

Richmond County Profile 2017

A collection of recent demographic, social and economic data

Compiled by

Jan Vink

Cornell Program on Applied Demographics



Cornell University



Program
on Applied
Demographics

CORNELL POPULATION CENTER

This profile is a part of a set of profiles generated for each county in New York State. The profiles were developed and generated by the Cornell Program on Applied Demographics. The work is sponsored by the New York State Data Center in the New York State Department of Labor.

Cornell Program on Applied Demographics:

The Program on Applied Demographics (PAD) brings skills in demographics, economics, statistics, data gathering and data analysis together to provide a variety of organizations with data, information and advice. PAD is located in the Department of Policy Analysis and Management within the College of Human Ecology at Cornell University. PAD is also affiliated with the Cornell Institute for Social and Economic Research and the Cornell Population Center.

For more information: <http://pad.human.cornell.edu/>

New York State Data Center:

The New York State Data Center (NYSDC) is located in the Division of Research and Statistics within the New York State Department of Labor. The State Data Center operates as part of a nationwide effort to improve public access to data provided by the U.S. Census Bureau. The U.S. Census Bureau collects and tabulates data on a multitude of subjects such as population, social, economic and housing demographics, labor force data, health care, migration and transportation. These data play a critical role in understanding our local and larger surrounding communities. Census data also influence state and federal funding, aid decision making in the legislative process, and determine each state's number of congressional seats. As the lead agency in New York for the SDC program, the New York State Data Center helps users navigate through the multitude of surveys and products provided by the U.S. Census Bureau.

For more information: <https://labor.ny.gov/nys-data-center/>

All profiles are freely downloadable as PDF documents on the PAD website:

<http://pad.human.cornell.edu/profiles/index.cfm>

This profile is an update from the County Profile produced in 2013. The 2013 profile also contained information on agriculture related items and can be found at <https://pad.human.cornell.edu/profiles/2013/Richmond.pdf>

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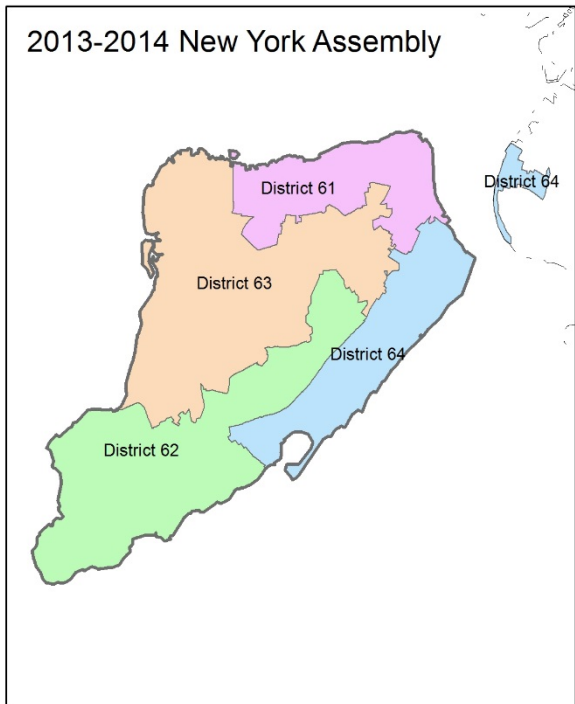
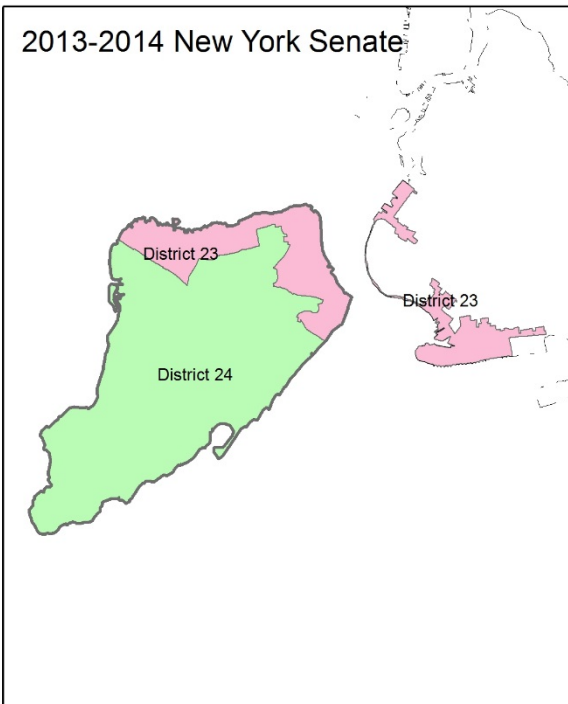
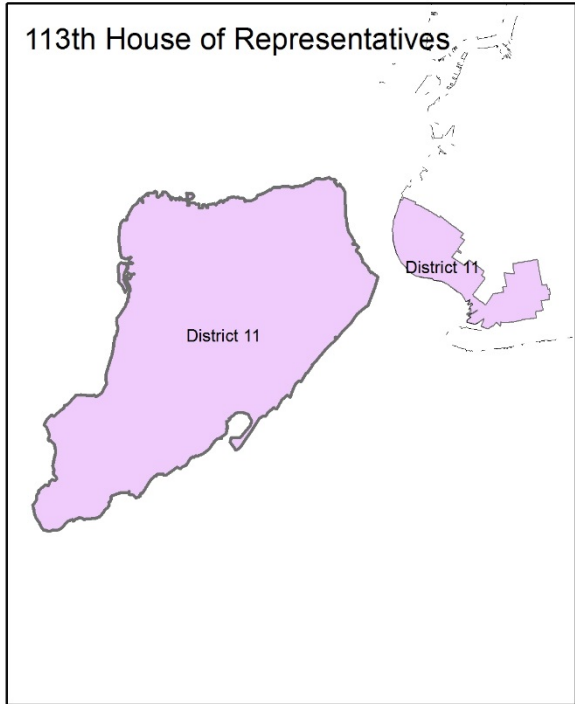
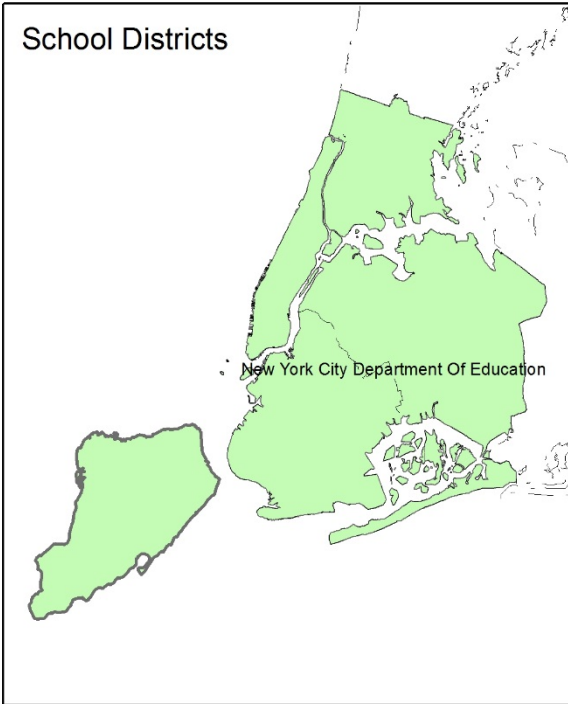
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1 Reference Maps (towns and places as defined in 2010)

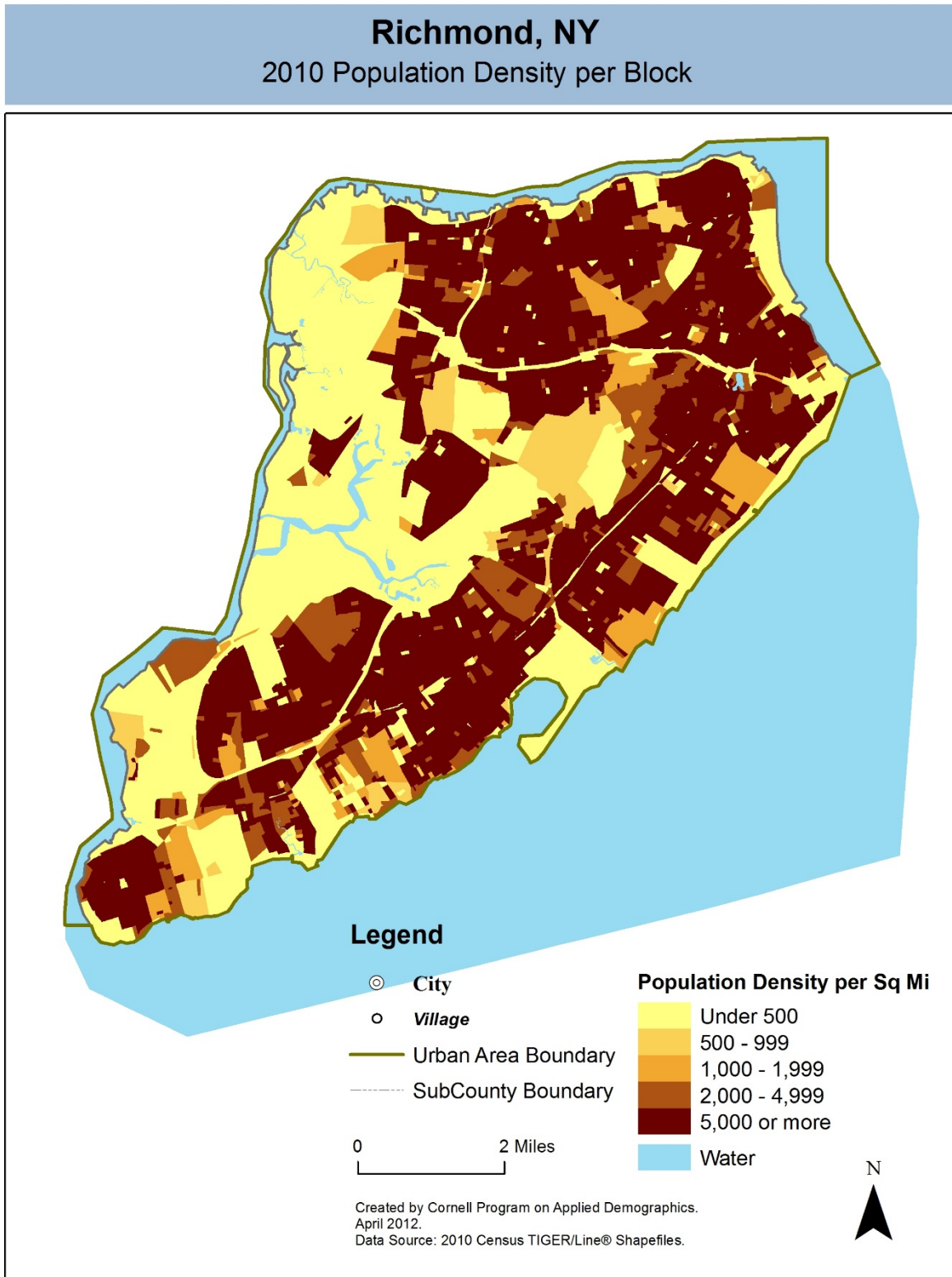


Richmond County, NY

Overlap with School and Political Districts



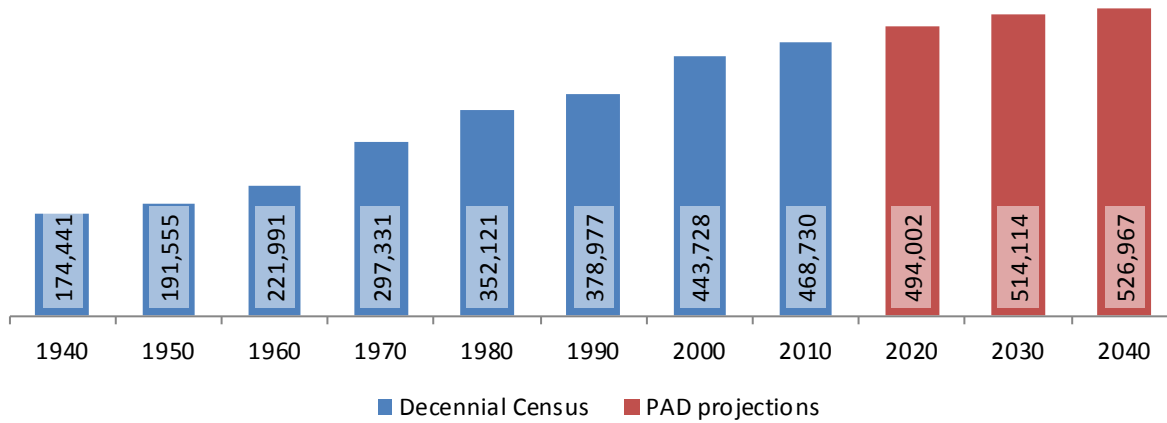
2 Population density and Urban Areas Map



3 Total Population

3.1 Historic and projected

Total population, Richmond County, 1940-2040



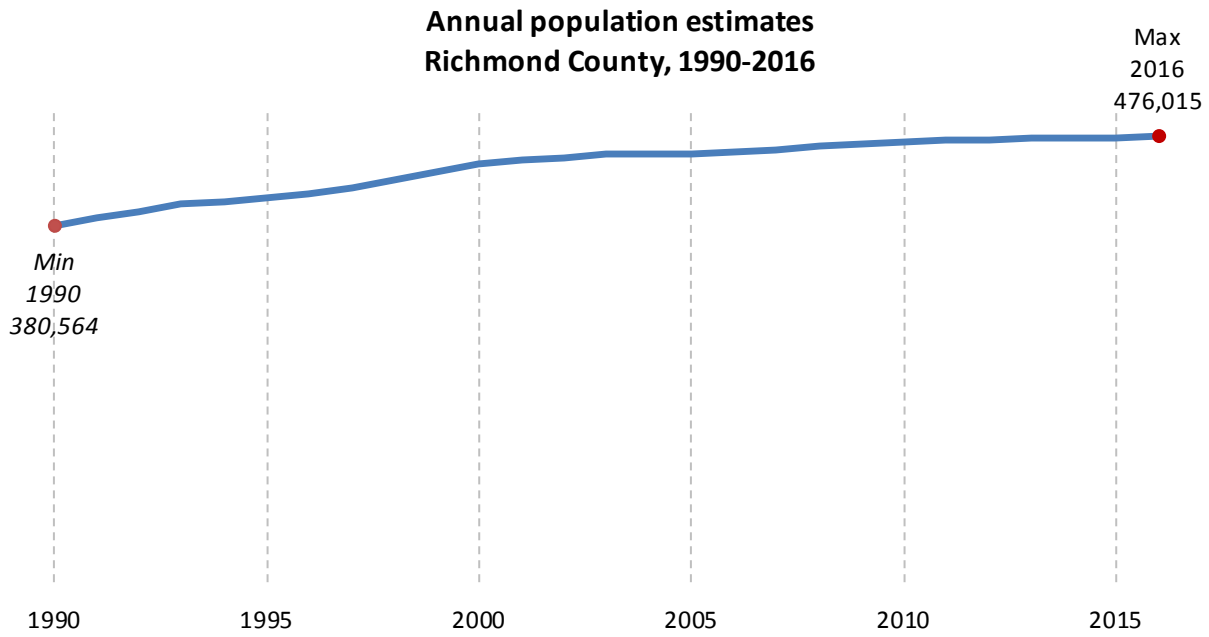
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

3.2 Change since previous Census

	Total population	Change	
		Number	Percent
Decennial Census	1940	174,441	
	1950	191,555	17,114 9.8%
	1960	221,991	30,436 15.9%
	1970	297,331	75,340 33.9%
	1980	352,121	54,790 18.4%
	1990	378,977	26,856 7.6%
	2000	443,728	64,751 17.1%
	2010	468,730	25,002 5.6%
PAD projections	2020	494,002	25,272 5.4%
	2030	514,114	20,112 4.1%
	2040	526,967	12,853 2.5%

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

3.3 Annual population estimates



Source: U.S. Census Bureau population estimates (1990-1999 and 2000-2009 intercensal and vintage 2016 postcensal)

3.4 New York City population change 2010-2016

	Total Population		Difference	
	2000	2010	Count	%
New York State	18,976,457 *	19,378,102	401,645	2.1%
New York City	8,008,278 *	8,175,133	166,855	2.1%
Counties (Boroughs)				
Bronx	1,332,650	1,385,108	52,458	3.9%
Kings (Brooklyn)	2,465,525 *	2,504,700	39,175	1.6%
New York (Manhattan)	1,537,372 *	1,585,873	48,501	3.2%
Queens	2,229,379	2,230,722	1,343	0.1%
Richmond (Staten Island)	443,728	468,730	25,002	5.6%

* Original counts revised through Count Question Resolution Program (CQR)

Source: U.S. Census Bureau intercensal population estimates 2000-2010

3.5 New York City population change 2010-2016

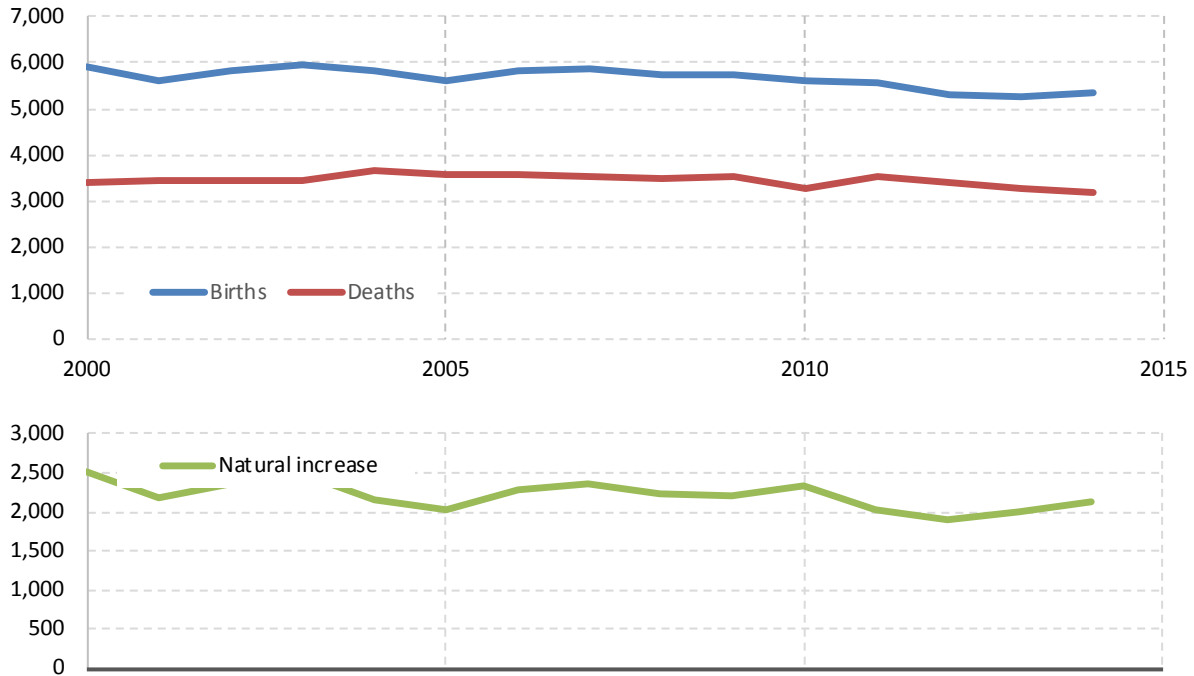
	Total Population		Difference	
	2010 base	2016	Count	%
New York State	19,378,087	19,795,791	417,704	2.2%
New York City	8,174,962	8,537,673	362,711	4.4%
Counties (Boroughs)				
Bronx	1,385,107	1,455,720	70,613	5.1%
Kings (Brooklyn)	2,504,706	2,629,150	124,444	5.0%
New York (Manhattan)	1,585,874	1,643,734	57,860	3.6%
Queens	2,230,545	2,333,054	102,509	4.6%
Richmond (Staten Island)	468,730	476,015	7,285	1.6%

Source: U.S. Census Bureau population estimates 2010-2015

4 Components of population change

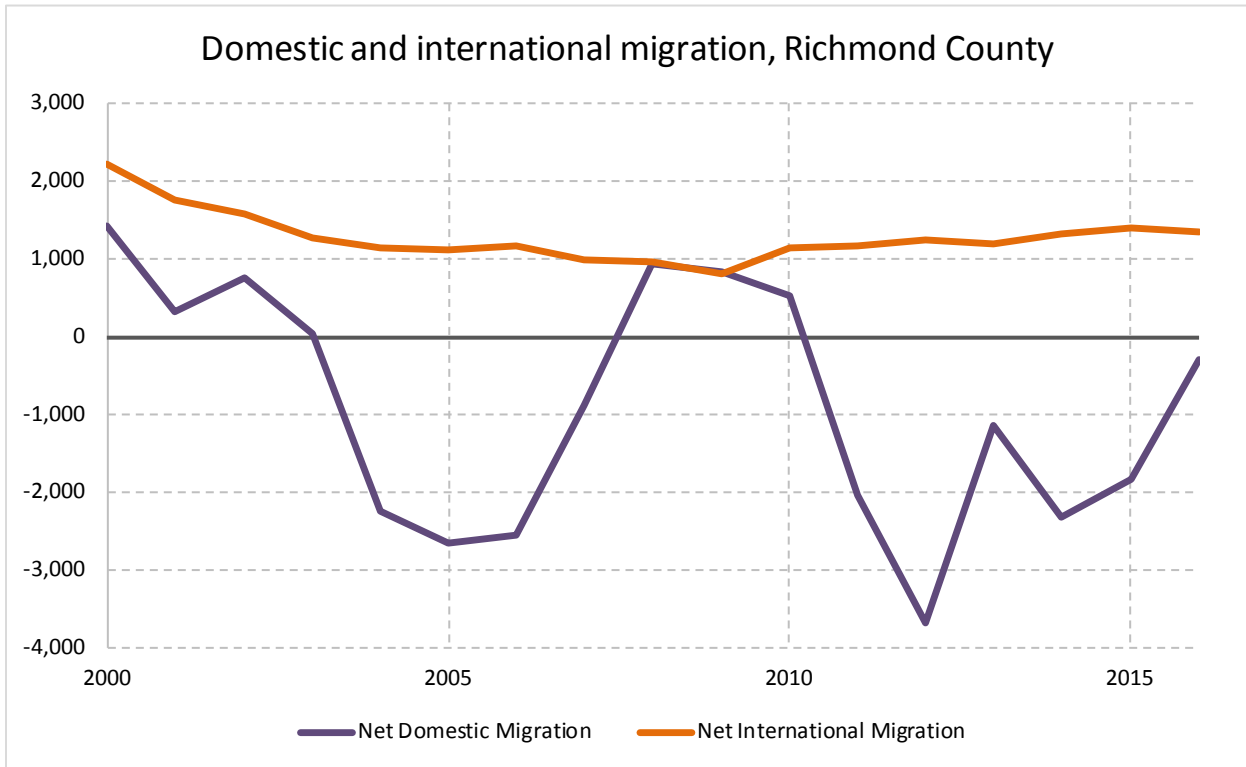
4.1 Vital Statistics

Vital Statistics, Richmond County



Source: New York State Department of Health

4.2 Migration

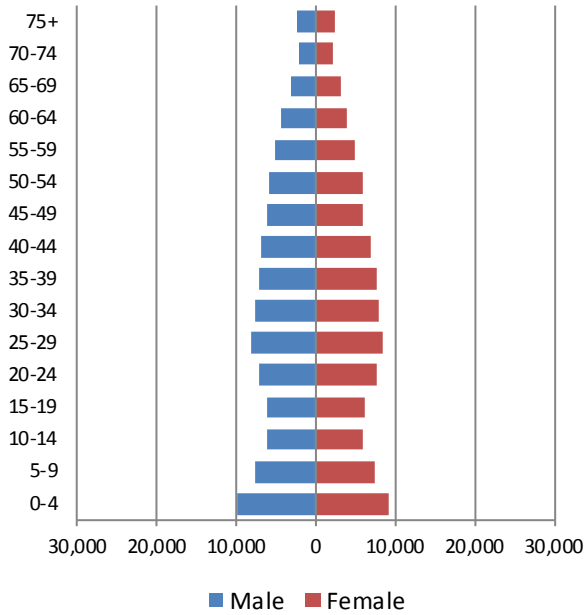


Source: Census Bureau population estimates (V2010 and V2016)

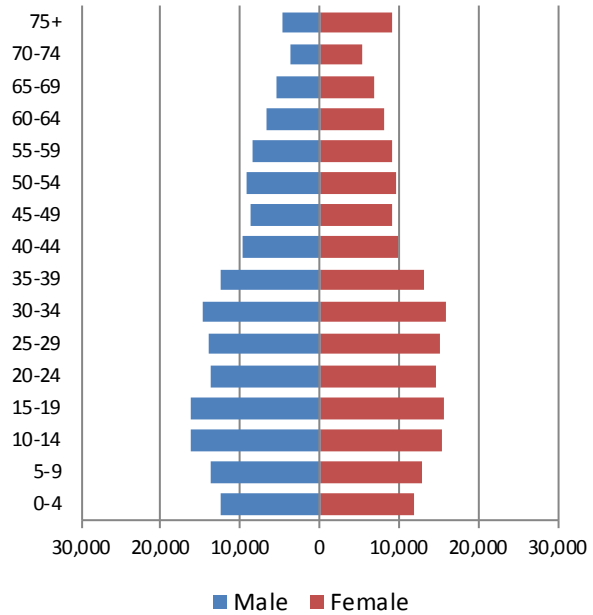
5 Population by age

5.1 Historic and projected population pyramids

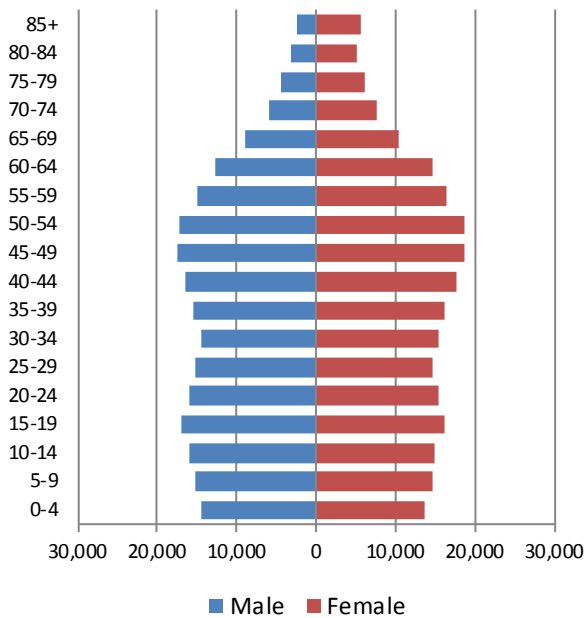
1950 Population Pyramid,
Richmond County



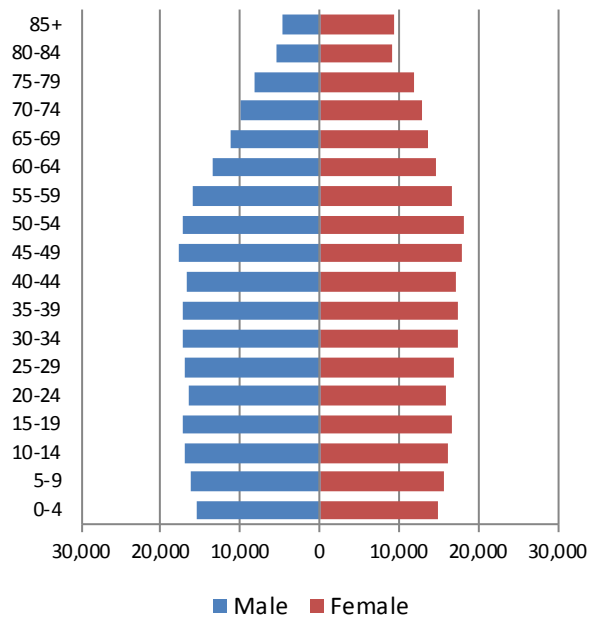
1980 Population Pyramid,
Richmond County



2010 Population Pyramid,
Richmond County



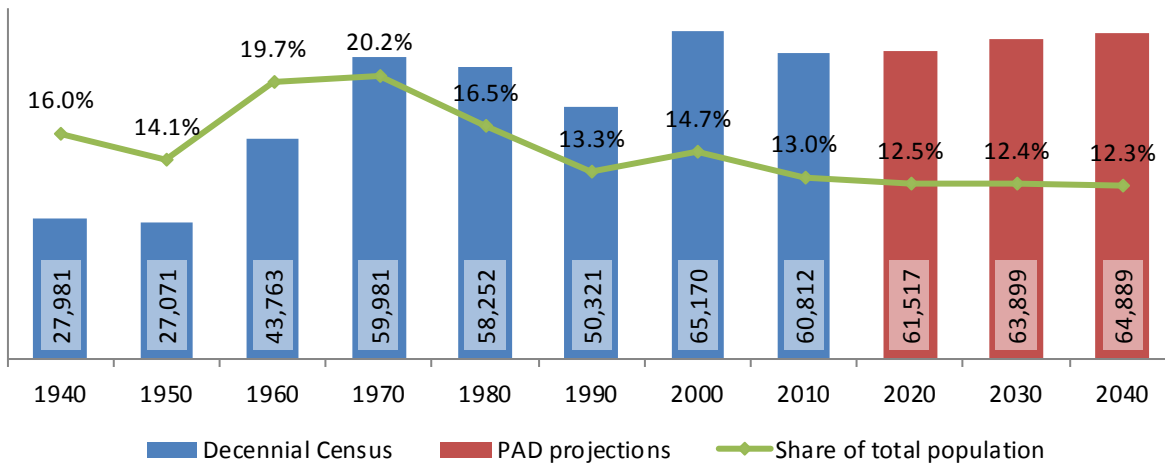
2040 Population Pyramid,
Richmond County



Source: 1950, 1980, 2010 Decennial Census and projections by Cornell Program on Applied Demographics

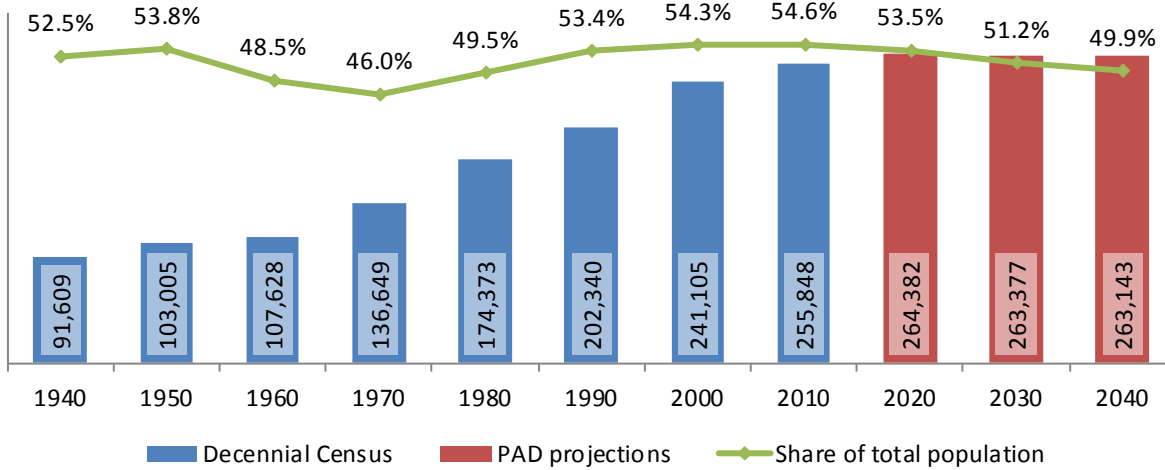
5.2 Selected age groups

Population age 5-14, Richmond County, 1940-2040



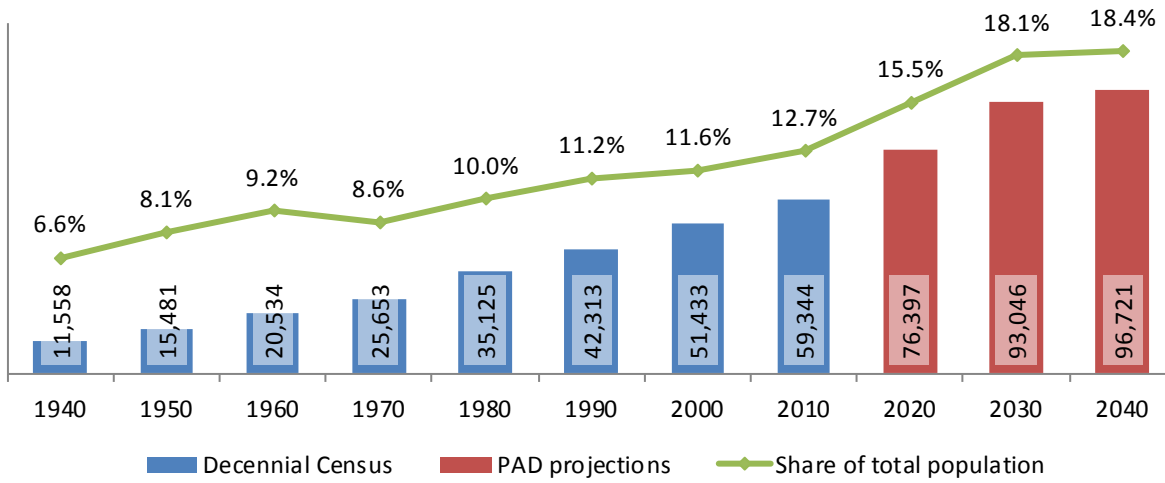
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

Population age 25-64, Richmond County, 1940-2040



Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

Population age 65 and over, Richmond County, 1940-2040



Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

5.3 Median age

	Richmond County	New York State
Median age		
2000	35.9	35.9
2010	38.4	38.0
2015	39.6	38.3

Source: 2000, 2010 Decennial Census, 2015 Population Estimates

6 Race

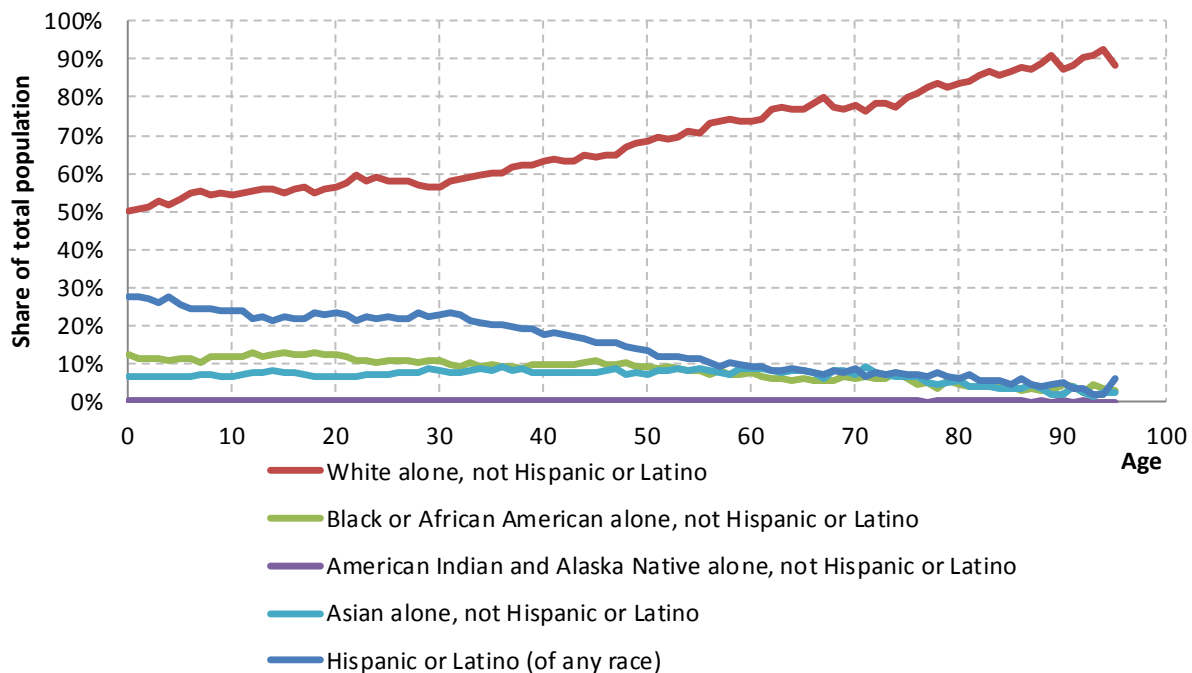
6.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
Total population	468,730	100%	460,892	100%	7,838
Not Hispanic or Latino					
One race					
White	300,169	64.0%	295,186	64.0%	4,983
Black or African American	44,313	9.5%	42,811	9.3%	1,502
American Indian and Alaska Native	695	0.1%	680	0.1%	15
Asian	34,697	7.4%	34,520	7.5%	177
Native Hawaiian and Other Pacific Islander	137	0.0%	134	0.0%	3
Some other race	1,028	0.2%	1,003	0.2%	25
Two or more races	6,640	1.4%	6,563	1.4%	77
Hispanic or Latino (of any race)	81,051	17.3%	79,995	17.4%	1,056

Source: 2010 Decennial Census

6.2 Race composition by age

Race composition by age, Richmond County



Source: 2010 Decennial Census

7 Housing units

7.1 Characteristics

HOUSING OCCUPANCY	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
Total housing units	178,136	± 312	100.0%	
Occupied housing units	165,784	± 849	93.1%	± 0.4
Vacant housing units	12,352	± 731	6.9%	± 0.4
YEAR STRUCTURE BUILT				
Total housing units	178,136	± 312	100.0%	
Built 2014 or later	43	± 62	0.0%	± 0.1
Built 2010 to 2013	1,243	± 254	0.7%	± 0.1
Built 2000 to 2009	17,512	± 894	9.8%	± 0.5
Built 1990 to 1999	19,351	± 730	10.9%	± 0.4
Built 1980 to 1989	26,384	± 943	14.8%	± 0.5
Built 1970 to 1979	29,941	± 1,019	16.8%	± 0.6
Built 1960 to 1969	24,415	± 962	13.7%	± 0.5
Built 1950 to 1959	17,065	± 989	9.6%	± 0.6
Built 1940 to 1949	7,387	± 548	4.1%	± 0.3
Built 1939 or earlier	34,795	± 1,243	19.5%	± 0.7
HOUSING TENURE				
Occupied housing units	165,784	± 849	100.0%	
Owner-occupied	114,000	± 1,403	68.8%	± 0.8
Renter-occupied	51,784	± 1,309	31.2%	± 0.8
HOUSE HEATING FUEL				
Occupied housing units	165,784	± 849	100.0%	
Utility gas	144,891	± 1,026	87.4%	± 0.5
Bottled, tank, or LP gas	2,046	± 286	1.2%	± 0.2
Electricity	6,258	± 471	3.8%	± 0.3
Fuel oil, kerosene, etc.	11,174	± 632	6.7%	± 0.4
Coal or coke	109	± 119	0.1%	± 0.1
Wood	131	± 82	0.1%	± 0.1
Solar energy	11	± 12	0.0%	± 0.1
Other fuel	404	± 98	0.2%	± 0.1
No fuel used	760	± 167	0.5%	± 0.1
VALUE				
Owner-occupied units	114,000	± 1,403	100.0%	
Less than \$50,000	2,427	± 312	2.1%	± 0.3
\$50,000 to \$99,999	949	± 201	0.8%	± 0.2
\$100,000 to \$149,999	1,697	± 282	1.5%	± 0.2
\$150,000 to \$199,999	1,509	± 289	1.3%	± 0.3
\$200,000 to \$299,999	11,739	± 599	10.3%	± 0.5
\$300,000 to \$499,999	55,968	± 1,281	49.1%	± 1.0
\$500,000 to \$999,999	36,965	± 1,059	32.4%	± 0.9
\$1,000,000 or more	2,746	± 278	2.4%	± 0.2
Median (dollars)	439,500	± 3,152		

Source: 2011-2015 American Community Survey

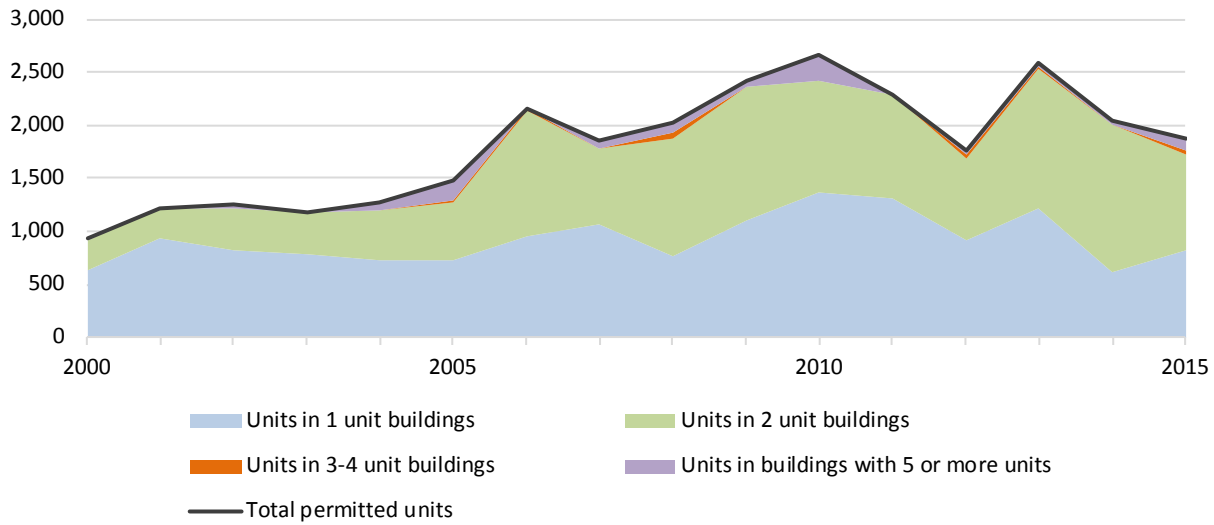
7.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	89,961		86,192	95.8%	3,769
1980	119,000	32.3%	114,574	96.3%	4,426
1990	139,726	17.4%	130,519	93.4%	9,207
2000	163,993	17.4%	156,341	95.3%	7,652
2010	176,656	7.7%	165,516	93.7%	11,140

Source: 1970-2010 Decennial Census

7.3 Building Permits 2000-2015

Building permits by number of permitted units in building, Richmond County



Source: Census Bureau Building Permits Survey

8 Education

8.1 Enrollment by level of school

	Estimate	Margin of error
Total enrolled in school	121,438	± 1,340
Nursery school, preschool	6,931	± 592
Kindergarten to 12th grade	78,402	± 645
Kindergarten	5,877	± 424
Elementary: grade 1 to grade 4	22,916	± 948
Elementary: grade 5 to grade 8	24,024	± 846
High school: grade 9 to grade 12	25,585	± 728
College, undergraduate	29,110	± 1,044
Graduate, professional school	6,995	± 601

Source: 2011-2015 American Community Survey

8.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	56.3%	± 4.0
5 to 9 years	96.2%	± 1.0
10 to 14 years	96.9%	± 0.9
15 to 17 years	96.5%	± 1.1
18 and 19 years	82.0%	± 2.8
20 to 24 years	53.5%	± 2.4
25 to 34 years	12.1%	± 1.0
35 years and over	2.0%	± 0.2

Source: 2011-2015 American Community Survey

8.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	43,831	± 60
Enrolled in college or graduate school	54.3%	± 2.0
Males 18 to 24 years	22,145	± 70
Enrolled in college or graduate school	51.0%	± 2.4
Females 18 to 24 years	21,686	± 49
Enrolled in college or graduate school	57.7%	± 2.7

Source: 2011-2015 American Community Survey

8.4 Educational attainment

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
Population 25 years and over	322,287	± 68	100%	
EDUCATIONAL ATTAINMENT				
Less than 9th grade	15,027	± 931	4.7%	± 0.3
9th to 12th grade, no diploma	21,394	± 1,097	6.6%	± 0.3
High school graduate (includes equivalency)	103,017	± 1,932	32.0%	± 0.6
Some college, no degree	58,241	± 1,737	18.1%	± 0.5
Associate's degree	25,382	± 1,049	7.9%	± 0.3
Bachelor's degree	59,189	± 1,517	18.4%	± 0.5
Graduate or professional degree	40,037	± 1,437	12.4%	± 0.4
Percent high school graduate or higher			88.7%	± 0.4
Percent bachelor's degree or higher			30.8%	± 0.6

Source: 2011-2015 American Community Survey

9 Language spoken at home

	COUNT		PERCENTAGE		SPEAK ENGLISH LESS THAN "VERY WELL"	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
Population 5 years and over	444,634	± 53	100%			
LANGUAGE SPOKEN AT HOME						
English only	309,316	± 3,561	69.6%	± 0.8		
Language other than English	135,318	± 3,565	30.4%	± 0.8	48,545	± 2,036
Spanish	46,429	± 1,709	10.4%	± 0.4	16,143	± 1,062
Other Indo-European languages	55,222	± 2,432	12.4%	± 0.5	18,471	± 1,045
Asian and Pacific Islander languages	22,920	± 1,191	5.2%	± 0.3	11,172	± 874
Other languages	10,747	± 1,340	2.4%	± 0.3	2,759	± 467

Source: 2011-2015 American Community Survey

10 Labor Force Characteristics

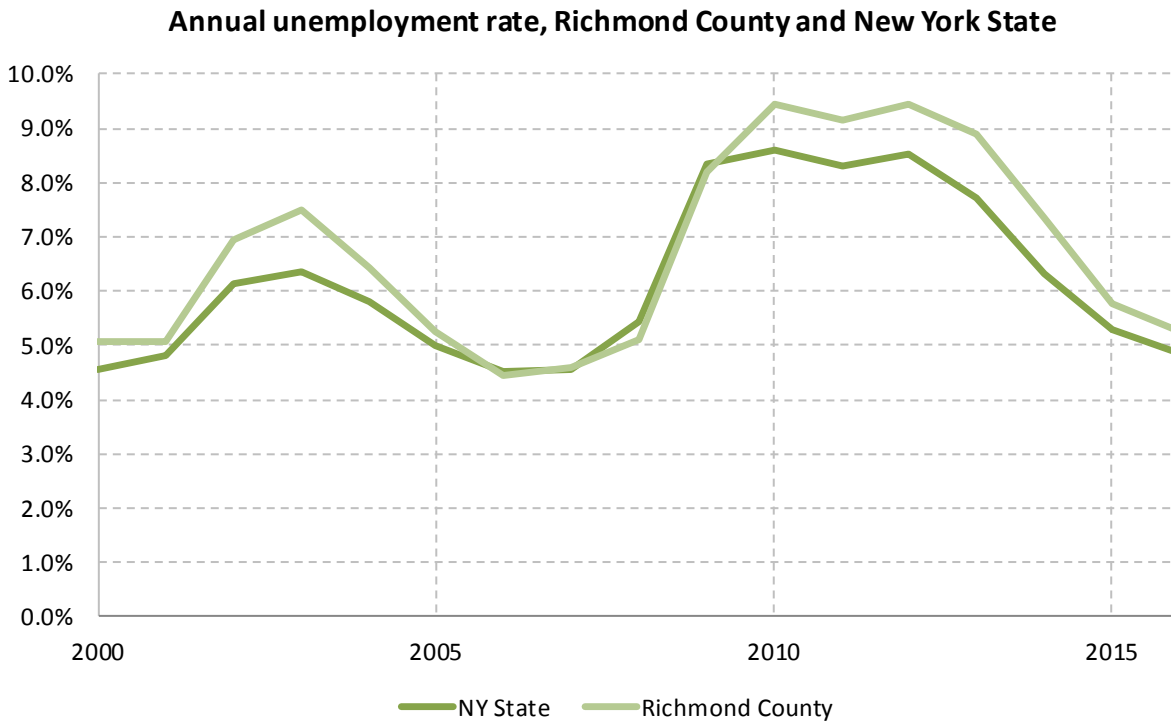
10.1 Labor force, employment and unemployment

	TOTAL		IN LABOR FORCE		EMPLOYED		UNEMPLOYMENT RATE	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
Population 16 years and over	378,913	± 438	59.3%	± 0.6	55.2%	± 0.5	6.9%	± 0.4
AGE								
16 to 19 years	24,148	± 435	22.4%	± 1.9	16.6%	± 1.6	25.2%	± 3.6
20 to 24 years	32,478	± 60	56.7%	± 2.3	47.7%	± 2.1	15.7%	± 1.8
25 to 29 years	31,103	± 38	77.5%	± 1.9	71.9%	± 1.9	7.1%	± 1.0
30 to 34 years	29,711	± 61	79.9%	± 1.8	74.4%	± 2.0	6.8%	± 1.3
35 to 44 years	62,710	± 90	79.9%	± 1.2	75.5%	± 1.3	5.4%	± 0.7
45 to 54 years	70,201	± 82	77.3%	± 1.2	73.5%	± 1.3	4.8%	± 0.7
55 to 59 years	33,137	± 808	70.3%	± 1.7	66.7%	± 1.7	5.0%	± 1.0
60 to 64 years	29,036	± 794	52.7%	± 2.0	50.0%	± 2.0	5.1%	± 1.2
65 to 74 years	38,287	± 24	23.3%	± 1.4	22.0%	± 1.4	5.3%	± 1.2
75 years and over	28,102	± 56	4.6%	± 0.8	4.2%	± 0.7	8.8%	± 4.2
RACE AND HISPANIC OR LATINO ORIGIN								
White alone	290,544	± 1,464	59.0%	± 0.6	55.0%	± 0.6	6.7%	± 0.4
Black or African American alone	37,476	± 702	57.8%	± 1.8	52.5%	± 1.7	9.0%	± 1.6
American Indian and Alaska Native alone	880	± 281	54.4%	± 10.5	52.5%	± 9.6	1.9%	± 3.5
Asian alone	31,036	± 409	61.3%	± 1.6	58.1%	± 1.6	5.2%	± 1.1
Two or more races	6,177	± 793	59.3%	± 4.9	53.9%	± 5.2	8.9%	± 3.4
Hispanic or Latino origin (of any race)	60,633	± 188	63.4%	± 1.4	58.7%	± 1.5	7.2%	± 1.0
White alone, not Hispanic or Latino	247,575	± 563	58.2%	± 0.7	54.3%	± 0.7	6.7%	± 0.5
SEX								
Population 20 to 64 years	288,376	± 70	72.5%	± 0.7	67.8%	± 0.7	6.4%	± 0.4
Male	140,233	± 84	78.8%	± 0.7	73.3%	± 0.7	6.8%	± 0.5
Female	148,143	± 76	66.6%	± 1.0	62.6%	± 1.0	6.1%	± 0.6
With own children under 18 years	55,315	± 993	66.9%	± 1.4	63.2%	± 1.5	5.5%	± 0.8
EDUCATIONAL ATTAINMENT								
Population 25 to 64 years	255,898	± 88	74.5%	± 0.6	70.3%	± 0.7	5.5%	± 0.4
Less than high school graduate	22,963	± 1,160	51.4%	± 2.4	47.4%	± 2.5	7.8%	± 1.6
High school graduate (includes equivalency)	75,260	± 1,778	67.2%	± 1.2	62.0%	± 1.3	7.7%	± 1.0
Some college or associate's degree	71,763	± 1,673	77.1%	± 1.3	72.7%	± 1.3	5.5%	± 0.7
Bachelor's degree or higher	85,912	± 1,804	85.0%	± 0.8	81.8%	± 0.9	3.7%	± 0.4

Table formula: **LABOR FORCE** = # EMPLOYED + # UNEMPLOYED
 % IN LABOR FORCE = LABOR FORCE / TOTAL * 100%
 % EMPLOYED = # EMPLOYED / TOTAL * 100%
 UNEMPLOYMENT RATE = # UNEMPLOYED / LABOR FORCE * 100%

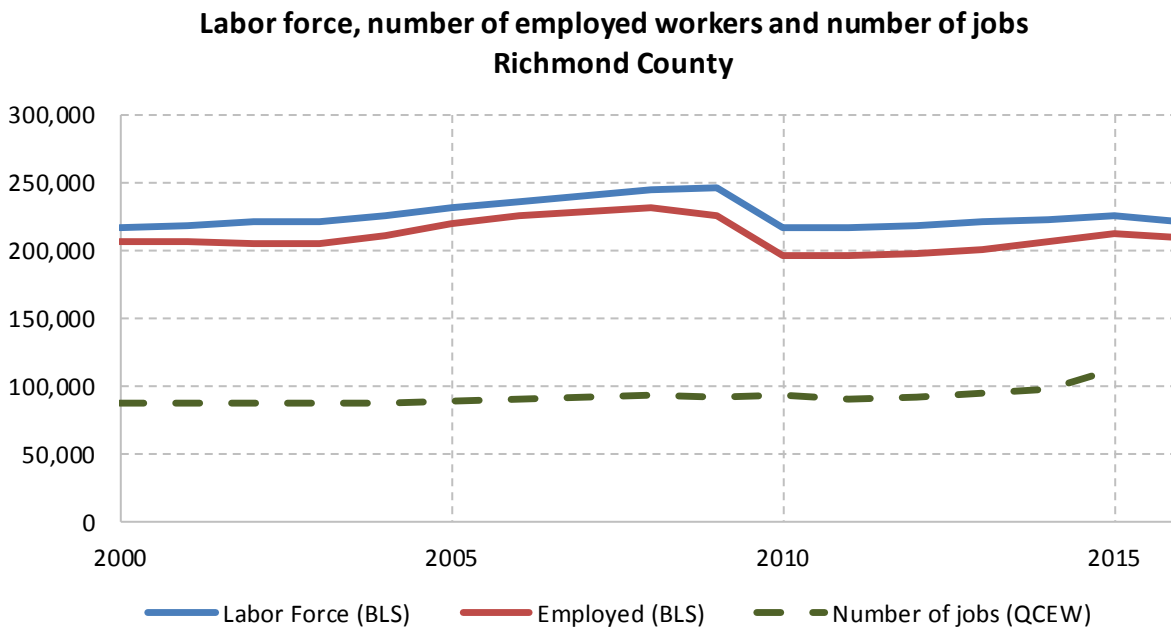
Source: 2011-2015 American Community Survey

10.2 Annual unemployment rate



Source: Bureau Labor Statistics (BLS)

10.3 Employment and number of jobs



Source: Bureau Labor Statistics (BLS) and NY Department of Labor - Quarterly Census of Employment and Wages (QCEW) – annual averages

10.4 Class of worker

		Total	%Male	%Female
Civilian employed population 16 years and over	Estimate	209,113	52.6%	47.4%
	<i>Margin of error</i>	$\pm 2,054$	± 0.4	± 0.4
Private for-profit wage and salary workers:	Estimate	137,162	54.0%	46.0%
	<i>Margin of error</i>	$\pm 2,239$	± 0.6	± 0.6
Employee of private company workers	Estimate	129,335	52.7%	47.3%
	<i>Margin of error</i>	$\pm 2,106$	± 0.7	± 0.7
Self-employed in own incorporated business workers	Estimate	7,827	75.8%	24.2%
	<i>Margin of error</i>	± 710	± 3.7	± 3.7
Private not-for-profit wage and salary workers	Estimate	17,859	36.8%	63.2%
	<i>Margin of error</i>	± 873	± 2.6	± 2.6
Local government workers	Estimate	34,172	51.3%	48.7%
	<i>Margin of error</i>	$\pm 1,142$	± 1.8	± 1.8
State government workers	Estimate	6,897	48.2%	51.8%
	<i>Margin of error</i>	± 510	± 3.9	± 3.9
Federal government workers	Estimate	3,679	71.8%	28.2%
	<i>Margin of error</i>	± 388	± 5.3	± 5.3
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	9,344	62.9%	37.1%
	<i>Margin of error</i>	± 792	± 3.8	± 3.8

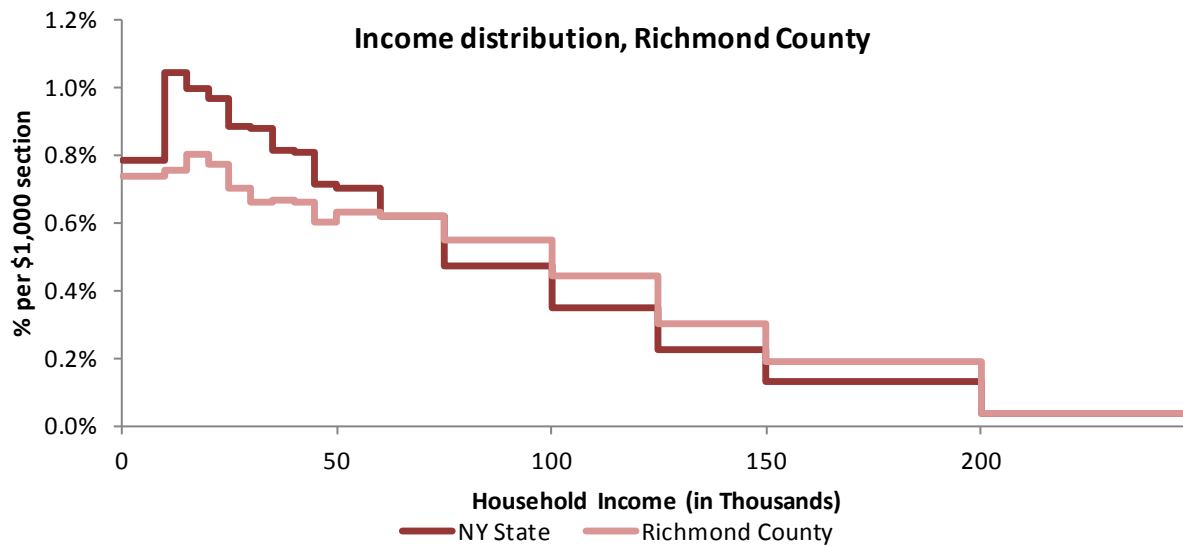
Source: 2011-2015 American Community Survey

11 Household Income

11.1 Income Distribution

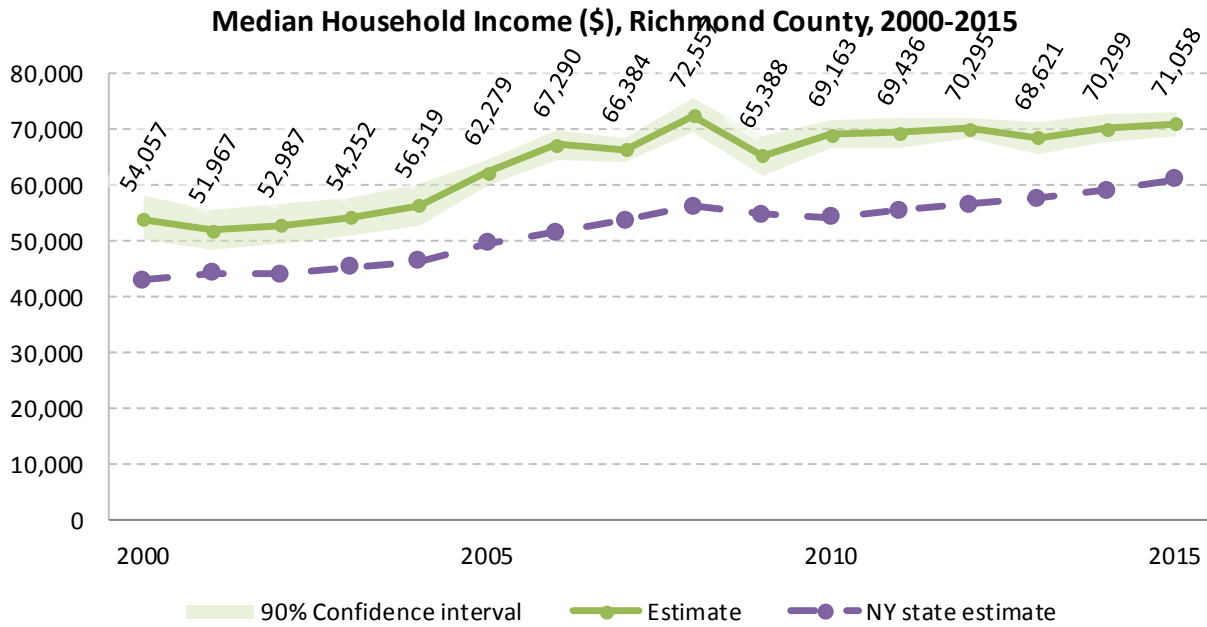
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
Total:	165,784	± 849		
Less than \$10,000	12,231	± 730	10	1,223.1
\$10,000 to \$14,999	6,274	± 534	5	1,254.8
\$15,000 to \$19,999	6,648	± 522	5	1,329.6
\$20,000 to \$24,999	6,413	± 518	5	1,282.6
\$25,000 to \$29,999	5,830	± 500	5	1,166.0
\$30,000 to \$34,999	5,469	± 476	5	1,093.8
\$35,000 to \$39,999	5,525	± 556	5	1,105.0
\$40,000 to \$44,999	5,498	± 540	5	1,099.6
\$45,000 to \$49,999	5,017	± 518	5	1,003.4
\$50,000 to \$59,999	10,456	± 704	10	1,045.6
\$60,000 to \$74,999	15,452	± 939	15	1,030.1
\$75,000 to \$99,999	22,686	± 864	25	907.4
\$100,000 to \$124,999	18,432	± 907	25	737.3
\$125,000 to \$149,999	12,506	± 722	25	500.2
\$150,000 to \$199,999	15,623	± 749	50	312.5
\$200,000 or more	11,724	± 677	-	-

Source: 2011-2015 American Community Survey



Source: 2011-2015 American Community Survey

11.2 Median household income: Trends over time



Source: Small Area Income and Poverty Estimates (SAIPE)

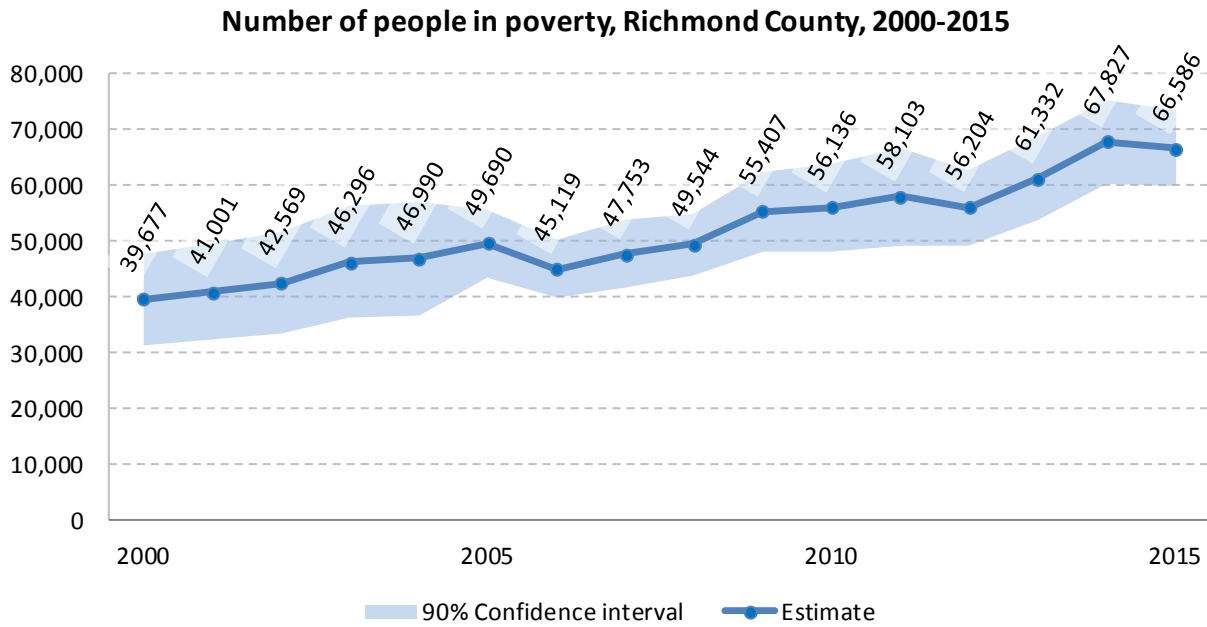
12 Poverty

12.1 Family Income to Poverty Ratio

	TOTAL		PERCENT OF ALL	
	Estimate	Margin of error	Estimate	Margin of error
All families	122,752	± 1,289		
ALL FAMILIES WITH INCOME:				
Below 50 percent of poverty level	6,068	± 557	4.9%	± 0.5
Below 100 percent of poverty level	12,386	± 777	10.1%	± 0.6
Below 125 percent of poverty level	15,758	± 922	12.8%	± 0.7
Below 150 percent of poverty level	19,606	± 968	16.0%	± 0.8
Below 185 percent of poverty level	24,124	± 993	19.7%	± 0.8
Below 200 percent of poverty level	26,340	± 1,013	21.5%	± 0.8
Below 300 percent of poverty level	42,313	± 1,240	34.5%	± 0.9
Below 400 percent of poverty level	58,046	± 1,169	47.3%	± 0.8
Below 500 percent of poverty level	72,858	± 1,372	59.4%	± 0.9

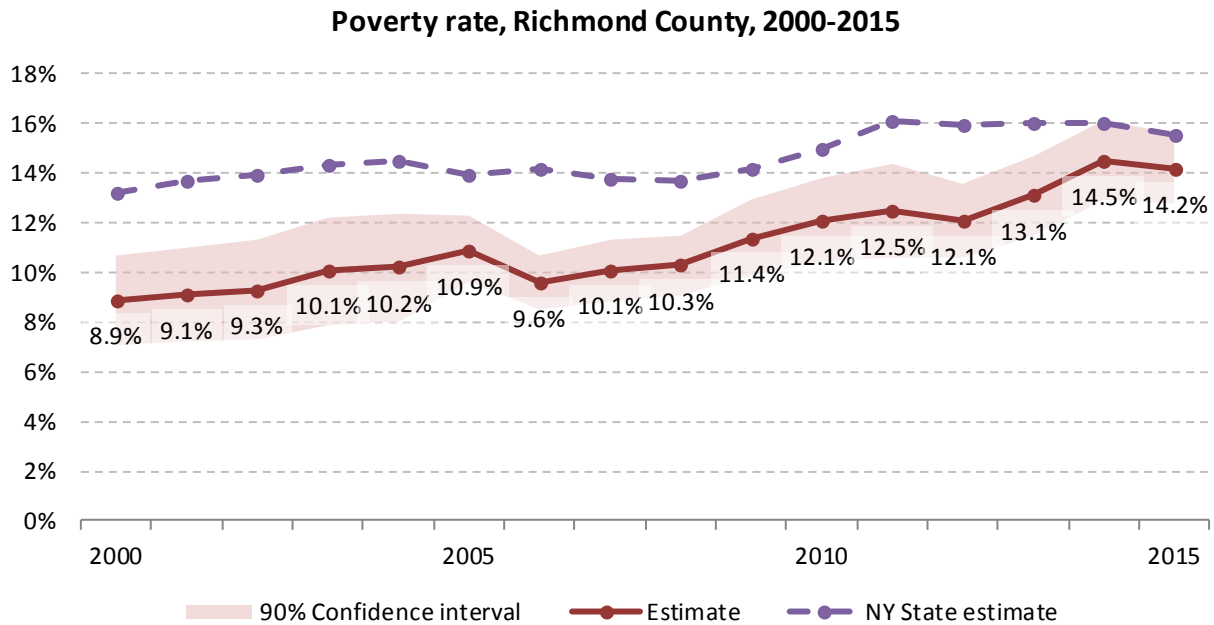
Source: 2011-2015 American Community Survey

12.2 Poverty: Trends over time: Count



Source: Small Area Income and Poverty Estimates (SAIPE)

12.3 Poverty: Trends over time: Rate



Source: Small Area Income and Poverty Estimates (SAIPE)

12.4 Poverty characteristics

	TOTAL		BELOW POVERTY LEVEL		PERCENT BELOW POVERTY LEVEL	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
Population for whom poverty status is determined	466,740	± 578	58,470	± 2,875	12.5%	± 0.6
AGE						
Under 18 years	105,603	± 209	18,224	± 1,457	17.3%	± 1.4
Under 5 years	27,711	± 84	5,273	± 706	19.0%	± 2.6
5 to 17 years	77,892	± 186	12,951	± 1,089	16.6%	± 1.4
18 to 34 years	102,851	± 439	14,168	± 1,030	13.8%	± 1.0
35 to 64 years	194,044	± 261	19,443	± 1,150	10.0%	± 0.6
65 years and over	64,242	± 325	6,635	± 493	10.3%	± 0.8
SEX						
Male	225,932	± 361	26,399	± 1,629	11.7%	± 0.7
Female	240,808	± 396	32,071	± 1,721	13.3%	± 0.7
RACE AND HISPANIC OR LATINO ORIGIN						
White alone	351,542	± 2,122	33,839	± 2,377	9.6%	± 0.7
Black or African American alone	48,888	± 1,254	12,143	± 1,288	24.8%	± 2.3
American Indian and Alaska Native alone	1,141	± 443	456	± 366	40.0%	± 22.5
Asian alone	37,621	± 564	4,881	± 640	13.0%	± 1.7
Hispanic or Latino origin (of any race)	83,579	± 165	18,987	± 1,861	22.7%	± 2.2
White alone, not Hispanic or Latino	292,993	± 755	22,161	± 1,745	7.6%	± 0.6
EDUCATIONAL ATTAINMENT						
Population 25 years and over	318,888	± 373	34,081	± 1,433	10.7%	± 0.5
Less than high school graduate	35,190	± 1,403	9,762	± 897	27.7%	± 2.1
High school graduate (includes equivalency)	101,542	± 1,952	12,951	± 1,082	12.8%	± 1.0
Some college, associate's degree	83,309	± 1,793	6,995	± 688	8.4%	± 0.8
Bachelor's degree or higher	98,847	± 2,037	4,373	± 491	4.4%	± 0.5
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	224,036	± 2,087	12,477	± 999	5.6%	± 0.4
Employed	208,745	± 2,053	8,991	± 815	4.3%	± 0.4
Male	109,894	± 1,113	4,485	± 576	4.1%	± 0.5
Female	98,851	± 1,556	4,506	± 555	4.6%	± 0.5
Unemployed	15,291	± 963	3,486	± 453	22.8%	± 2.5
Male	8,633	± 624	1,856	± 308	21.5%	± 3.0
Female	6,658	± 556	1,630	± 304	24.5%	± 3.9
WORK EXPERIENCE IN THE PAST 12 MONTHS						
Population 16 years and over	98,851	± 1,556	4,506	± 555	4.6%	± 0.5
Worked full-time, year-round	15,291	± 963	3,486	± 453	22.8%	± 2.5
Worked part-time or part-year	8,633	± 624	1,856	± 308	21.5%	± 3.0
Did not work	6,658	± 556	1,630	± 304	24.5%	± 3.9

Source: 2011-2015 American Community Survey

13 Glossary

American Community Survey (ACS) - The American Community Survey is an ongoing survey of the population that provides data every year on a variety of social and economic characteristics—age, sex, race, family and relationships, income and benefits, health insurance, education, veteran status, disabilities, where you work and how you get there, where you live and how much you pay for some essentials. The ACS replaced the information previously gathered by what was known as the “long form” of the decennial censuses. The ACS provides communities, companies and other institutions with current information they need to plan investments and services. Information from the survey generates data that help determine how more than \$400 billion in federal and state funds are distributed each year. Every estimate presented in the American Community Survey, as in other surveys, has an uncertainty associated with it. Often the magnitude of that uncertainty is expressed as the Margin of Error.

Confidence Interval (CI) - indication of the degree of uncertainty about a sample estimates. Confidence intervals have been traditionally reported at the 90, 95 and 99 percent levels. A 90 percent confidence interval can be interpreted, for example, roughly as providing 90 percent certainty that the interval defined by the upper and lower bounds contain the true value of the characteristic. If a Margin of Error is given, the lower bound of the confidence interval is equal to the estimate minus the Margin of Error and the upper bound is equal to the estimate plus the Margin of Error. (See further, Margin of Error definition below.)

County subdivision or Minor Civil Division (MCD) - The Census Bureau geography for primary administrative units below the county level in New York is collectively referred to as county subdivisions or minor civil divisions. These include towns, cities and Indian Reservations.

Decennial Census - the Census of the population and housing taken every 10 years in the United States, at the start of each decade, since 1790.

Employed – either “at work” or “with a job, but not at work”.

Group Quarters Population - all U.S. residents who live in group living facilities including correctional institutions, juvenile facilities, skilled nursing facilities, college residence halls, military barracks, group homes, and workers' dormitories.

Household Population - all U.S. residents who live in housing units such as single family homes, townhouses, apartments, and mobile homes.

Intercensal Population Estimates - estimates produced for the years between two decennial censuses when both the beginning and ending populations are known. They are produced once a decade by adjusting the existing time series of postcensal estimates for the entire decade to smooth the transition from one decennial census count to the next. They differ from the postcensal estimates that are released annually because the difference between the April 1 postcensal estimate and April 1 census count for the end of the decade is redistributed across the estimates for that decade. For dates when both postcensal and intercensal estimates are available, intercensal estimates are preferred.

Labor Force - consists of people classified as employed or unemployed.

Margin of Error (MOE) - a measure of the precision of an estimate at a given level of confidence. The confidence level of a margin of error indicates the likelihood that the difference between the population value (which you

would get if you could measure the whole population instead of a sample) and the estimate is less than or equal to the margin of error. The range from the estimate minus the margin of error to the estimate plus the margin of error is called the confidence interval. All ACS estimates are published with their margins of error at the 90 percent confidence level. Margins of error are useful in assessing the reliability of estimates and whether differences between estimates are significant.

Numeric Population Change - difference between the population of an area at the beginning and end of a time period. It is computed by taking the difference between the population at one point in time (t_1) and some future time (t_2).

Percent Population Change - difference between the population of an area at the beginning and end of a time period, expressed as a percentage of the beginning population. It is computed by dividing the population change ($t_2 - t_1$) by t_1 and multiplying the result by 100.

Population Estimates - The calculated number of people living in an area as of a specified point in time, usually July 1st. The estimated population is calculated using a component of change model that incorporates information on natural increase (births, deaths) and net migration (net domestic migration, net international migration) that has occurred in an area since the latest decennial census. A procedure for estimating the current population using a procedure involving a "base population" value at time $t - 1$, adding to that the births during the interval $t - 1$ to t , subtracting the deaths during that interval $t - 1$ to t , and then adding the net domestic and net international migration that occurred during that interval.

Population Density - Total number of people per areal unit like a square mile or square kilometer.

Population Pyramids - A graphical way of portraying a population's age and sex composition at a given slice in time. The first horizontal bar, constituting the base of the graph, is the youngest age group (typically 0-4) with the number of males in that age group on the left and the number of females in that age group on the right. On top of that age group is another horizontal bar for the next age group (e.g. 5-9) and so forth with the top bar typically for those aged 75 and over. In a population with lots of births and deaths, the shape typically forms a pyramid with a broad base and a narrow top. It is one of the most basic ways to understand population change over time as well as between different geographic units of a similar status (e.g. counties).

Postcensal Estimates - estimates produced for the years after a decennial census when only the beginning population is known. They are produced and revised each year, targeted to July 1 of that year.

Projection - estimated population at some future time based on assumptions about births, deaths, migration, and ages.

Race/Ethnicity - the Census Bureau collects racial data in accordance with guidelines provided by the U.S. Office of Management and Budget (OMB), and these data are based on self-identification. The racial categories included in the census questionnaire generally reflect a social definition of race recognized in this country and not an attempt to define race biologically, anthropologically, or genetically. In addition, it is recognized that the categories of the race item include racial and national origin or sociocultural groups. People may choose to report more than one race to indicate their racial mixture, such as "American Indian" and "White." People who identify their origin as Hispanic, Latino, or Spanish may be of any race. OMB requires five minimum categories: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Hispanics may be classified as white or black. So we generally separate them out as an ethnic group first.

Unemployed – Not employed, but actively looking for work and available to accept a job.

Unemployment rate – Fraction of the Labor Force that is unemployed.

Urban Area – A densely settled area with at least 2,500 people. If the total number of people is less than 50,000 the Census Bureau calls it an Urban Cluster, otherwise an Urbanized Area.

Vintage - each year, the U.S. Census Bureau produces and publishes estimates of the population for each state and county, as well as the nation as a whole. These are called “vintages.” In producing these vintages, the Bureau utilizes administrative data from a number of sources to estimate 1) the change in population since the most recent decennial census, and 2) the population for each year since the most recent decennial census. With each annual release of population estimates (vintage), the entire time series of estimates beginning on April 1, 2010 is revised and updated.

Vital Statistics - quantitative data concerning a population, such as the number of births, marriages, and deaths.

14 References

Richmond County homepage: <http://www1.nyc.gov/>

At Cornell:

- Program on Applied Demographics (PAD)
URL: <http://pad.human.cornell.edu/>
 - More county trends: <https://pad.human.cornell.edu/counties/trends1geo.cfm?geo=85>
- Community and Regional Development Institute (CaRDI)
URL: <https://cardi.cals.cornell.edu/>
- Cornell Cooperative Extensions (CCE)
Home page: <http://www.cce.cornell.edu>
 - New York City local office: <http://nyc.cce.cornell.edu/>

Data sources and background information:

- New York State Data Center
 - <https://labor.ny.gov/nys-data-center/index.shtm>
- U.S. Census Bureau - general
 - QuickFacts: <https://www.census.gov/quickfacts/table/PST045216/36,36085>
 - American FactFinder: <http://factfinder.census.gov/>
- U.S. Census Bureau - population
 - Decennial Census
 - Background: <https://www.census.gov/2010census/>
 - Demographic Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10_SF1/SF1DP1/0500000US360855
 - American Community Survey (ACS)
 - Background: <https://www.census.gov/programs-surveys/acs/>
 - Social Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP02/0500000US36085
 - Economic Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP03/0500000US36085
 - Housing Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP04/0500000US36085
 - Demographics Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP05/0500000US36085
 - Population estimates:
 - General: <https://www.census.gov/programs-surveys/popest.html>
 - Explorer: <https://www.census.gov/censusexplorer/censusexplorer-popest.html>
- U.S. Census Bureau – Small Area Income & Poverty Estimates (SAIPE)
 - <http://www.census.gov/did/www/saipe/>
- U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages
 - <https://qwiexplorer.ces.census.gov/static/explore.html>
- U.S. Census Bureau – Building Permits Survey
 - <https://www.census.gov/construction/bps/>

- Bureau Labor Statistics (BLS)
 - Local Area Unemployment Statistics: <http://www.bls.gov/lau/>
 - Quarterly Census of Employment and Wages (QCEW): <https://www.bls.gov/cew/data.htm>
- NY Department of Labor -
 - Labor statistics: <https://labor.ny.gov/stats/index.shtm>
 - Quarterly Census of Employment and Wages (QCEW): <https://labor.ny.gov/stats/LSQCEW.shtm>
- NY State Department of Health
 - Vital Statistics: https://www.health.ny.gov/statistics/vital_statistics/
- Bureau of Economic Analysis (BEA) – Local Area Personal Income and Employment: <http://bea.gov/iTable/iTable.cfm?ReqID=70&step=1>

Alternative sites for data retrieval:

- The Nelson A. Rockefeller Institute of Government – New York State Statistical Yearbooks http://www.rockinst.org/nys_statistics/
- Headwaters Economics: Economic Profile System – Human Dimensions Toolkit <http://headwaterseconomics.org/tools/eps-hdt>
- National Historical Geographic Information System (NHGIS) <https://www.nhgis.org/>
- Social Explorer <http://www.socialexplorer.com/pub/home/home.aspx>
- Stats America <http://www.statsamerica.org/Default.aspx>
- Missouri Census Data Center <http://mcdc.missouri.edu/>
- DataFerret <http://dataferrett.census.gov/>
- Investigative Reporters and Editors (IRE) Census project <http://census.ire.org/>