Orange

County Profile

2017

A collection of recent demographic, social and economic data

Compiled by

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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

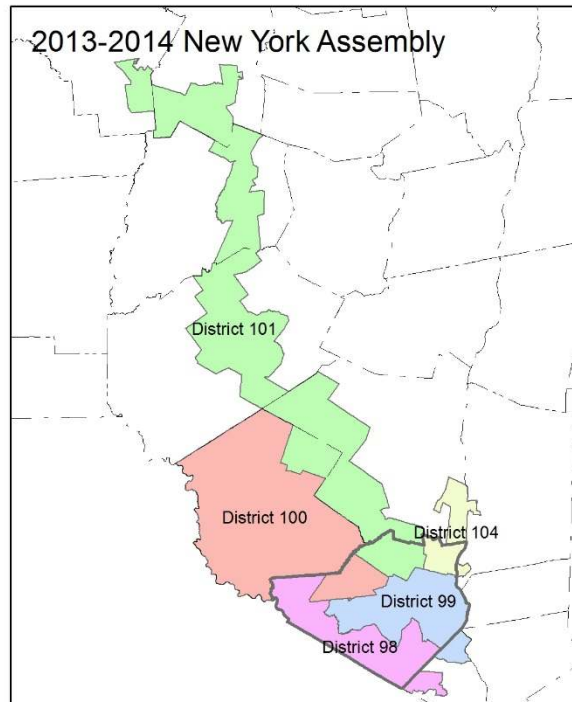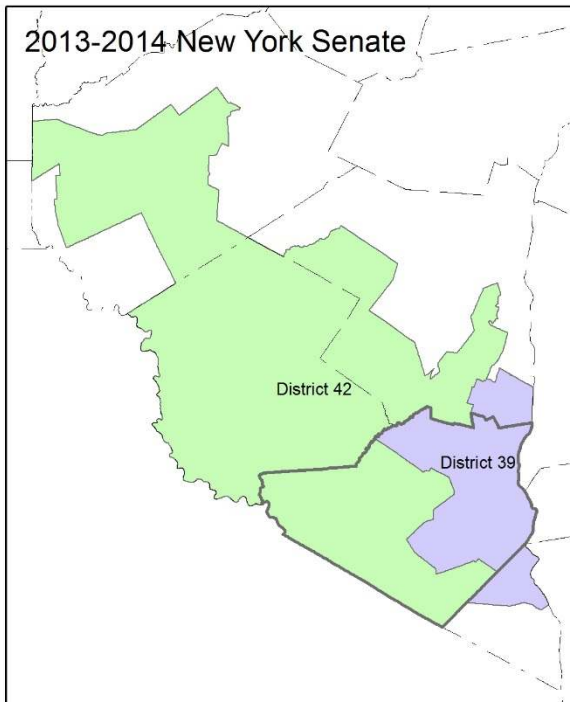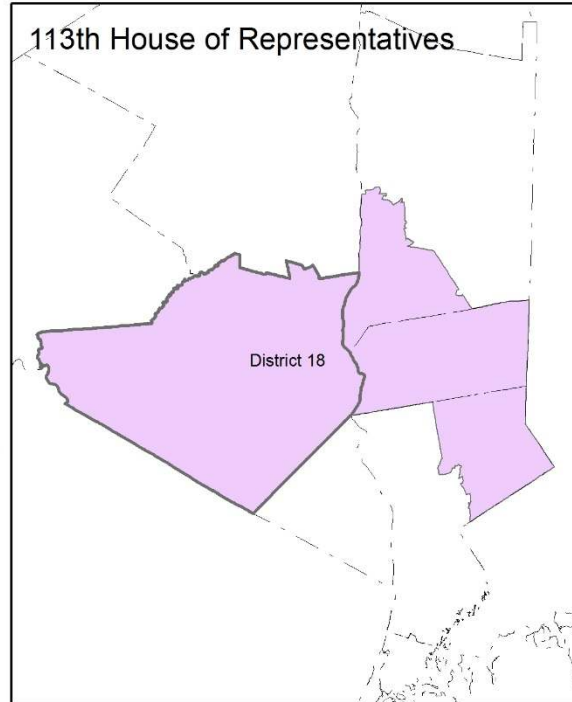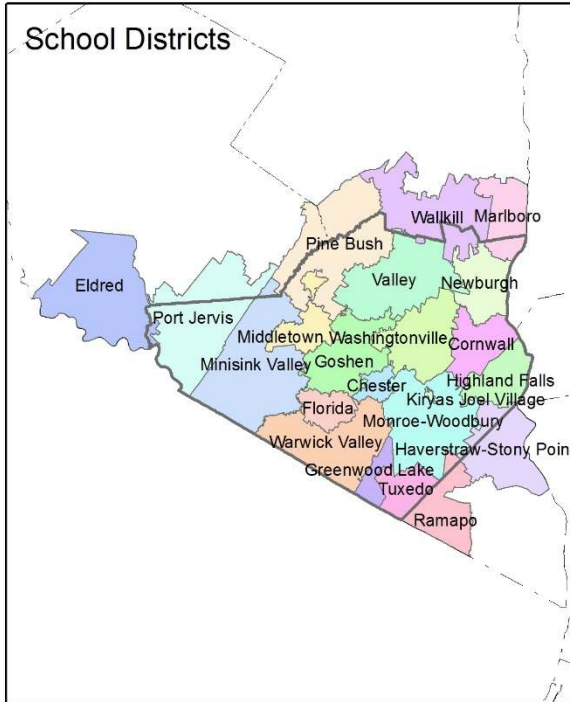This profile is an update from the County Profile produced in 2013. The 2013 profile also contained information on agriculture related items and can be found at https://pad.human.cornell.edu/profiles/2013/Orange.pdf

Contents

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

Orange County, NY
Towns, Cities, Indian Reservations, and Incorporated Villages

Crawford
●Walden
Newburgh
Montgomery
Montgomery
Newburgh
Wallkill
●*Maybrook*
New Windsor
Otisville
Mount Hope
Middletown
Hamptonburgh
Cornwall-on-Hudson
Deerpark
Washingtonville Cornwall
Blooming Grove
Goshen
Highlands
Wawayanda
Goshen
South Blooming Grove
Highland Falls
Port Jervis
Chester
Woodbury
Greenville
Chester
Kiryas Joel
Woodbury
Minisink
Florida
●*Monroe*
●*Unionville*
Monroe *Harriman*
Warwick
Tuxedo
Warwick
Greenwood Lake
Tuxedo Park

New York State Counties

Orange County

0   100 Miles

Legend

● *Village*

◻ Town

◻ **City**

0   10 Miles

Created by Cornell Program on Applied Demographics.
March 2012.
Data Source: 2010 Census TIGER/Line® Shapefiles.

N

Orange County, NY
Overlap with School and Political Districts

School Districts

Eldred

Port Jervis

Wallkill Marlboro

Pine Bush

Valley Newburgh

Middletown Washingtonville Cornwall

Minisink Valley Goshen

Chester Highland Falls

Florida Kiryas Joel Village

Monroe-Woodbury

Warwick Valley Haverstraw-Stony Point

Greenwood Lake

Tuxedo

Ramapo

113th House of Representatives

District 18

2013-2014 New York Senate

District 42

District 39

2013-2014 New York Assembly

District 101

District 100

District 104

District 99

District 98

2   Population density and Urban Areas Map

Orange County, NY
2010 Population Density per Block

Walden
Montgomery
Maybrook
Newburgh
Otisville
Middletown
Washingtonville
Cornwall-on-Hudson
Goshen
South Blooming Grove
Chester
Highland Falls
Florida
Woodbury
Monroe
Harriman
Unionville
Port Jervis
Warwick
Greenwood Lake
Tuxedo Park

Middletown

Newburgh

Legend

◎   City

○   *Village*

——   Urban Area Boundary

-·-·-   SubCounty Boundary

Population Density per Sq Mi

Under 500
500 - 999
1,000 - 1,999
2,000 - 4,999
5,000 or more

Water

0   10 Miles

Created by Cornell Program on Applied Demographics.
April 2012.
Data Source: 2010 Census TIGER/Line® Shapefiles.

N

3 Total Population

3.1 Historic and projected

Total population, Orange County, 1940-2040
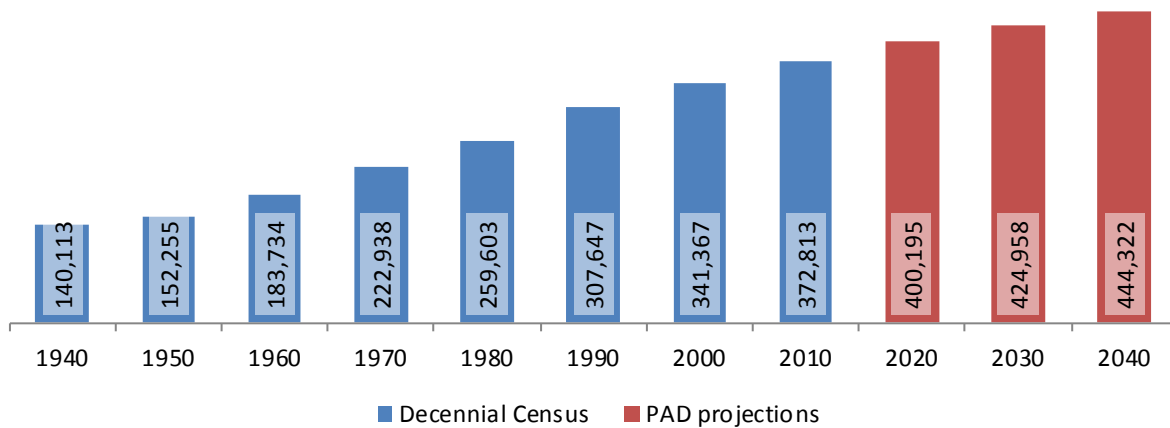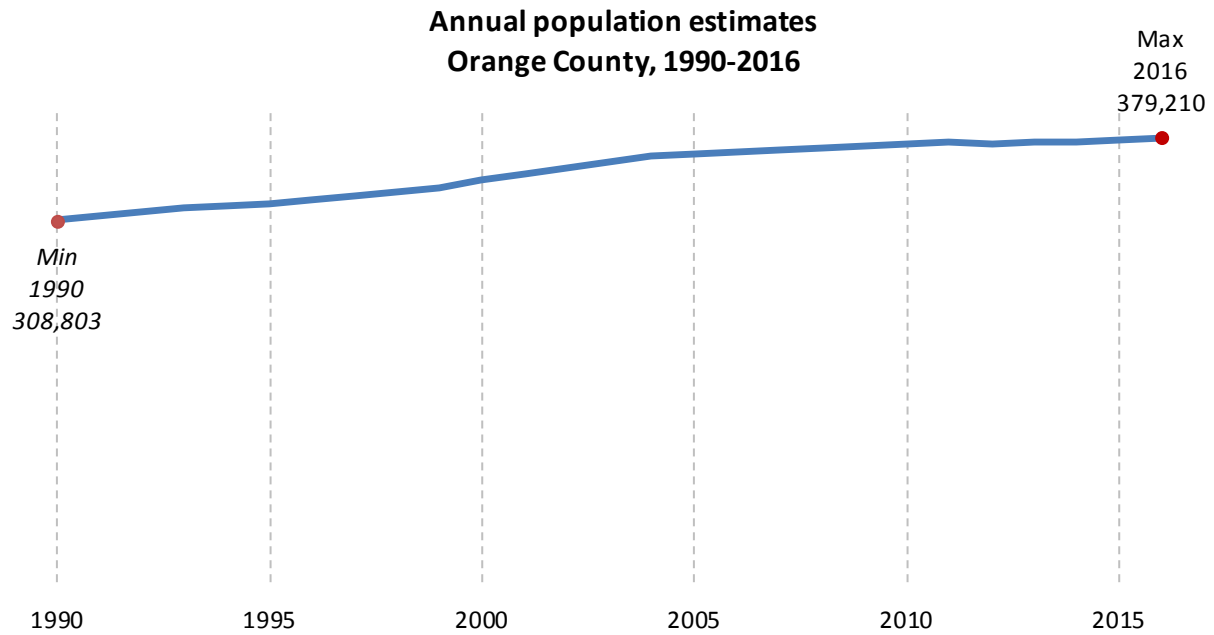

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

3.2 Change since previous Census

		Total population	Change	
			Number	**Percent**
Decennial Census	1940	140,113		
	1950	152,255	12,142	8.7%
	1960	183,734	31,479	20.7%
	1970	222,938	39,204	21.3%
	1980	259,603	36,665	16.4%
	1990	307,647	48,044	18.5%
	2000	341,367	33,720	11.0%
	2010	372,813	31,446	9.2%
PAD projections	2020	400,195	27,382	7.3%
	2030	424,958	24,763	6.2%
	2040	444,322	19,364	4.6%

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

3.3   Annual population estimates

**Annual population estimates
Orange County, 1990-2016**

Max
2016
379,210

Min
1990
308,803

1990   1995   2000   2005   2010   2015

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

3.4   Sub County population change 2010-2015

	Total Population		Difference	
	2000	**2010**	**Count**	**%**
New York State	18,976,821 *	19,378,102	401,281	2.1%
Orange County	341,367	372,813	31,446	9.2%
Cities				
Middletown	25,388	28,086	2,698	10.6%
Newburgh	28,259	28,866	607	2.1%
Port Jervis	8,860	8,828	-32	-0.4%
Towns				
Blooming Grove	17,351	18,028	677	3.9%
Chester	12,140	11,981	-159	-1.3%
Cornwall	12,307	12,646	339	2.8%
Crawford	7,875	9,316	1,441	18.3%
Deerpark	7,858	7,901	43	0.5%
Goshen	12,913	13,687	774	6.0%
Greenville	3,800	4,616	816	21.5%
Hamptonburgh	4,686	5,561	875	18.7%
Highlands	12,484	12,492	8	0.1%
Minisink	3,585	4,490	905	25.2%
Monroe	31,407	39,912	8,505	27.1%
Montgomery	20,891	22,606	1,715	8.2%
Mount Hope	6,639	7,018	379	5.7%
Newburgh	27,568	29,801	2,233	8.1%
New Windsor	22,866	25,244	2,378	10.4%
Tuxedo	3,334	3,624	290	8.7%
Wallkill	24,659	27,426	2,767	11.2%
Warwick	30,764	32,065	1,301	4.2%
Wawayanda	6,273	7,266	993	15.8%
Woodbury	9,460	11,353	1,893	20.0%

 * Original counts revised through Count Question Resolution Program (CQR)
Source: U.S. Census Bureau intercensal population estimates 2000-2010

3.5   Sub County population change 2010-2015

	Total Population		Difference	
	2010 base	**2015**	**Count**	**%**
New York State	19,378,087	19,795,791	417,704	2.2%
Orange County	372,782	377,647	4,865	1.3%
Cities				
Middletown	28,086	27,812	-274	-1.0%
Newburgh	28,866	28,290	-576	-2.0%
Port Jervis	8,828	8,609	-219	-2.5%
Towns				
Blooming Grove	18,027	17,734	-293	-1.6%
Chester	11,981	11,874	-107	-0.9%
Cornwall	12,646	12,563	-83	-0.7%
Crawford	9,316	9,223	-93	-1.0%
Deerpark	7,902	7,776	-126	-1.6%
Goshen	13,687	13,869	182	1.3%
Greenville	4,616	4,663	47	1.0%
Hamptonburgh	5,561	5,527	-34	-0.6%
Highlands	12,492	12,136	-356	-2.8%
Minisink	4,490	4,518	28	0.6%
Monroe	39,912	42,983	3,071	7.7%
Montgomery	22,606	23,670	1,064	4.7%
Mount Hope	7,018	6,919	-99	-1.4%
Newburgh	29,770	30,744	974	3.3%
New Windsor	25,244	26,577	1,333	5.3%
Tuxedo	3,624	3,582	-42	-1.2%
Wallkill	27,426	28,364	938	3.4%
Warwick	32,065	31,341	-724	-2.3%
Wawayanda	7,266	7,310	44	0.6%
Woodbury	11,353	11,563	210	1.8%

Source: U.S. Census Bureau population estimates 2010-2015
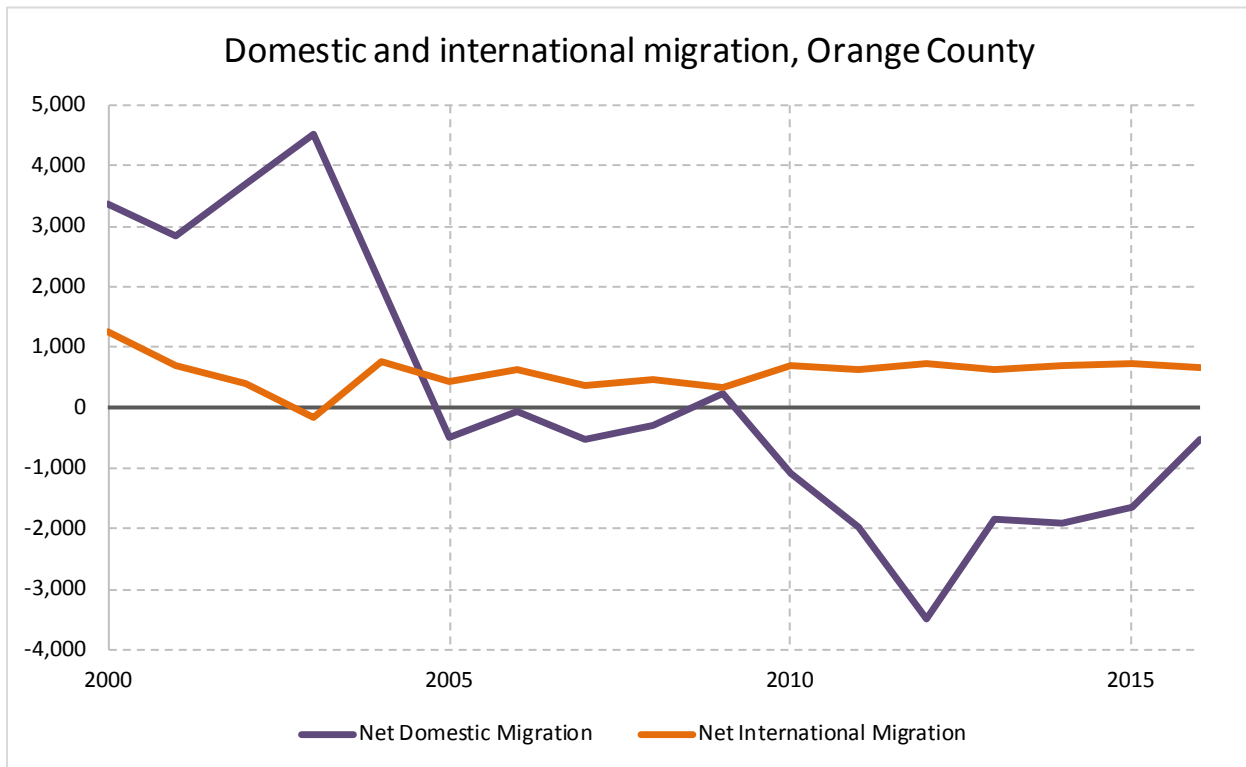
4 Components of population change

4.1 Vital Statistics

Vital Statistics, Orange County
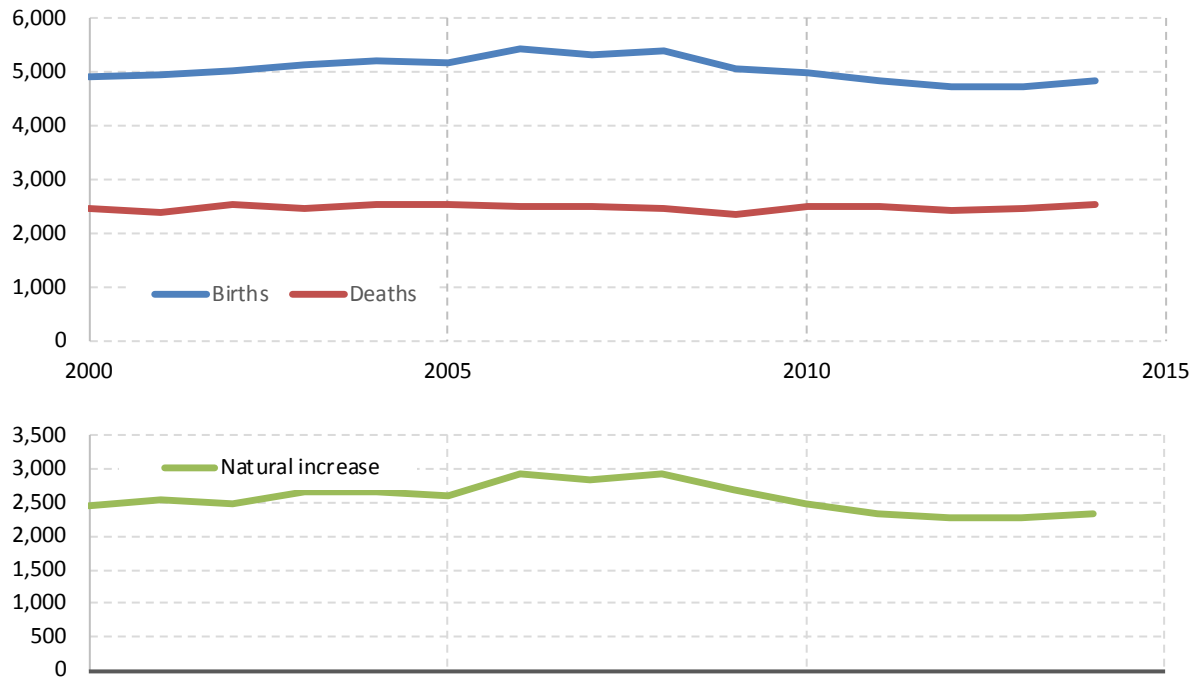
Source: New York State Department of Health

4.2 Migration

Domestic and international migration, Orange County
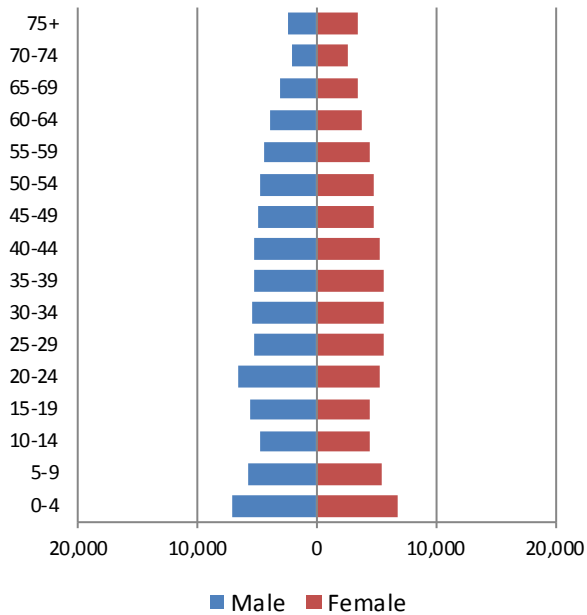
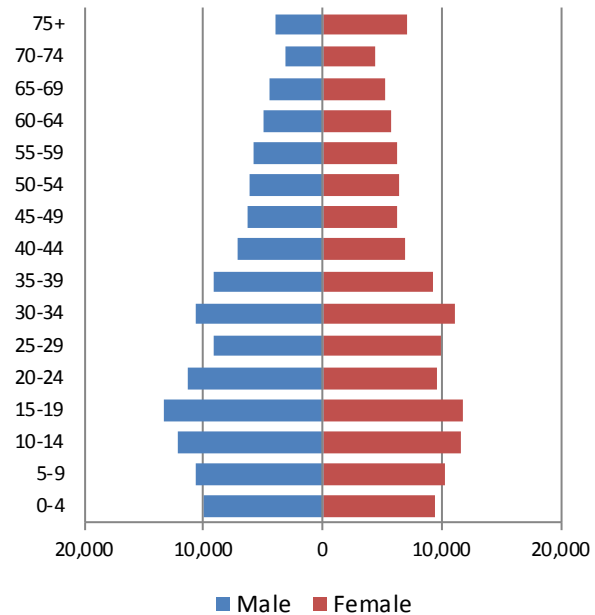*Source: Census Bureau population estimates (V2010 and V2016)*

5   Population by age

5.1   Historic and projected population pyramids

1950 Population Pyramid, Orange County

Male   Female

1980 Population Pyramid, Orange County

Male   Female

2010 Population Pyramid, Orange County

Male   Female
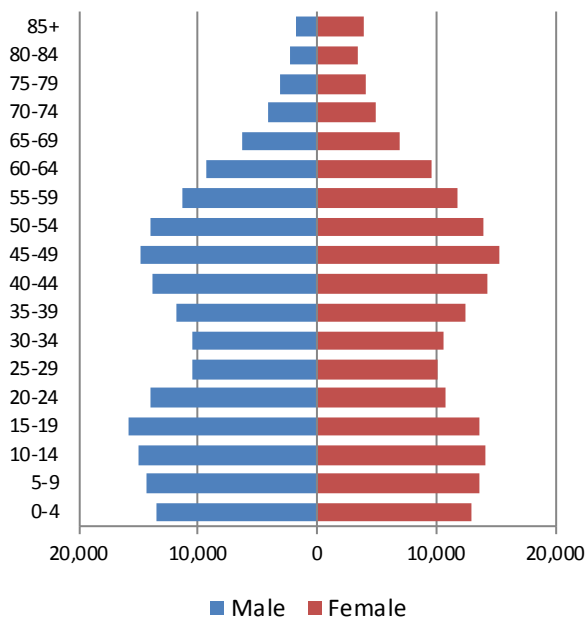
2040 Population Pyramid, Orange County

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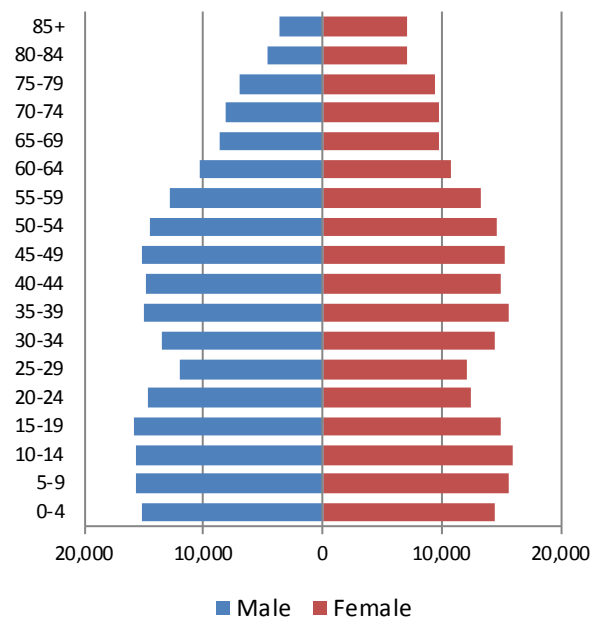
Source: 1950, 1980, 2010 Decennial Census and projections by Cornell Program on Applied Demographics

5.2   Selected age groups

Population age 5-14, Orange County, 1940-2040
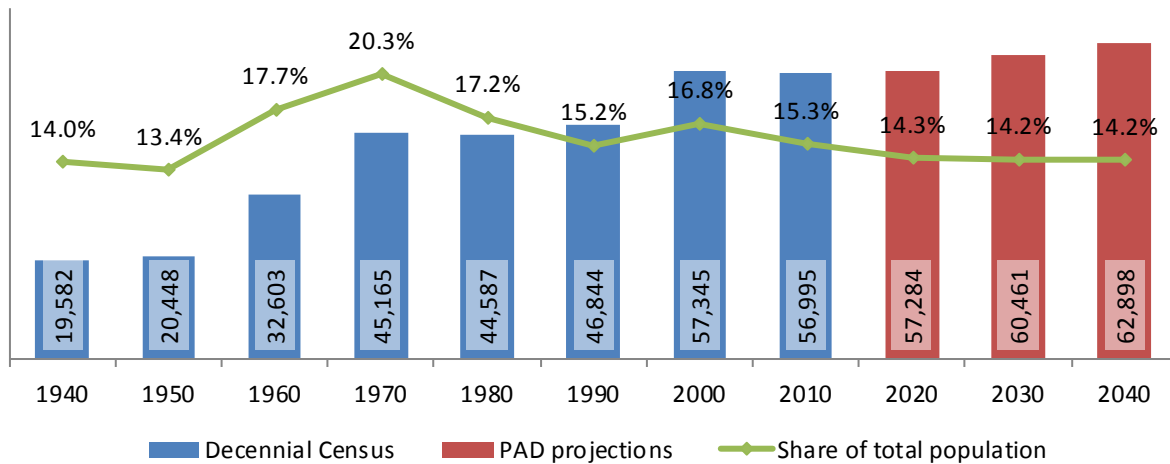
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

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

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

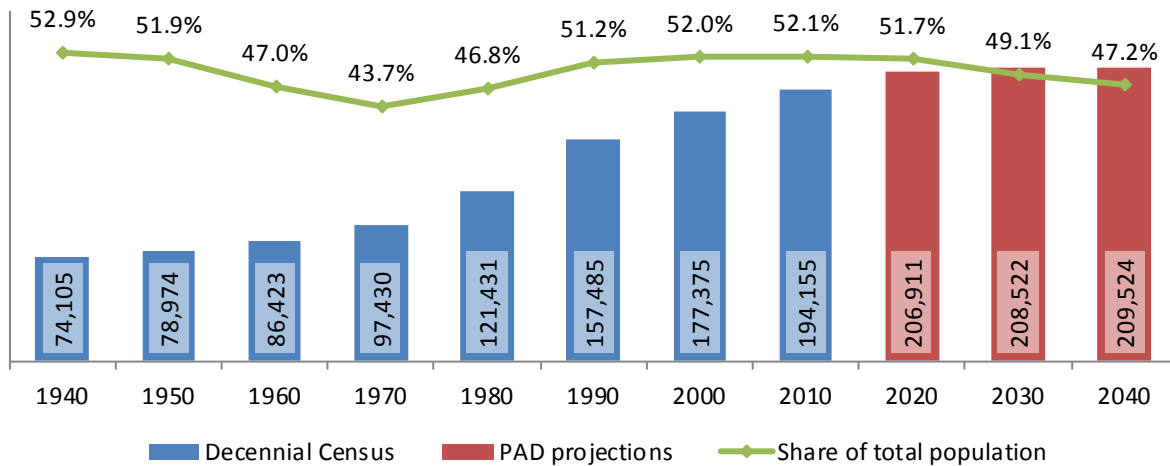**Population age 65 and over, Orange County, 1940-2040**
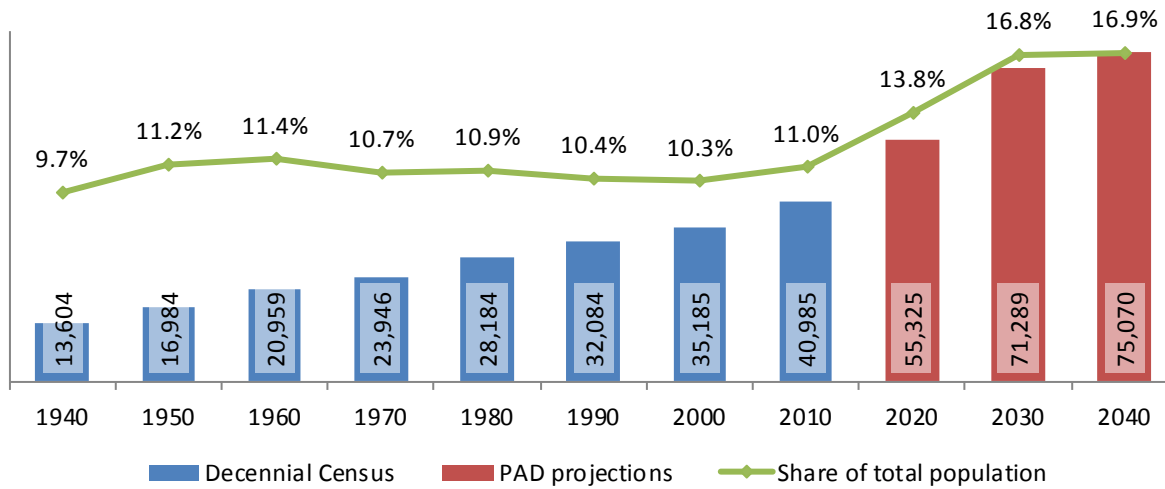
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

5.3   Median age

	Orange County	New York State
Median age		
2000	34.7	35.9
2010	36.6	38.0
2015	36.9	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	372,813	100%	360,583	100%	12,230
Not Hispanic or Latino					
One race					
White	254,259	68.2%	246,768	68.4%	7,491
Black or African American	33,895	9.1%	31,645	8.8%	2,250
American Indian and Alaska Native	908	0.2%	863	0.2%	45
Asian	8,685	2.3%	8,302	2.3%	383
Native Hawaiian and Other Pacific Islander	80	0.0%	-	-	-
Some other race	797	0.2%	745	0.2%	52
Two or more races	7,004	1.9%	6,763	1.9%	241
Hispanic or Latino (of any race)	67,185	18.0%	65,431	18.1%	1,754

Source: 2010 Decennial Census

6.2   Race composition by age

Race composition by age, Orange County
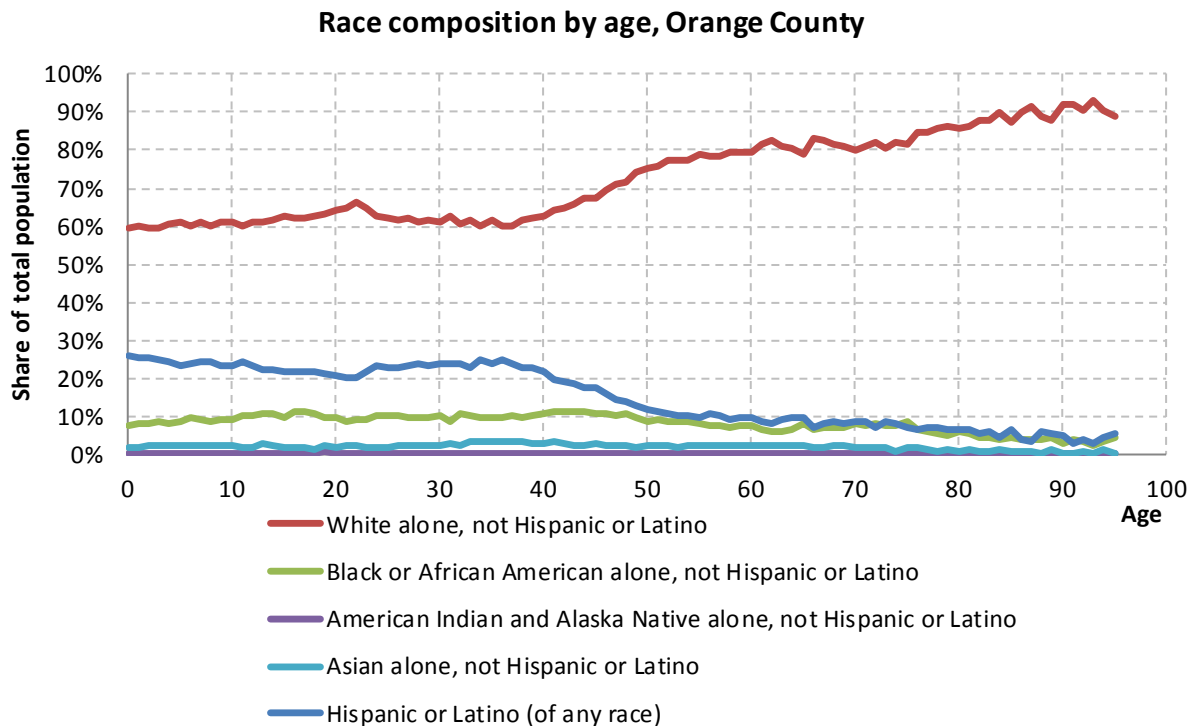
Source: 2010 Decennial Census

7 Housing units

7.1 Characteristics

HOUSING OCCUPANCY	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
Total housing units	139,103	± 367	100.0%	
Occupied housing units	125,270	± 867	90.1%	± 0.6
Vacant housing units	13,833	± 821	9.9%	± 0.6
YEAR STRUCTURE BUILT				
Total housing units	139,103	± 367	100.0%	
Built 2014 or later	114	± 89	0.1%	± 0.1
Built 2010 to 2013	1,901	± 294	1.4%	± 0.2
Built 2000 to 2009	17,318	± 768	12.4%	± 0.6
Built 1990 to 1999	13,363	± 710	9.6%	± 0.5
Built 1980 to 1989	18,952	± 800	13.6%	± 0.6
Built 1970 to 1979	18,328	± 849	13.2%	± 0.6
Built 1960 to 1969	14,435	± 836	10.4%	± 0.6
Built 1950 to 1959	13,645	± 641	9.8%	± 0.5
Built 1940 to 1949	6,516	± 510	4.7%	± 0.4
Built 1939 or earlier	34,531	± 1,058	24.8%	± 0.8
HOUSING TENURE				
Occupied housing units	125,270	± 867	100.0%	
Owner-occupied	86,184	± 1,112	68.8%	± 0.8
Renter-occupied	39,086	± 1,084	31.2%	± 0.8
HOUSE HEATING FUEL				
Occupied housing units	125,270	± 867	100.0%	
Utility gas	61,034	± 1,103	48.7%	± 0.8
Bottled, tank, or LP gas	6,244	± 581	5.0%	± 0.5
Electricity	12,462	± 689	9.9%	± 0.5
Fuel oil, kerosene, etc.	40,918	± 899	32.7%	± 0.7
Coal or coke	382	± 149	0.3%	± 0.1
Wood	2,884	± 338	2.3%	± 0.3
Solar energy	91	± 55	0.1%	± 0.1
Other fuel	732	± 141	0.6%	± 0.1
No fuel used	523	± 138	0.4%	± 0.1
VALUE				
Owner-occupied units	86,184	± 1,112	100.0%	
Less than $50,000	3,360	± 354	3.9%	± 0.4
$50,000 to $99,999	2,856	± 394	3.3%	± 0.4
$100,000 to $149,999	6,226	± 472	7.2%	± 0.5
$150,000 to $199,999	12,492	± 592	14.5%	± 0.6
$200,000 to $299,999	29,066	± 866	33.7%	± 0.9
$300,000 to $499,999	25,769	± 819	29.9%	± 0.9
$500,000 to $999,999	5,708	± 468	6.6%	± 0.5
$1,000,000 or more	707	± 153	0.8%	± 0.2
Median (dollars)	262,500	± 2,770		

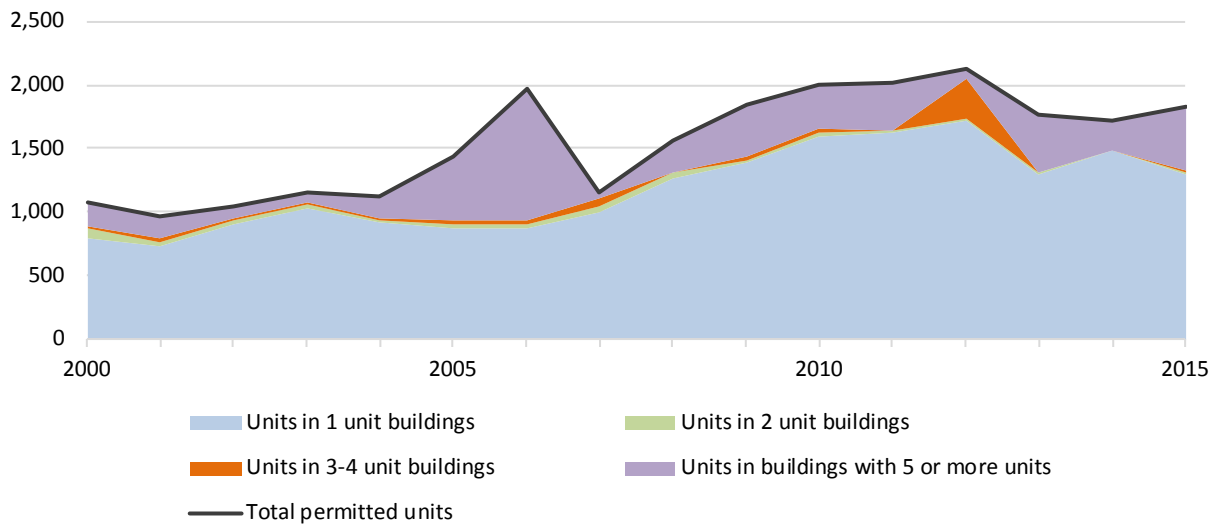*Source: 2011-2015 American Community Survey*

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	76,753		65,607	85.5%	11,146
1980	93,274	21.5%	84,251	90.3%	9,023
1990	110,814	18.8%	101,506	91.6%	9,308
2000	122,754	10.8%	114,788	93.5%	7,966
2010	137,025	11.6%	125,925	91.9%	11,100

Source: 1970-2010 Decennial Census

7.3 Building Permits 2000-2015

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

Legend:
- Units in 1 unit buildings
- Units in 2 unit buildings
- Units in 3-4 unit buildings
- Units in buildings with 5 or more units
- Total permitted units

Source: Census Bureau Building Permits Survey

8 Education

8.1 Enrollment by level of school

	Estimate	Margin of error
Total enrolled in school	108,248	± 1,171
Nursery school, preschool	6,432	± 480
Kindergarten to 12th grade	75,092	± 773
Kindergarten	5,835	± 499
Elementary: grade 1 to grade 4	22,666	± 778
Elementary: grade 5 to grade 8	22,265	± 794
High school: grade 9 to grade 12	24,326	± 730
College, undergraduate	23,168	± 988
Graduate, professional school	3,556	± 478

Source: 2011-2015 American Community Survey

8.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	61.7%	± 3.3
5 to 9 years	97.1%	± 0.7
10 to 14 years	97.4%	± 0.8
15 to 17 years	96.2%	± 1.0
18 and 19 years	74.6%	± 3.0
20 to 24 years	43.6%	± 2.6
25 to 34 years	10.3%	± 1.1
35 years and over	2.7%	± 0.3

Source: 2011-2015 American Community Survey

8.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	39,554	± 73
Enrolled in college or graduate school	43.9%	± 1.9
Males 18 to 24 years	22,351	± 46
Enrolled in college or graduate school	42.6%	± 2.7
Females 18 to 24 years	17,203	± 48
Enrolled in college or graduate school	45.7%	± 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	237,282	± 73	100%	
EDUCATIONAL ATTAINMENT				
Less than 9th grade	9,477	± 599	4.0%	± 0.3
9th to 12th grade, no diploma	16,464	± 969	6.9%	± 0.4
High school graduate (includes equivalency)	69,556	± 1,572	29.3%	± 0.7
Some college, no degree	49,806	± 1,449	21.0%	± 0.6
Associate's degree	22,794	± 1,053	9.6%	± 0.4
Bachelor's degree	40,920	± 1,226	17.2%	± 0.5
Graduate or professional degree	28,265	± 1,183	11.9%	± 0.5
Percent high school graduate or higher			89.1%	± 0.5
Percent bachelor's degree or higher			29.2%	± 0.7

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	350,422	± 74	100%			
LANGUAGE SPOKEN AT HOME						
English only	265,434	± 1,735	75.7%	± 0.5		
Language other than English	84,988	± 1,744	24.3%	± 0.5	30,548	± 1,268
Spanish	48,090	± 1,140	13.7%	± 0.3	13,789	± 1,035
Other Indo-European languages	29,662	± 1,180	8.5%	± 0.3	13,951	± 735
Asian and Pacific Islander languages	4,854	± 589	1.4%	± 0.2	2,078	± 350
Other languages	2,382	± 519	0.7%	± 0.1	730	± 290

*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	288,626	± 393	65.6%	± 0.5	59.5%	± 0.6	7.3%	± 0.4
AGE								
16 to 19 years	23,565	± 409	39.5%	± 2.2	27.5%	± 2.3	22.3%	± 2.7
20 to 24 years	27,779	± 131	76.9%	± 1.8	60.7%	± 2.3	12.2%	± 1.8
25 to 29 years	20,394	± 63	80.7%	± 1.6	70.6%	± 2.0	10.8%	± 1.9
30 to 34 years	21,413	± 75	81.1%	± 1.8	74.7%	± 2.0	6.2%	± 1.3
35 to 44 years	47,828	± 74	80.3%	± 1.2	76.2%	± 1.3	4.3%	± 0.6
45 to 54 years	56,992	± 75	82.8%	± 1.0	78.0%	± 1.1	5.5%	± 0.6
55 to 59 years	24,190	± 828	74.6%	± 1.9	70.5%	± 1.9	5.4%	± 1.0
60 to 64 years	20,987	± 830	57.9%	± 2.3	54.4%	± 2.4	6.1%	± 1.5
65 to 74 years	26,251	± 94	29.6%	± 1.8	27.8%	± 1.8	6.0%	± 1.7
75 years and over	19,227	± 65	7.0%	± 1.2	6.6%	± 1.2	6.3%	± 3.7
RACE AND HISPANIC OR LATINO ORIGIN								
White alone	221,686	± 1,324	65.0%	± 0.6	59.1%	± 0.7	6.9%	± 0.5
Black or African American alone	29,031	± 583	63.1%	± 2.0	56.2%	± 1.9	9.7%	± 1.3
American Indian and Alaska Native alone	897	± 246	69.9%	± 9.5	58.2%	± 10.3	10.5%	± 8.5
Asian alone	7,710	± 278	72.6%	± 2.8	64.5%	± 3.5	8.3%	± 2.6
Two or more races	6,671	± 596	65.7%	± 3.7	54.0%	± 3.5	11.8%	± 3.2
Hispanic or Latino origin (of any race)	50,146	± 190	69.7%	± 1.5	63.5%	± 1.5	7.5%	± 1.1
White alone, not Hispanic or Latino	198,025	± 328	64.7%	± 0.6	58.9%	± 0.7	6.7%	± 0.5
SEX								
Population 20 to 64 years	219,583	± 128	77.9%	± 0.5	71.3%	± 0.7	6.6%	± 0.4
Male	110,718	± 113	82.4%	± 0.8	74.4%	± 0.9	6.9%	± 0.5
Female	108,865	± 55	73.2%	± 0.8	68.2%	± 0.9	6.2%	± 0.7
With own children under 18 years	42,981	± 873	71.0%	± 1.4	66.8%	± 1.3	5.9%	± 0.9
EDUCATIONAL ATTAINMENT								
Population 25 to 64 years	191,804	± 88	78.0%	± 0.6	72.8%	± 0.7	5.9%	± 0.4
Less than high school graduate	18,125	± 1,108	59.2%	± 2.5	52.6%	± 2.6	11.1%	± 2.0
High school graduate (includes equivalency)	52,254	± 1,421	73.3%	± 1.3	68.0%	± 1.5	7.1%	± 0.8
Some college or associate's degree	62,367	± 1,624	80.3%	± 0.9	74.9%	± 1.0	5.8%	± 0.7
Bachelor's degree or higher	59,058	± 1,510	85.5%	± 0.9	81.2%	± 1.0	3.9%	± 0.6

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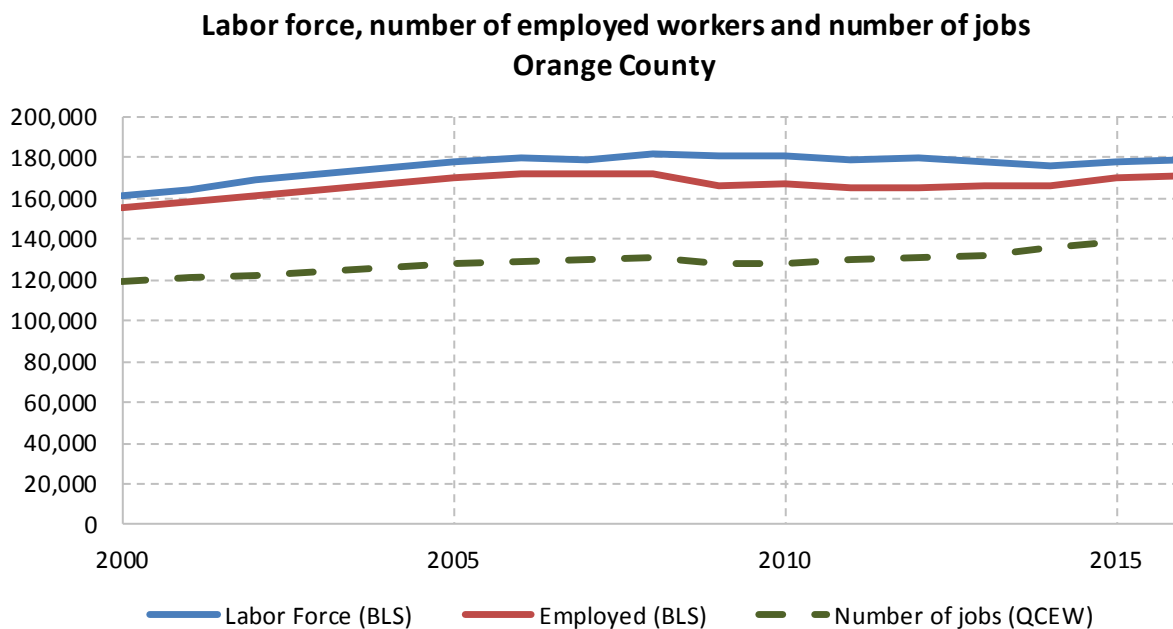**UNEMPLOYMENT RATE** = # UNEMPLOYED / LABOR FORCE * 100%

Source: 2011-2015 American Community Survey

10.2 Annual unemployment rate

Annual unemployment rate, Orange County and New York State
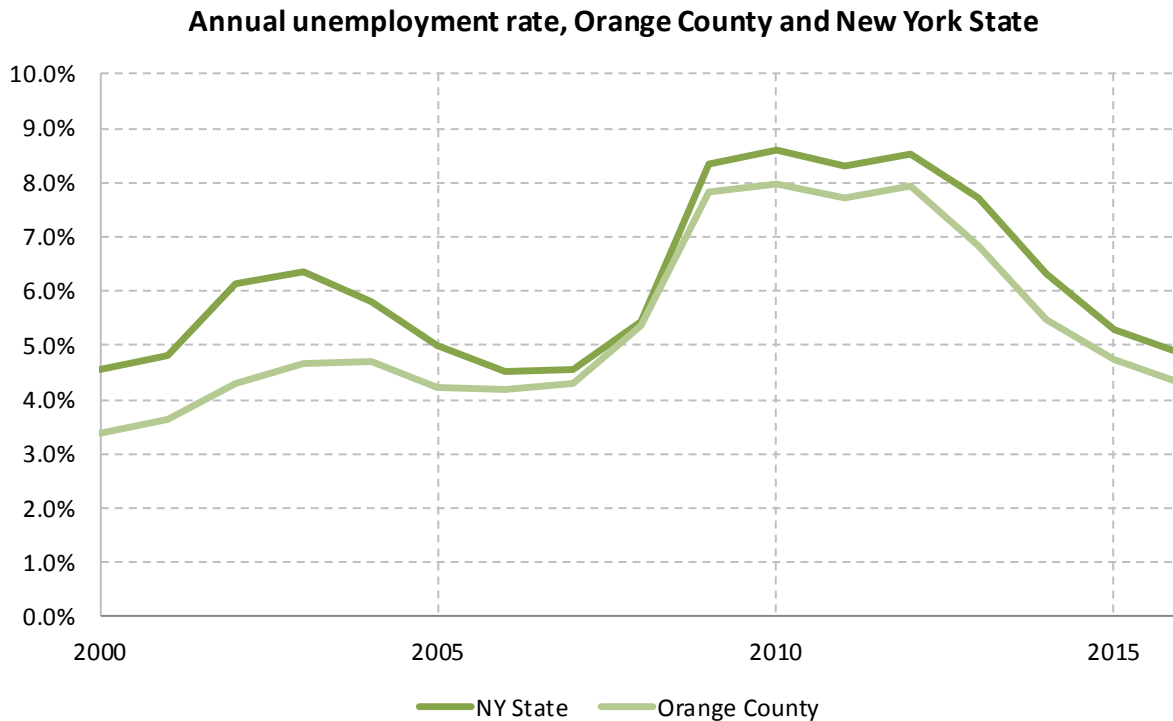
Source: Bureau Labor Statistics (BLS)

10.3 Employment and number of jobs

**Labor force, number of employed workers and number of jobs
Orange County**

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	171,651	52.6%	47.4%
	Margin of error	*± 1,803*	*± 0.4*	*± 0.4*
Private for-profit wage and salary workers:	Estimate	113,379	55.6%	44.4%
	Margin of error	*± 1,816*	*± 0.7*	*± 0.7*
Employee of private company workers	Estimate	107,097	55.0%	45.0%
	Margin of error	*± 1,819*	*± 0.7*	*± 0.7*
Self-employed in own incorporated business workers	Estimate	6,282	66.3%	33.7%
	Margin of error	*± 514*	*± 4.1*	*± 4.1*
Private not-for-profit wage and salary workers	Estimate	16,641	36.3%	63.7%
	Margin of error	*± 799*	*± 2.2*	*± 2.2*
Local government workers	Estimate	20,410	49.6%	50.4%
	Margin of error	*± 1,025*	*± 2.3*	*± 2.3*
State government workers	Estimate	8,312	47.8%	52.2%
	Margin of error	*± 586*	*± 3.3*	*± 3.3*
Federal government workers	Estimate	5,324	54.6%	45.4%
	Margin of error	*± 504*	*± 3.7*	*± 3.7*
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	7,585	56.4%	43.6%
	Margin of error	*± 556*	*± 3.9*	*± 3.9*

Source: 2011-2015 American Community Survey

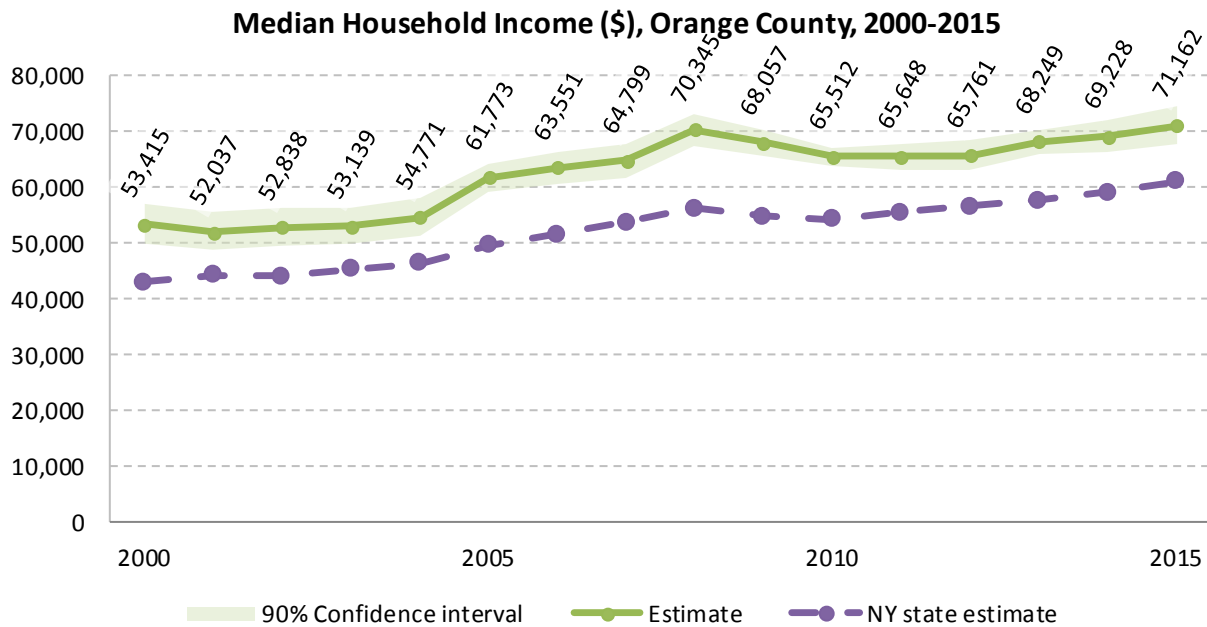## 11 Household Income

11.1 Income Distribution

	Estimate	Margin of error	Interval width (in $1,000)	Est. per $1,000 section
Total:	125,270	± 867		
Less than $10,000	7,076	± 628	10	707.6
$10,000 to $14,999	5,001	± 439	5	1,000.2
$15,000 to $19,999	5,259	± 502	5	1,051.8
$20,000 to $24,999	4,938	± 470	5	987.6
$25,000 to $29,999	4,619	± 410	5	923.8
$30,000 to $34,999	4,785	± 444	5	957.0
$35,000 to $39,999	4,570	± 488	5	914.0
$40,000 to $44,999	4,378	± 462	5	875.6
$45,000 to $49,999	4,276	± 392	5	855.2
$50,000 to $59,999	8,263	± 581	10	826.3
$60,000 to $74,999	12,319	± 758	15	821.3
$75,000 to $99,999	16,595	± 769	25	663.8
$100,000 to $124,999	13,890	± 811	25	555.6
$125,000 to $149,999	10,012	± 613	25	400.5
$150,000 to $199,999	10,763	± 593	50	215.3
$200,000 or more	8,526	± 502	-	-

Source: 2011-2015 American Community Survey
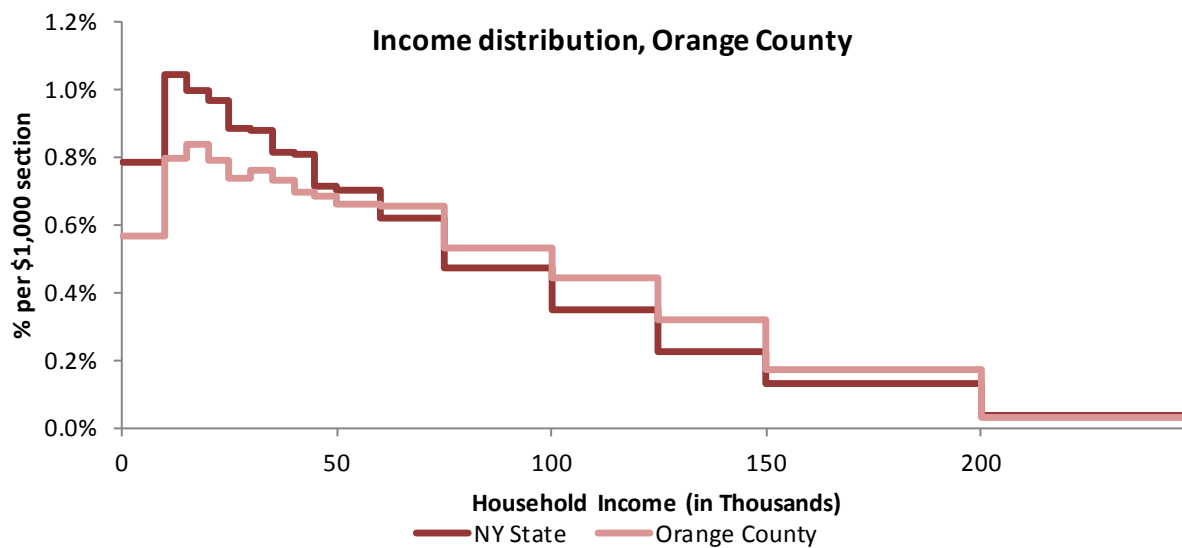
Source: 2011-2015 American Community Survey

11.2 Median household income: Trends over time

Median Household Income ($), Orange County, 2000-2015

Values shown on Estimate line: 53,415 · 52,037 · 52,838 · 53,139 · 54,771 · 61,773 · 63,551 · 64,799 · 70,345 · 68,057 · 65,512 · 65,648 · 65,761 · 68,249 · 69,228 · 71,162

Legend: 90% Confidence interval — Estimate — NY state estimate

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	88,788	± 1,062		
ALL FAMILIES WITH INCOME:				
Below 50 percent of poverty level	3,690	± 386	4.2%	± 0.4
Below 100 percent of poverty level	**8,244**	**± 526**	**9.3%**	**± 0.6**
Below 125 percent of poverty level	10,642	± 592	12.0%	± 0.7
Below 150 percent of poverty level	13,220	± 644	14.9%	± 0.7
Below 185 percent of poverty level	16,763	± 782	18.9%	± 0.9
Below 200 percent of poverty level	18,327	± 850	20.6%	± 0.9
Below 300 percent of poverty level	29,937	± 935	33.7%	± 1.0
Below 400 percent of poverty level	41,749	± 1,014	47.0%	± 1.0
Below 500 percent of poverty level	52,664	± 967	59.3%	± 0.8

Source: 2011-2015 American Community Survey

12.2 Poverty: Trends over time: Count

Number of people in poverty, Orange County, 2000-2015
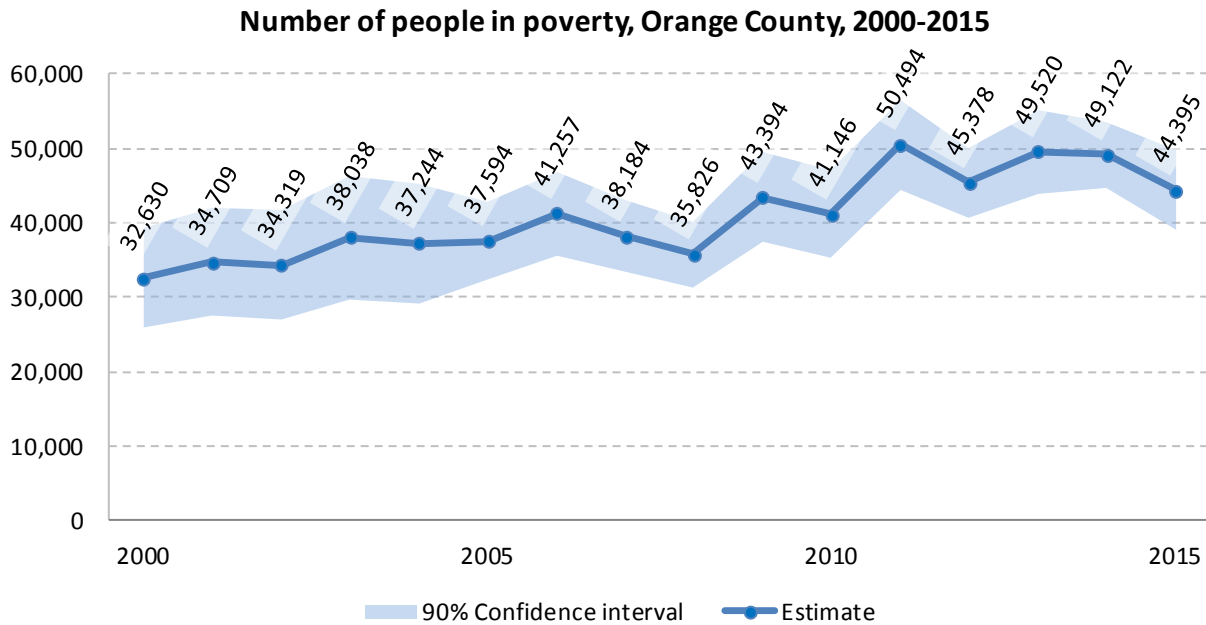
Source: Small Area Income and Poverty Estimates (SAIPE)

12.3 Poverty: Trends over time: Rate

Poverty rate, Orange County, 2000-2015
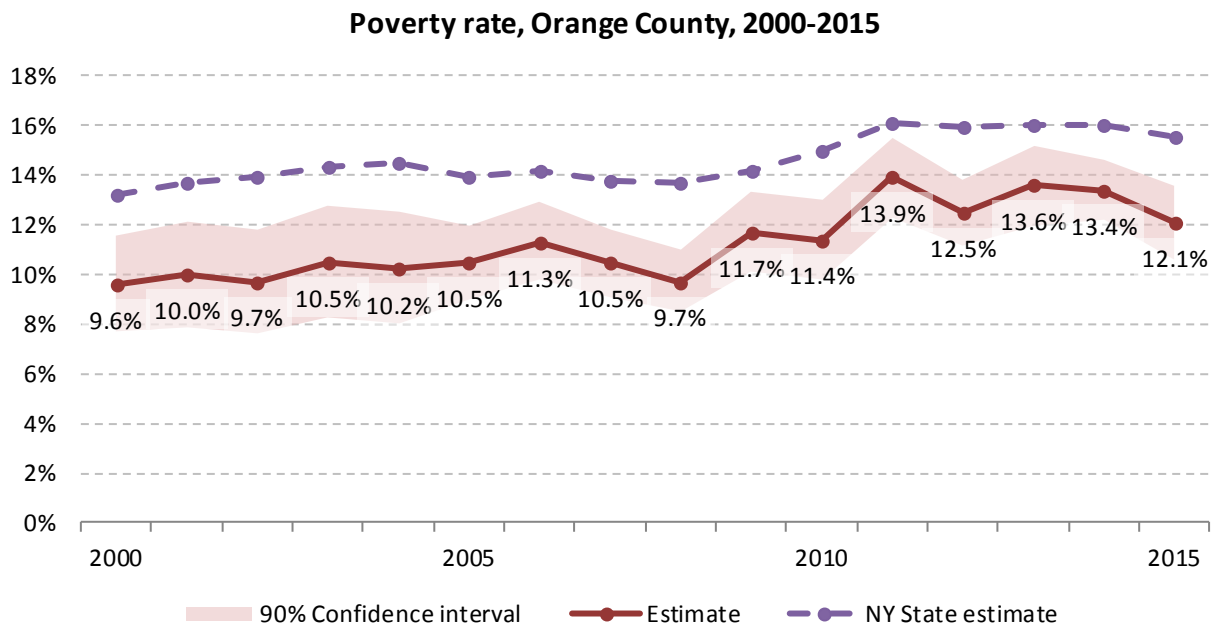
Source: Small Area Income and Poverty Estimates (SAIPE)

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	365,271	± 882	46,731	± 2,375	12.8%	± 0.7
AGE						
Under 18 years	97,697	± 198	19,912	± 1,392	20.4%	± 1.4
Under 5 years	24,793	± 92	6,000	± 559	24.2%	± 2.3
5 to 17 years	72,904	± 183	13,912	± 1,067	19.1%	± 1.5
18 to 34 years	75,788	± 649	10,813	± 784	14.3%	± 1.1
35 to 64 years	147,791	± 367	13,014	± 755	8.8%	± 0.5
65 years and over	43,995	± 258	2,992	± 351	6.8%	± 0.8
SEX						
Male	180,676	± 766	21,428	± 1,218	11.9%	± 0.7
Female	184,595	± 263	25,303	± 1,501	13.7%	± 0.8
RACE AND HISPANIC OR LATINO ORIGIN						
White alone	274,999	± 1,837	31,316	± 1,644	11.4%	± 0.6
Black or African American alone	35,642	± 1,010	6,426	± 863	18.0%	± 2.5
American Indian and Alaska Native alone	1,072	± 325	131	± 78	12.2%	± 6.9
Asian alone	9,462	± 505	602	± 267	6.4%	± 2.9
Hispanic or Latino origin (of any race)	70,130	± 199	11,317	± 1,456	16.1%	± 2.1
White alone, not Hispanic or Latino	243,379	± 610	27,537	± 1,562	11.3%	± 0.6
EDUCATIONAL ATTAINMENT						
Population 25 years and over	232,753	± 542	22,015	± 1,076	9.5%	± 0.5
Less than high school graduate	24,966	± 1,226	6,371	± 593	25.5%	± 2.3
High school graduate (includes equivalency)	67,497	± 1,552	7,747	± 562	11.5%	± 0.8
Some college, associate's degree	71,605	± 1,779	5,412	± 453	7.6%	± 0.6
Bachelor's degree or higher	68,685	± 1,643	2,485	± 377	3.6%	± 0.6
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	184,668	± 1,706	12,333	± 820	6.7%	± 0.4
Employed	171,253	± 1,822	9,144	± 696	5.3%	± 0.4
Male	90,224	± 1,169	4,678	± 449	5.2%	± 0.5
Female	81,029	± 1,161	4,466	± 453	5.5%	± 0.6
Unemployed	13,415	± 770	3,189	± 396	23.8%	± 2.7
Male	7,543	± 427	1,604	± 254	21.3%	± 3.1
Female	5,872	± 606	1,585	± 283	27.0%	± 4.1
WORK EXPERIENCE IN THE PAST 12 MONTHS						
Population 16 years and over	81,029	± 1,161	4,466	± 453	5.5%	± 0.6
Worked full-time, year-round	13,415	± 770	3,189	± 396	23.8%	± 2.7
Worked part-time or part-year	7,543	± 427	1,604	± 254	21.3%	± 3.1
Did not work	5,872	± 606	1,585	± 283	27.0%	± 4.1

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 (t1) and some future time (t2).

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 (t2 - t1) by t1 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

Orange County homepage: http://www.co.orange.ny.us/

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=71
- Community and Regional Development Institute (CaRDI)
  URL: https://cardi.cals.cornell.edu/
- Cornell Cooperative Extensions (CCE)
  Home page: http://www.cce.cornell.edu
  - Orange local office: http://cceorangecounty.org/

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/PST045216/36,36071
  - 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/SF1DP1/0500000US36071
  - 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/DP02/0500000US36071
    - Economic Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP03/0500000US36071
    - Housing Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP04/0500000US36071
    - Demographics Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP05/0500000US36071
  - 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/