



New York Physician Workforce Profile 2014 Abridged Edition



The New York Health Workforce Data System
School of Public Health
University at Albany, State University of New York

New York Physician Workforce Profile 2014 Abridged Edition

April 2015



School of Public Health, University at Albany
State University of New York
1 University Place, Suite 220
Rensselaer, NY 12144-3445

Phone: (518) 402-0250
Web: <http://chws.albany.edu>
Email: chws@health.ny.gov

PREFACE

This report is a profile of the supply and distribution of physicians licensed in New York State based on information compiled by the Center for Health Workforce Studies. With presentation of physician workforce data at several aggregate levels including state, region, and specialty, 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 (CHWS), by David Armstrong, Rakkoo Chung, Stuart Daman, and Gaetano Forte. Funding for this report was provided by the New York State Department of Health. CHWS, established in 1996, is based at the School of Public Health, University at Albany, State University of New York (SUNY). The mission of CHWS is to provide timely, accurate data and conduct policy-relevant research about the health workforce. The research conducted by CHWS supports and promotes health workforce planning and policymaking at local, regional, state, and national levels. The views expressed in this report are those of CHWS and do not necessarily represent positions or policies of the School of Public Health, University at Albany, SUNY, the New York State Education Department, or the New York Department of Health.

April 2015

ACKNOWLEDGMENT

The authors wish to acknowledge the New York State Education Department for its assistance with the data collection process that supports this work. The authors also wish to acknowledge the editing and layout design of Leanne Keough. Funding for this report and related data collection efforts was provided by the New York State Department of Health.

Suggested citation:

Armstrong DP, Chung R, Daman S, Forte, GJ. *New York Physician Workforce Profile, 2014 Abridged Edition*. Rensselaer, NY: Center for Health Workforce Studies, School of Public Health, SUNY Albany; 2015.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
BACKGROUND.....	3
<i>The New York Health Workforce Data System</i>	3
<i>Limitations</i>	3
STATE PROFILE	7
<i>Downstate New York</i>	9
<i>Upstate New York</i>	11
<i>Urban Counties</i>	13
<i>Rural Counties</i>	15
REGIONAL PROFILES.....	17
<i>Capital District</i>	21
<i>Central New York</i>	23
<i>Finger Lakes</i>	25
<i>Hudson Valley</i>	27
<i>Long Island</i>	29
<i>Mohawk Valley</i>	31
<i>New York City</i>	33
<i>North Country</i>	35
<i>Southern Tier</i>	37
<i>Western New York</i>	39
MEDICAL SPECIALTY GROUP PROFILES.....	41
<i>Primary Care</i>	45
<i>Obstetrics/Gynecology</i>	46
<i>Internal Medicine Specialties</i>	47
<i>General Surgery</i>	48
<i>Surgical Specialties</i>	49
<i>Facility Based</i>	50
<i>Psychiatry</i>	51
<i>Other Specialties</i>	52
APPENDIX A: SURVEY INSTRUMENT	53
APPENDIX B: DATA AND METHODS.....	57
APPENDIX C: COUNTY SUMMARY	65
APPENDIX D: SPECIALTY SUMMARY	71

EXECUTIVE SUMMARY

This report summarizes information from the New York State Physician Licensure Re-registration Survey and the SK&A Office-based Physician Database, as adjusted to official counts of licensed physicians in 2014. In addition to presenting basic data for the state as a whole, the report contains a series of statistical profiles: 1 for each New York State Department of Labor region and 1 for each medical specialty group.

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

- Of the 92,984 licensed physicians in New York, 78% (72,969) were active patient care physicians practicing in the state
 - Of these, 70% were located in downstate New York and 92% were in urban counties
- The ratio of physicians to the population was highest in the Long Island region, with 432 active patient care physicians per 100,000 population
 - The ratio was lowest in the North Country, with 215 physicians per 100,000 population
- More than 22,000 physicians (30% of the total) reported 1 of the primary care specialties (family medicine, general internal medicine, and general pediatrics) as their principal specialty
- The most common principal specialty reported among active patient care physicians was general internal medicine (11,188 or 15% of the total)
 - The next most common principal specialties were family medicine (8%), general pediatrics (7%), and psychiatry (7%)
- Seventy-eight percent (78%) 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 59% in child and adolescent psychiatry to 87% in thoracic surgery
- Group practice was the largest principal practice setting in 2014, reported by 33% of responding physicians
 - Hospital practice (31%) and solo practice (25%) were the next most frequently reported practice settings
- New York physicians were predominantly male (66%) in 2014
 - Women physicians were younger than men, reflecting the growing number of women entering the profession
 - The average age of female physicians was 48 versus 53 for male physicians
- Seventy-two percent (72%) of physicians were non-Hispanic Whites
 - Underrepresented minorities (URMs) (Blacks/African Americans, Hispanics/Latinos, and American Indians/Alaska Natives) made up 9% of the physician workforce in 2014, but approximately 35% of New York's population

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

2. The urban/rural distinction is based on Ebert's typology (see Eberts P, Merschrod K. Socioeconomic Trends in New York State 1950-2000. Albany, NY: New York State Legislative Commission on Rural Resources; 2004).

- Thirty-three percent (33%) of active patient care physicians reported they were international medical graduates (IMGs), meaning they attended medical school in a foreign country (other than Canada)
 - There were significant variations in the percentage of IMGs by specialty (eg, 50% of pathologists reported being IMGs while only 8% 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 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 2014, over 92,000 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 2 years. When physicians renew their licenses they are also provided with the opportunity to complete a survey (Appendix A) that requests information about a number of demographic, professional, and practice characteristics. This survey has been ongoing since 1997 and there have been more than 340,000 responses. However, in recent years the response rate to the survey has declined substantially. While the response rate for the survey used to be above 75%, during the last 5 years it has dropped below 5%. As a result, data from the survey were supplemented with information from the SK&A Office-based Physician Database³ to form the bases of this report. The SK&A Office-based Physician Database includes information about a physician's practice address and specialty, but it does not contain information about the number of hours a physician practices each week and other important practice characteristics. The SK&A data also only includes information for approximately half of the physicians licensed in the state. Once the New York Licensure Re-registration Survey data was supplemented with the SK&A data, the new database contained information on more than 60,000 licensed physicians in the state. However, for a number of variables (eg, setting) there were high levels of missing data (see Appendix B). Therefore, caution should be used when interpreting the numbers presented in this report.

Limitations

It is important to note several limitations of this profile caused by the reduced response rate to the re-registration survey and inadequacy of the data sources used to supplement the survey data. These limitations include:

- Limited number of workforce variables, including a key measure of physician work effort: full-time equivalents
- Limited trend analysis and comparisons over time
- Less robust estimates due to aging observations
- Data quality continuing to deteriorate over time

3. For more information about the SK&A physician database see: http://www.skainfo.com/physician_database/physician_database.php

Efforts were made to present as much data as we felt comfortable presenting. Unless the response rate to the re-registration survey increases or some alternative data collection solution is implemented, the quality of the physician data will continue to decline. For this profile, we were unable to present data on patient care work effort (FTEs) for the physician workforce. As the observations in the physician re-reregistration data continue to age, there will be other potential exclusions, such as the individual county and specialty profiles. Eventually, this report will no longer be viable as the data necessary to support it will not be available.

STATE PROFILE

NEW YORK



2009-2013 Population

New York
19,487,053

Profile of Active Patient Care Physicians, 2014

Number of Physicians	72,969
Average Age	51
Percent Female	34%
Percent Underrepresented Minority	9%
Percent International Medical Graduate	33%
Percent NY Medical Graduate	40%
Percent with Residency Training in NY	77%

Physician Supply, 2014

<u>Specialty Group^a</u>	<u>Counts</u> <u>Phys</u>	<u>Per 100k Pop.</u> <u>Phys</u>
Primary Care	22,171	114
Non-Primary Care	50,798	261
<i>Ob/Gyn</i>	3,874	20
<i>IM Specialties</i>	10,667	55
<i>General Surgery</i>	1,798	9
<i>Surgical Specialties</i>	8,849	45
<i>Facility Based</i>	8,523	44
<i>Psychiatry</i>	6,302	32
Total (All Physicians)	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

Selected Population Characteristics, 2009-2013

	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	2,456,874	6,855,870	1,951,392	11,264,136	58%
Other Race/Ethnicity	2,398,158	5,080,768	743,991	8,222,917	42%
<i>Total</i>	<i>4,855,032</i>	<i>11,936,638</i>	<i>2,695,383</i>	<i>19,487,053</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>61%</i>	<i>14%</i>		<i>100%</i>
Percent in Poverty	15.6				
Unemployment Rate, 2014 ^b	5.6				

^bUnemployment rate is per 100 persons in the labor force.

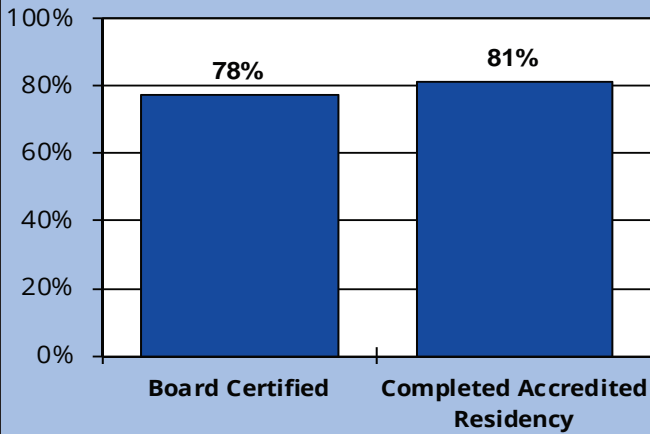
Health Status Indicators, 2010-2012^c

Total Births	240,624	(59.6)	Total Deaths	146,469	(752.2)
Births < 2500 g	19,419	(8.1)	<i>Heart Disease</i>	43,925	(225.6)
Total Pregnancies	363,595	(89.9)	<i>Lung Cancer</i>	9,067	(44.5)
Teen Pregnancies (age 15-19)	29,893	(45.8)	<i>Cerebrovascular Disease</i>	6,100	(31.3)

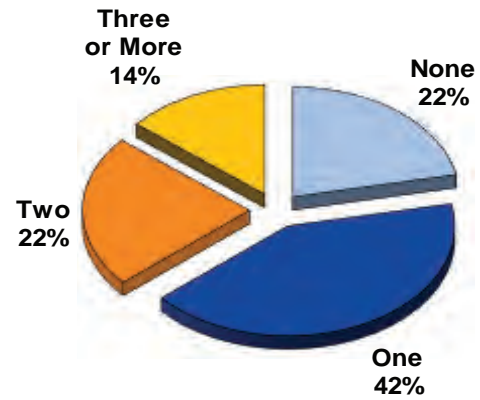
^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g rate is per 100 births, total pregnancy rate is per 1k women age 15-44, teen pregnancy rate is per 1k women age 15-19, and death rate is per 100k pop.



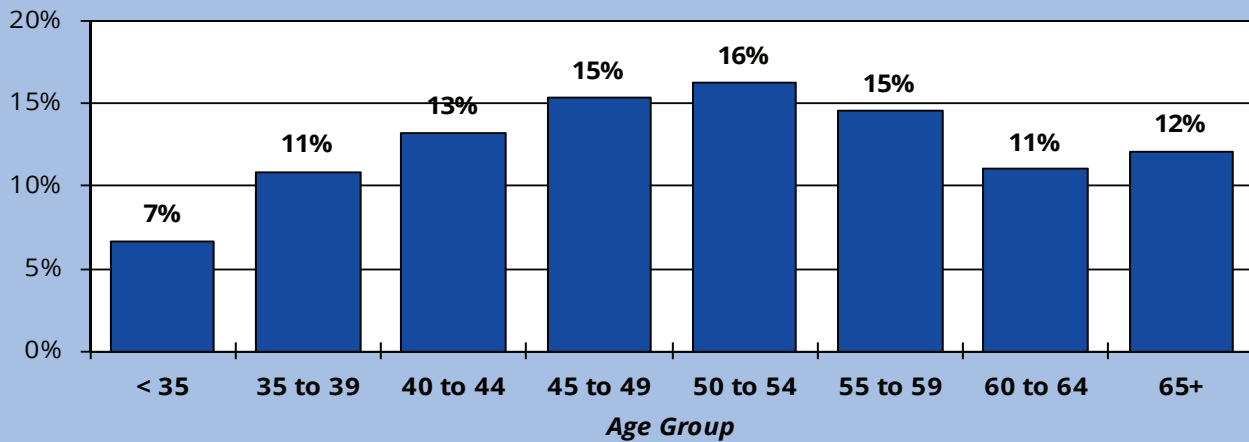
Board Certification and Completion of Accredited Residency



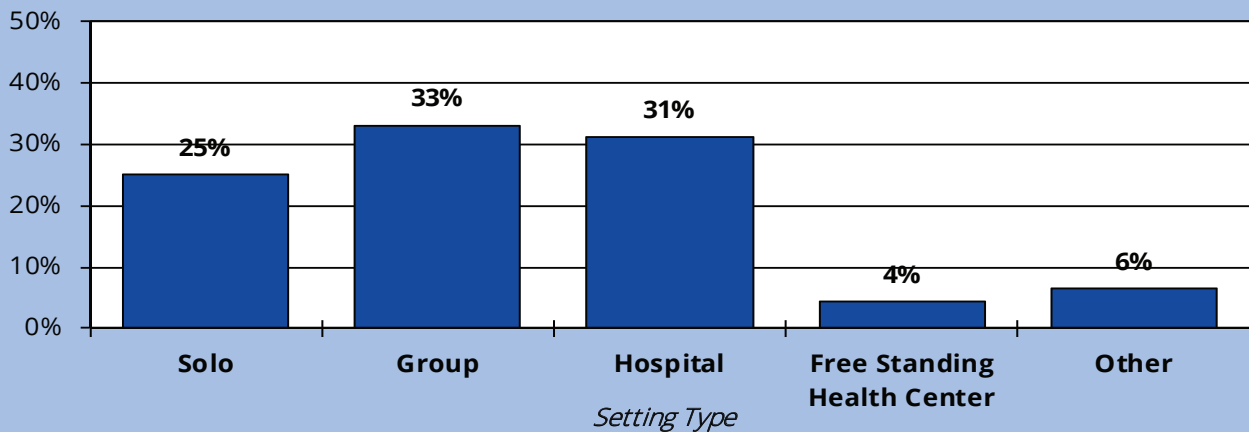
Number of Hospitals to Which Physicians Have Admitting Privileges



Age Distribution of Active Patient Care Physicians



Principal Practice Setting of Active Patient Care Physicians



DOWNSTATE NEW YORK



	Downstate New York
2009-2013 Population	12,064,850
Profile of Active Patient Care Physicians, 2014	
Number of Physicians	51,442
Average Age	51
Percent Female	35%
Percent Underrepresented Minority	10%
Percent International Medical Graduate	36%
Percent NY Medical Graduate	40%
Percent with Residency Training in NY	83%

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	14,876	123	22,171	114
Non-Primary Care	36,566	303	50,798	261
<i>Ob/Gyn</i>	2,737	23	3,874	20
<i>IM Specialties</i>	7,883	65	10,667	55
<i>General Surgery</i>	1,159	10	1,798	9
<i>Surgical Specialties</i>	6,101	51	8,849	45
<i>Facility Based</i>	5,927	49	8,523	44
<i>Psychiatry</i>	4,883	40	6,302	32
Total (All Physicians)	51,442	426	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	1,063,250	3,212,094	931,841	5,207,185	43%
Other Race/Ethnicity	1,911,112	4,293,018	653,535	6,857,665	57%
<i>Total</i>	<i>2,974,362</i>	<i>7,505,112</i>	<i>1,585,376</i>	<i>12,064,850</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>62%</i>	<i>13%</i>		<i>100%</i>
Percent in Poverty	20.6				
Unemployment Rate, 2014 ^b	5.6				

^bUnemployment rate is per 100 persons in the labor force.

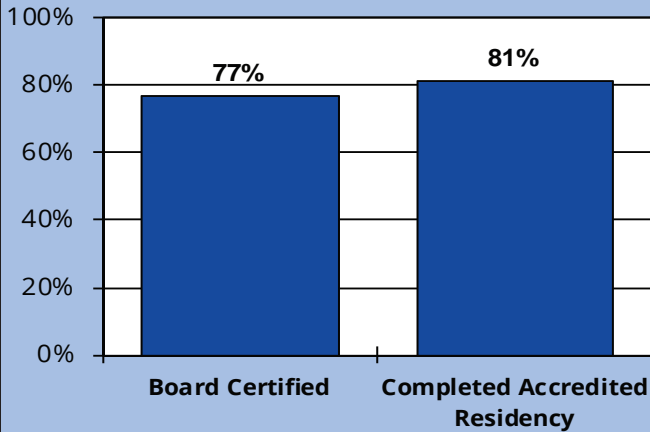
Health Status Indicators, 2010-2012^c					
Total Births	160,209	(61.0)	Total Deaths	79,977	(663.7)
Births < 2500 g	13,342	(8.3)	<i>Heart Disease</i>	26,364	(218.8)
Total Pregnancies	257,855	(98.3)	<i>Lung Cancer</i>	4,483	(34.6)
Teen Pregnancies (age 15-19)	20,094	(52.5)	<i>Cerebrovascular Disease</i>	2,853	(23.7)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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.

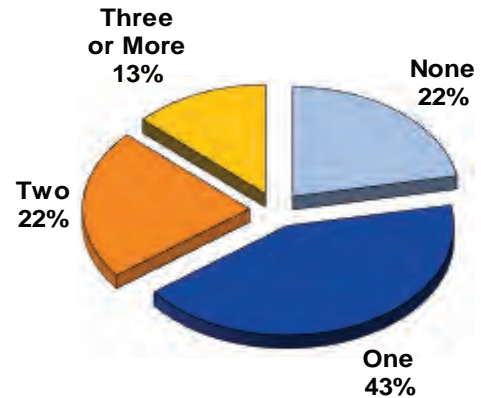
DOWNSTATE NEW YORK



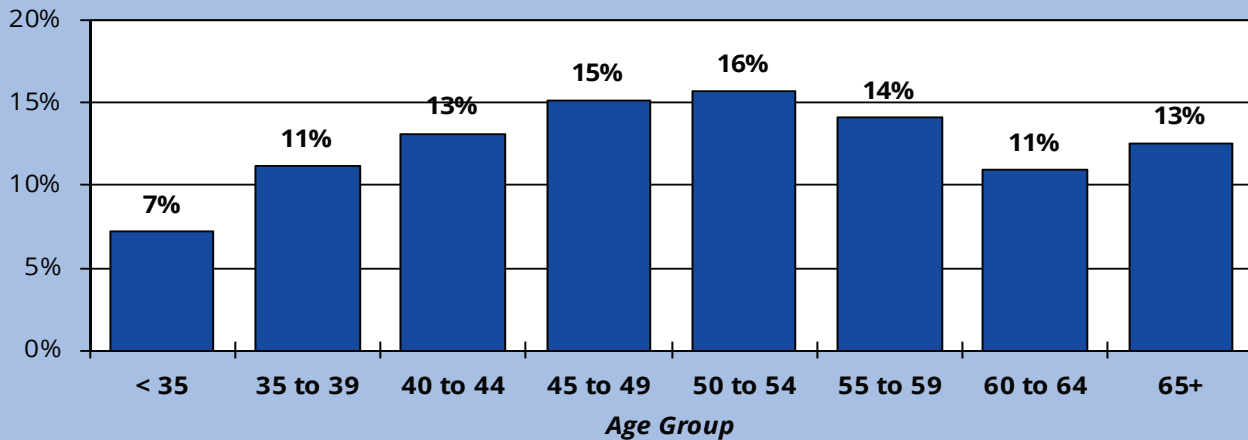
Board Certification and Completion of Accredited Residency



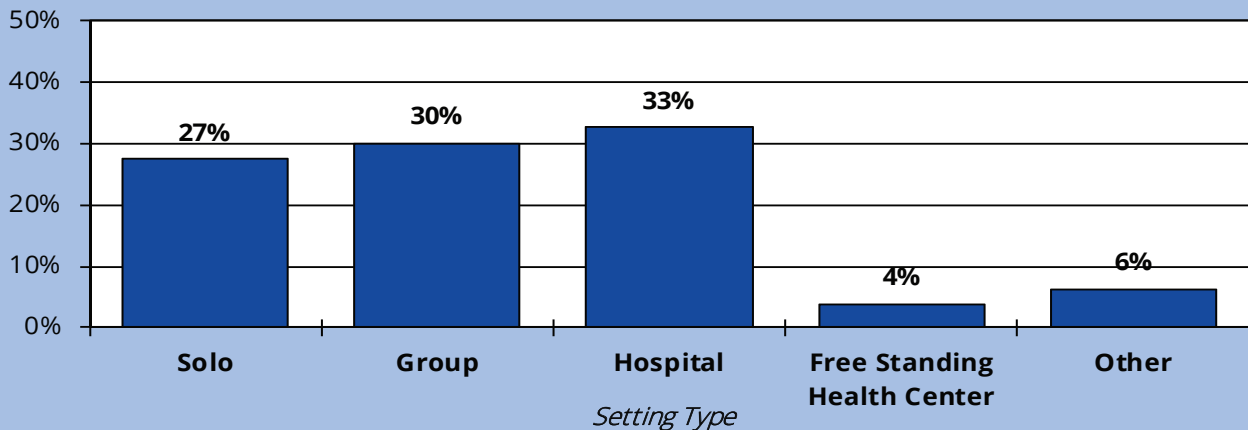
Number of Hospitals to Which Physicians Have Admitting Privileges



Age Distribution of Active Patient Care Physicians



Principal Practice Setting of Active Patient Care Physicians



UPSTATE NEW YORK



	Upstate New York
2009-2013 Population	7,422,203
Profile of Active Patient Care Physicians, 2014	
Number of Physicians	21,527
Average Age	51
Percent Female	29%
Percent Underrepresented Minority	5%
Percent International Medical Graduate	27%
Percent NY Medical Graduate	40%
Percent with Residency Training in NY	64%

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	7,296	98	22,171	114
Non-Primary Care	14,232	192	50,798	261
<i>Ob/Gyn</i>	1,137	15	3,874	20
<i>IM Specialties</i>	2,783	37	10,667	55
<i>General Surgery</i>	638	9	1,798	9
<i>Surgical Specialties</i>	2,748	37	8,849	45
<i>Facility Based</i>	2,596	35	8,523	44
<i>Psychiatry</i>	1,419	19	6,302	32
Total (All Physicians)	21,527	290	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	1,393,624	3,643,776	1,019,551	6,056,951	82%
Other Race/Ethnicity	487,046	787,750	90,456	1,365,252	18%
<i>Total</i>	<i>1,880,670</i>	<i>4,431,526</i>	<i>1,110,007</i>	<i>7,422,203</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>60%</i>	<i>15%</i>		<i>100%</i>
Percent in Poverty	11.9				
Unemployment Rate, 2014 ^b	5.4				

^bUnemployment rate is per 100 persons in the labor force.

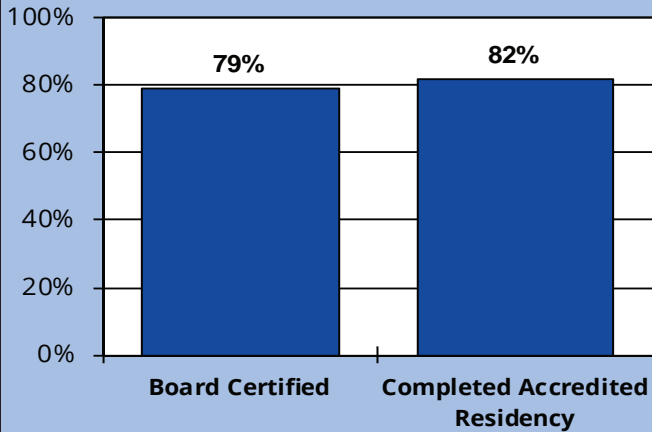
Health Status Indicators, 2010-2012^c					
Total Births	80,415	(56.8)	Total Deaths	66,493	(895.9)
Births < 2500 g	6,077	(7.6)	<i>Heart Disease</i>	17,561	(236.6)
Total Pregnancies	105,740	(74.4)	<i>Lung Cancer</i>	4,584	(61.8)
Teen Pregnancies (age 15-19)	9,799	(36.3)	<i>Cerebrovascular Disease</i>	3,246	(43.7)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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.

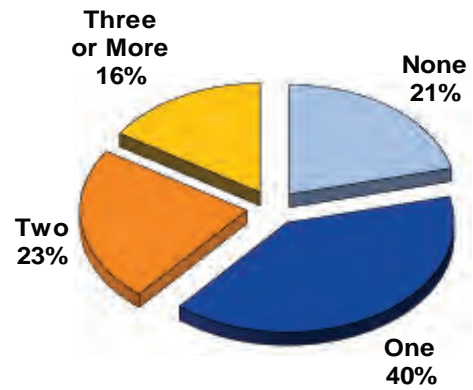
UPSTATE NEW YORK



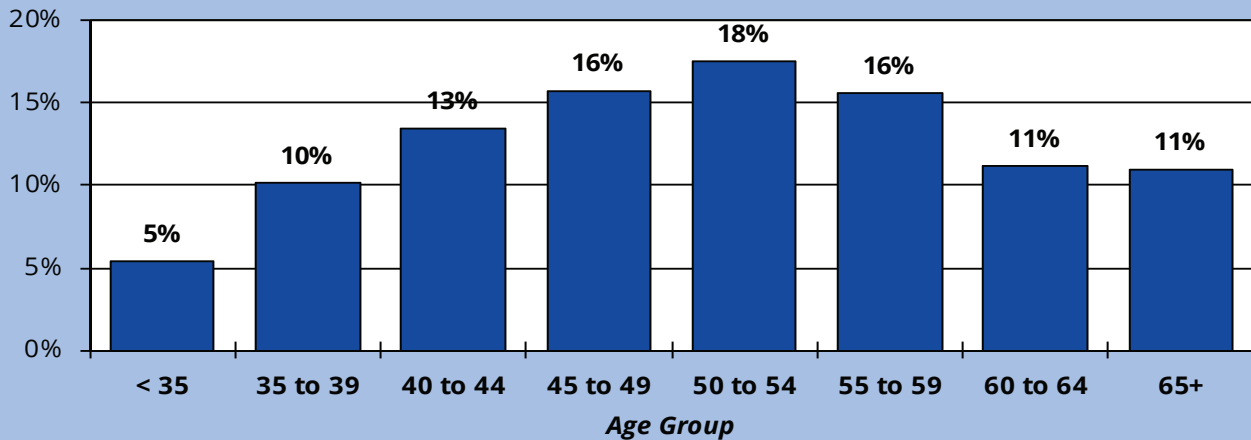
Board Certification and Completion of Accredited Residency



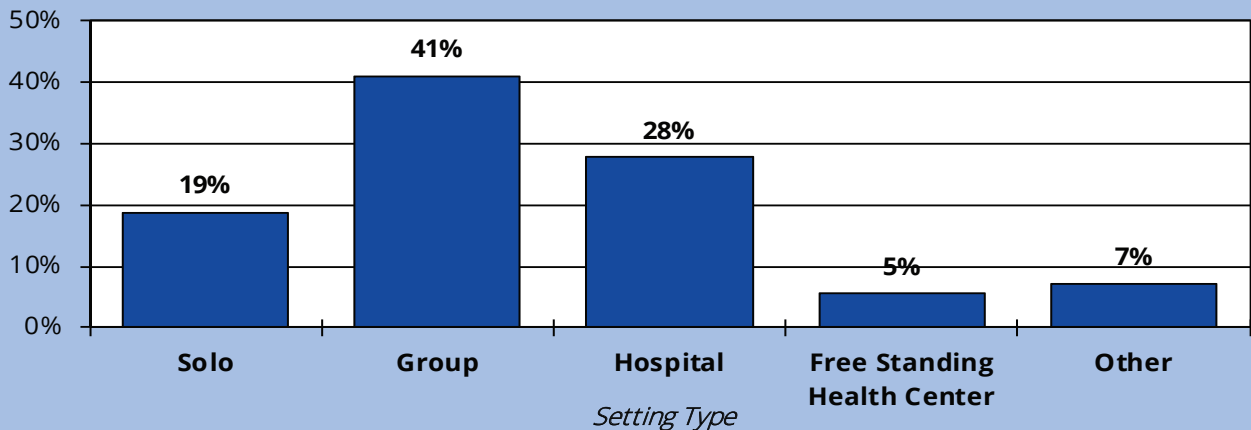
Number of Hospitals to Which Physicians Have Admitting Privileges



Age Distribution of Active Patient Care Physicians



Principal Practice Setting of Active Patient Care Physicians



URBAN COUNTIES



	Urban Counties
2009-2013 Population	16,359,603
Profile of Active Patient Care Physicians, 2014	
Number of Physicians	66,826
Average Age	51
Percent Female	34%
Percent Underrepresented Minority	9%
Percent International Medical Graduate	34%
Percent NY Medical Graduate	41%
Percent with Residency Training in NY	79%

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	19,645	120	22,171	114
Non-Primary Care	47,181	288	50,798	261
<i>Ob/Gyn</i>	3,557	22	3,874	20
<i>IM Specialties</i>	9,991	61	10,667	55
<i>General Surgery</i>	1,586	10	1,798	9
<i>Surgical Specialties</i>	8,162	50	8,849	45
<i>Facility Based</i>	7,901	48	8,523	44
<i>Psychiatry</i>	5,915	36	6,302	32
Total (All Physicians)	66,826	408	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	1,808,723	5,193,817	1,491,798	8,494,338	52%
Other Race/Ethnicity	2,271,257	4,869,629	724,379	7,865,265	48%
<i>Total</i>	4,079,980	10,063,446	2,216,177	16,359,603	
<i>% of Pop.</i>	25%	62%	14%		100%
Percent in Poverty	15.8				
Unemployment Rate, 2014 ^b	5.5				

^bUnemployment rate is per 100 persons in the labor force.

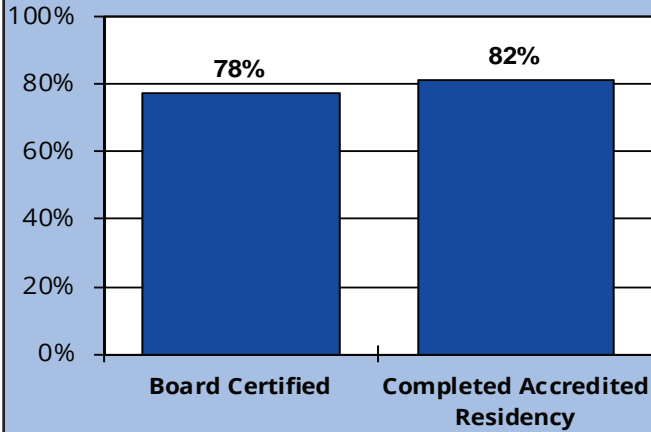
Health Status Indicators, 2010-2012^c					
Total Births	206,052	(60.2)	Total Deaths	115,645	(716.4)
Births < 2500 g	16,914	(8.2)	<i>Heart Disease</i>	35,620	(220.7)
Total Pregnancies	319,155	(93.3)	<i>Lung Cancer</i>	6,844	(40.1)
Teen Pregnancies (age 15-19)	25,626	(48.3)	<i>Cerebrovascular Disease</i>	4,640	(28.7)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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.

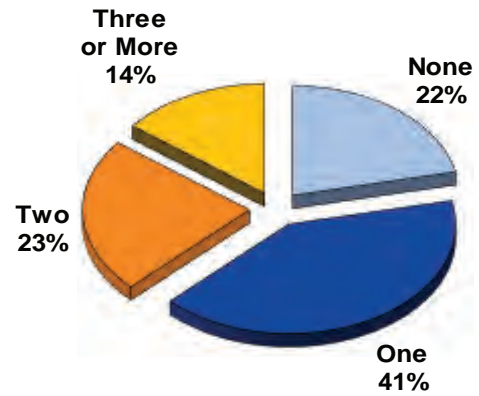
URBAN COUNTIES



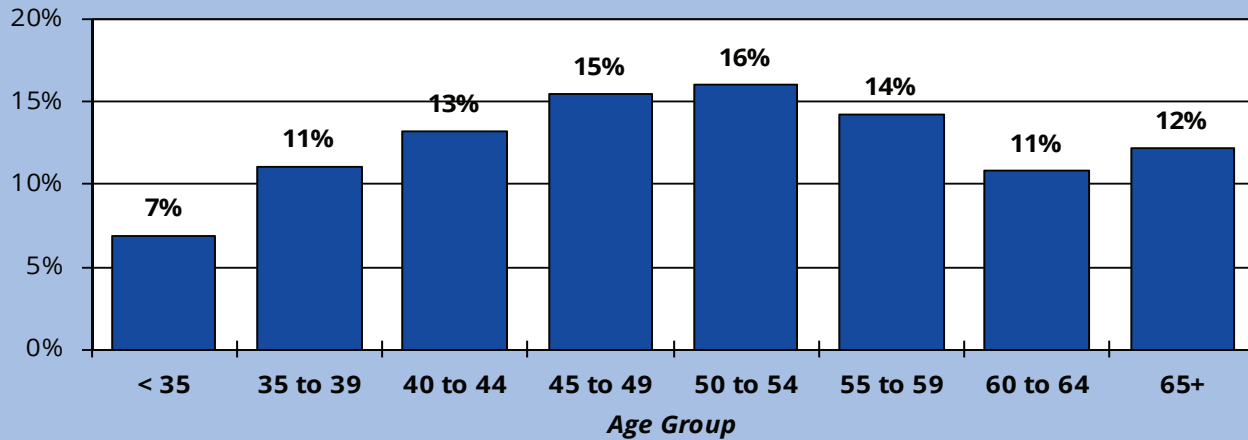
Board Certification and Completion of Accredited Residency



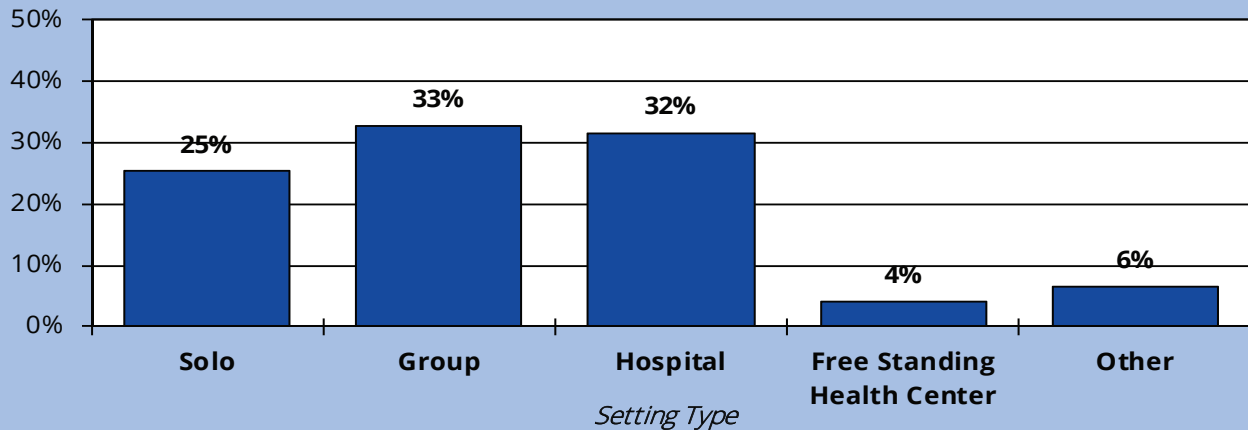
Number of Hospitals to Which Physicians Have Admitting Privileges



Age Distribution of Active Patient Care Physicians



Principal Practice Setting of Active Patient Care Physicians



RURAL COUNTIES



	Rural Counties
2009-2013 Population	3,127,450
Profile of Active Patient Care Physicians, 2014	
Number of Physicians	6,143
Average Age	52
Percent Female	26%
Percent Underrepresented Minority	5%
Percent International Medical Graduate	27%
Percent NY Medical Graduate	35%
Percent with Residency Training in NY	55%

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	2,526	81	22,171	114
Non-Primary Care	3,617	116	50,798	261
<i>Ob/Gyn</i>	317	10	3,874	20
<i>IM Specialties</i>	675	22	10,667	55
<i>General Surgery</i>	212	7	1,798	9
<i>Surgical Specialties</i>	686	22	8,849	45
<i>Facility Based</i>	622	20	8,523	44
<i>Psychiatry</i>	387	12	6,302	32
Total (All Physicians)	6,143	196	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

Selected Population Characteristics, 2009-2013

	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	648,151	1,662,053	459,594	2,769,798	89%
Other Race/Ethnicity	126,901	211,139	19,612	357,652	11%
<i>Total</i>	<i>775,052</i>	<i>1,873,192</i>	<i>479,206</i>	<i>3,127,450</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>60%</i>	<i>15%</i>		<i>100%</i>
Percent in Poverty	14.4				
Unemployment Rate, 2014 ^b	5.9				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c

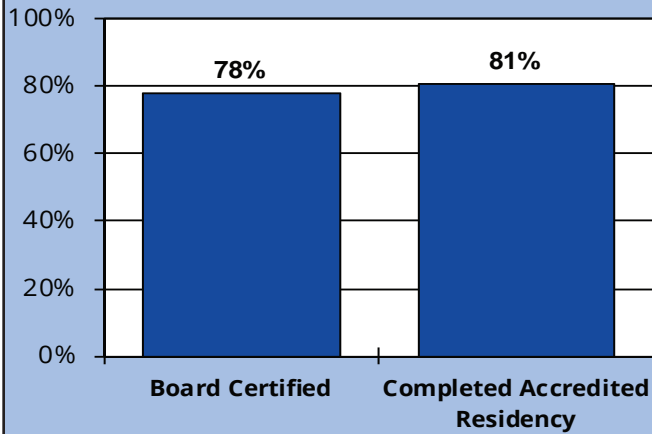
Total Births	32,514	(56.0)	Total Deaths	28,763	(919.2)
Births < 2500 g	2,333	(7.2)	<i>Heart Disease</i>	7,747	(247.6)
Total Pregnancies	41,509	(70.7)	<i>Lung Cancer</i>	2,108	(67.4)
Teen Pregnancies (age 15-19)	3,996	(34.8)	<i>Cerebrovascular Disease</i>	1,346	(43.0)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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.

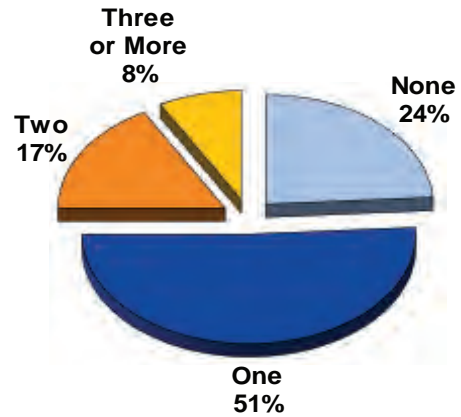
RURAL COUNTIES



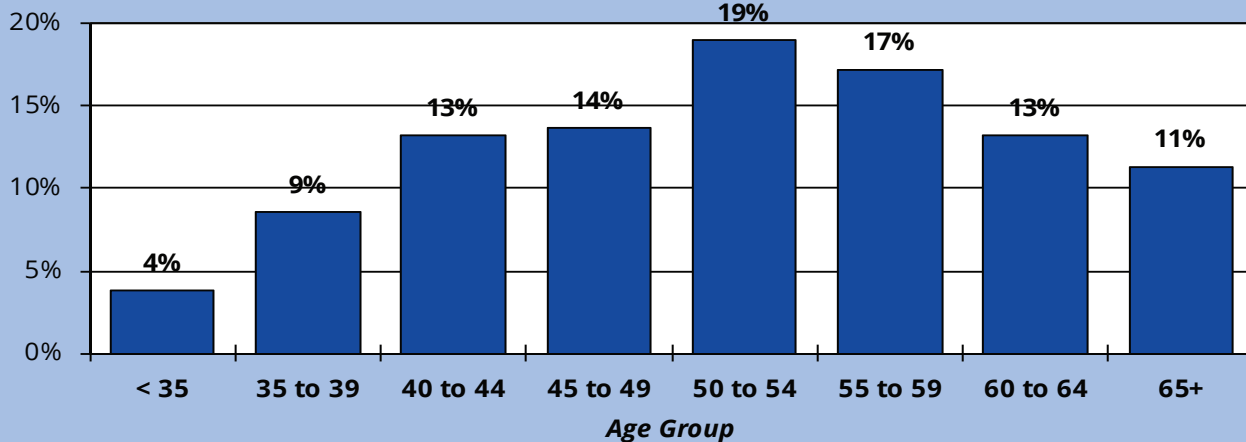
Board Certification and Completion of Accredited Residency



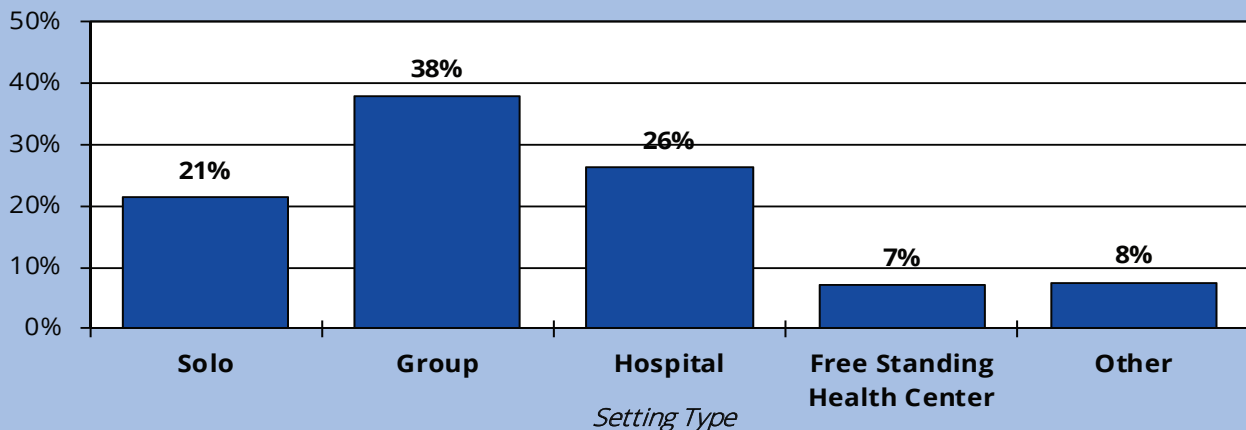
Number of Hospitals to Which Physicians Have Admitting Privileges



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.

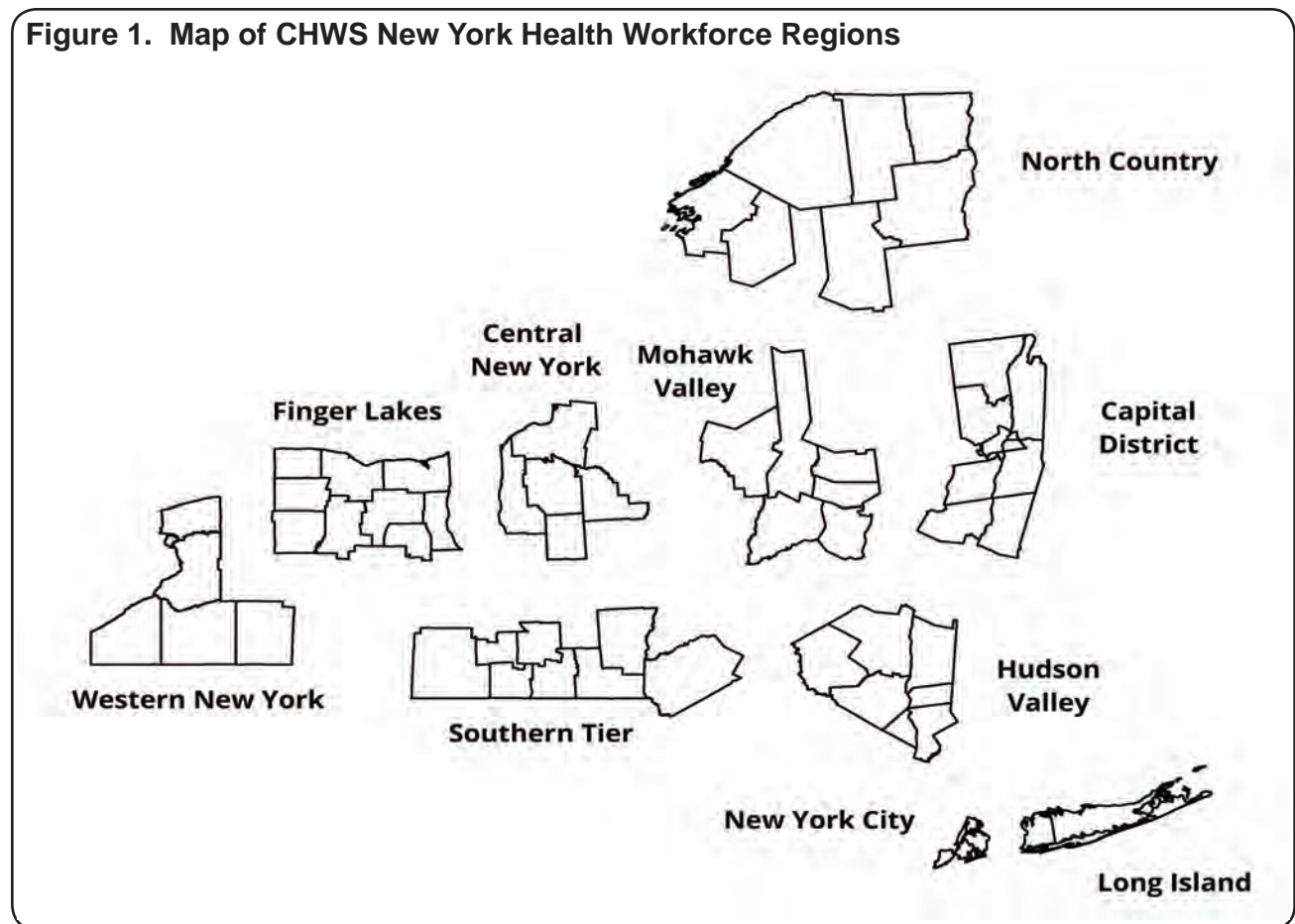


Table 1. CHWS New York Health Workforce Regions

<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



	Capital District	New York	% of New York
2009-2013 Population	1,081,257	19,487,053	6%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	3,547	72,969	5%
Average Age	51	51	
Percent Female	29%	34%	
Percent Underrepresented Minority	4%	9%	
Percent International Medical Graduate	22%	33%	
Percent NY Medical Graduate	42%	40%	
Percent with Residency Training in NY	62%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	1,132	105	22,171	114
Non-Primary Care	2,415	223	50,798	261
<i>Ob/Gyn</i>	171	16	3,874	20
<i>IM Specialties</i>	502	46	10,667	55
<i>General Surgery</i>	92	8	1,798	9
<i>Surgical Specialties</i>	528	49	8,849	45
<i>Facility Based</i>	392	36	8,523	44
<i>Psychiatry</i>	219	20	6,302	32
Total (All Physicians)	3,547	328	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

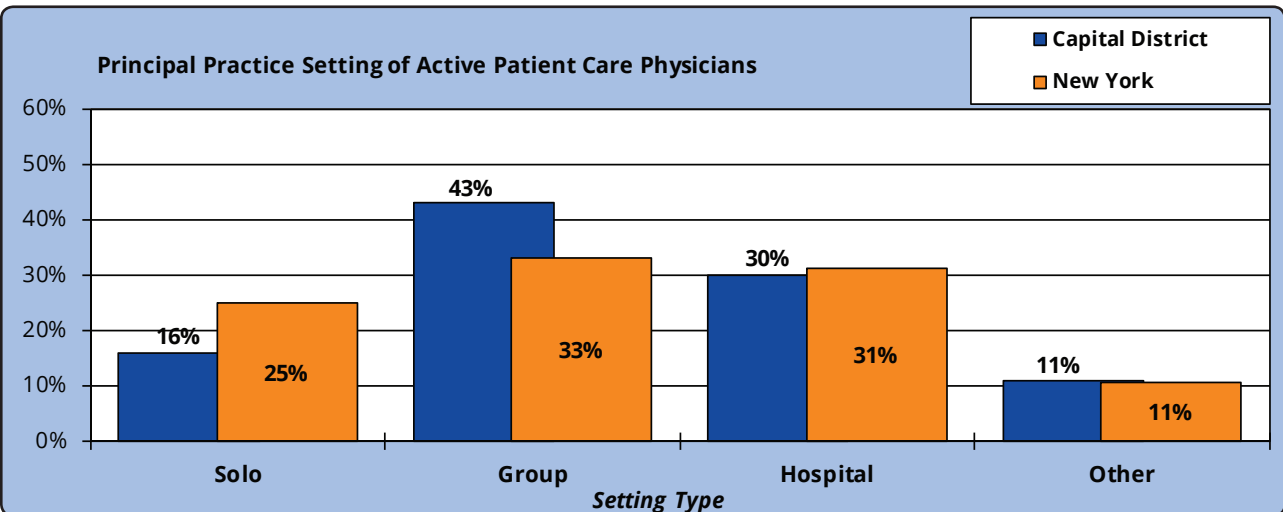
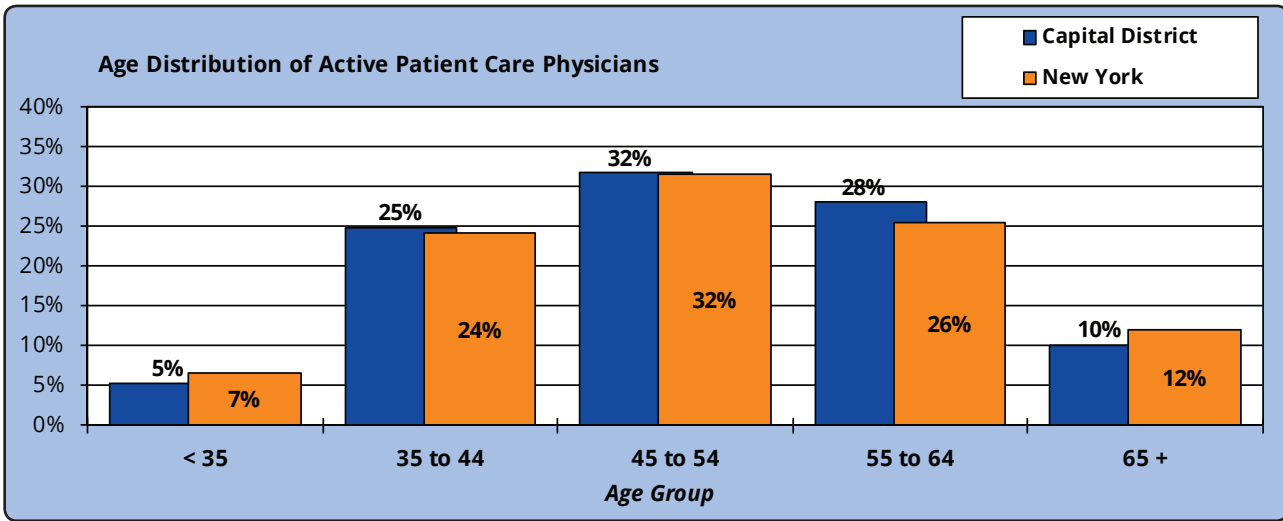
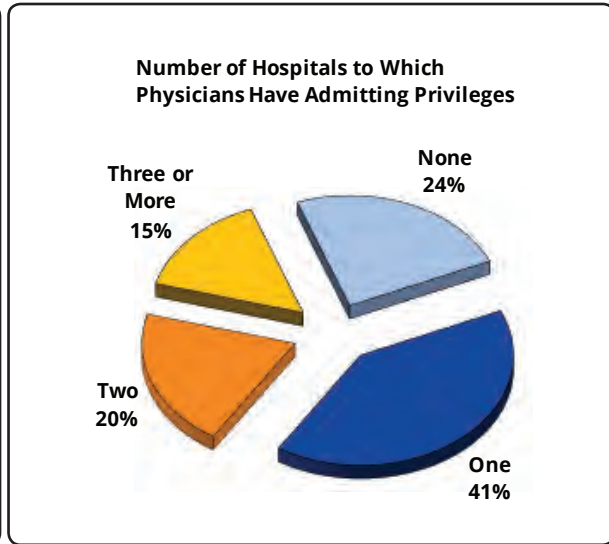
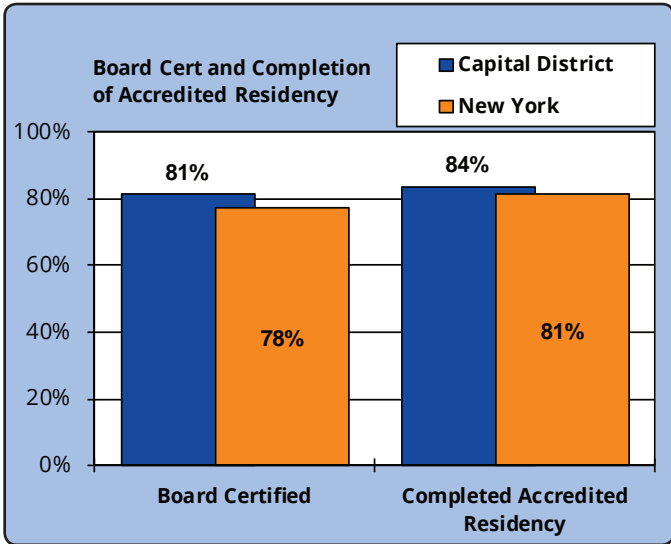
Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	196,029	558,745	152,985	907,759	84%
Other Race/Ethnicity	63,509	99,578	10,411	173,498	16%
Total	259,538	658,323	163,396	1,081,257	
% of Pop.	24%	61%	15%		100%
Percent in Poverty	12.0				
Unemployment Rate, 2014 ^b	4.7				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	11,054	(53.4)	Total Deaths	9,637	(892.1)
Births < 2500 g	876	(7.9)	<i>Heart Disease</i>	2,574	(238.3)
Total Pregnancies	15,171	(73.2)	<i>Lung Cancer</i>	716	(66.4)
Teen Pregnancies (age 15-19)	1,370	(37.3)	<i>Cerebrovascular Disease</i>	445	(41.2)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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



	Central New York	New York	% of New York
2009-2013 Population	790,876	19,487,053	4%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	2,485	72,969	3%
Average Age	51	51	
Percent Female	30%	34%	
Percent Underrepresented Minority	6%	9%	
Percent International Medical Graduate	23%	33%	
Percent NY Medical Graduate	48%	40%	
Percent with Residency Training in NY	64%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	761	96	22,171	114
Non-Primary Care	1,724	218	50,798	261
<i>Ob/Gyn</i>	142	18	3,874	20
<i>IM Specialties</i>	313	40	10,667	55
<i>General Surgery</i>	82	10	1,798	9
<i>Surgical Specialties</i>	340	43	8,849	45
<i>Facility Based</i>	354	45	8,523	44
<i>Psychiatry</i>	138	17	6,302	32
Total (All Physicians)	2,485	314	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

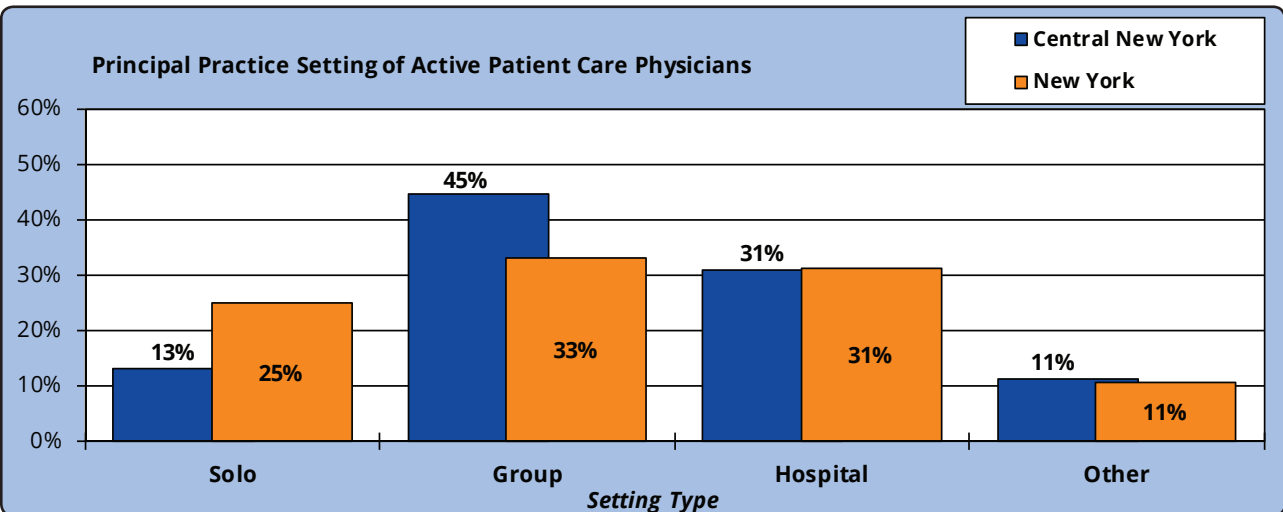
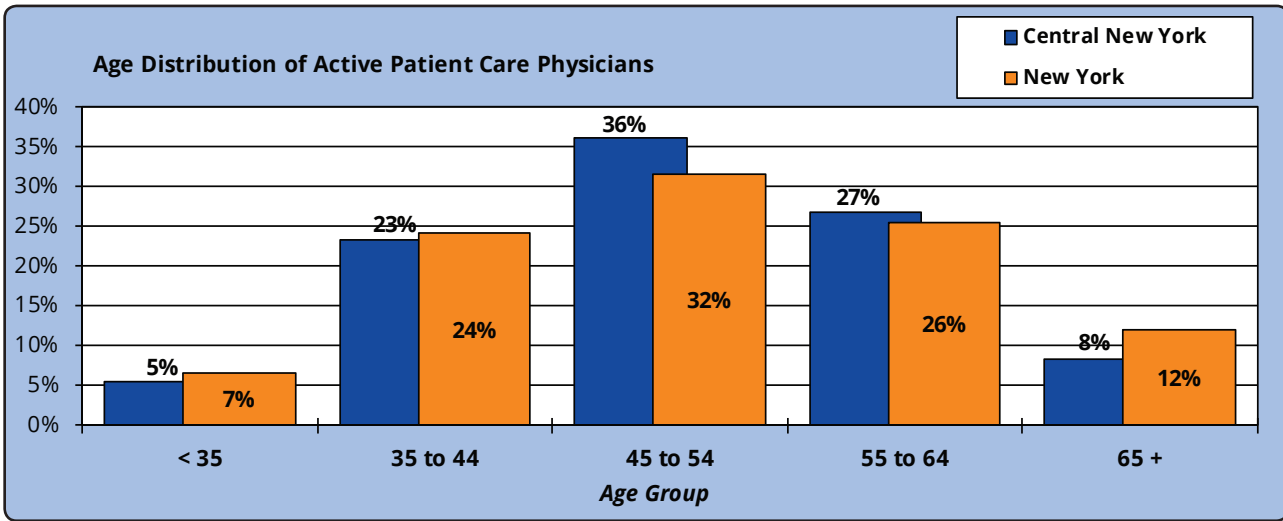
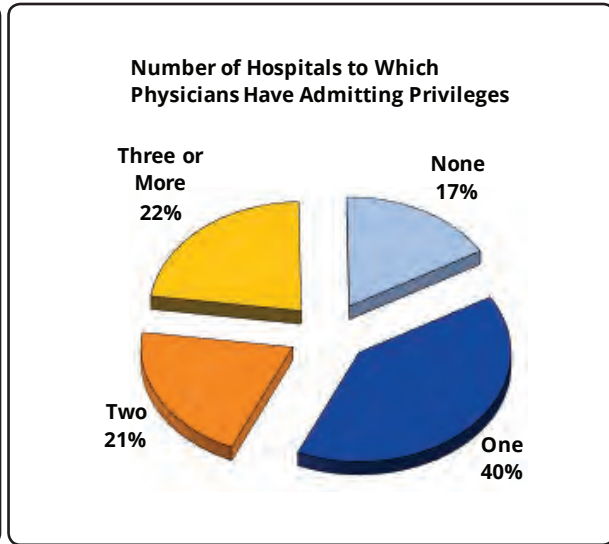
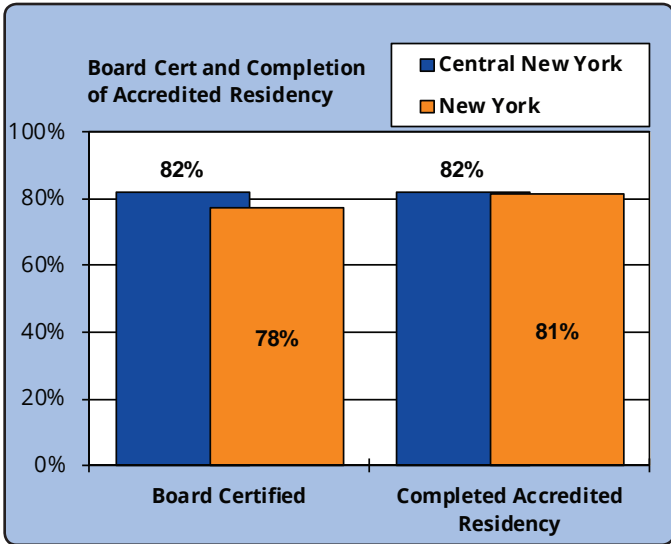
Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	158,638	406,328	105,887	670,853	85%
Other Race/Ethnicity	47,551	65,543	6,929	120,023	15%
<i>Total</i>	<i>206,189</i>	<i>471,871</i>	<i>112,816</i>	<i>790,876</i>	
<i>% of Pop.</i>	<i>26%</i>	<i>60%</i>	<i>14%</i>		<i>100%</i>
Percent in Poverty	14.8				
Unemployment Rate, 2014 ^b	5.7				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	8,653	(54.9)	Total Deaths	6,908	(873.2)
Births < 2500 g	643	(7.4)	<i>Heart Disease</i>	1,589	(200.8)
Total Pregnancies	11,181	(71.0)	<i>Lung Cancer</i>	611	(77.2)
Teen Pregnancies (age 15-19)	1,167	(36.5)	<i>Cerebrovascular Disease</i>	358	(45.2)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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



	Finger Lakes	New York	% of New York
2009-2013 Population	1,218,280	19,487,053	6%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	3,863	72,969	5%
Average Age	50	51	
Percent Female	34%	34%	
Percent Underrepresented Minority	4%	9%	
Percent International Medical Graduate	19%	33%	
Percent NY Medical Graduate	40%	40%	
Percent with Residency Training in NY	65%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	1,330	109	22,171	114
Non-Primary Care	2,533	208	50,798	261
<i>Ob/Gyn</i>	208	17	3,874	20
<i>IM Specialties</i>	502	41	10,667	55
<i>General Surgery</i>	87	7	1,798	9
<i>Surgical Specialties</i>	452	37	8,849	45
<i>Facility Based</i>	474	39	8,523	44
<i>Psychiatry</i>	226	19	6,302	32
Total (All Physicians)	3,863	317	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

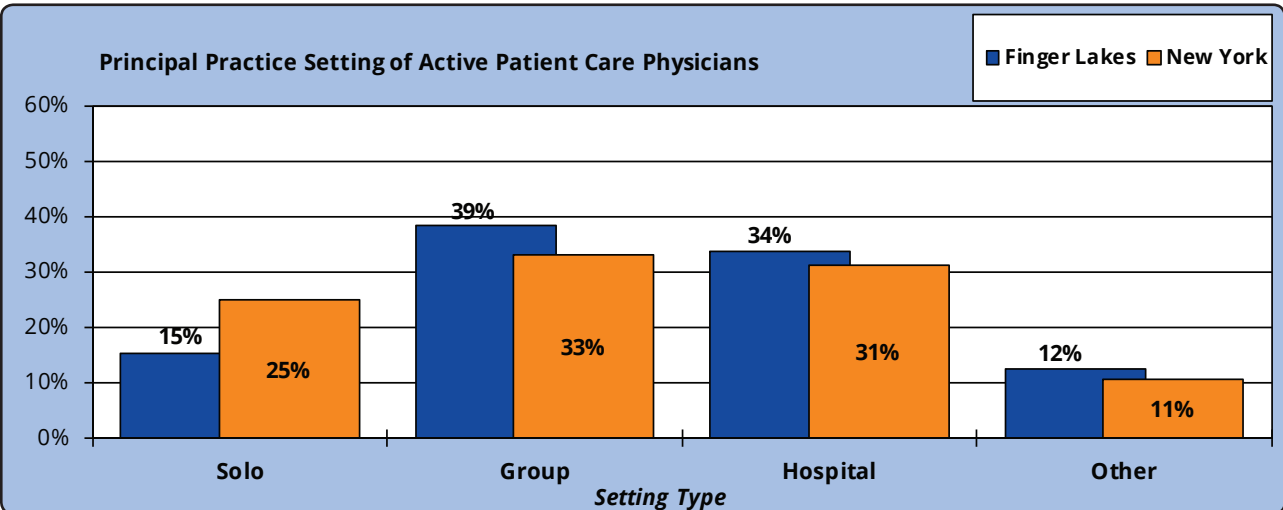
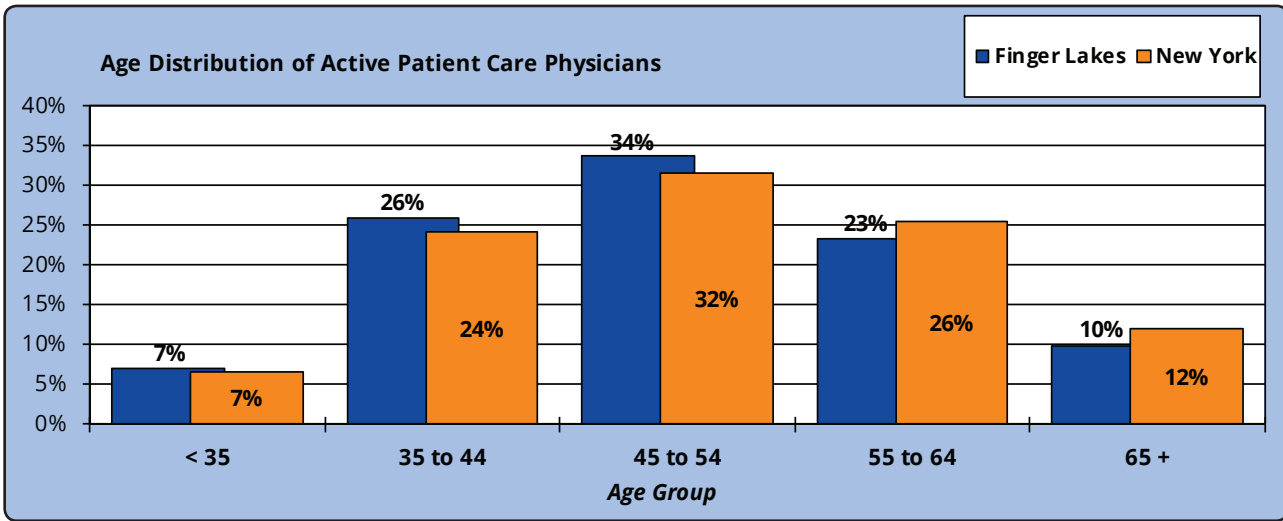
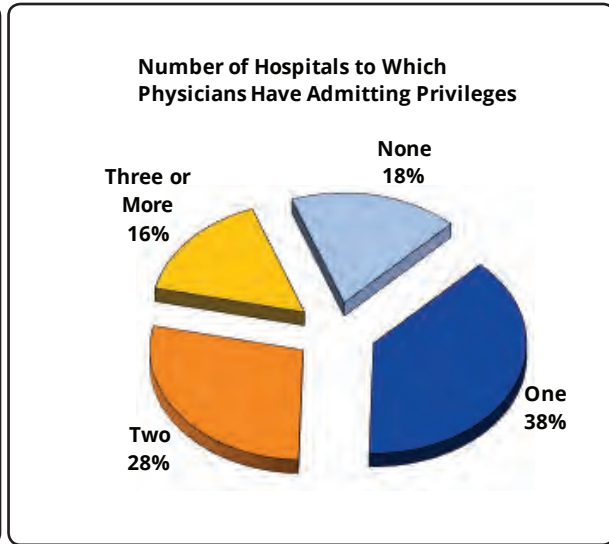
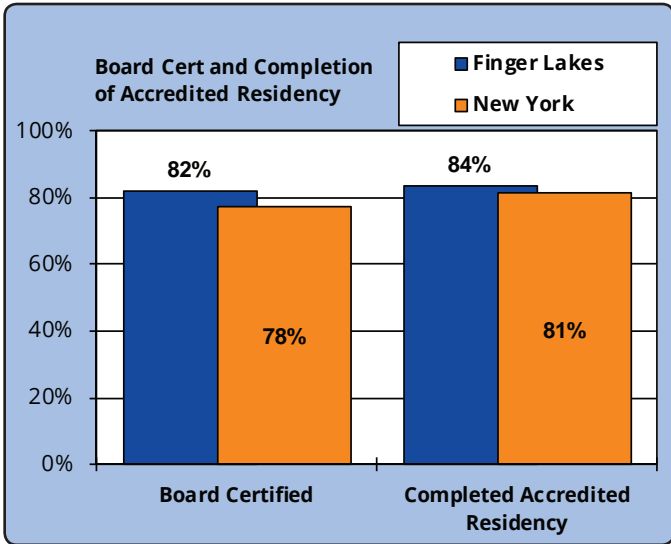
Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	217,160	589,315	162,844	969,319	80%
Other Race/Ethnicity	91,098	141,329	16,534	248,961	20%
<i>Total</i>	<i>308,258</i>	<i>730,644</i>	<i>179,378</i>	<i>1,218,280</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>60%</i>	<i>15%</i>		<i>100%</i>
Percent in Poverty	13.9				
Unemployment Rate, 2014 ^b	5.4				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	13,092	(55.5)	Total Deaths	10,721	(880.1)
Births < 2500 g	1,024	(7.8)	<i>Heart Disease</i>	2,564	(210.5)
Total Pregnancies	16,974	(72.0)	<i>Lung Cancer</i>	707	(58.1)
Teen Pregnancies (age 15-19)	1,615	(36.6)	<i>Cerebrovascular Disease</i>	546	(44.8)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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



	Hudson Valley	New York	% of New York
2009-2013 Population	2,301,577	19,487,053	12%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	8,736	72,969	12%
Average Age	51	51	
Percent Female	35%	34%	
Percent Underrepresented Minority	8%	9%	
Percent International Medical Graduate	33%	33%	
Percent NY Medical Graduate	42%	40%	
Percent with Residency Training in NY	76%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	2,765	120	22,171	114
Non-Primary Care	5,971	259	50,798	261
<i>Ob/Gyn</i>	452	20	3,874	20
<i>IM Specialties</i>	1,161	50	10,667	55
<i>General Surgery</i>	201	9	1,798	9
<i>Surgical Specialties</i>	1,044	45	8,849	45
<i>Facility Based</i>	976	42	8,523	44
<i>Psychiatry</i>	934	41	6,302	32
Total (All Physicians)	8,736	380	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

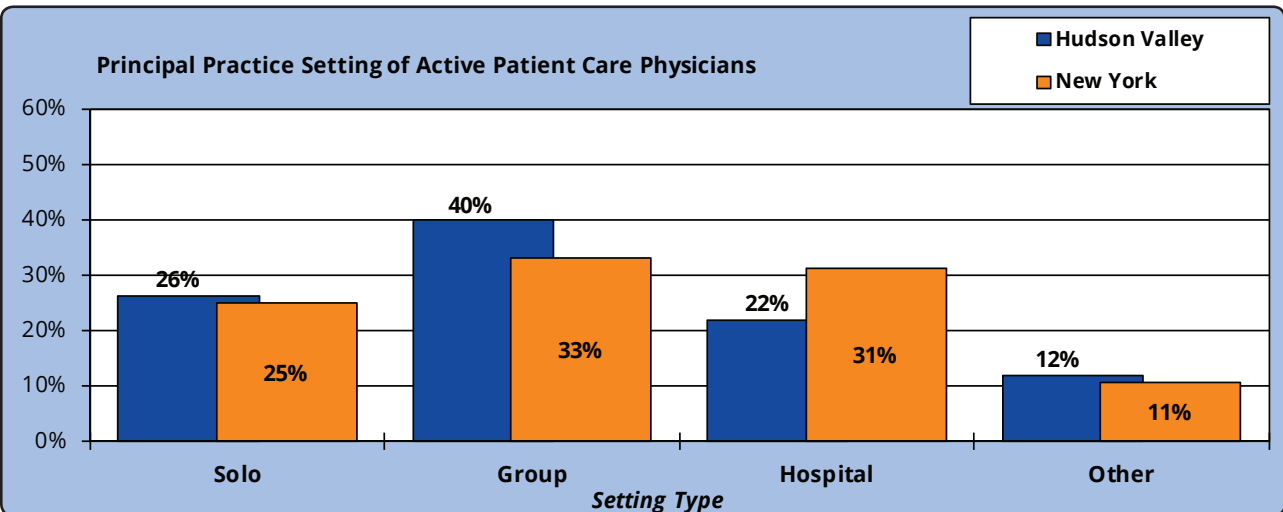
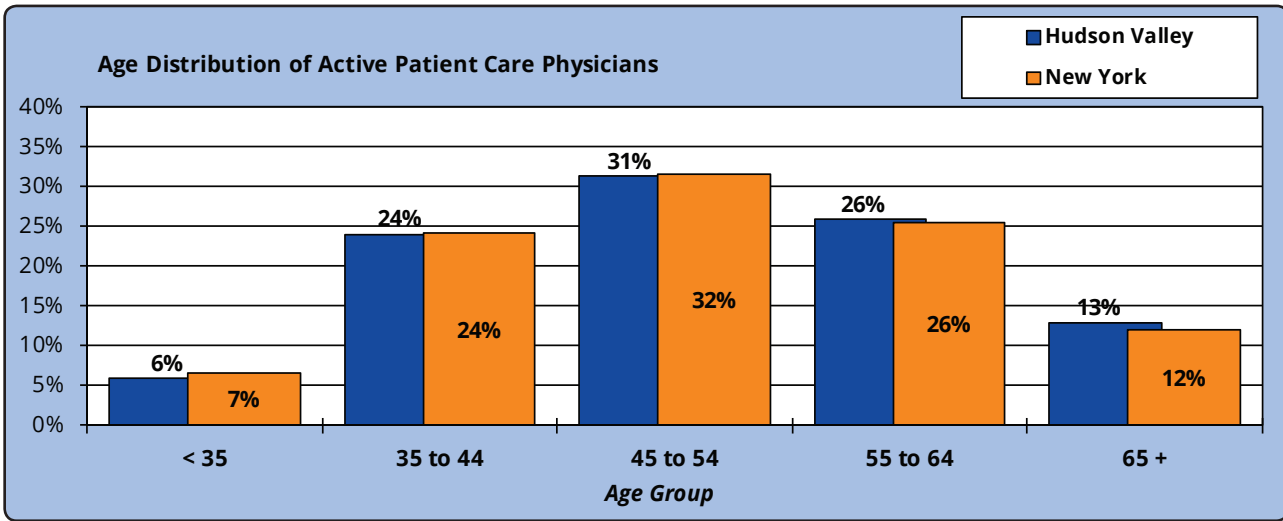
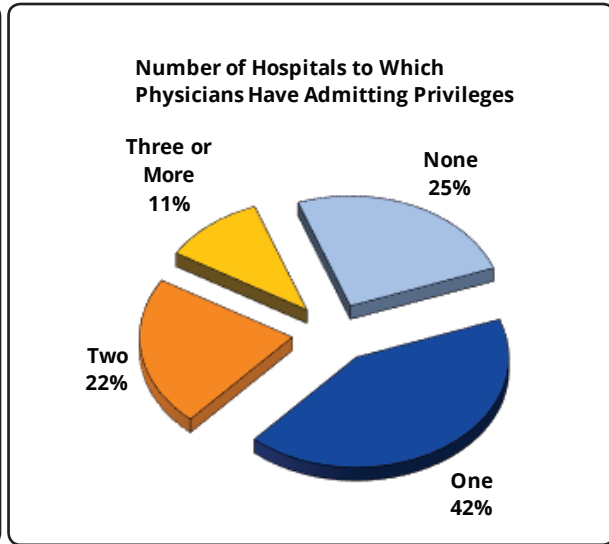
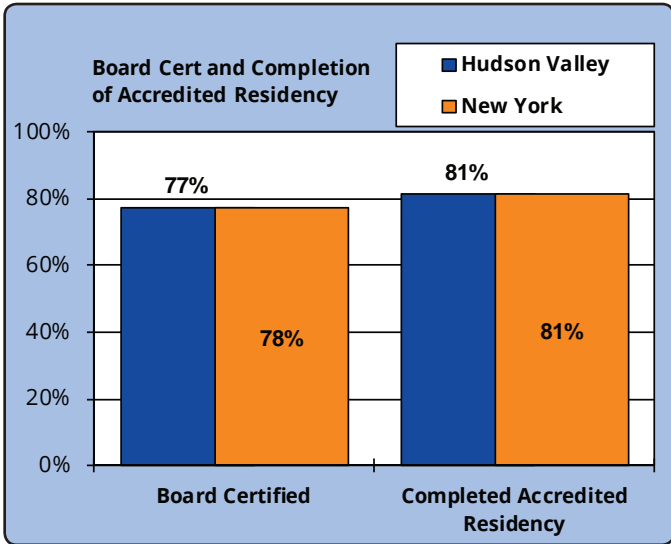
Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	367,436	876,260	262,731	1,506,427	65%
Other Race/Ethnicity	254,281	479,299	61,570	795,150	35%
<i>Total</i>	<i>621,717</i>	<i>1,355,559</i>	<i>324,301</i>	<i>2,301,577</i>	
<i>% of Pop.</i>	<i>27%</i>	<i>59%</i>	<i>14%</i>		<i>100%</i>
Percent in Poverty	11.1				
Unemployment Rate, 2014 ^b	4.7				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	26,286	(60.9)	Total Deaths	16,535	(718.5)
Births < 2500 g	1,922	(7.3)	<i>Heart Disease</i>	4,750	(206.4)
Total Pregnancies	33,078	(76.6)	<i>Lung Cancer</i>	1,042	(45.4)
Teen Pregnancies (age 15-19)	2,153	(26.4)	<i>Cerebrovascular Disease</i>	697	(30.3)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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>
2009-2013 Population	2,839,568	19,487,053	15%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	12,259	72,969	17%
Average Age	50	51	
Percent Female	30%	34%	
Percent Underrepresented Minority	6%	9%	
Percent International Medical Graduate	32%	33%	
Percent NY Medical Graduate	46%	40%	
Percent with Residency Training in NY	82%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	3,348	118	22,171	114
Non-Primary Care	8,911	314	50,798	261
<i>Ob/Gyn</i>	611	22	3,874	20
<i>IM Specialties</i>	2,031	72	10,667	55
<i>General Surgery</i>	310	11	1,798	9
<i>Surgical Specialties</i>	1,595	56	8,849	45
<i>Facility Based</i>	1,742	61	8,523	44
<i>Psychiatry</i>	726	26	6,302	32
Total (All Physicians)	12,259	432	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

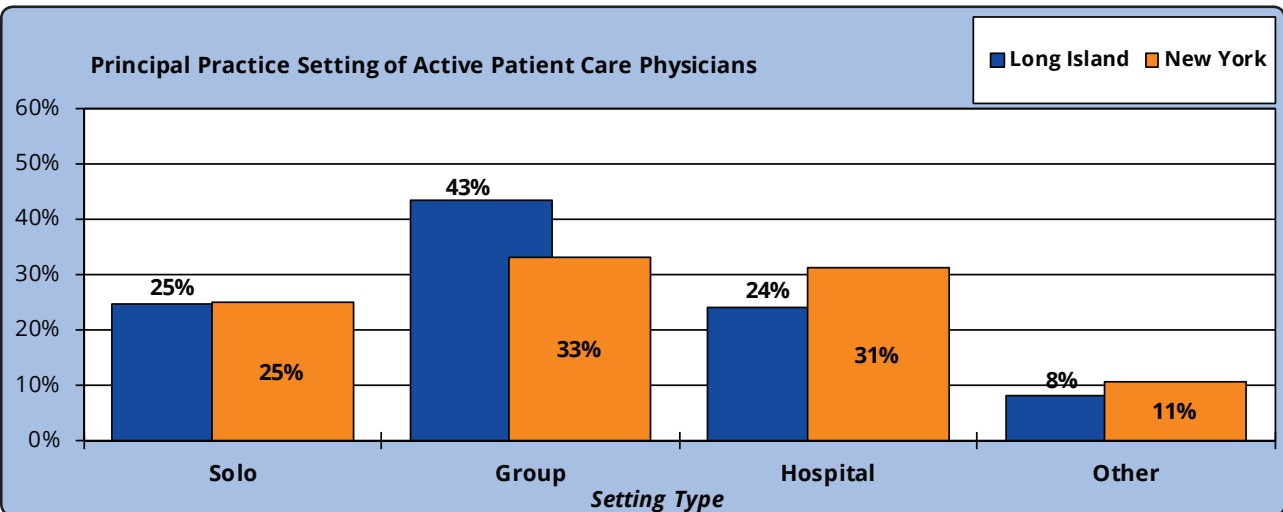
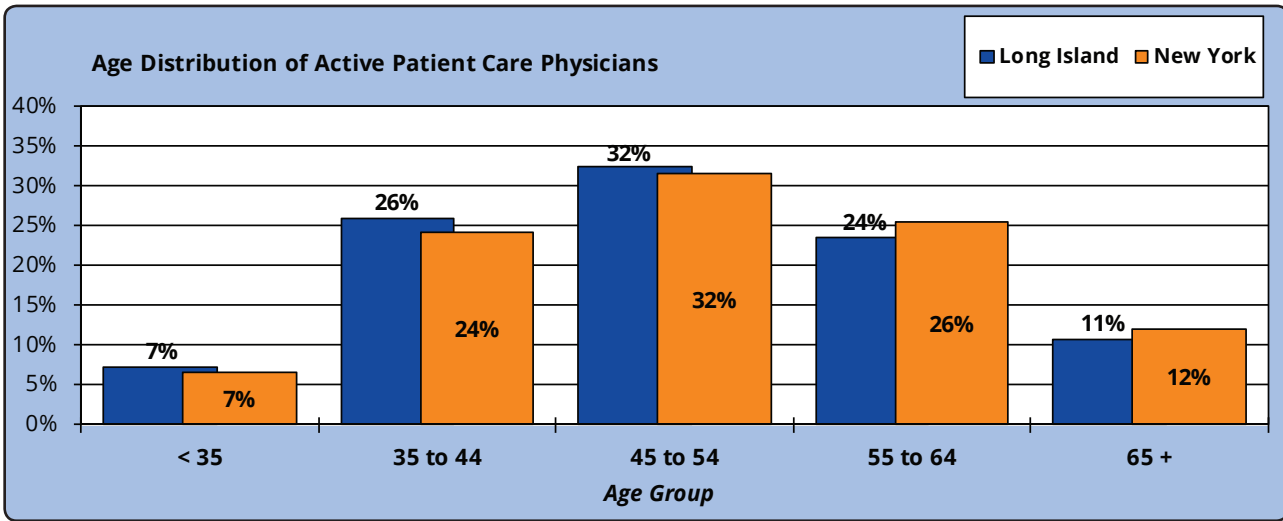
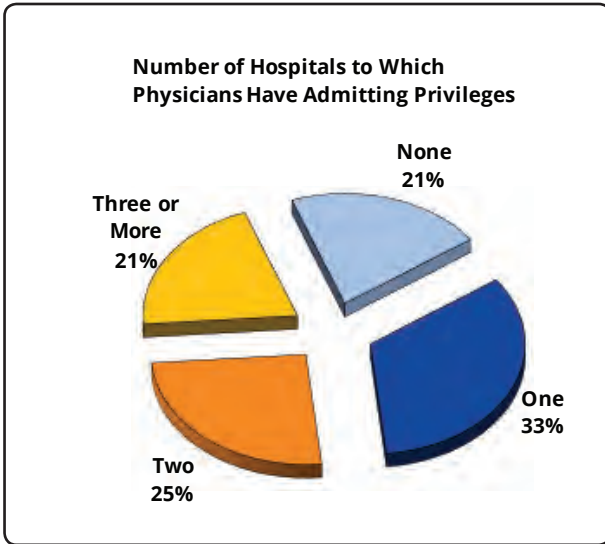
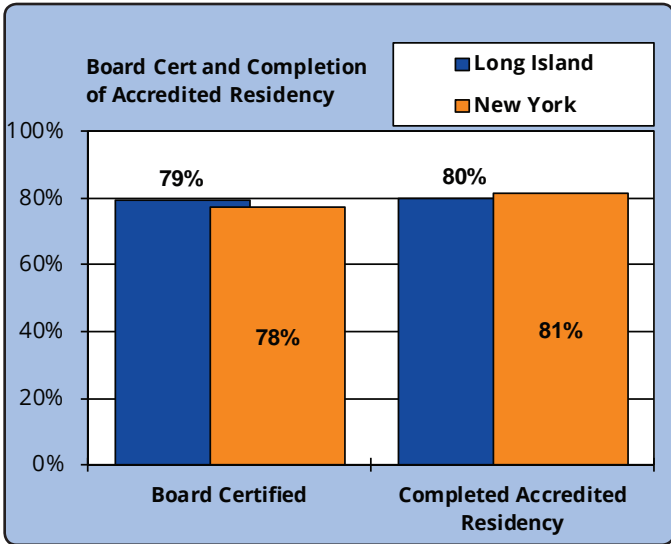
Selected Population Characteristics, 2009-2013					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	442,901	1,136,535	350,711	1,930,147	68%
Other Race/Ethnicity	290,263	550,687	68,471	909,421	32%
<i>Total</i>	733,164	1,687,222	419,182	2,839,568	
<i>% of Pop.</i>	26%	59%	15%		100%
Percent in Poverty	6.9				
Unemployment Rate, 2014 ^b	4.3				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	30,277	(57.2)	Total Deaths	22,086	(777.2)
Births < 2500 g	2,377	(7.9)	<i>Heart Disease</i>	7,322	(257.7)
Total Pregnancies	37,806	(71.4)	<i>Lung Cancer</i>	1,344	(47.4)
Teen Pregnancies (age 15-19)	2,096	(21.7)	<i>Cerebrovascular Disease</i>	867	(30.5)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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



	Mohawk Valley	New York	% of New York
2009-2013 Population	498,251	19,487,053	3%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	1,219	72,969	2%
Average Age	52	51	
Percent Female	23%	34%	
Percent Underrepresented Minority	5%	9%	
Percent International Medical Graduate	36%	33%	
Percent NY Medical Graduate	30%	40%	
Percent with Residency Training in NY	59%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	450	90	22,171	114
Non-Primary Care	770	154	50,798	261
<i>Ob/Gyn</i>	60	12	3,874	20
<i>IM Specialties</i>	165	33	10,667	55
<i>General Surgery</i>	60	12	1,798	9
<i>Surgical Specialties</i>	148	30	8,849	45
<i>Facility Based</i>	145	29	8,523	44
<i>Psychiatry</i>	86	17	6,302	32
Total (All Physicians)	1,219	245	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

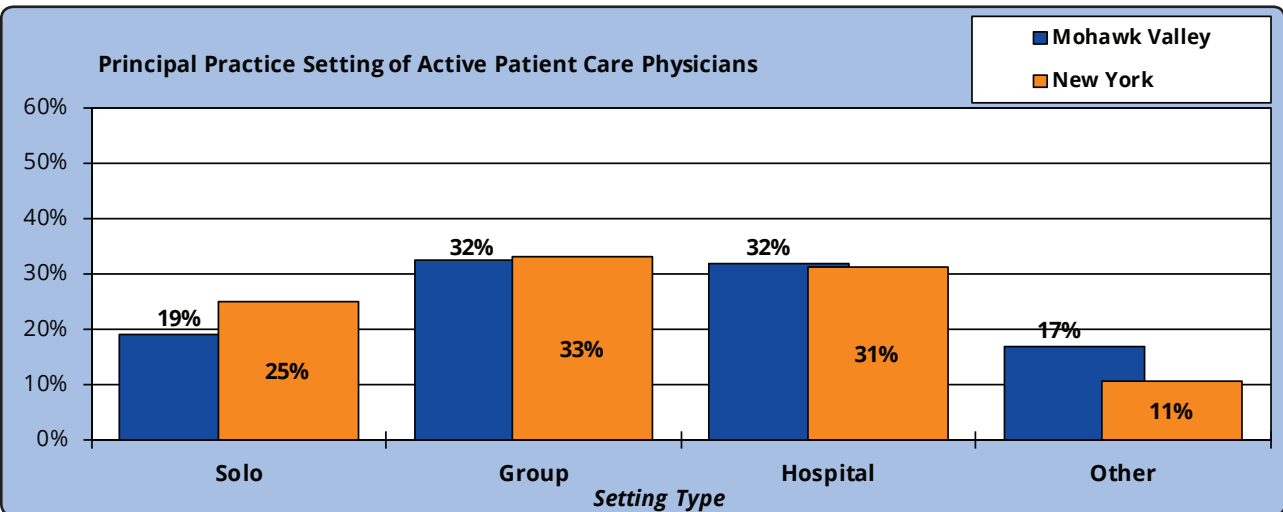
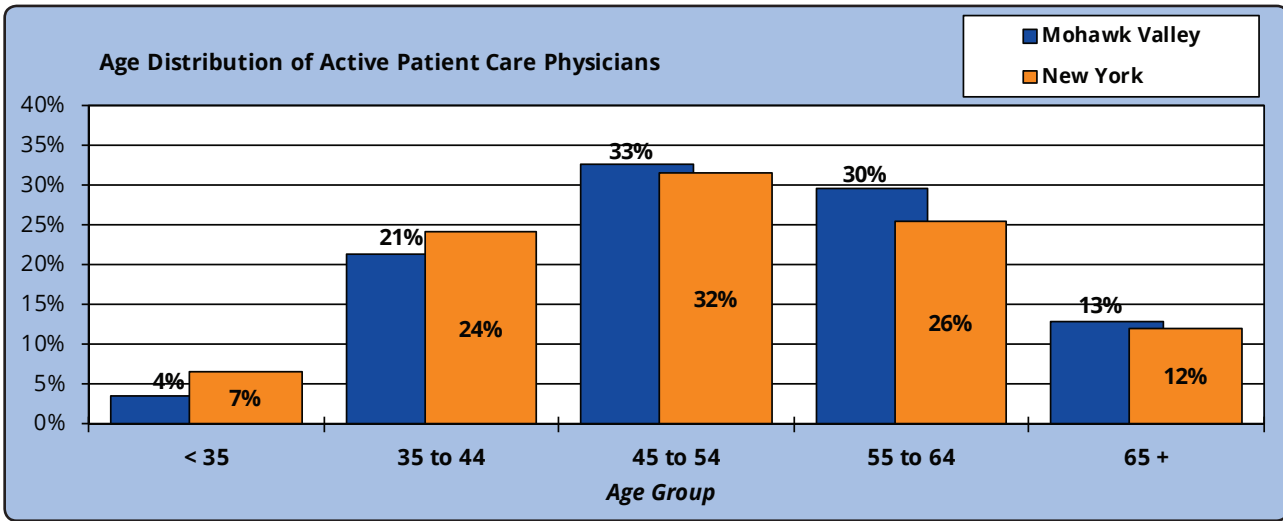
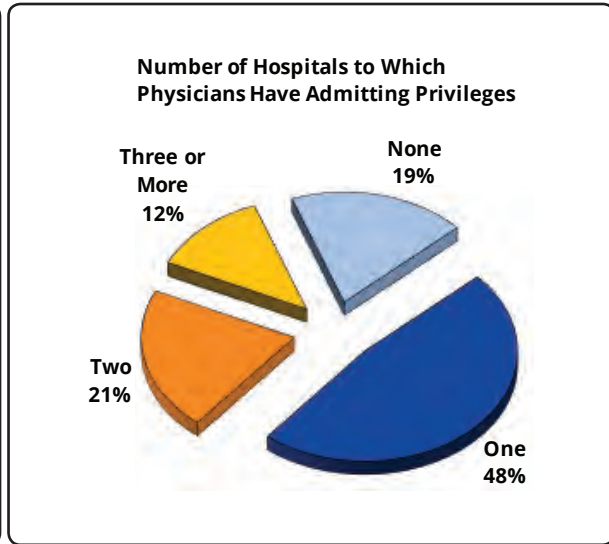
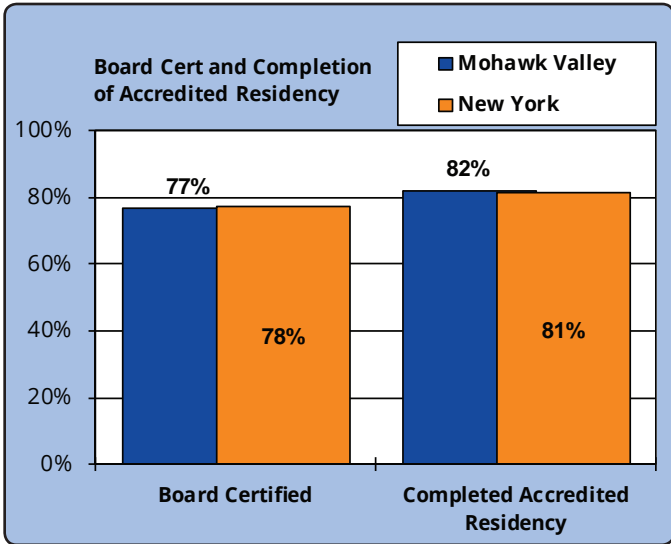
Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	99,779	260,682	80,188	440,649	88%
Other Race/Ethnicity	22,711	31,665	3,226	57,602	12%
<i>Total</i>	122,490	292,347	83,414	498,251	
<i>% of Pop.</i>	25%	59%	17%		100%
Percent in Poverty	16.1				
Unemployment Rate, 2014 ^b	6.2				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	5,222	(57.1)	Total Deaths	5,138	(1,031.1)
Births < 2500 g	375	(7.2)	<i>Heart Disease</i>	1,488	(298.7)
Total Pregnancies	6,860	(75.1)	<i>Lung Cancer</i>	325	(65.0)
Teen Pregnancies (age 15-19)	736	(40.3)	<i>Cerebrovascular Disease</i>	239	(48.0)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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>
2009-2013 Population	8,268,999	19,487,053	42%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	34,344	72,969	47%
Average Age	51	51	
Percent Female	37%	34%	
Percent Underrepresented Minority	12%	9%	
Percent International Medical Graduate	38%	33%	
Percent NY Medical Graduate	37%	40%	
Percent with Residency Training in NY	83%	77%	

<u>Specialty Group^a</u>	<u>Physician Supply, 2014</u>		<u>NY Physician Supply, 2014</u>	
	<u>Counts Phys</u>	<u>Per 100k Pop. Phys</u>	<u>Counts Phys</u>	<u>Per 100k Pop. Phys</u>
Primary Care	10,090	122	22,171	114
Non-Primary Care	24,255	293	50,798	261
<i>Ob/Gyn</i>	1,881	23	3,874	20
<i>IM Specialties</i>	5,230	63	10,667	55
<i>General Surgery</i>	741	9	1,798	9
<i>Surgical Specialties</i>	3,910	47	8,849	45
<i>Facility Based</i>	3,636	44	8,523	44
<i>Psychiatry</i>	3,613	44	6,302	32
Total (All Physicians)	34,344	415	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

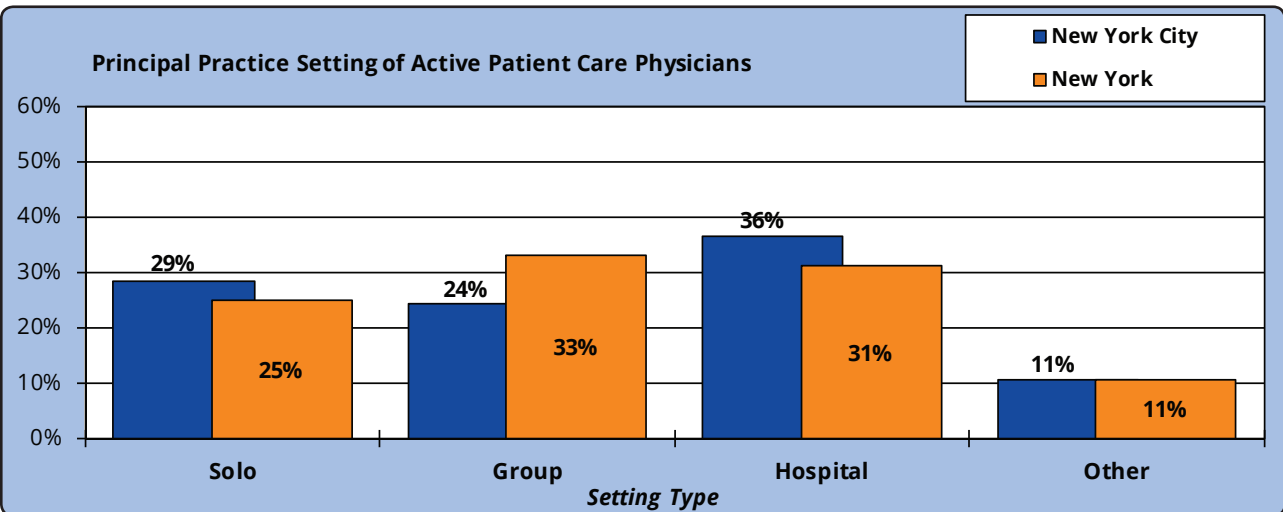
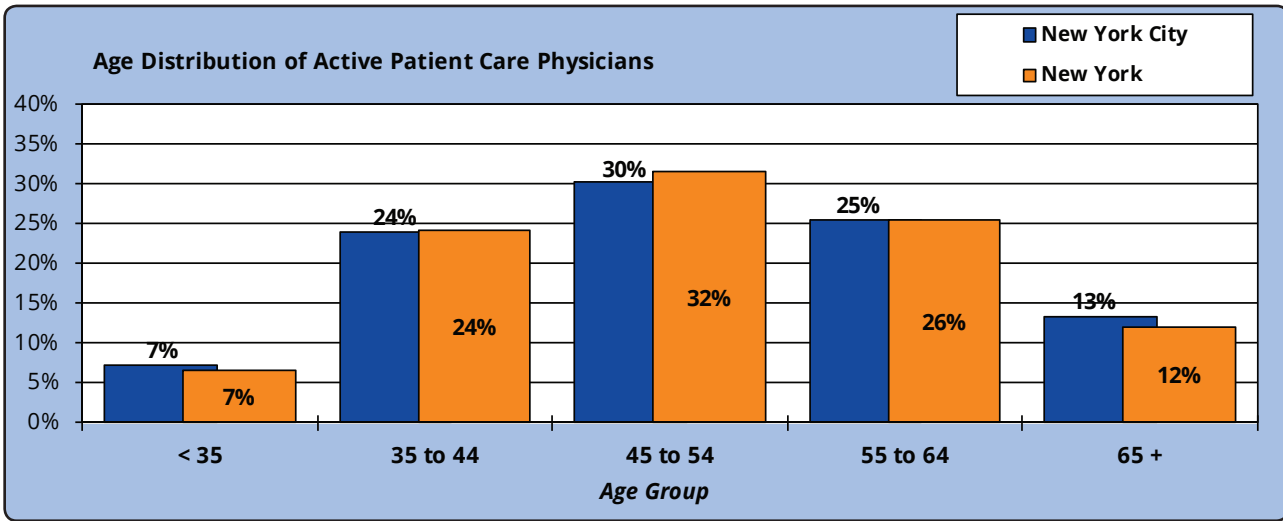
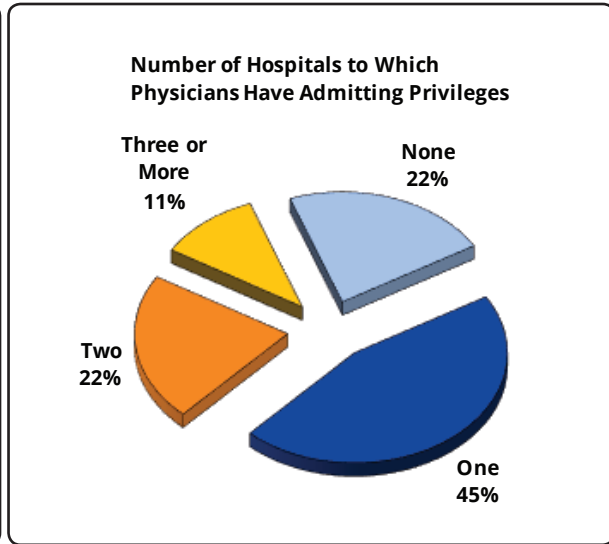
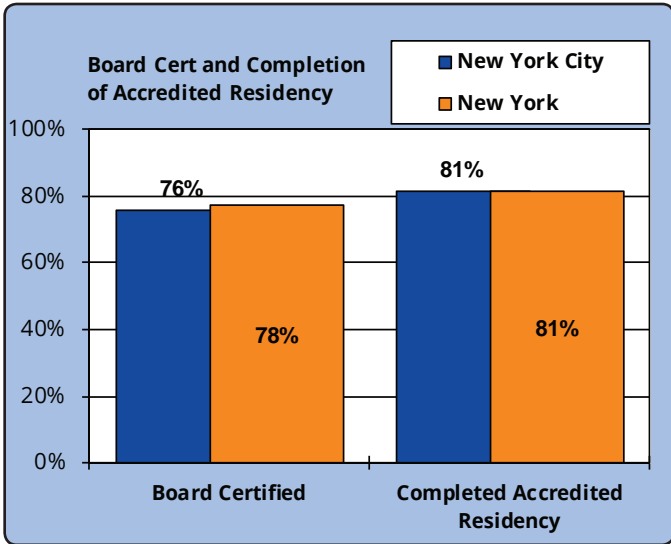
Selected Population Characteristics, 2009-2013					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	494,748	1,766,527	473,043	2,734,318	33%
Other Race/Ethnicity	1,494,535	3,489,796	550,350	5,534,681	67%
<i>Total</i>	1,989,283	5,256,323	1,023,393	8,268,999	
<i>% of Pop.</i>	24%	64%	12%		100%
Percent in Poverty	20.6				
Unemployment Rate, 2014 ^b	6.2				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	119,178	(62.3)	Total Deaths	51,045	(618.6)
Births < 2500 g	10,096	(8.5)	<i>Heart Disease</i>	16,995	(205.9)
Total Pregnancies	206,540	(107.9)	<i>Lung Cancer</i>	2,736	(29.8)
Teen Pregnancies (age 15-19)	17,194	(67.9)	<i>Cerebrovascular Disease</i>	1,677	(20.3)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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>
2009-2013 Population	434,813	19,487,053	2%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	934	72,969	1%
Average Age	53	51	
Percent Female	25%	34%	
Percent Underrepresented Minority	5%	9%	
Percent International Medical Graduate	23%	33%	
Percent NY Medical Graduate	27%	40%	
Percent with Residency Training in NY	42%	77%	

<u>Specialty Group^a</u>	<u>Physician Supply, 2014</u>		<u>NY Physician Supply, 2014</u>	
	<u>Counts Phys</u>	<u>Per 100k Pop. Phys</u>	<u>Counts Phys</u>	<u>Per 100k Pop. Phys</u>
Primary Care	361	83	22,171	114
Non-Primary Care	573	132	50,798	261
<i>Ob/Gyn</i>	52	12	3,874	20
<i>IM Specialties</i>	90	21	10,667	55
<i>General Surgery</i>	41	9	1,798	9
<i>Surgical Specialties</i>	107	25	8,849	45
<i>Facility Based</i>	100	23	8,523	44
<i>Psychiatry</i>	66	15	6,302	32
Total (All Physicians)	934	215	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

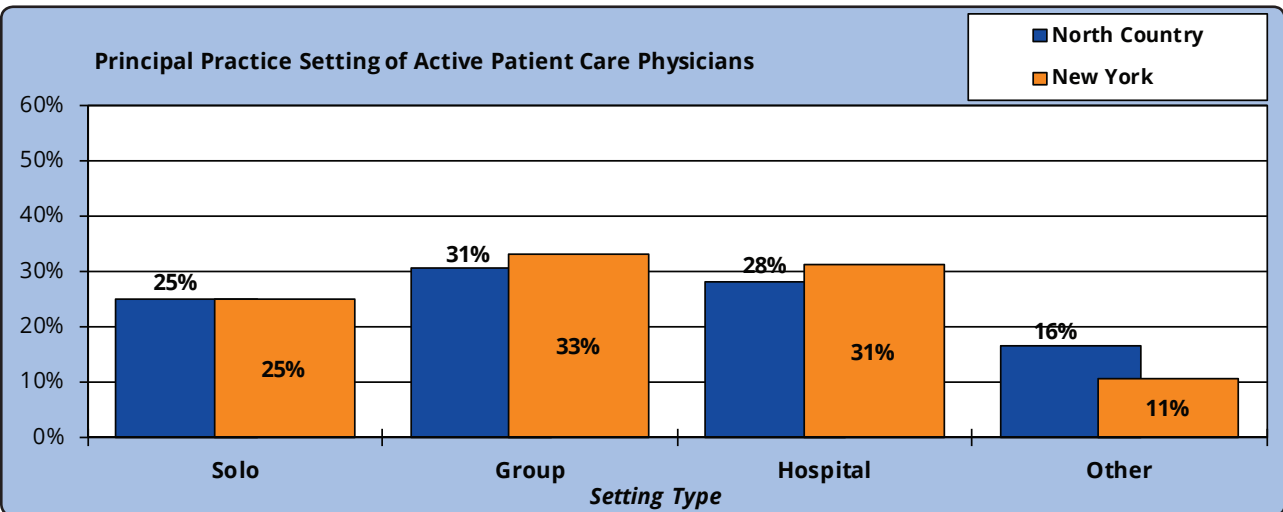
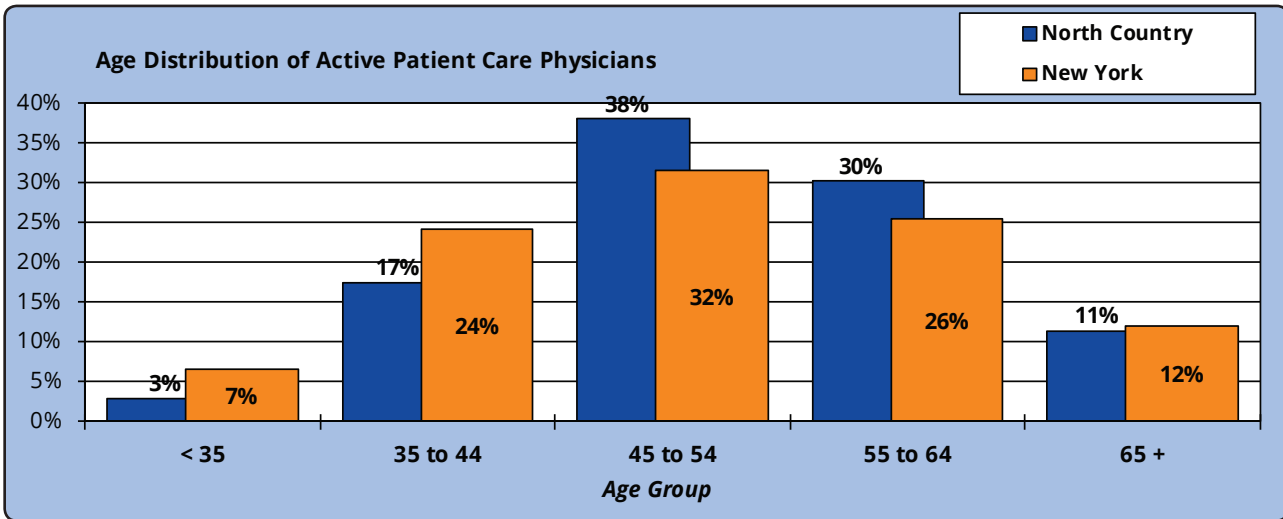
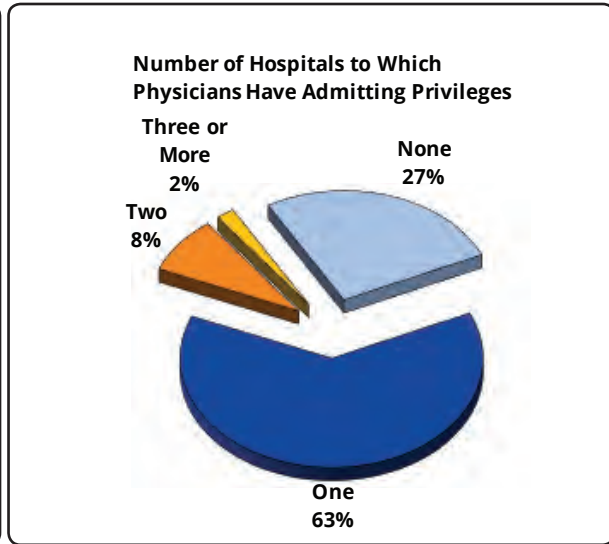
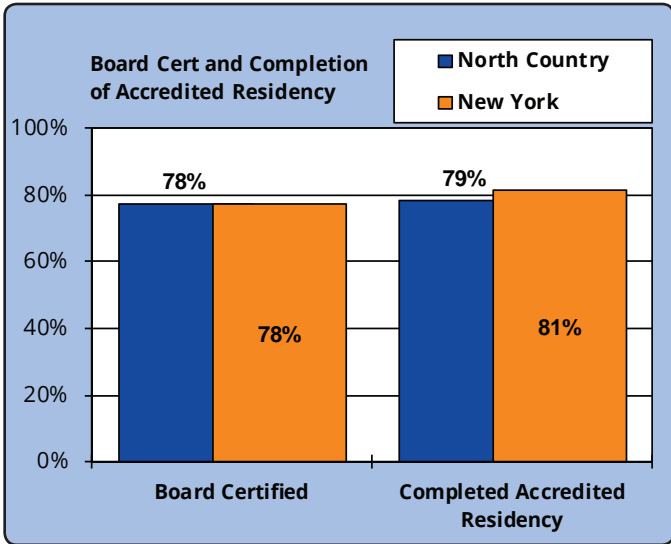
Selected Population Characteristics, 2009-2013					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	94,852	232,160	58,660	385,672	89%
Other Race/Ethnicity	14,500	32,629	2,012	49,141	11%
<i>Total</i>	<i>109,352</i>	<i>264,789</i>	<i>60,672</i>	<i>434,813</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>61%</i>	<i>14%</i>		<i>100%</i>
Percent in Poverty	16.1				
Unemployment Rate, 2014 ^b	7.1				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	5,400	(66.2)	Total Deaths	3,699	(850.8)
Births < 2500 g	386	(7.2)	<i>Heart Disease</i>	951	(218.7)
Total Pregnancies	6,718	(76.2)	<i>Lung Cancer</i>	258	(59.5)
Teen Pregnancies (age 15-19)	591	(36.2)	<i>Cerebrovascular Disease</i>	182	(41.9)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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



	Southern Tier	New York	% of New York
2009-2013 Population	656,228	19,487,053	3%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	1,654	72,969	2%
Average Age	52	51	
Percent Female	24%	34%	
Percent Underrepresented Minority	6%	9%	
Percent International Medical Graduate	29%	33%	
Percent NY Medical Graduate	33%	40%	
Percent with Residency Training in NY	51%	77%	

Specialty Group^a	Physician Supply, 2014		NY Physician Supply, 2014	
	Counts Phys	Per 100k Pop. Phys	Counts Phys	Per 100k Pop. Phys
Primary Care	644	98	22,171	114
Non-Primary Care	1,010	154	50,798	261
<i>Ob/Gyn</i>	77	12	3,874	20
<i>IM Specialties</i>	187	29	10,667	55
<i>General Surgery</i>	60	9	1,798	9
<i>Surgical Specialties</i>	193	29	8,849	45
<i>Facility Based</i>	186	28	8,523	44
<i>Psychiatry</i>	103	16	6,302	32
Total (All Physicians)	1,654	252	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

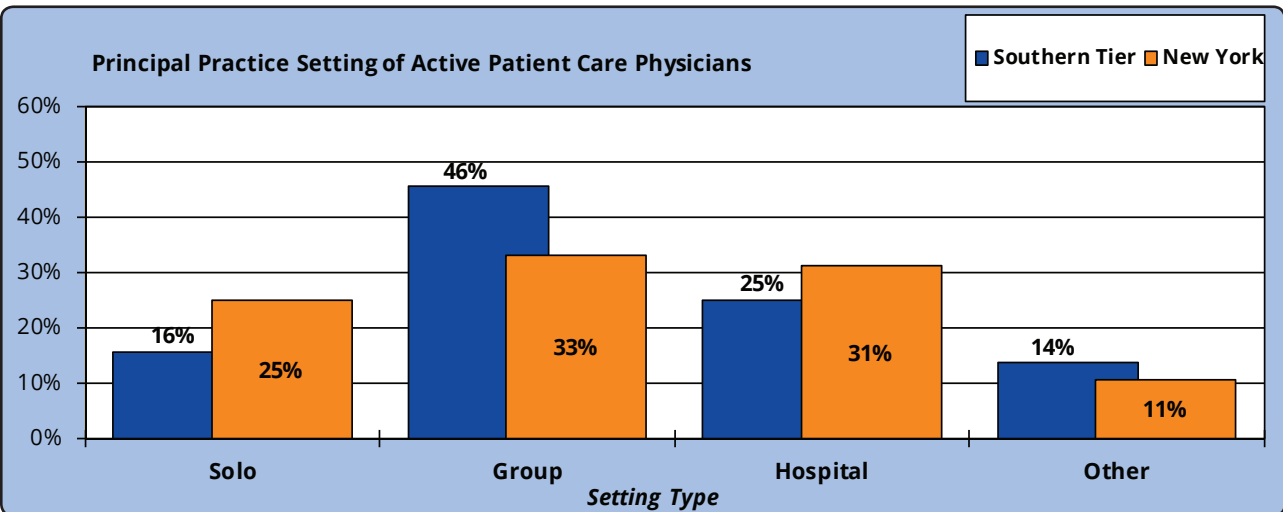
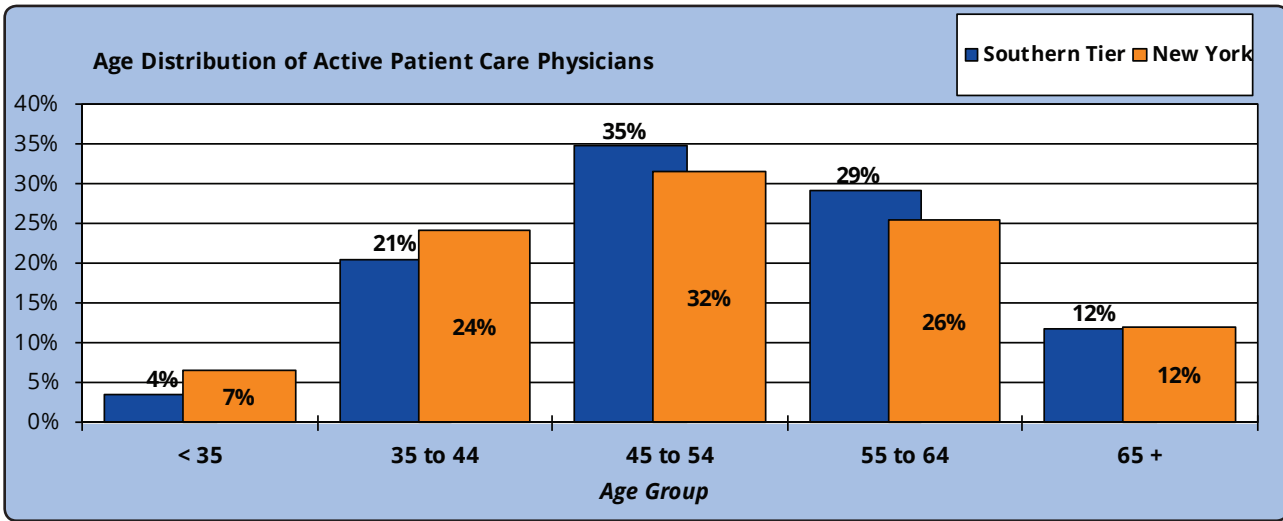
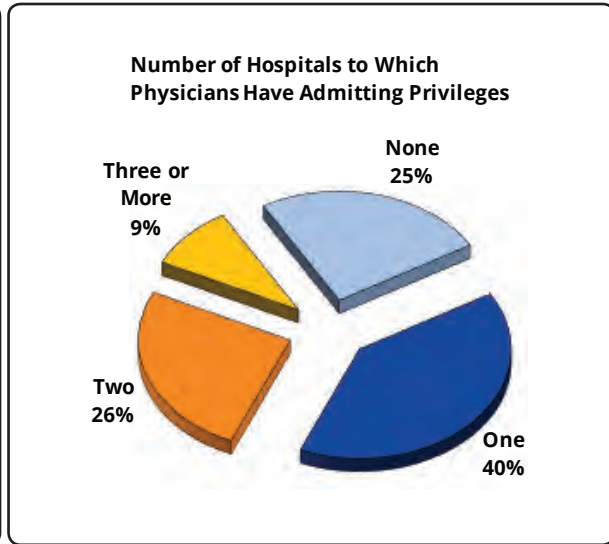
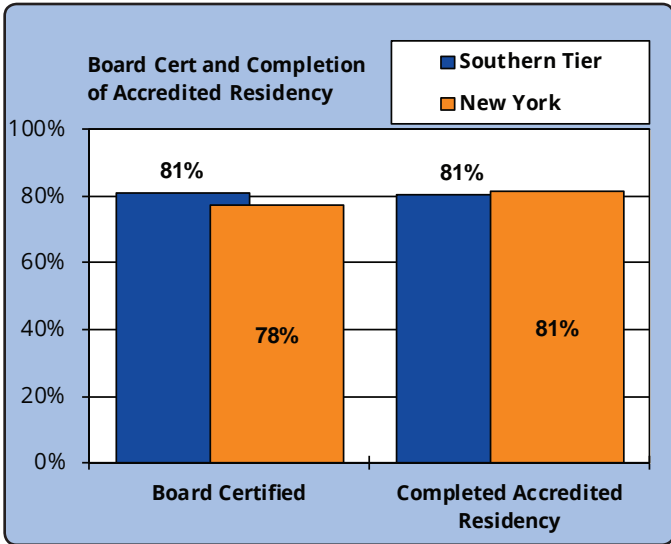
Selected Population Characteristics, 2009-2013					
	Ages 0-19	Ages 20-64	Ages 65+	Total	% of Pop.
White Non-Hispanic	136,035	344,470	100,728	581,233	89%
Other Race/Ethnicity	26,576	44,591	3,828	74,995	11%
Total	162,611	389,061	104,556	656,228	
% of Pop.	25%	59%	16%		100%
Percent in Poverty	16.0				
Unemployment Rate, 2014 ^b	5.6				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	6,681	(52.9)	Total Deaths	6,323	(963.6)
Births < 2500 g	486	(7.3)	<i>Heart Disease</i>	1,722	(262.4)
Total Pregnancies	8,861	(70.2)	<i>Lung Cancer</i>	400	(60.8)
Teen Pregnancies (age 15-19)	876	(34.7)	<i>Cerebrovascular Disease</i>	318	(48.5)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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>
2009-2013 Population	1,397,204	19,487,053	7%
Profile of Active Patient Care Physicians, 2014			
Number of Physicians	3,926	72,969	5%
Average Age	51	51	
Percent Female	28%	34%	
Percent Underrepresented Minority	5%	9%	
Percent International Medical Graduate	30%	33%	
Percent NY Medical Graduate	46%	40%	
Percent with Residency Training in NY	70%	77%	

<u>Specialty Group^a</u>	<u>Physician Supply, 2014</u>		<u>NY Physician Supply, 2014</u>	
	<u>Counts Phys</u>	<u>Per 100k Pop. Phys</u>	<u>Counts Phys</u>	<u>Per 100k Pop. Phys</u>
Primary Care	1,290	92	22,171	114
Non-Primary Care	2,636	189	50,798	261
<i>Ob/Gyn</i>	220	16	3,874	20
<i>IM Specialties</i>	485	35	10,667	55
<i>General Surgery</i>	123	9	1,798	9
<i>Surgical Specialties</i>	532	38	8,849	45
<i>Facility Based</i>	518	37	8,523	44
<i>Psychiatry</i>	193	14	6,302	32
Total (All Physicians)	3,926	281	72,969	374

^aOther physician specialties are not displayed but are included in the non-primary care total.

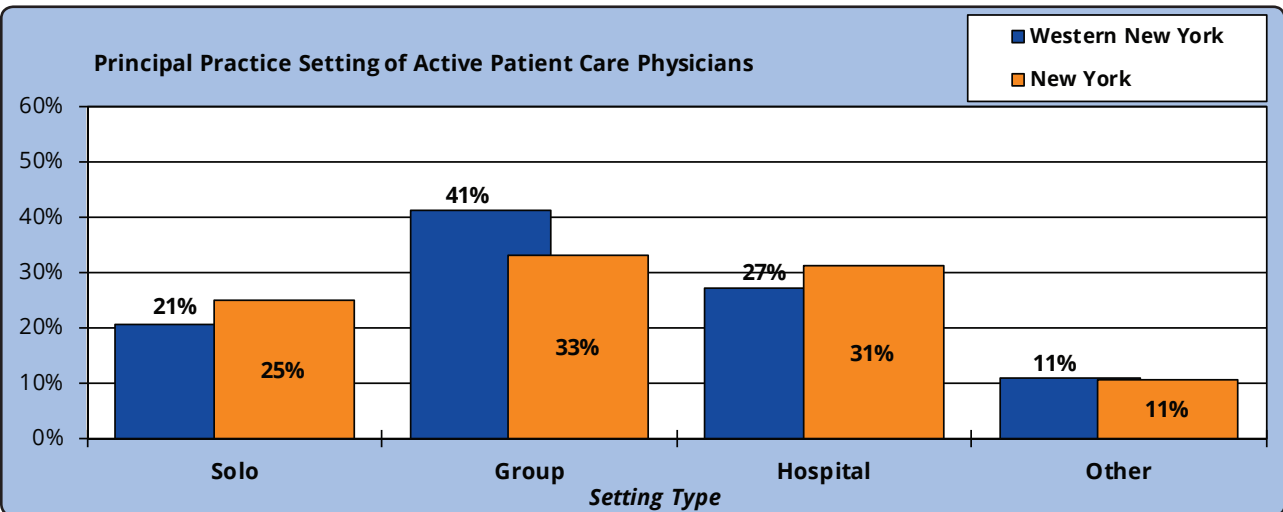
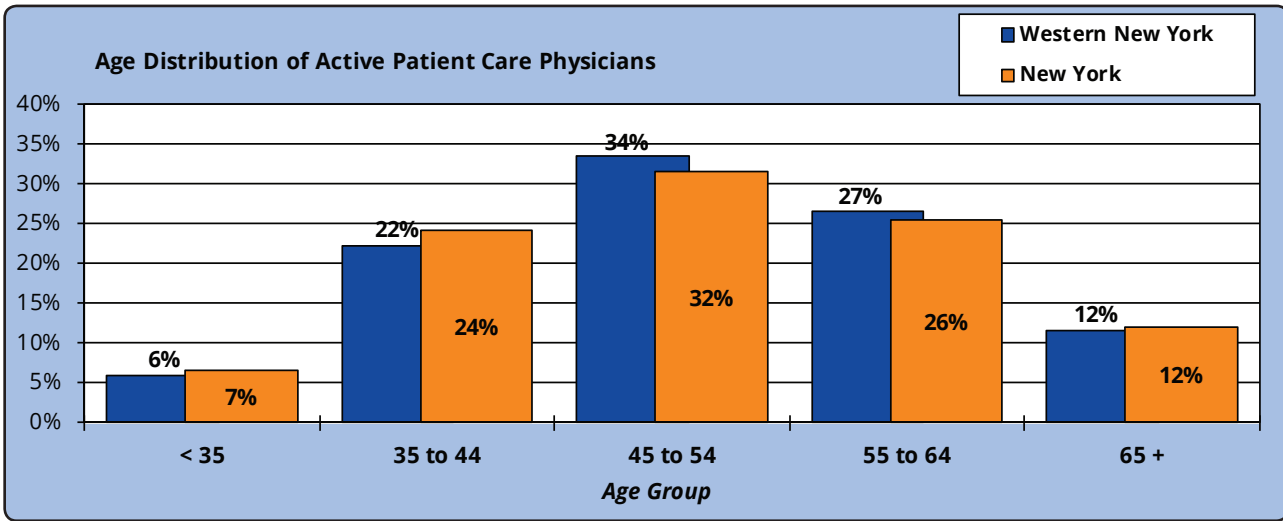
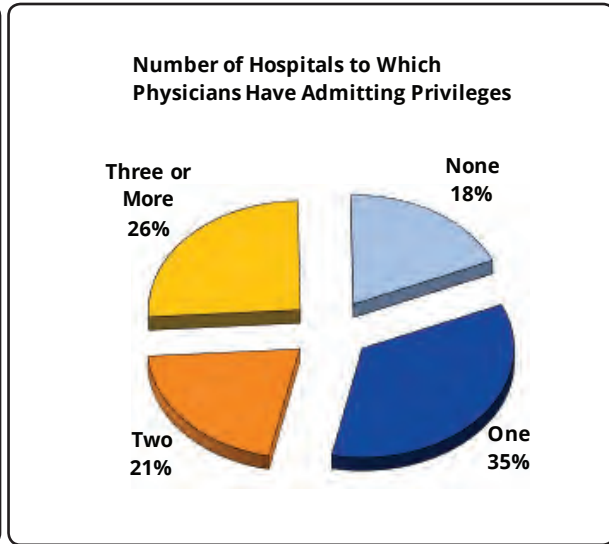
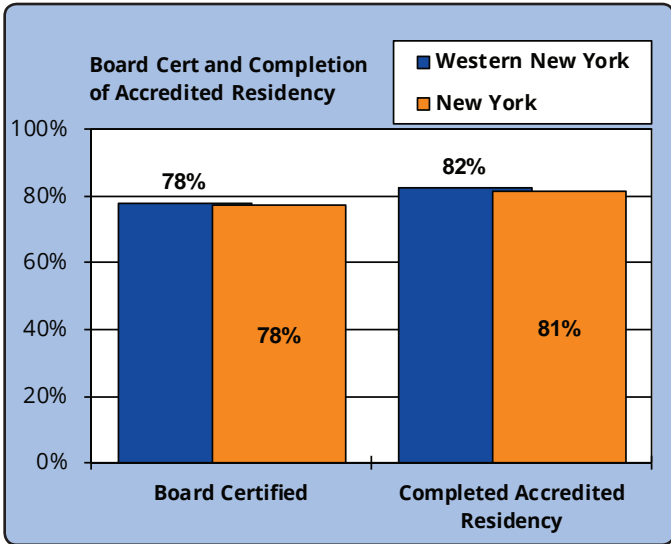
Selected Population Characteristics, 2009-2013					
	<u>Ages 0-19</u>	<u>Ages 20-64</u>	<u>Ages 65+</u>	<u>Total</u>	<u>% of Pop.</u>
White Non-Hispanic	249,296	684,848	203,615	1,137,759	81%
Other Race/Ethnicity	93,134	145,651	20,660	259,445	19%
<i>Total</i>	<i>342,430</i>	<i>830,499</i>	<i>224,275</i>	<i>1,397,204</i>	
<i>% of Pop.</i>	<i>25%</i>	<i>59%</i>	<i>16%</i>		<i>100%</i>
Percent in Poverty	15.0				
Unemployment Rate, 2014 ^b	5.7				

^bUnemployment rate is per 100 persons in the labor force.

Health Status Indicators, 2010-2012^c					
Total Births	14,781	(55.7)	Total Deaths	14,379	(1,028.9)
Births < 2500 g	1,233	(8.4)	<i>Heart Disease</i>	3,971	(284.1)
Total Pregnancies	20,406	(76.9)	<i>Lung Cancer</i>	928	(66.4)
Teen Pregnancies (age 15-19)	2,096	(43.1)	<i>Cerebrovascular Disease</i>	770	(55.1)

^cRates appear in parentheses. Birth rate is live births per 1k women age 15-44, births < 2500 g 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.

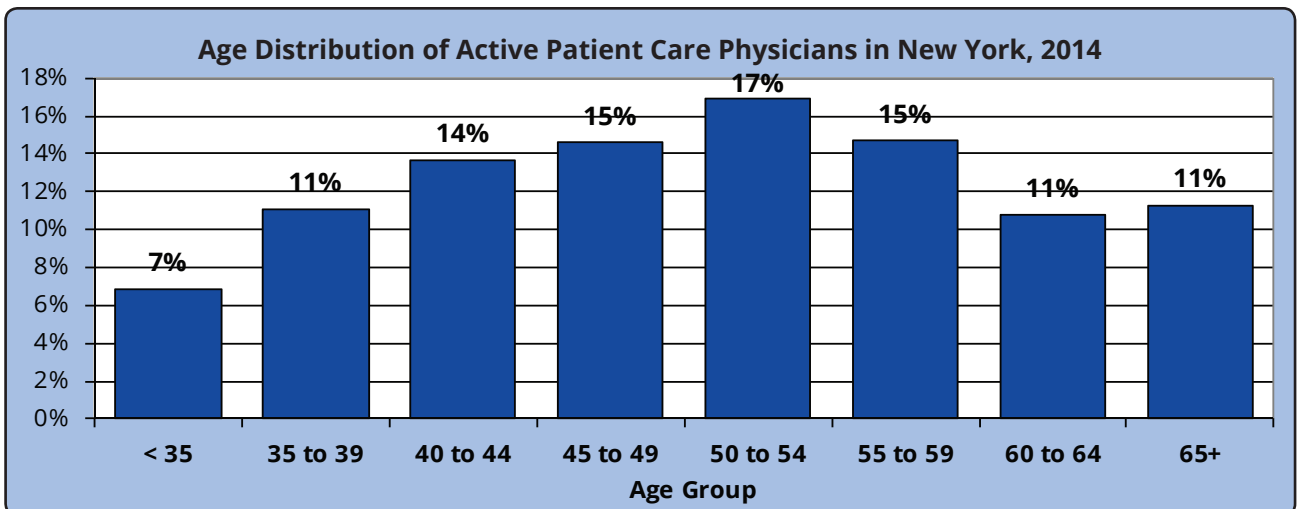
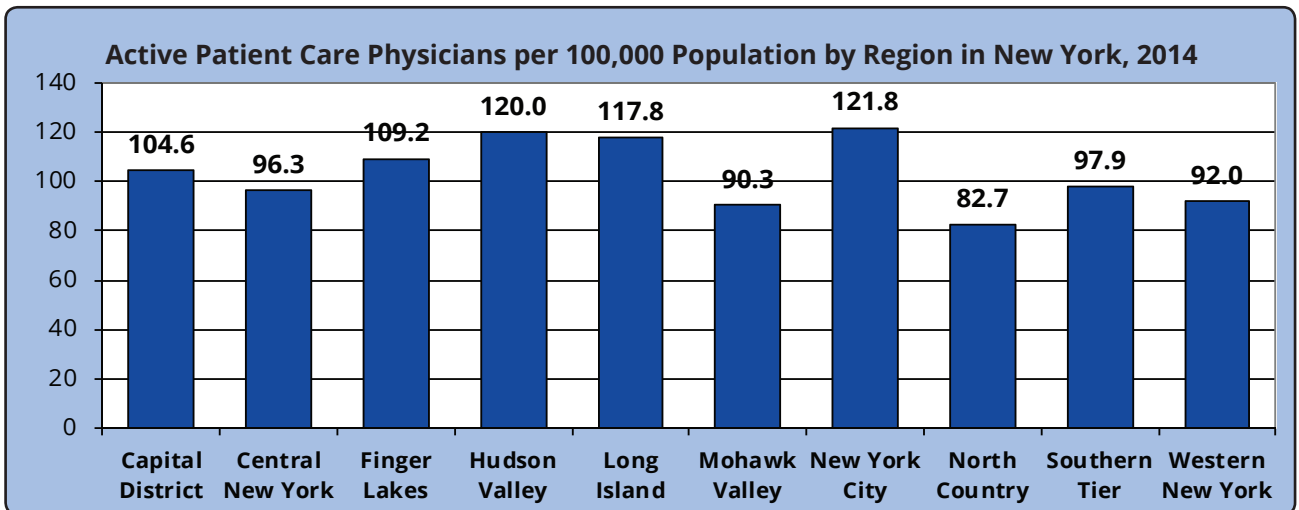
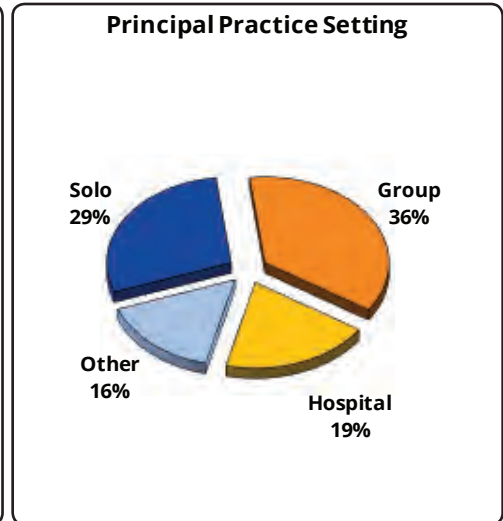
Table 2. Medical Specialty Groups

<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



Active Patient Care Physicians, 2014	Spec	All Spec
Physicians in Specialty ^a (% of All Spec)	22,141	(30.3%)
Average Age	51	51
Percent Female	42%	34%
Percent Underrepresented Minority	12%	9%
Percent International Medical Graduate	42%	33%
Percent Board Certified	76%	78%
Percent Accredited Residency	84%	81%
^a Based on Principal Specialty		
# of Hospitals to Which Drs Have Admitting Privileges		
None	16%	22%
One Hospital	49%	42%
Two or More Hospitals	35%	36%



OBSTETRICS/GYNECOLOGY



Active Patient Care Physicians, 2014

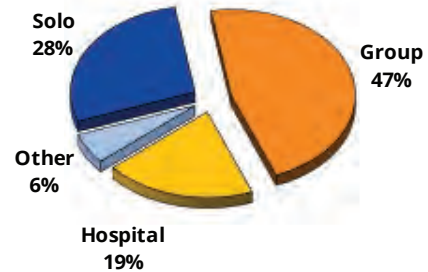
	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty ^a (% of All Spec)	3,865	(5.3%)
Average Age	50	51
Percent Female	50%	34%
Percent Underrepresented Minority	15%	9%
Percent International Medical Graduate	27%	33%
Percent Board Certified	79%	78%
Percent Accredited Residency	86%	81%

^aBased on Principal Specialty

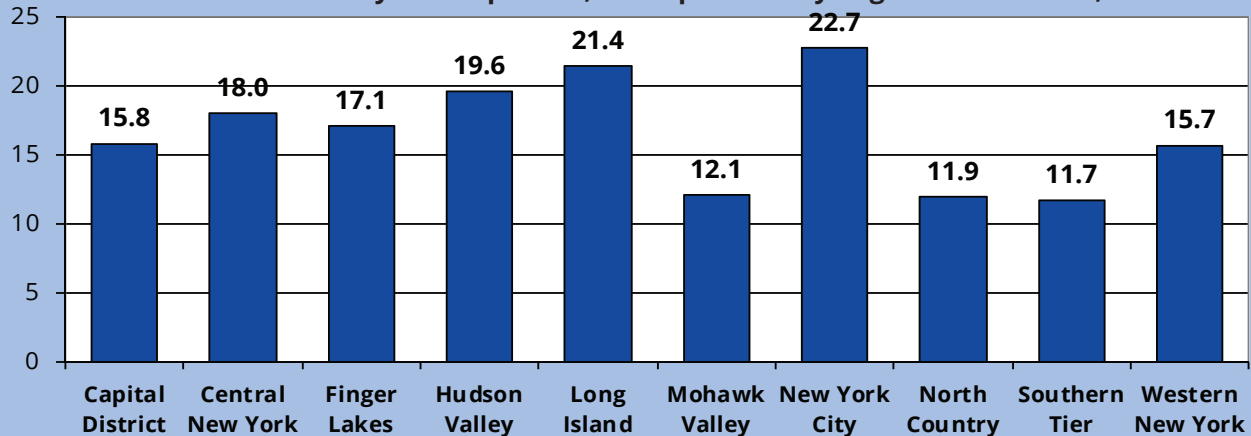
of Hospitals to Which Drs Have Admitting Privileges

None	7%	22%
One Hospital	49%	42%
Two or More Hospitals	44%	36%

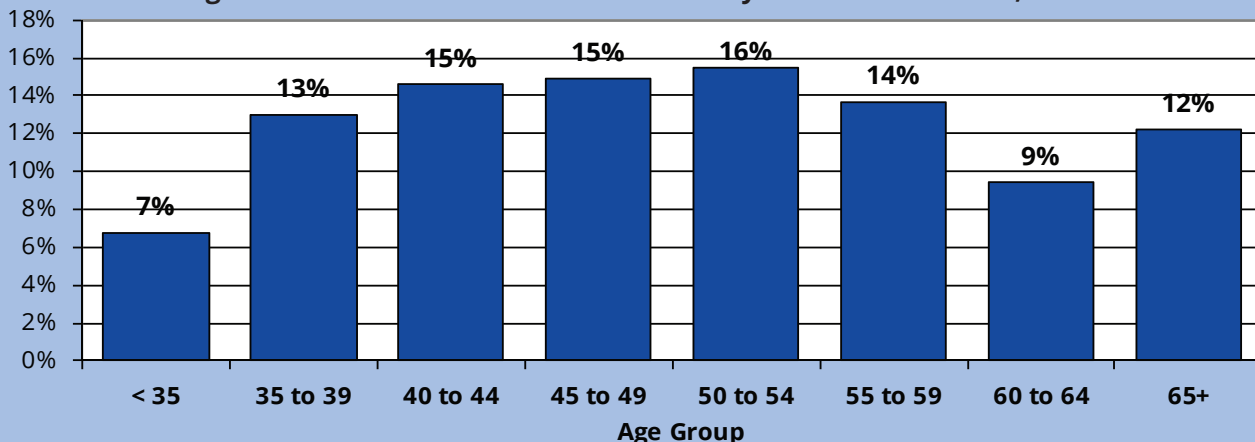
Principal Practice Setting



Active Patient Care Physicians per 100,000 Population by Region in New York, 2014



Age Distribution of Active Patient Care Physicians in New York, 2014



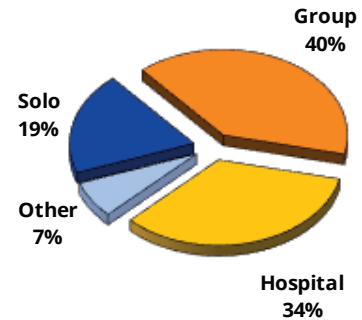
INTERNAL MEDICINE SPECIALTIES



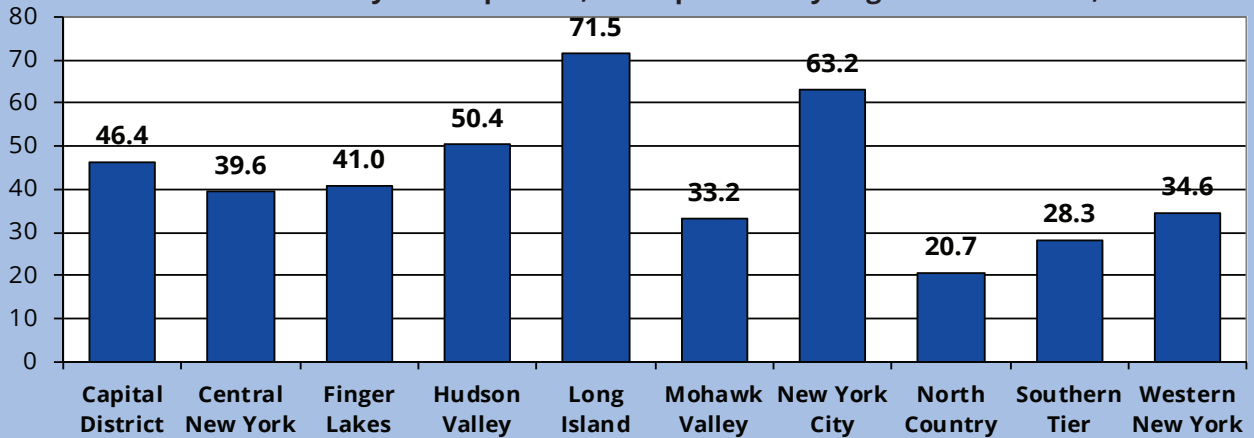
Active Patient Care Physicians, 2014

	<u>Spec</u>	<u>All Spec</u>
Physicians in Specialty ^a (% of All Spec)	10,654	(14.6%)
Average Age	51	51
Percent Female	26%	34%
Percent Underrepresented Minority	6%	9%
Percent International Medical Graduate	31%	33%
Percent Board Certified	83%	78%
Percent Accredited Residency	74%	81%
^a Based on Principal Specialty		
# of Hospitals to Which Drs Have Admitting Privileges		
None	9%	22%
One Hospital	41%	42%
Two or More Hospitals	49%	36%

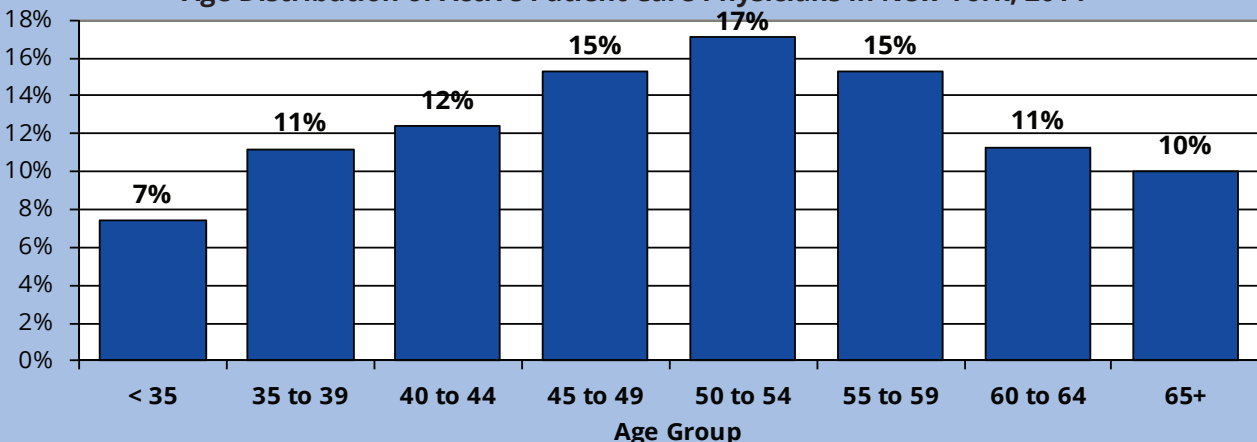
Principal Practice Setting



Active Patient Care Physicians per 100,000 Population by Region in New York, 2014



Age Distribution of Active Patient Care Physicians in New York, 2014

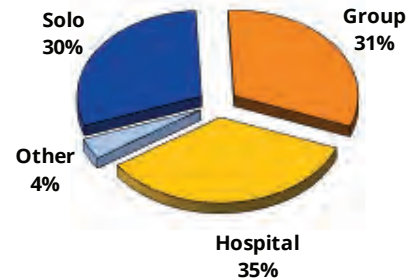


GENERAL SURGERY

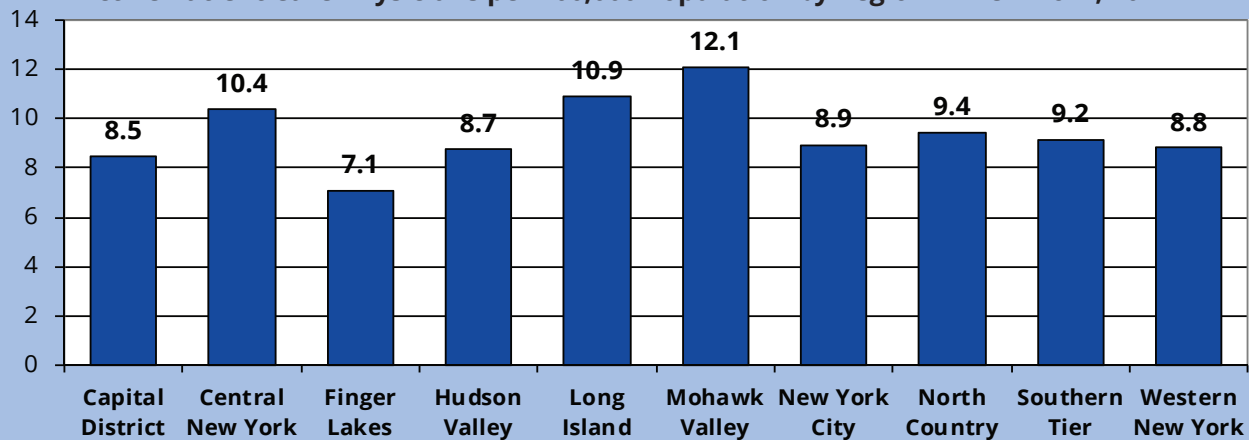


	Spec	All Spec
Active Patient Care Physicians, 2014		
Physicians in Specialty ^a (% of All Spec)	1,794	(2.5%)
Average Age	53	51
Percent Female	16%	34%
Percent Underrepresented Minority	11%	9%
Percent International Medical Graduate	34%	33%
Percent Board Certified	79%	78%
Percent Accredited Residency	82%	81%
^a Based on Principal Specialty		
# of Hospitals to Which Drs Have Admitting Privileges		
None	10%	22%
One Hospital	41%	42%
Two or More Hospitals	49%	36%

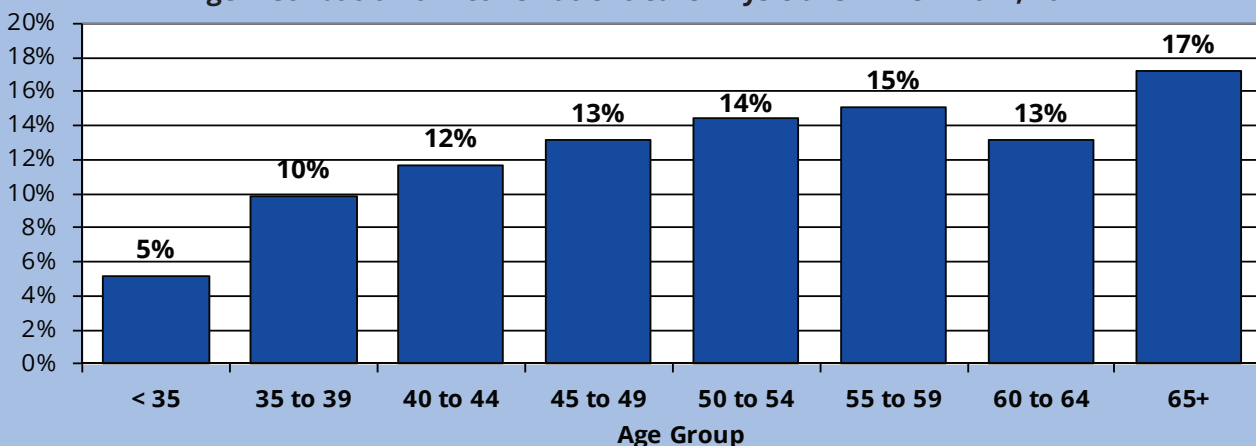
Principal Practice Setting



Active Patient Care Physicians per 100,000 Population by Region in New York, 2014



Age Distribution of Active Patient Care Physicians in New York, 2014



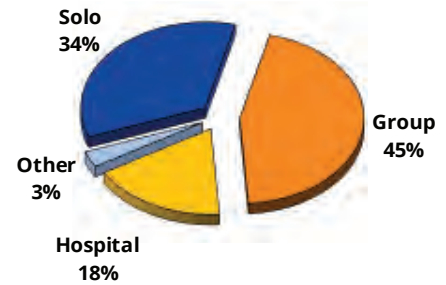
SURGICAL SPECIALTIES



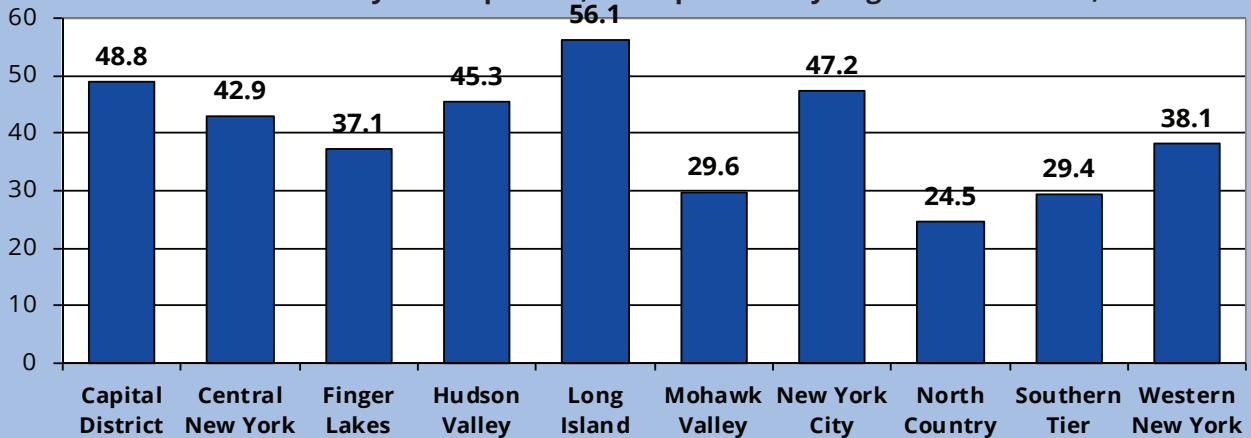
Active Patient Care Physicians, 2014

	Spec	All Spec
Physicians in Specialty ^a (% of All Spec)	8,839	(12.1%)
Average Age	51	51
Percent Female	13%	34%
Percent Underrepresented Minority	5%	9%
Percent International Medical Graduate	14%	33%
Percent Board Certified	81%	78%
Percent Accredited Residency	83%	81%
^a Based on Principal Specialty		
# of Hospitals to Which Drs Have Admitting Privileges		
None	8%	22%
One Hospital	28%	42%
Two or More Hospitals	64%	36%

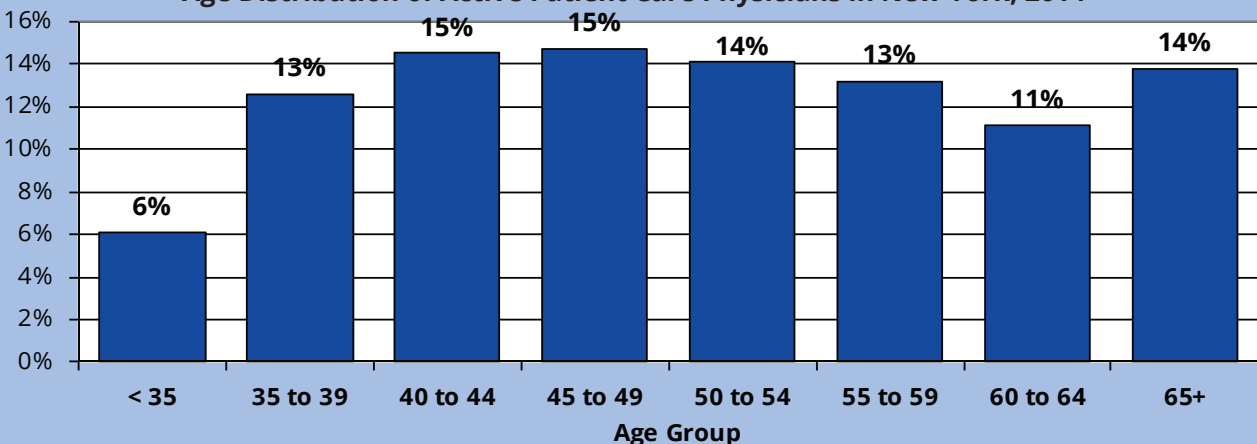
Principal Practice Setting



Active Patient Care Physicians per 100,000 Population by Region in New York, 2014



Age Distribution of Active Patient Care Physicians in New York, 2014



FACILITY BASED



Active Patient Care Physicians, 2014

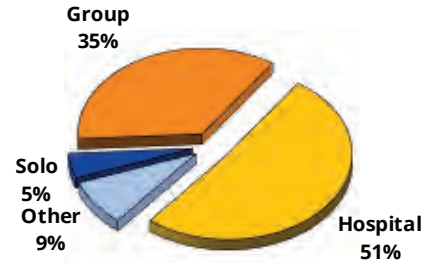
	Spec	All Spec
Physicians in Specialty ^a (% of All Spec)	8,499	(11.6%)
Average Age	50	51
Percent Female	30%	34%
Percent Underrepresented Minority	6%	9%
Percent International Medical Graduate	35%	33%
Percent Board Certified	80%	78%
Percent Accredited Residency	84%	81%

^aBased on Principal Specialty

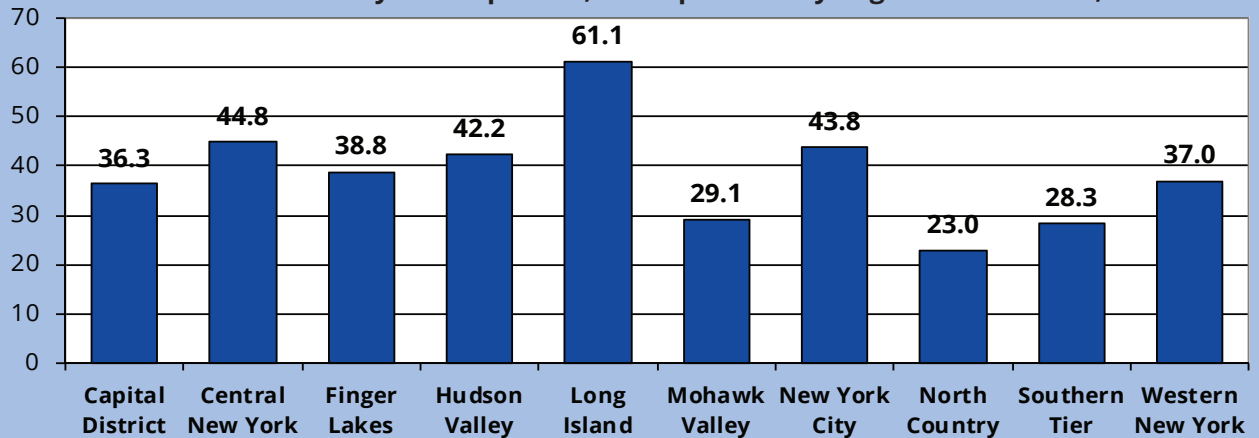
of Hospitals to Which Drs Have Admitting Privileges

None	49%	22%
One Hospital	34%	42%
Two or More Hospitals	17%	36%

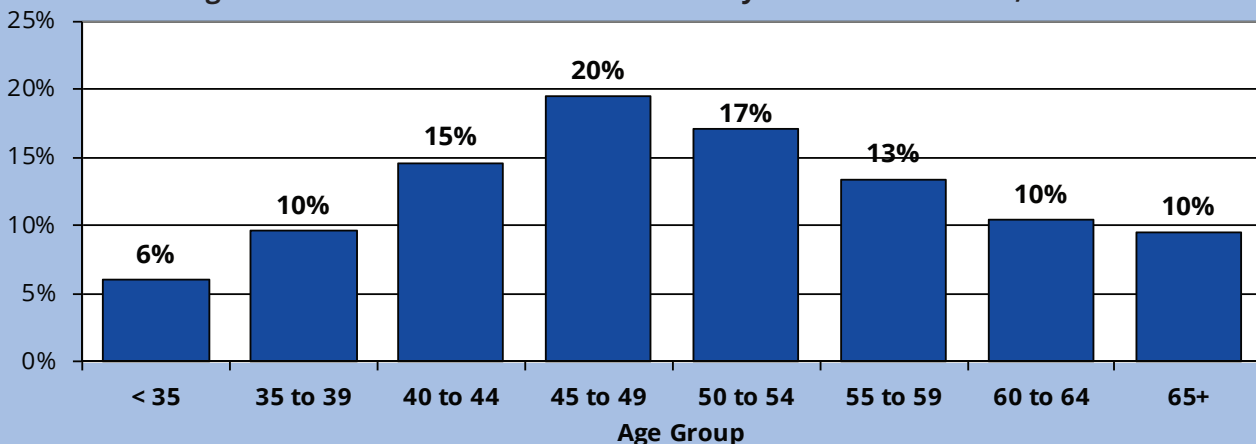
Principal Practice Setting



Active Patient Care Physicians per 100,000 Population by Region in New York, 2014



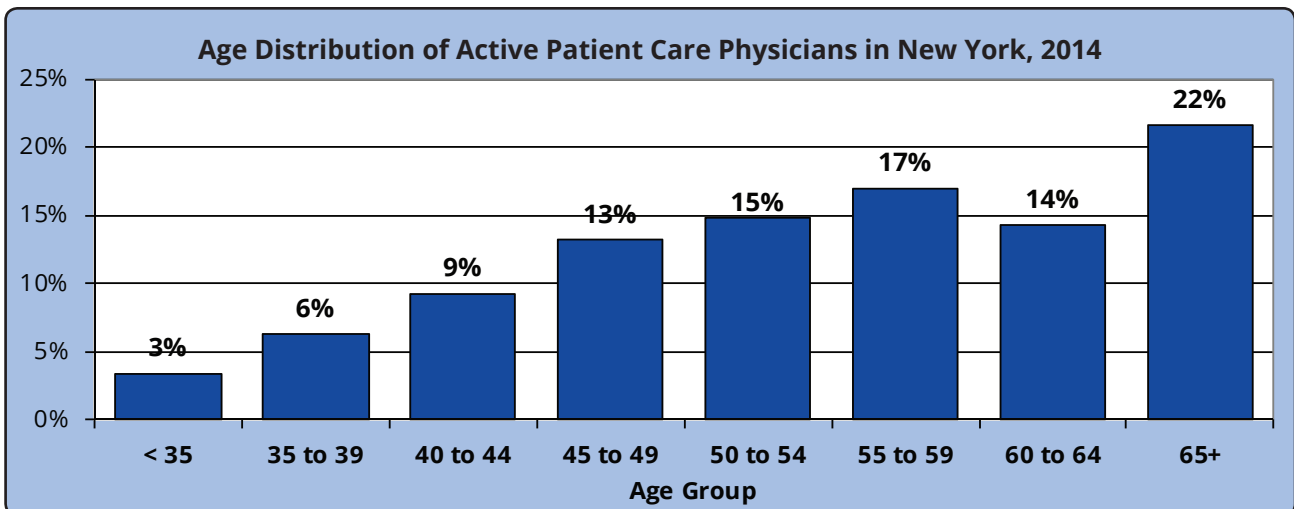
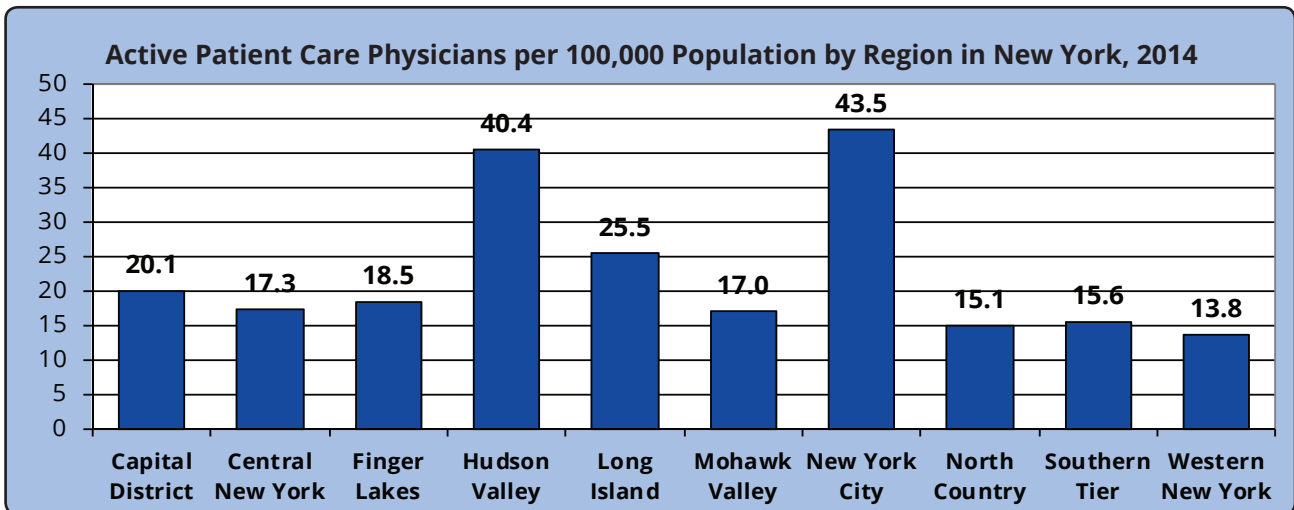
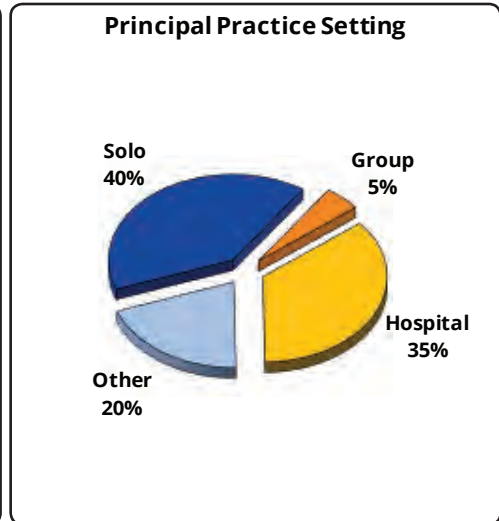
Age Distribution of Active Patient Care Physicians in New York, 2014



PSYCHIATRY



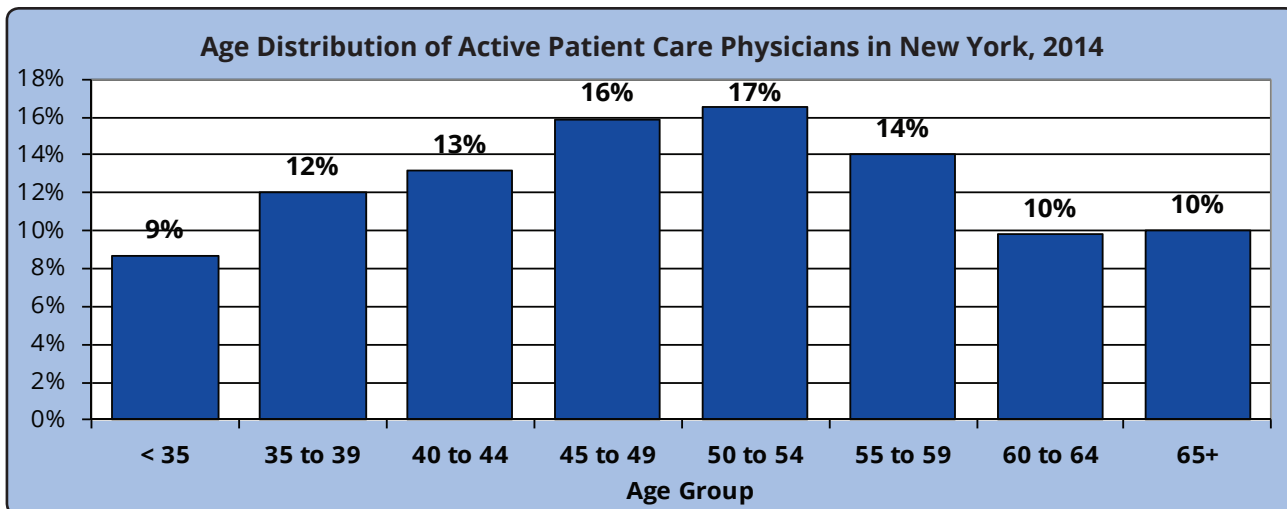
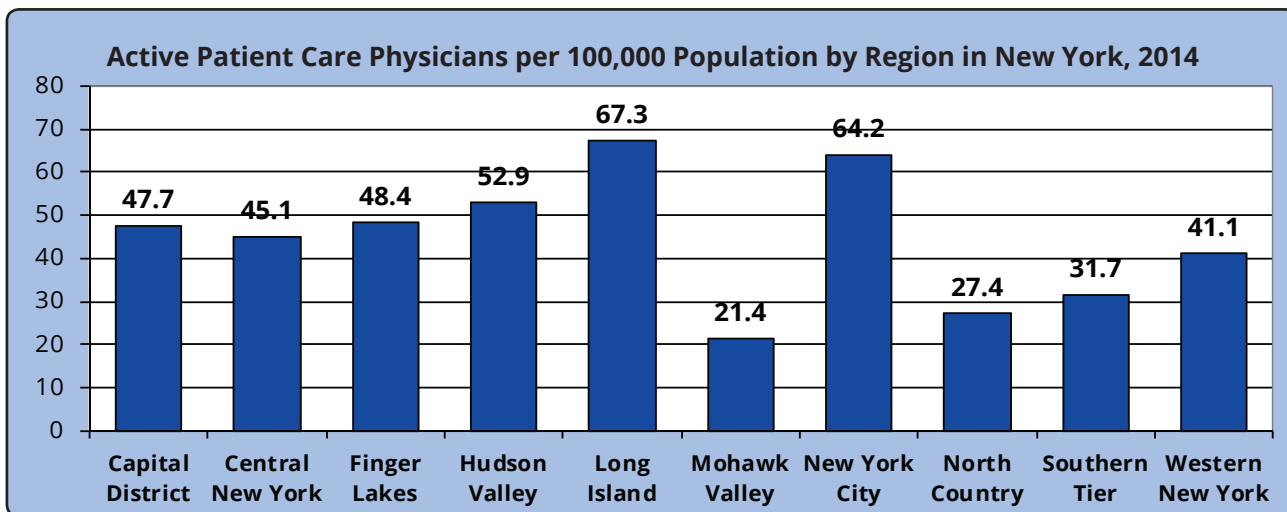
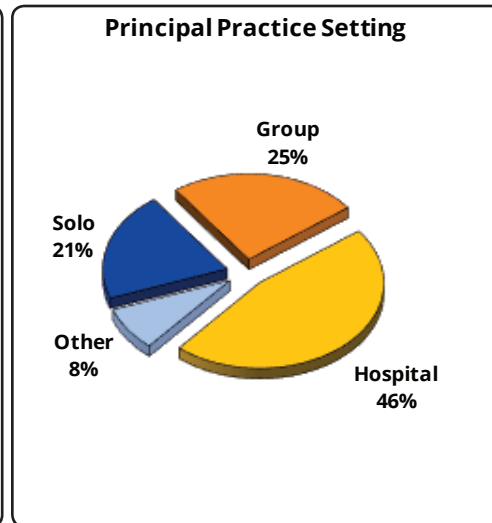
	<u>Spec</u>	<u>All Spec</u>
Active Patient Care Physicians, 2014		
Physicians in Specialty ^a (% of All Spec)	6,275	(8.6%)
Average Age	55	51
Percent Female	39%	34%
Percent Underrepresented Minority	10%	9%
Percent International Medical Graduate	38%	33%
Percent Board Certified	70%	78%
Percent Accredited Residency	87%	81%
^a Based on Principal Specialty		
# of Hospitals to Which Drs Have Admitting Privileges		
None	38%	22%
One Hospital	46%	42%
Two or More Hospitals	16%	36%



OTHER SPECIALTIES



Active Patient Care Physicians, 2014	Spec	All Spec
Physicians in Specialty ^a (% of All Spec)	10,903	(14.9%)
Average Age	50	51
Percent Female	37%	34%
Percent Underrepresented Minority	8%	9%
Percent International Medical Graduate	28%	33%
Percent Board Certified	75%	78%
Percent Accredited Residency	74%	81%
^a Based on Principal Specialty		
# of Hospitals to Which Drs Have Admitting Privileges		
None	30%	22%
One Hospital	40%	42%
Two or More Hospitals	31%	36%



APPENDIX A: SURVEY INSTRUMENT

PRACTICE SPECIALTY IN WHICH YOU SPEND MOST OF YOUR PROFESSIONAL TIME

Mark **ONE** principal specialty and **ONE** secondary specialty, if applicable.

Principal Secondary

- Allergy & Immunology
- Anesthesiology
- Dermatology
- Emergency Medicine
- Family Medicine
- General Practice
- Internal Medicine (General)
- Cardiovascular Disease
- Critical Care
- Endocrinology, Diabetes 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)
- Pediatrics (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



SERIAL

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

- 0% 1-19% 20-39% 40-59%
- 60-79% 80-99% 100%

20 Training and Certification:

	Completed Accredited Residency Program		Board Certified/Cert. of Added/Special Qualification	
Principal Specialty	<input type="radio"/> Y	<input type="radio"/> N	<input type="radio"/> Y	<input type="radio"/> N
Secondary Specialty	<input type="radio"/> Y	<input type="radio"/> N	<input type="radio"/> Y	<input type="radio"/> N

21 In the next year, do you plan to: (Mark all that apply.)

- Retire from patient care?
- Significantly reduce patient care hours?
- Move your practice to a location in New York?
- Move your practice out of New York?

22 Does your principal practice site use an electronic health record (EHR)? An EHR is a computerized version of a patient's medical information.

- Yes, all electronic No
- Yes, part paper, part electronic Don't know

23 Does your principal practice site use a computerized system...

	Yes	No
for computerized provider order entry (CPOE)?	<input type="radio"/>	<input type="radio"/>
to generate/transmit prescriptions? (excluding fax)	<input type="radio"/>	<input type="radio"/>
to record patient demographics?	<input type="radio"/>	<input type="radio"/>
to record patient smoking status?	<input type="radio"/>	<input type="radio"/>
to maintain patient problem lists on current & active diagnoses?	<input type="radio"/>	<input type="radio"/>
for drug-drug and drug-allergy interaction checks?	<input type="radio"/>	<input type="radio"/>
to maintain active medication lists?	<input type="radio"/>	<input type="radio"/>
to maintain medication allergy lists?	<input type="radio"/>	<input type="radio"/>
to record and chart changes in patient vital signs?	<input type="radio"/>	<input type="radio"/>
for at least one clinical decision support rule?	<input type="radio"/>	<input type="radio"/>
to report clinical quality measures to CMS/state?	<input type="radio"/>	<input type="radio"/>
to provide patients an electronic copy of their health information?	<input type="radio"/>	<input type="radio"/>
to provide patients with a clinical summary for each office visit?	<input type="radio"/>	<input type="radio"/>

24 Does your principal practice site...

	Yes	No
exchange key clinical information with other providers?	<input type="radio"/>	<input type="radio"/>
send clinical information through a Regional Health Information Organization (RHIO)?	<input type="radio"/>	<input type="radio"/>
receive clinical information through a RHIO?	<input type="radio"/>	<input type="radio"/>
protect confidential electronic health information?	<input type="radio"/>	<input type="radio"/>

New York State Education Department

Physician Survey

This questionnaire is a supplemental part of your registration application. Please complete and return it with the registration form and fee in the envelope provided. If you complete the survey online, you do not have to complete this form.

Your responses will be maintained in a strictly confidential manner by the Center for Health Workforce Studies (<http://chws.albany.edu>) at the School of Public Health, University at Albany, SUNY. The responses will be analyzed and presented only in aggregate form to document changes in the physician workforce in New York.

Item 2 asks for your NYS license number. This number can be found on the enclosed registration application. Thank you for taking the time to complete this survey.

INSTRUCTIONS

- Make dark marks that completely fill the circle.
- Erase cleanly any marks you wish to change.
- Make no stray marks on this form.

CORRECT: ● INCORRECT: ⓧ ⊗ ⊙ ⊚

1 DATE ON WHICH YOU ARE COMPLETING SURVEY

A <input type="radio"/> Jan	<input type="radio"/> May	<input type="radio"/> Sep	B <input type="radio"/> 2011
<input type="radio"/> Feb	<input type="radio"/> Jun	<input type="radio"/> Oct	<input type="radio"/> 2012
<input type="radio"/> Mar	<input type="radio"/> Jul	<input type="radio"/> Nov	<input type="radio"/> 2013
<input type="radio"/> Apr	<input type="radio"/> Aug	<input type="radio"/> Dec	<input type="radio"/> 2014

2 NYS LICENSE NO.

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

3 GENDER

- Male
- Female

4 YR OF BIRTH

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

5 RACE/ETHNICITY (Mark all that apply.)

- African American/Black
- American Indian/Alaska Native
- Asian/Pacific Islander
- White
- Other race
- Hispanic/Latino?
 - Yes
 - No

6 CURRENT WORK STATUS IN MEDICINE

- Full time (30 hrs or more per week)
- Part time (less than 30 hrs per week)
- Inactive in medicine
- Retired

NOTE: If you are inactive in medicine or retired, STOP HERE and return the questionnaire with the registration form and fee in the envelope provided.

7 CURRENT TRAINING STATUS

- Resident
- Fellow
- Neither

8 CURRENT ACTIVITIES IN MEDICINE

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

	None	1-9	10-19	20-29	30-39	40-49	50+
Patient Care	<input type="radio"/>	<input type="radio"/>	<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"/>	<input type="radio"/>	<input type="radio"/>
Teaching	<input type="radio"/>	<input type="radio"/>	<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"/>	<input type="radio"/>	<input type="radio"/>

9 LOCATION OF EDUCATION

Residence upon graduation from high school	Location of medical school from which you graduated	Location of most recent residency training	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	New York
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other state in the U.S.
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Canada
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other foreign country

10 MEDICAL SCHOOL

A. Allopathic Osteopathic

B. Year graduated medical school:

C. If you graduated medical school in New York, indicate school:

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

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

- None
- One
- Two
- Three or more

12 PATIENT CARE: PRACTICE LOCATIONS

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

Principal Location

Number _____ Street _____

City/Town _____ State _____

Zip Code					Patient Care Hours	
0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9

- This location is a/an:** (Mark all that apply.)
- Private office/medical arts building
 - Hospital
 - Freestanding health center/clinic/urgent care center
 - Nursing home/other residential facility
 - State/local health department
 - Other

Secondary Location

Number _____ Street _____

City/Town _____ State _____

Zip Code					Patient Care Hours	
0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9

- This location is a/an:** (Mark all that apply.)
- Private office/medical arts building
 - Hospital
 - Freestanding health center/clinic/urgent care center
 - Nursing home/other residential facility
 - State/local health department
 - Other

13 PATIENT CARE: PRACTICE TYPE

Which best describes your patient care practice at the locations identified in question 12? Mark one for principal and one for secondary practice location, where applicable.

Principal	Secondary
<input type="radio"/>	<input type="radio"/> Ambulatory care (incl. hospital outpt services)
<input type="radio"/>	<input type="radio"/> Inpatient care
<input type="radio"/>	<input type="radio"/> Emergency services (emergency room/dept.)
<input type="radio"/>	<input type="radio"/> Other

14 PATIENT CARE: PRACTICE SIZE

How many physicians work in your practice(s)? Mark one for principal and one for secondary practice location, where applicable.

Principal	Secondary
<input type="radio"/>	<input type="radio"/> 1 physician
<input type="radio"/>	<input type="radio"/> 2-5 physicians
<input type="radio"/>	<input type="radio"/> 6-10 physicians
<input type="radio"/>	<input type="radio"/> 11-20 physicians
<input type="radio"/>	<input type="radio"/> 21-50 physicians
<input type="radio"/>	<input type="radio"/> More than 50 physicians

15 What percent of your patients have the following primary sources of payment?

	Medicare	Medicaid	Self Pay	All Other
0%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1-4%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5-9%	<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"/>
80-99%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
100%	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

16 Which statement best describes your malpractice liability insurance coverage?

- I pay for my individual policy.
- My employer/practice pays for/ provides my insurance coverage.
- I do not carry malpractice liability insurance.
- Other

17 Mark the statement that best describes your patient care practice status.

- I cannot accept any additional patients; my practice is full.
- I can accept some additional patients; my practice is nearly full.
- I can accept many additional patients; my practice is far from full.

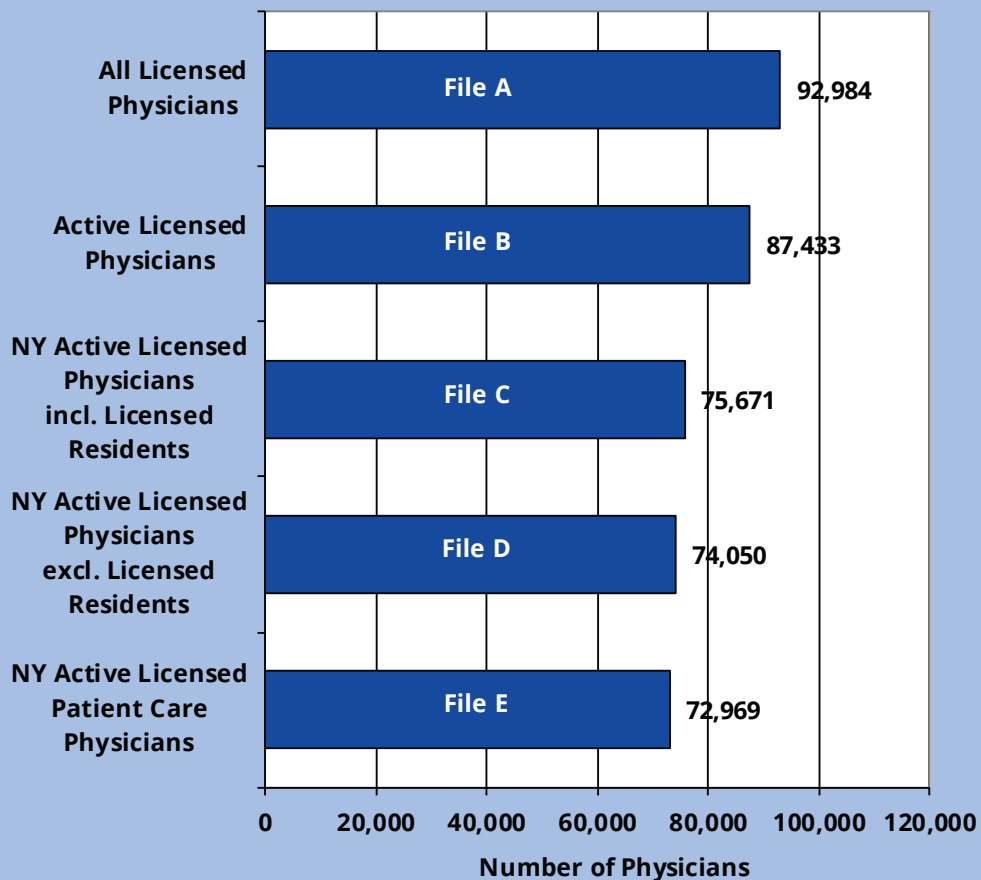
APPENDIX B: DATA AND METHODS

APPENDIX B: DATA AND METHODS

1. File Description

The tabulations in this report are based on information from the Center for Health Workforce Studies' (CHWS) New York State Licensure Re-registration Survey and the SK&A Office-based Physician Database. Unlike previous reports in this series, information from the SK&A Office-based Physician Database was used to supplement the data from the New York Physician Licensure Re-registration Survey due to the poor response rate in recent years (less than 5%). After combining the 2 datasets, there was information on 60,720 licensed physicians in New York. However, given the age of the CHWS data and the limited information contained in the SK&A database, several assumptions were made in estimating the number of active patient care physicians in New York. The first assumption was that all physicians in the SK&A database with a valid New York address were active patient care physicians. Next, if physicians were in the re-registration survey database and not in the SK&A database, the estimate of the number of active patient care physicians was determined by the same procedure used in previous reports in this series with 2 exceptions due to the age of the data. First, physicians over the age of 79 were assumed to be retired. Second, data in the re-registration survey database over 8 years old was excluded except for variables that should not change (eg, race, medical school location). Ultimately, 53,379 out of the 60,720 physicians licensed in New York were determined to be active patient care physicians using this approach. Historical information from the re-registration survey was then used to weight the sample to account for missing data (see Figure B-1).

Figure B-1. Estimates of Physician Counts in New York, 2014



2. Limitations

It is important to note several limitations of this profile caused by the reduced response rate to the re-registration survey and inadequacy of the data sources used to supplement the survey data.

- **Limited number of workforce variables:** As stated above, the physician re-registration survey database and the SK&A physician database do not share all of the same variables. One important variable is hours per week providing patient care. Without this information, full-time equivalents (a measure of work effort) cannot be calculated. The absence of this information severely limits the usefulness of the profile, as historically work effort has been found to vary by gender, age, setting, specialty, and geography. FTE information is not presented in this profile.
- **Limited trend analysis and comparisons over time:** The limited information also affects our ability to make comparisons with past information presented in the annual physician profile reports. In this report, the most visible example is our inability to show trends in FTEs and FTEs

per 100,000 around the state, regionally, and by county.

- **Less robust estimates due to aging observations:** In order to compile and manipulate the data presented in this report, a more complicated process was undertaken than was employed in the past. First, the reregistration survey data were examined and reviewed for age – that is, observations were evaluated for the likelihood that they might have changed since they were collected. Variables such as gender, year of birth, and location of high school and medical school attended, are much less likely to change than others and therefore older observations can be used. However, for variables such as current status (active/retired), practice address, or hours spent in various professional activities, a more stringent rule had to be applied: if the observations were more than 8 years old, they were excluded. Both the supplemental SK&A data and the remaining re-registration data were merged with NYSED licensure database using an algorithm that referenced both a physician’s license number and name.

As a result of the process necessary to prepare and merge these data, the estimates produced for this report are less robust than those produced in the past. Since there is no comprehensive reference physician database available, it is impossible to measure how the database compiled for this report diverges from reality. We have tried to be as transparent as possible in the description of the data and methods employed so that users of the information presented in this report can be aware of its limitations.

- **Data quality continuing to deteriorate over time:** We do know, however, that unless improvement in the response rate to the re-registration survey occurs or some alternative data collection solution is implemented, the quality of the physician data presented in this report will continue to decline. For this profile, we were unable to present data on patient care work effort (FTEs) for the physician workforce. As the observations in the physician re-reregistration data continue to age, there will be other potential exclusions. Eventually, this report will no longer be viable as the data necessary to support it will not be available.

3. Missing Data

Due to the age of the re-registration survey data and the lack of information in the SK&A database, several key variables had a large amount of missing data. The following table documents this issue:

Table B-1. Percentage of Missing Data Variables

Variable	% Missing Data
Age	12.3%
Gender	0.6%
Race/Ethnicity	17.2%
Medical School Location	13.7%
Residency Training Location	13.5%
Practice Setting	29.4%
Board Certification	27.5%
Completion of Accredited Residency	27.5%
Admitting Privileges	25.0%

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 P, Merschrod K. Socioeconomic Trends in New York State 1950-2000. Albany, NY: New York State Legislative Commission on Rural Resources; 2004.

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

Table B-2. Rural Counties in New York State

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

6. Principal Practice Setting Categories

In 2009, the practice setting question on the survey was replaced with new questions about practice location (Q10) and practice size (Q12). The setting category in this report was formed using the questions from the pre-2009 and 2009 surveys as shown below.

Solo	Solo Practice (pre-2009) Private Office/Medical Arts Building and Practice Size of 1 Physician (2009)
Group	Physician Partnership (pre-2009) Group Practice-Owner/Operator (pre-2009) Group Practice-Employee/Staff (pre-2009) Private Office/Medical Arts Building and Practice Size of >1 Physician (2009)
Hospital	Hospital-Inpatient (pre-2009) Hospital-Outpatient Department (pre-2009) Hospital-Satellite (pre-2009) Hospital-Emergency Room (pre-2009) Hospital (2009)
Other	Free-Standing Health Center or Clinic (D & TC) (pre-2009) Staff Model HMO (pre-2009) Nursing Home (pre-2009) Home Health (pre-2009) State or Local Health Department (pre-2009) Other Setting (pre-2009) Freestanding Health Center/Clinic/Urgent Care Center (2009) Nursing Home/Other Residential Facility (2009) State/Local Health Department (2009) Other (2009)

7. Important Notes

It 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.

Unemployment Rate in the selected population characteristics table was obtained from the U.S. Bureau of Labor Statistics. These data were retrieved on March 31, 2015 from <http://www.bls.gov/Lau/>.

The population, race and ethnicity, and age data in the selected population characteristics table were obtained from the U.S. Census Bureau, American Community Survey 2009-2013. These data were retrieved on March 31, 2015 from <http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

The information in the health status indicators table was obtained from the New York State Department of Health, New York State Community Health Indicator Reports. These data were retrieved on March 31, 2015 from <http://www.health.ny.gov/statistics/chac/indicators/>.

APPENDIX C: COUNTY SUMMARY

Table C-1. Physician Counts and Per Population Ratios in New York Regions and Counties, 2014

Region/County	Physicians per 100,000	
	Physicians	Population
Capital District	3,547	328
Albany	1,803	591
Columbia	150	240
Greene	48	98
Rensselaer	301	188
Saratoga	477	216
Schenectady	405	261
Warren	314	479
Washington	49	78
Central New York	2,485	314
Cayuga	127	159
Cortland	82	166
Madison	144	197
Onondaga	1,994	427
Oswego	138	113
Finger Lakes	3,863	317
Genesee	89	148
Livingston	86	132
Monroe	3,150	422
Ontario	316	292
Orleans	37	87
Seneca	25	70
Wayne	78	84
Wyoming	52	124
Yates	31	124
Hudson Valley	8,736	380
Dutchess	1,029	346
Orange	982	263
Putnam	252	252
Rockland	1,155	367
Sullivan	109	142
Ulster	372	204
Westchester	4,838	506
Long Island	12,259	432
Nassau	7,350	547
Suffolk	4,909	328
Mohawk Valley	1,219	245
Fulton	82	149
Herkimer	49	76
Montgomery	107	213
Otsego	327	527
Oneida	621	265
Schoharie	34	105
New York City	34,344	415
Bronx	4,113	294
Kings	6,902	272
New York	16,934	1,055
Queens	4,939	219
Richmond	1,456	310

continued ...

Table C-1. Physician Counts and Per Population Ratios in New York Regions and Counties, 2014 (cont.)

County	Physicians	Physicians per 100,000 Population
North Country	934	215
Clinton	271	331
Essex	49	126
Franklin	111	214
Hamilton	--	--
Jefferson	209	177
Lewis	62	227
St. Lawrence	226	201
Southern Tier	1,654	252
Broome	664	333
Chemung	310	349
Chenango	77	153
Delaware	42	89
Schuyler	30	163
Steuben	195	198
Tioga	33	65
Tompkins	302	295
Western New York	3,926	281
Allegany	37	76
Cattaraugus	135	170
Chautauqua	245	182
Erie	3,180	346
Niagara	329	153
Total	72,969	374

NOTES:

Figures exclude residents.

Columns may not sum to totals due to rounding.

"--" indicates physician count fewer than five.

Figure C-1. Map of Physicians Per Population in New York Counties, 2014

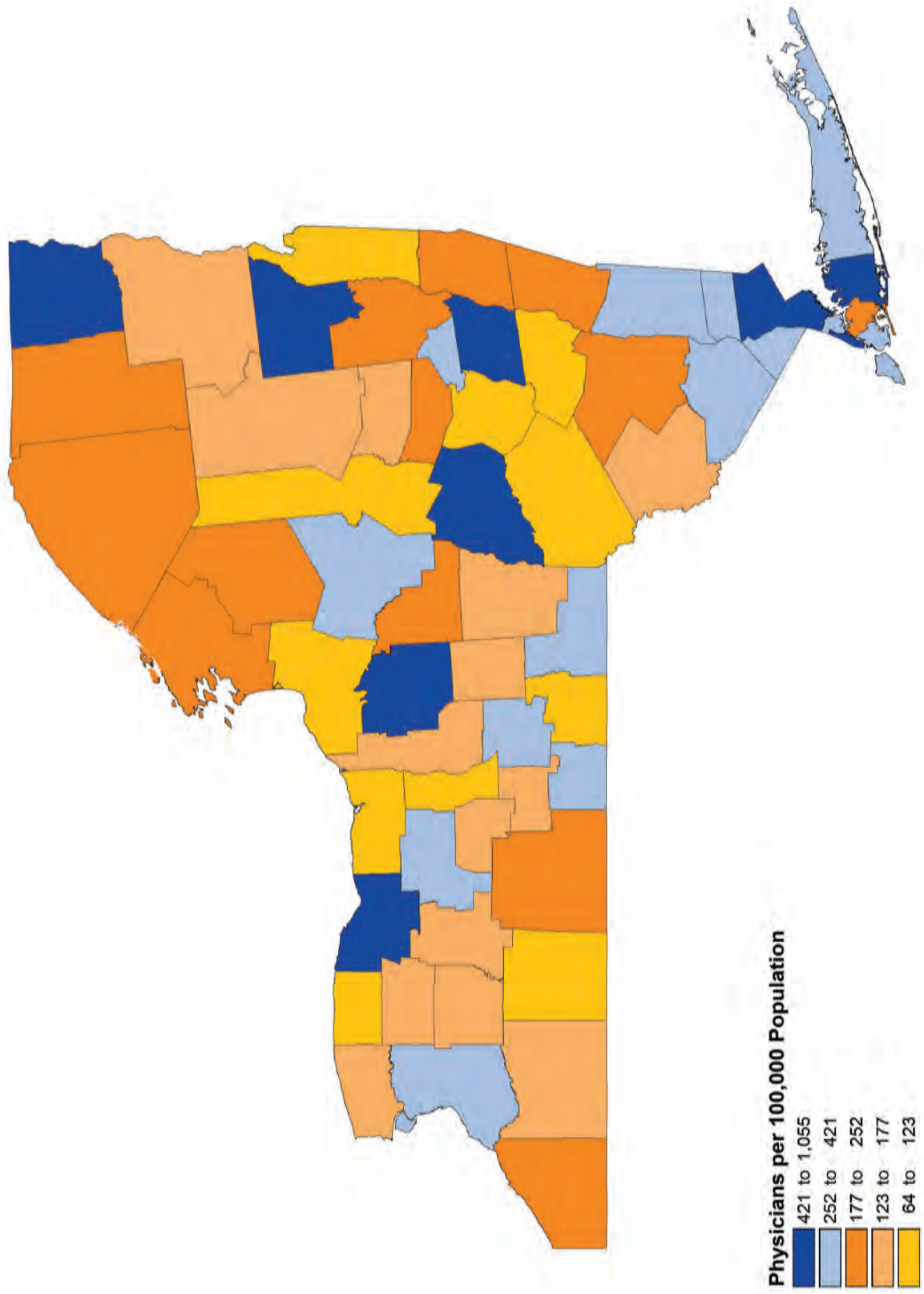
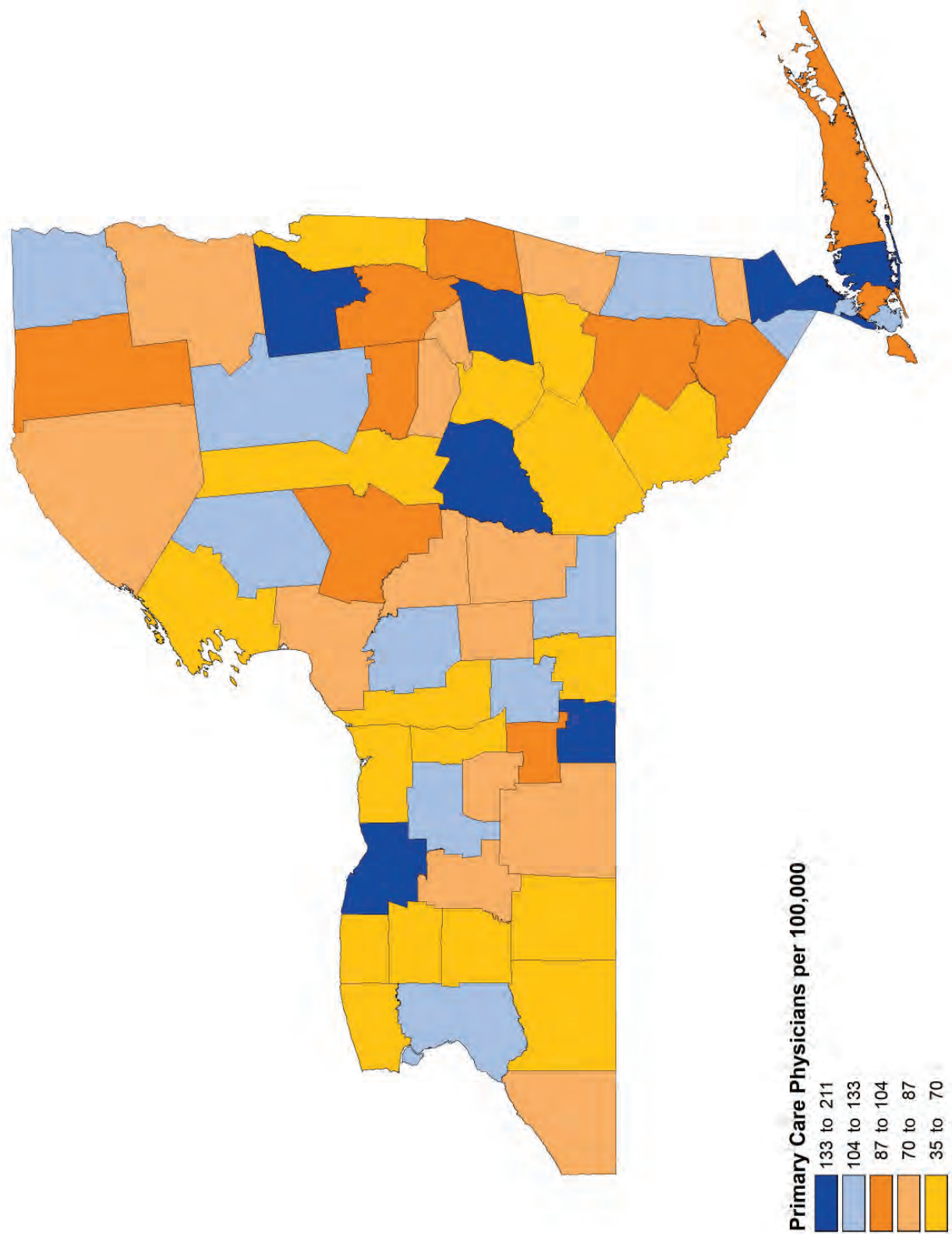


Figure C-2. Map of Primary Care Physicians Per Population in New York Counties, 2014



APPENDIX D: SPECIALTY SUMMARY

Table D-1. Physician Counts and Per Population Ratios by Specialty in New York, 2014
Physicians per 100,000

Specialty	Physicians	Population
Primary Care	22,141	114
Family Medicine (includes General Practice)	5,527	28
General Internal Medicine	11,188	57
General Pediatrics	5,427	28
Obstetrics/Gynecology	3,865	20
Obstetrics and Gynecology	3,022	16
Gynecology	842	4
IM Specialties	10,654	55
Cardiovascular Disease	2,902	15
Critical Care	294	2
Endocrinology and Metabolism	804	4
Gastroenterology	1,612	8
Geriatrics	362	2
Infectious Disease	749	4
Medical Oncology	1,386	7
Nephrology	895	5
Pulmonary Disease	924	5
Rheumatology	503	3
Other IM Specialties	223	1
General Surgery	1,794	9
Surgical Specialties	8,839	45
Ophthalmology	2,216	11
Otolaryngology	992	5
Surgery, Neurological	440	2
Surgery, Orthopedic	2,104	11
Surgery, Plastic	819	4
Surgery, Thoracic	358	2
Urology	1,010	5
Other Surgical Specialties	899	5
Facility Based	8,499	44
Anesthesiology	3,633	19
Pathology (General and Subspecialties)	1,351	7
Radiology (Diagnostic and Therapeutic)	3,515	18
Psychiatry	6,275	32
Adult Psychiatry	5,397	28
Child and Adolescent Psychiatry	878	5
Other	10,903	56
Allergy and Immunology	522	3
Dermatology	1,310	7
Emergency Medicine	2,374	12
Neurology	1,811	9
Occupational Medicine	176	1
Pediatric Subspecialties	1,860	10
Physical Medicine and Rehabilitation	1,264	6
Preventive Medicine	113	1
Other	1,471	8
Total	72,969	374

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



The New York Health Workforce Data System
School of Public Health | University at Albany, SUNY
1 University Place, Suite 220 | Rensselaer, NY 12144-3445

<https://chws.albany.edu>