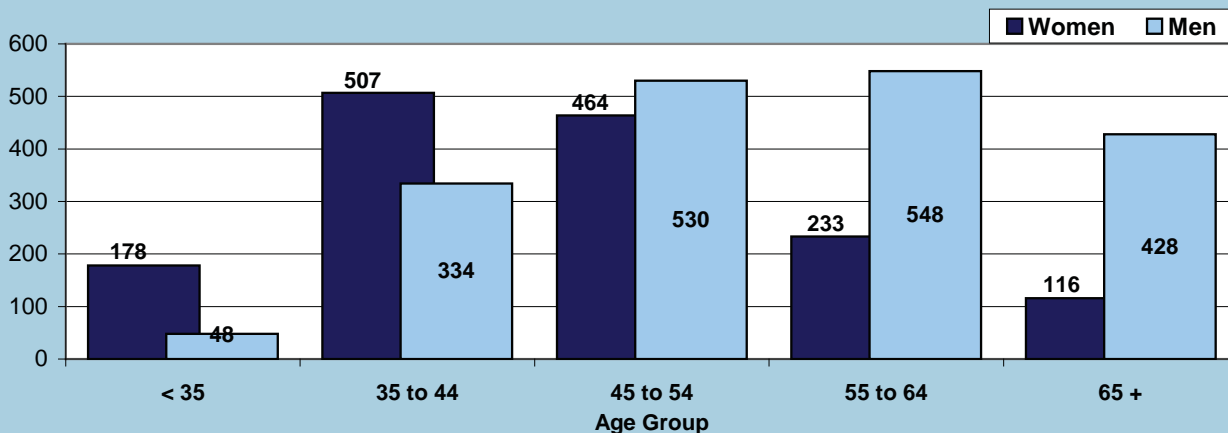
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2008



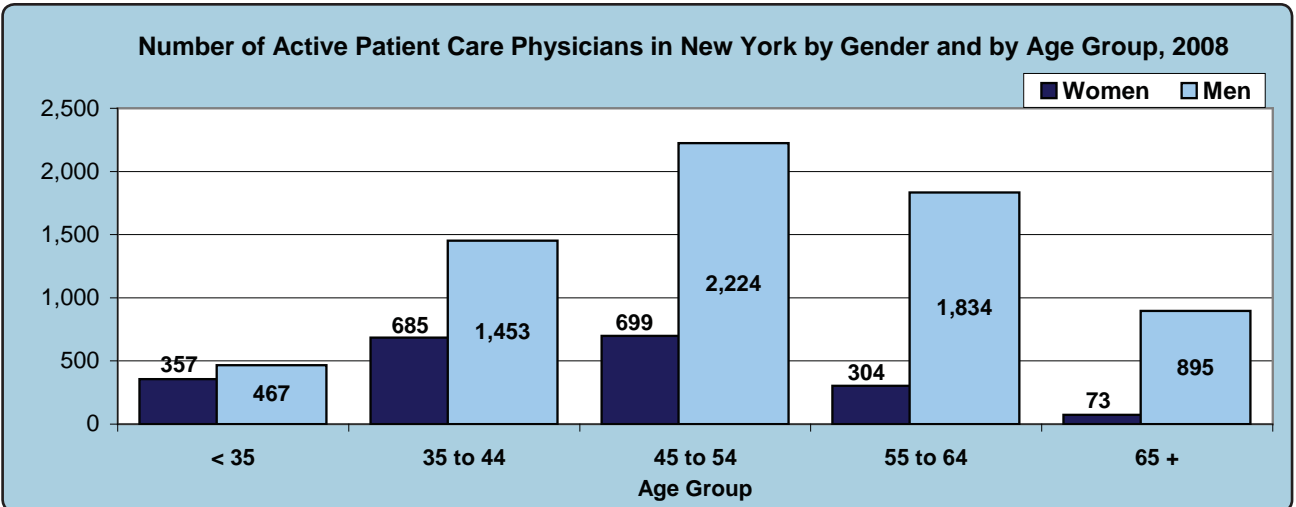
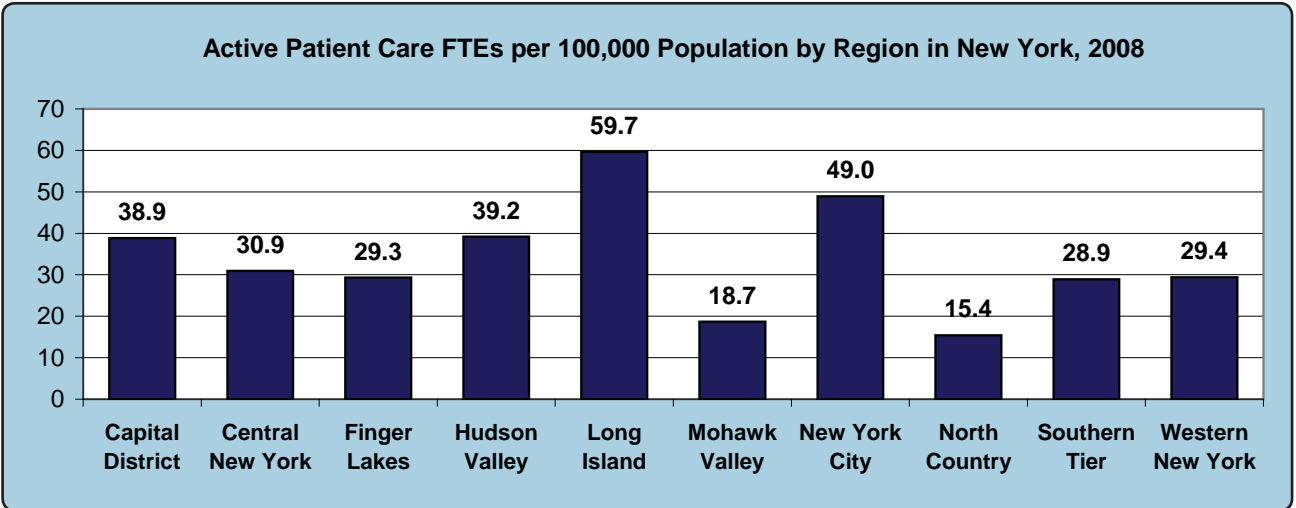
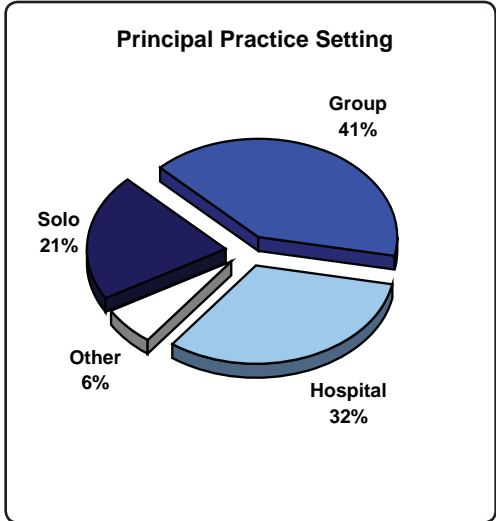
## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2008



# INTERNAL MEDICINE SPECIALTIES



<b>Active Patient Care Physicians, 2008</b>	<b>Spec</b>	<b>All Spec</b>
Physicians in Specialty* (% of All Spec)	9,026	(13.9%)
Patient Care FTE in Specialty* (% of All Spec)	8,359	(14.3%)
Average Age	50	52
Percent Female	24%	31%
Percent Underrepresented Minority	7%	10%
Percent International Medical Graduate	32%	36%
Percent Board Certified	85%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	6,295	
# of Hospitals to Which Drs Have Admitting Privileges		
None	11%	21%
One Hospital	40%	41%
Two or More Hospitals	48%	38%



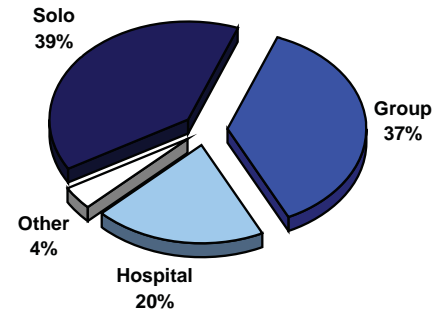
# GENERAL SURGERY



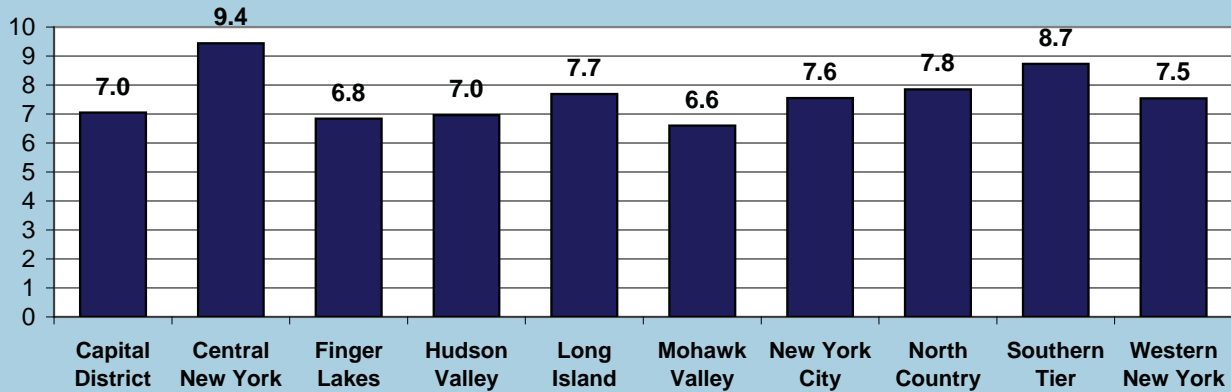
## Active Patient Care Physicians, 2008

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	1,548	(2.4%)
Patient Care FTE in Specialty* (% of All Spec)	1,455	(2.5%)
Average Age	56	52
Percent Female	12%	31%
Percent Underrepresented Minority	12%	10%
Percent International Medical Graduate	38%	36%
Percent Board Certified	85%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	921	
# of Hospitals to Which Drs Have Admitting Privileges		
None	9%	21%
One Hospital	40%	41%
Two or More Hospitals	51%	38%

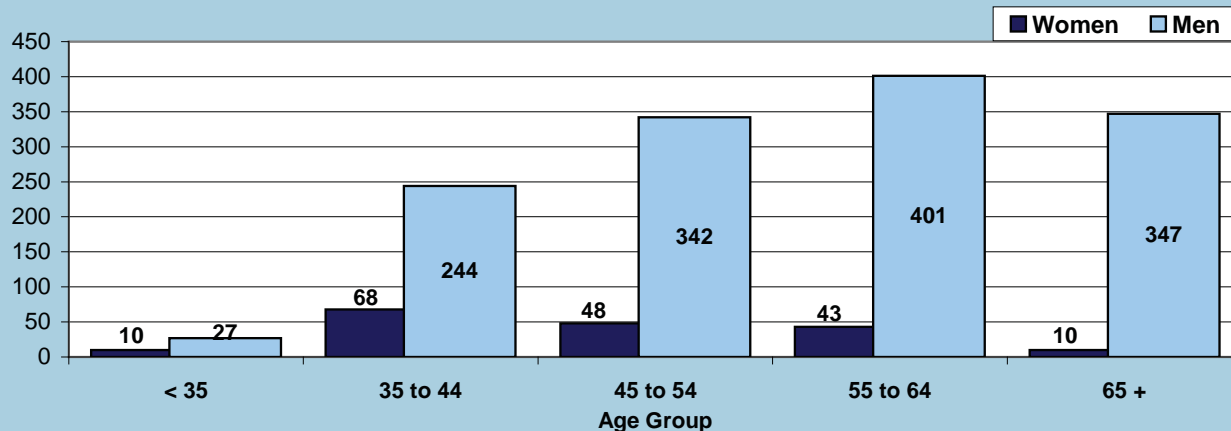
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2008



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2008

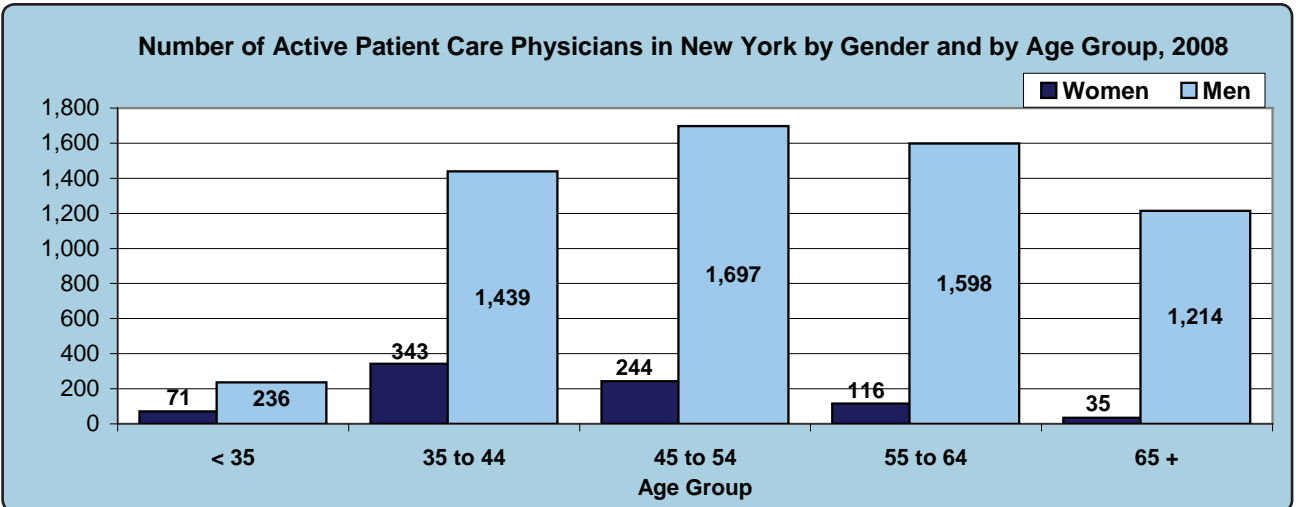
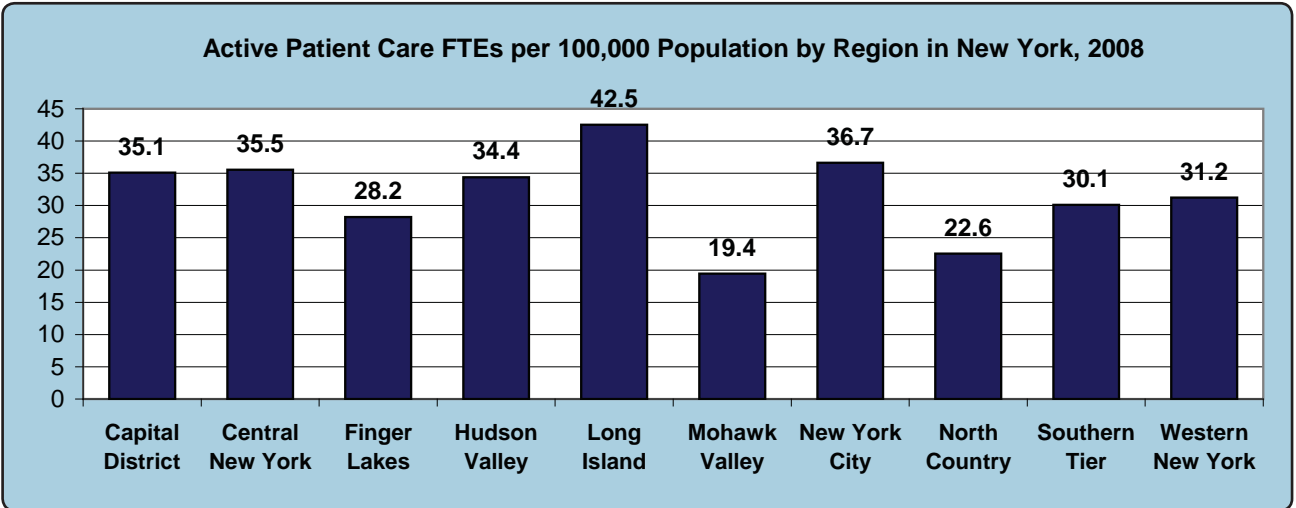
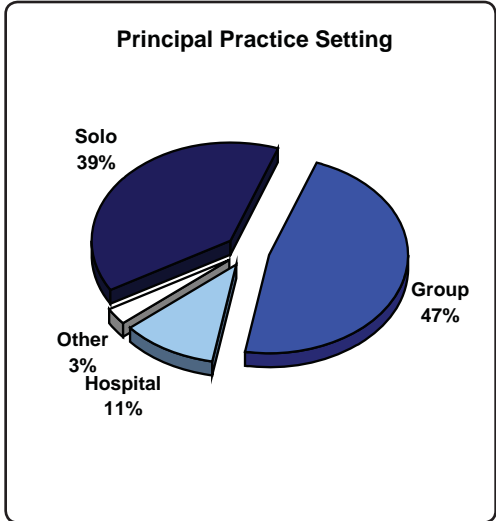




# SURGICAL SPECIALTIES



<b>Active Patient Care Physicians, 2008</b>	<b>Spec</b>	<b>All Spec</b>
Physicians in Specialty* (% of All Spec)	7,022	(10.8%)
Patient Care FTE in Specialty* (% of All Spec)	6,802	(11.7%)
Average Age	53	52
Percent Female	12%	31%
Percent Underrepresented Minority	6%	10%
Percent International Medical Graduate	17%	36%
Percent Board Certified	85%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	3,094	
# of Hospitals to Which Drs Have Admitting Privileges		
None	8%	21%
One Hospital	26%	41%
Two or More Hospitals	67%	38%



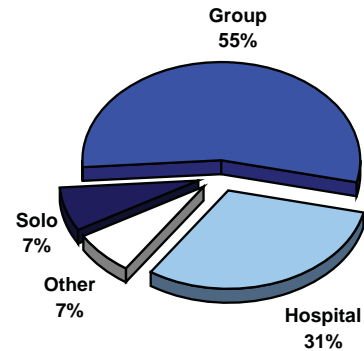
# FACILITY BASED



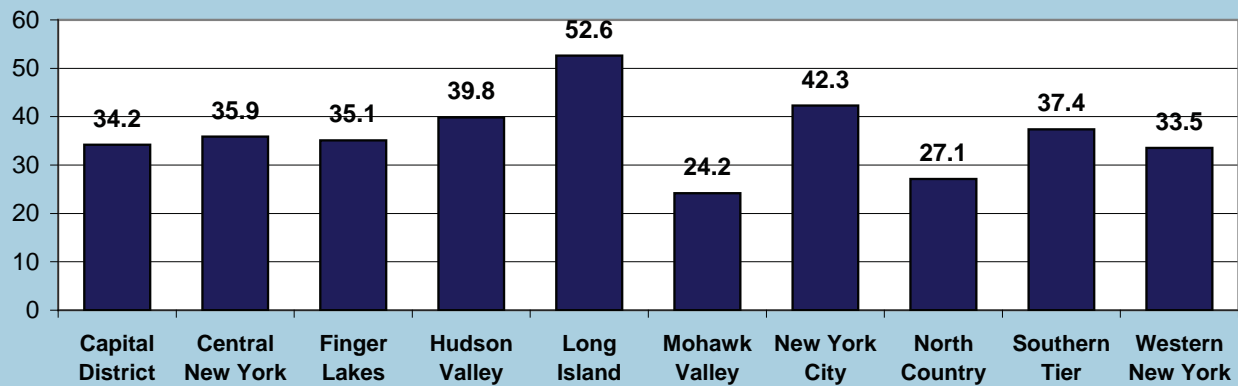
## Active Patient Care Physicians, 2008

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	7,942	(12.3%)
Patient Care FTE in Specialty* (% of All Spec)	7,873	(13.5%)
Average Age	52	52
Percent Female	30%	31%
Percent Underrepresented Minority	7%	10%
Percent International Medical Graduate	39%	36%
Percent Board Certified	83%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	2,958	
# of Hospitals to Which Drs Have Admitting Privileges		
None	47%	21%
One Hospital	34%	41%
Two or More Hospitals	19%	38%

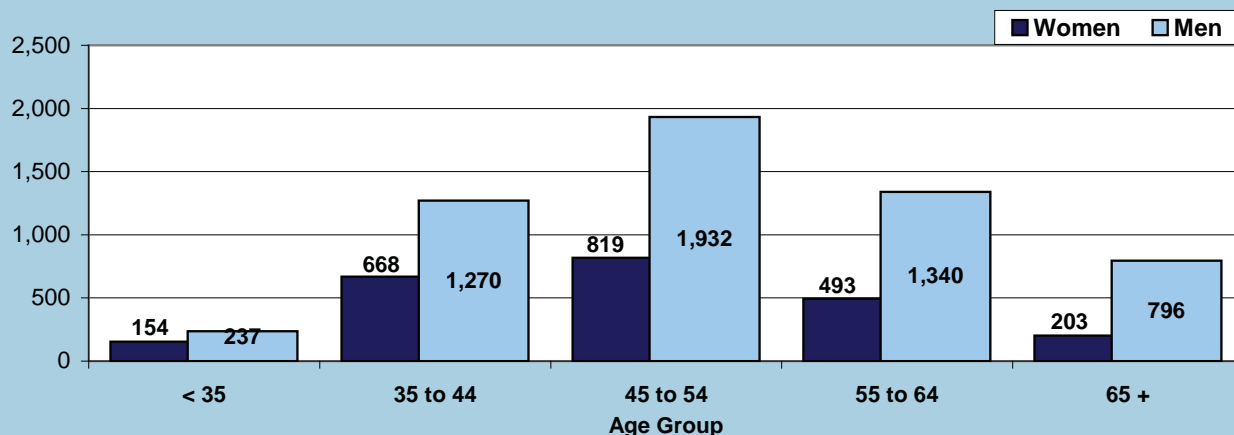
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2008



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2008



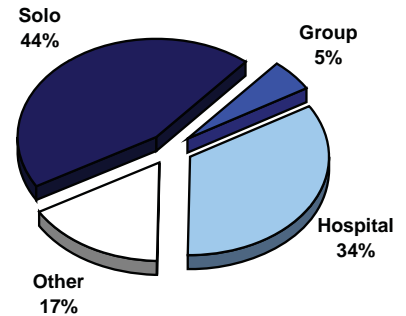
# PSYCHIATRY



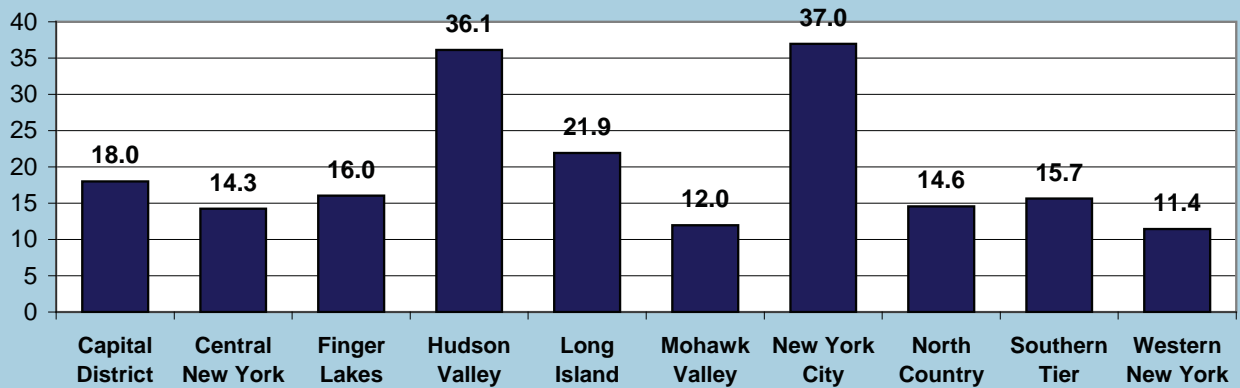
## Active Patient Care Physicians, 2008

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	6,696	(10.3%)
Patient Care FTE in Specialty* (% of All Spec)	5,364	(9.2%)
Average Age	57	52
Percent Female	36%	31%
Percent Underrepresented Minority	11%	10%
Percent International Medical Graduate	39%	36%
Percent Board Certified	72%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	3,791	
# of Hospitals to Which Drs Have Admitting Privileges		
None	37%	21%
One Hospital	46%	41%
Two or More Hospitals	17%	38%

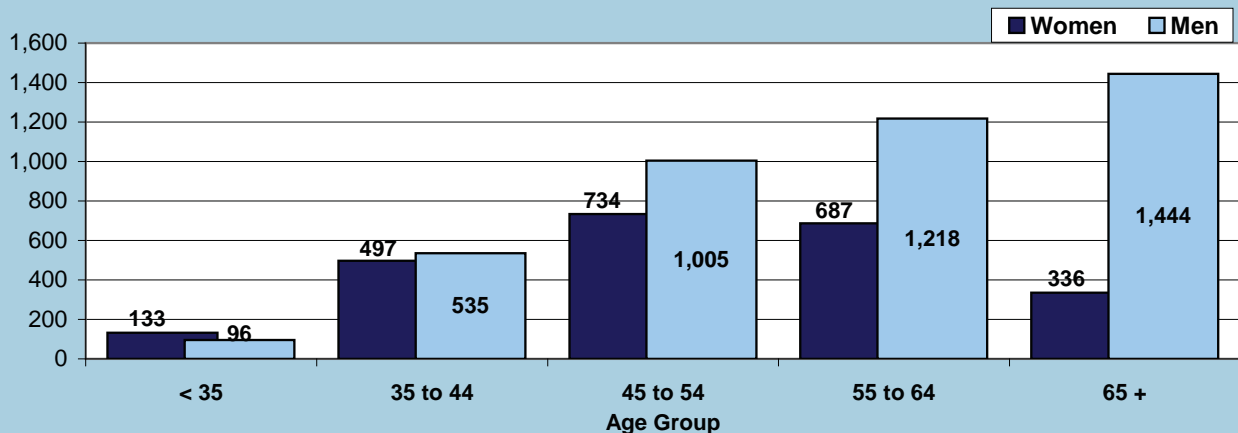
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2008



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2008



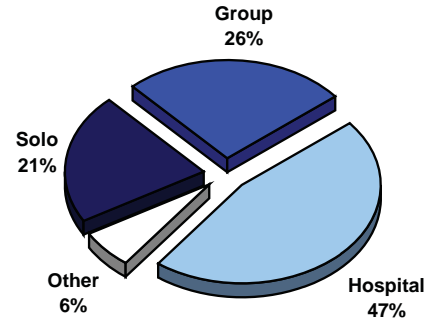
# OTHER SPECIALTIES



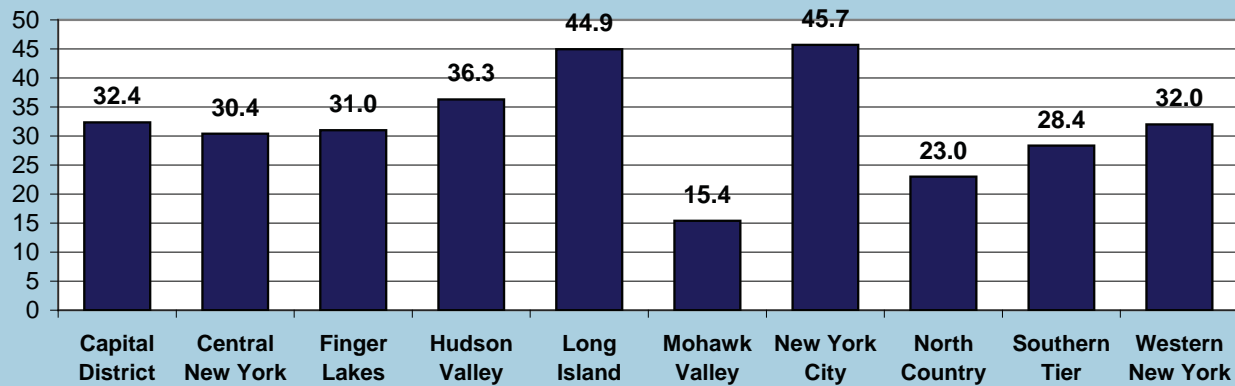
## Active Patient Care Physicians, 2008

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty* (% of All Spec)	9,506	(14.7%)
Patient Care FTE in Specialty* (% of All Spec)	7,607	(13.0%)
Average Age	49	52
Percent Female	35%	31%
Percent Underrepresented Minority	9%	10%
Percent International Medical Graduate	30%	36%
Percent Board Certified	80%	80%
*Based on Principal Specialty		
# of Drs Listing as Secondary Specialty	7,219	
# of Hospitals to Which Drs Have Admitting Privileges		
None	29%	21%
One Hospital	39%	41%
Two or More Hospitals	33%	38%

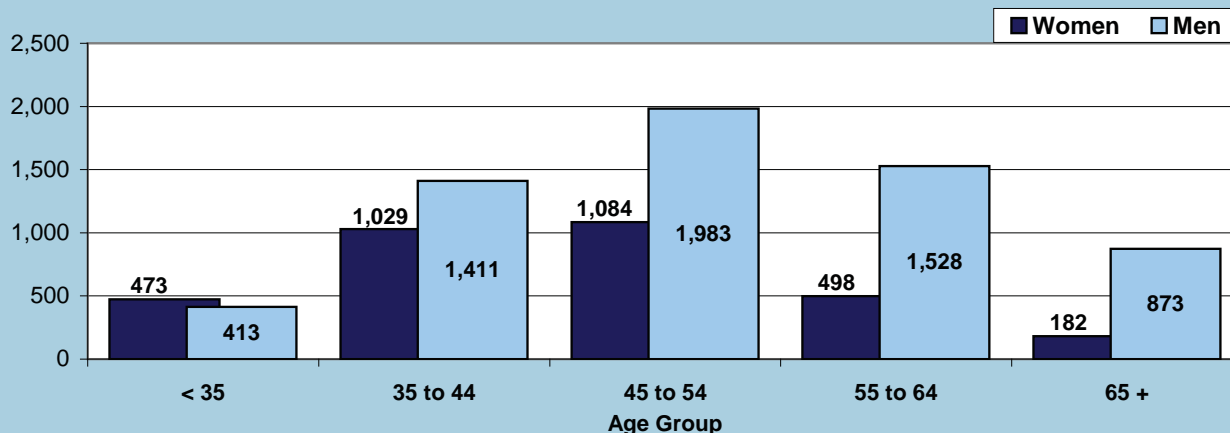
## Principal Practice Setting



## Active Patient Care FTEs per 100,000 Population by Region in New York, 2008



## Number of Active Patient Care Physicians in New York by Gender and by Age Group, 2008



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





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**

Number \_\_\_\_\_ Street \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_

**Zip Code**

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

**Patient Care Hours**

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

0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
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

**Secondary Location**

Number \_\_\_\_\_ Street \_\_\_\_\_

City/Town \_\_\_\_\_ State \_\_\_\_\_

**Zip Code**

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

**Patient Care Hours**

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

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                                  |

6

**CURRENT TRAINING STATUS**

- Resident  Fellow  Neither

7

**CURRENT ACTIVITIES IN MEDICINE**

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

	Hours/Week				
Name	1-9	10-19	20-29	30-39	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 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:

- |  |  |
|--|--|
| <input type="radio"/> Albany Medical College                   | <input type="radio"/> New York Medical College |
| <input type="radio"/> Albert Einstein (Yeshiva University)     | <input type="radio"/> New York University      |
| <input type="radio"/> Columbia University                      | <input type="radio"/> SUNY Brooklyn            |
| <input type="radio"/> Cornell University                       | <input type="radio"/> SUNY at Buffalo          |
| <input type="radio"/> Mount Sinai School of Medicine           | <input type="radio"/> SUNY at Stony Brook      |
| <input type="radio"/> New York College of Osteopathic Medicine | <input type="radio"/> SUNY Syracuse            |
|  | <input type="radio"/> University of Rochester  |

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

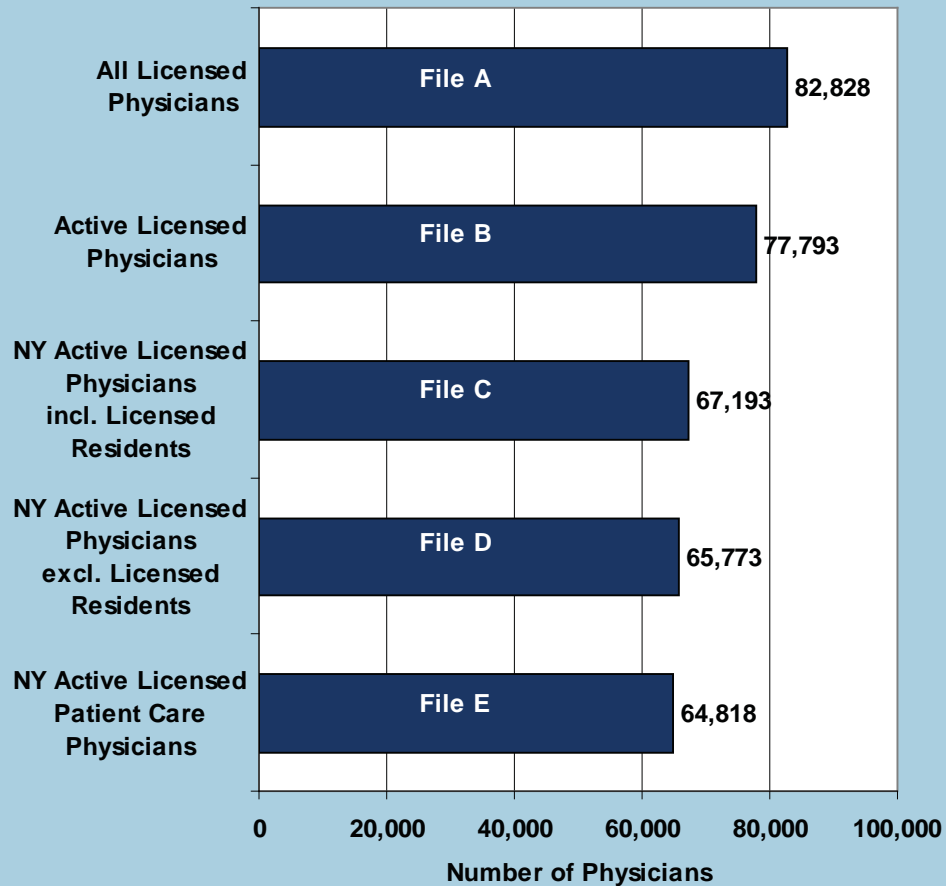
Five data files were created from the survey response data. All of the tabulations in this report are of active patient care physicians (File E). Since File E was created by adjusting the other four files, each of the files is described below. State physician estimates for each of the files are presented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

<b>A</b>	<b>Baseline Survey Response File (All Licensed Physicians)</b>	<b>65,633</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>-3,989</u></b>
<b>B</b>	<b>Licensed Physicians Active in Medicine</b>	<b>61,644</b>
	<i>Less Physicians with only out-of-state Practice Locations (Q10)</i>	<b><u>- 8,400</u></b>
<b>C</b>	<b>Active Licensed Physicians in New York</b>	<b>53,244</b>
	<i>Less licensed Residents (Q6)</i>	<b><u>- 1,125</u></b>
<b>D</b>	<b>Active Licensed Physicians in New York, less Residents</b>	<b>52,119</b>
	<i>Less no Patient Care Hours (Q7)</i>	<b><u>- 757</u></b>
<b>E</b>	<b>Active Licensed Patient Care Physicians in New York</b>	<b>51,362</b>
	<i>Adjust for non-response</i>	<b><u>x 1.2620*</u></b>
	<b>Weighted Active Licensed Patient Care Physicians in New York</b>	<b>64,818</b>

\*  $82,828/65,633 = 1.2620$

The weight was based on responses for the entire licensed physician population. In 2007 and 2008, there were approximately 82,828 physicians licensed in New York and the baseline response for the state was 65,633.

**Figure B-1. Estimates of Physician Counts in New York, 2008**



## 2. 2004 Active Patient Care Physicians in New York Estimates

The 2004 physician estimates used in the change in supply calculation were based on data from the 2003 and 2004 New York State Physician Licensure Re-registration Survey and were calculated analogously to the 2008 estimates. During 2003 and 2004, the survey had an estimated response rate of 82% (62,586 out of 76,116).

## 3. Full-time Equivalent Estimates

The Full-time Equivalent (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 and 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 2007 and 2008. For convenience, however, the numbers and tabulations reported reference the year 2008. 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 five 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* and *Median Income* 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 December 1, 2009 from <http://www.census.gov/hhes/www/saipe/index.html>.

*Unemployment Rate* in the selected population characteristics table was obtained from the U.S. Bureau of Labor Statistics. These data were retrieved on December 1, 2009 from <http://www.bls.gov/Lau/>.

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 1, 2009 from the Bureau of Biometrics and Health Statistics intranet at <http://biometrics/pops/claritas.htm>.

The information in the health status indicators table was obtained from the New York State Department of Health, New York State County Health Indicator Profiles. These data were retrieved on October 13, 2009 from <http://www.health.state.ny.us/statistics/chip/index.htm>.

Population estimates used to estimate the 2004 physician to population ratios 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, 2008**

<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>Capital District</b>	<b>2,881</b>	<b>270</b>	<b>2,783</b>	<b>261</b>
Albany	1,369	460	1,306	439
Columbia	117	187	108	171
Greene	37	73	33	66
Rensselaer	284	182	271	174
Saratoga	348	160	348	160
Schenectady	448	295	437	288
Warren	235	352	245	366
Washington	43	67	36	56
<b>Central New York</b>	<b>1,810</b>	<b>256</b>	<b>1,744</b>	<b>246</b>
Cayuga	111	137	110	136
Cortland	72	149	73	150
Onondaga	1,517	333	1,441	316
Oswego	110	89	120	97
<b>Finger Lakes</b>	<b>3,300</b>	<b>277</b>	<b>2,964</b>	<b>248</b>
Genesee	90	153	95	163
Livingston	63	99	63	99
Monroe	2,667	366	2,335	321
Ontario	266	253	258	246
Orleans	35	82	31	73
Seneca	21	62	19	55
Wayne	77	83	77	83
Wyoming	49	116	52	123
Yates	32	128	33	132
<b>Hudson Valley</b>	<b>7,494</b>	<b>327</b>	<b>6,927</b>	<b>303</b>
Dutchess	790	266	749	252
Orange	803	210	815	213
Putnam	241	238	247	244
Rockland	988	334	932	315
Sullivan	115	149	115	149
Ulster	371	202	354	193
Westchester	4,186	440	3,715	390
<b>Long Island</b>	<b>10,160</b>	<b>364</b>	<b>9,534</b>	<b>342</b>
Nassau	6,161	467	5,765	437
Suffolk	3,999	272	3,769	256
<b>Mohawk Valley</b>	<b>852</b>	<b>169</b>	<b>865</b>	<b>172</b>
Fulton	74	134	76	138
Herkimer	50	80	48	76
Madison	115	163	115	164
Montgomery	91	185	99	202
Oneida	495	212	502	215
Schoharie	27	82	25	77
<b>New York City</b>	<b>32,365</b>	<b>393</b>	<b>27,658</b>	<b>336</b>
Bronx	3,985	293	3,336	245
Kings	6,663	265	5,982	238
New York	15,857	976	13,040	803
Queens	4,613	204	4,119	182
Richmond	1,247	258	1,181	245

*continued ...*

**Table C-1. Physician Counts, FTEs, and Per Population Ratios in New York Regions and Counties, 2008 (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>North Country</b>	<b>806</b>	<b>188</b>	<b>832</b>	<b>194</b>
Clinton	235	284	236	286
Essex	35	92	37	95
Franklin	102	201	98	192
Hamilton	--	--	--	--
Jefferson	212	186	223	195
Lewis	33	123	35	133
St. Lawrence	188	169	201	181
<b>Southern Tier</b>	<b>1,736</b>	<b>243</b>	<b>1,742</b>	<b>244</b>
Broome	578	296	565	290
Chemung	255	290	268	305
Chenango	69	134	69	133
Delaware	45	97	47	101
Otsego	302	482	303	483
Schuyler	30	156	31	161
Steuben	204	209	215	219
Tioga	21	42	22	43
Tompkins	231	229	222	220
<b>Western New York</b>	<b>3,414</b>	<b>245</b>	<b>3,260</b>	<b>234</b>
Allegany	45	91	46	92
Cattaraugus	125	155	135	167
Chautauqua	225	167	246	183
Erie	2,711	297	2,514	275
Niagara	308	143	319	148
<b>Total</b>	<b>64,818</b>	<b>335</b>	<b>58,308</b>	<b>302</b>

**NOTES:**

Figures exclude residents.

Columns may not sum to totals due to rounding.

--" indicates physician count fewer than five.

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



**Table D-1. Physician Counts, FTEs, and Per Population Ratios by Specialty in New York, 2008**

Specialty	Physicians per 100,000		FTEs	FTEs per 100,000
	Physicians	Population		Population
<b>Primary Care</b>	<b>19,676</b>	<b>102</b>	<b>17,692</b>	<b>92</b>
Family Medicine (includes General Practice)	4,836	25	4,279	22
General Internal Medicine	10,064	52	9,265	48
General Pediatrics	4,775	25	4,148	21
<b>Obstetrics/Gynecology</b>	<b>3,402</b>	<b>18</b>	<b>3,156</b>	<b>16</b>
Obstetrics and Gynecology	2,554	13	2,563	13
Gynecology	848	4	593	3
<b>IM Specialties</b>	<b>9,026</b>	<b>47</b>	<b>8,359</b>	<b>43</b>
Cardiovascular Disease	2,400	12	2,459	13
Critical Care	290	2	281	1
Endocrinology and Metabolism	618	3	493	3
Gastroenterology	1,349	7	1,404	7
Geriatrics	395	2	295	2
Infectious Disease	697	4	499	3
Medical Oncology	1,085	6	982	5
Nephrology	743	4	709	4
Pulmonary Disease	815	4	751	4
Rheumatology	411	2	332	2
Other IM Specialties	221	1	152	1
<b>General Surgery</b>	<b>1,548</b>	<b>8</b>	<b>1,455</b>	<b>8</b>
<b>Surgical Specialties</b>	<b>7,022</b>	<b>36</b>	<b>6,802</b>	<b>35</b>
Ophthalmology	1,903	10	1,717	9
Otolaryngology	727	4	703	4
Surgery, Neurological	328	2	335	2
Surgery, Orthopedic	1,474	8	1,409	7
Surgery, Plastic	660	3	640	3
Surgery, Thoracic	347	2	374	2
Urology	856	4	883	5
Other Surgical Specialties	727	4	740	4
<b>Facility Based</b>	<b>7,942</b>	<b>41</b>	<b>7,873</b>	<b>41</b>
Anesthesiology	3,340	17	3,604	19
Pathology (General and Subspecialties)	1,439	7	1,166	6
Radiology (Diagnostic and Therapeutic)	3,163	16	3,104	16
<b>Psychiatrists</b>	<b>6,696</b>	<b>35</b>	<b>5,364</b>	<b>28</b>
Adult Psychiatry	5,689	29	4,543	24
Child and Adolescent Psychiatry	1,007	5	821	4
<b>Other</b>	<b>9,506</b>	<b>49</b>	<b>7,607</b>	<b>39</b>
Allergy and Immunology	466	2	374	2
Dermatology	1,104	6	920	5
Emergency Medicine	2,255	12	1,915	10
Neurology	1,398	7	1,174	6
Occupational Medicine	180	1	103	1
Pediatric Subspecialties	1,779	9	1,362	7
Physical Medicine and Rehabilitation	1,100	6	953	5
Preventive Medicine	102	1	37	0
Other	1,121	6	771	4
<b>Total</b>	<b>64,818</b>	<b>335</b>	<b>58,308</b>	<b>302</b>

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











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