

Niagara 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/Niagara.pdf>

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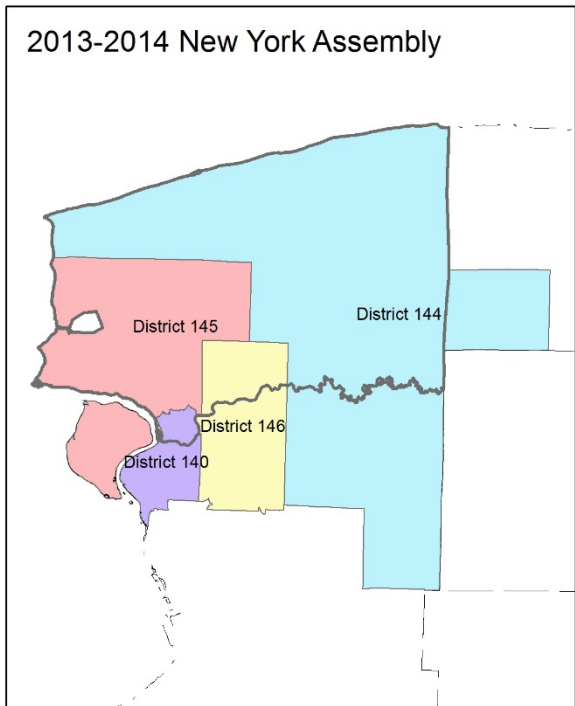
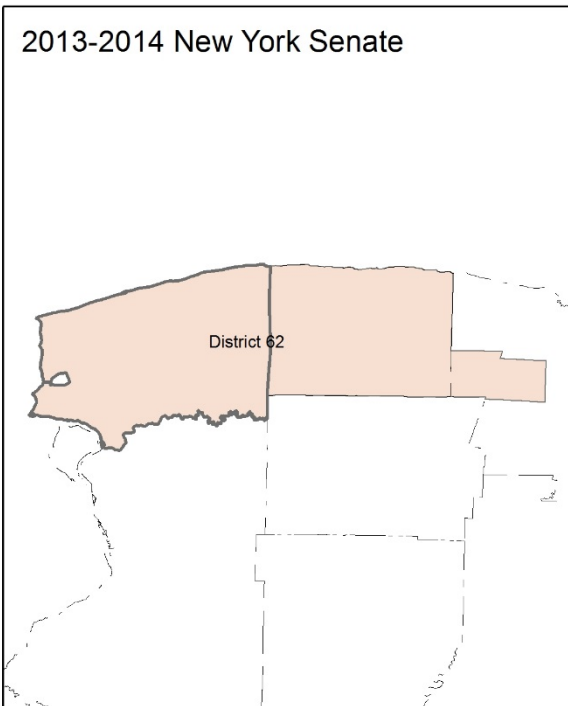
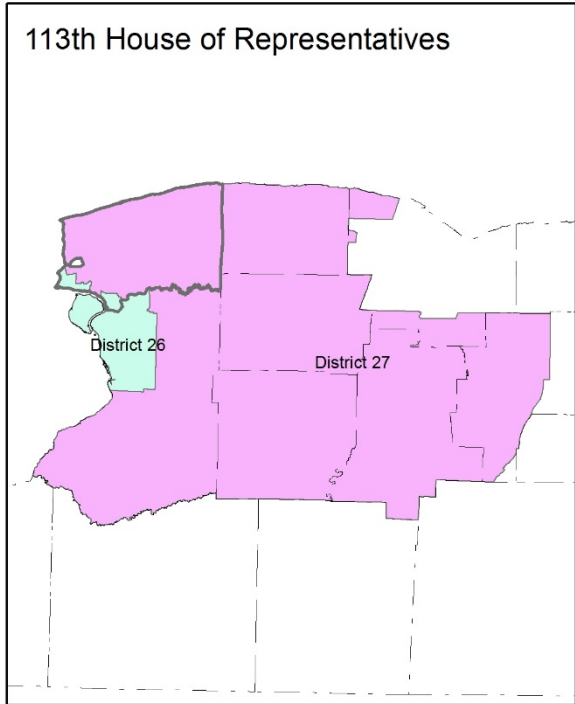
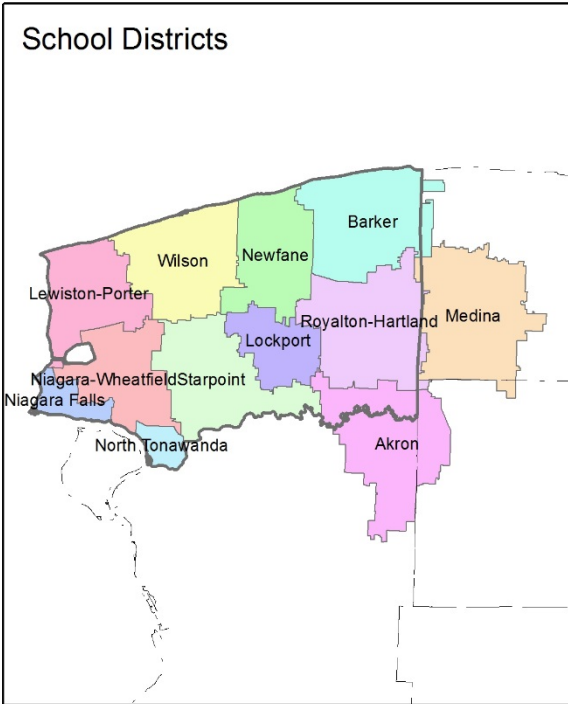
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1 Reference Maps (towns and places as defined in 2010)

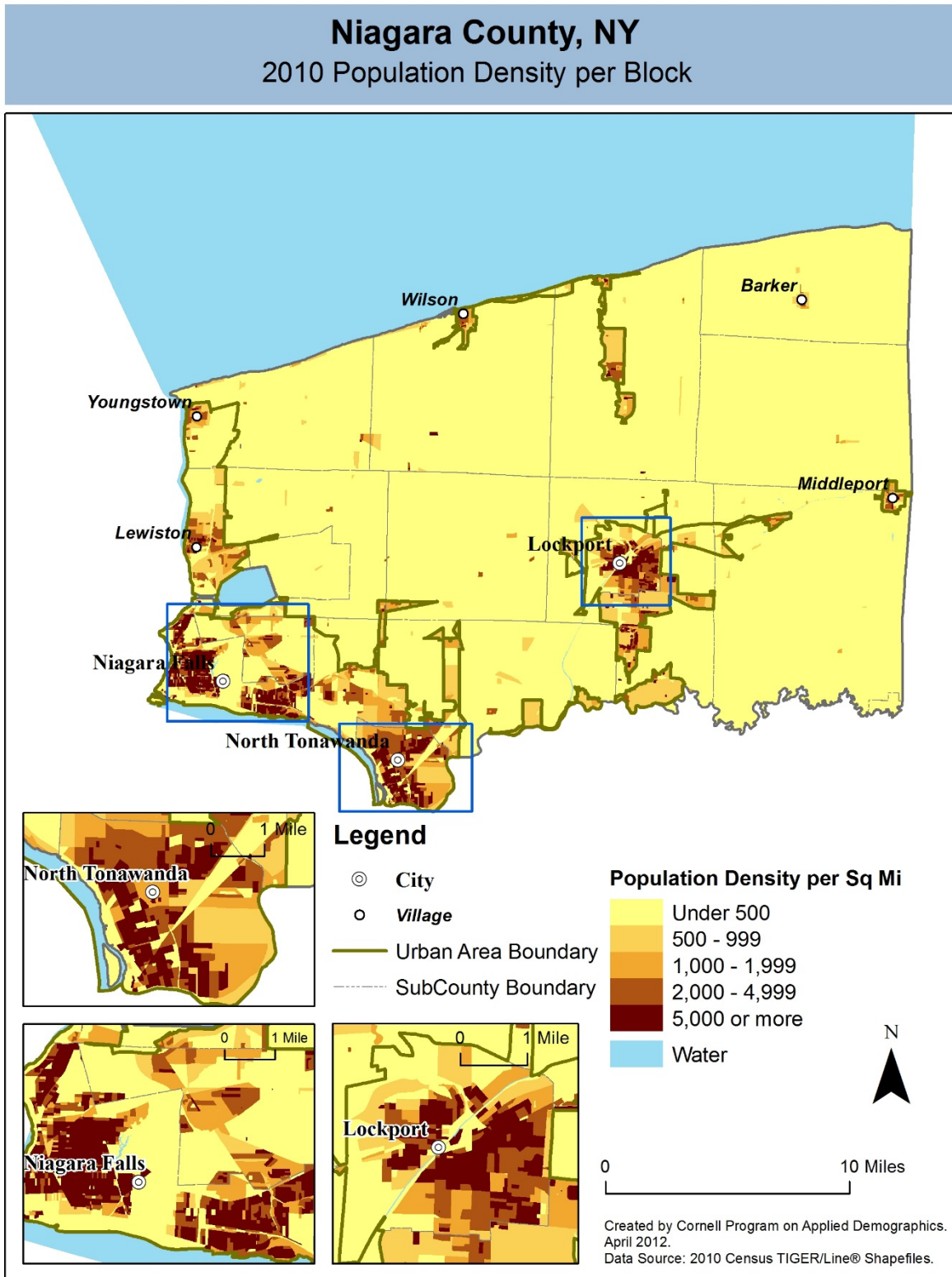


Niagara County, NY

Overlap with School and Political Districts



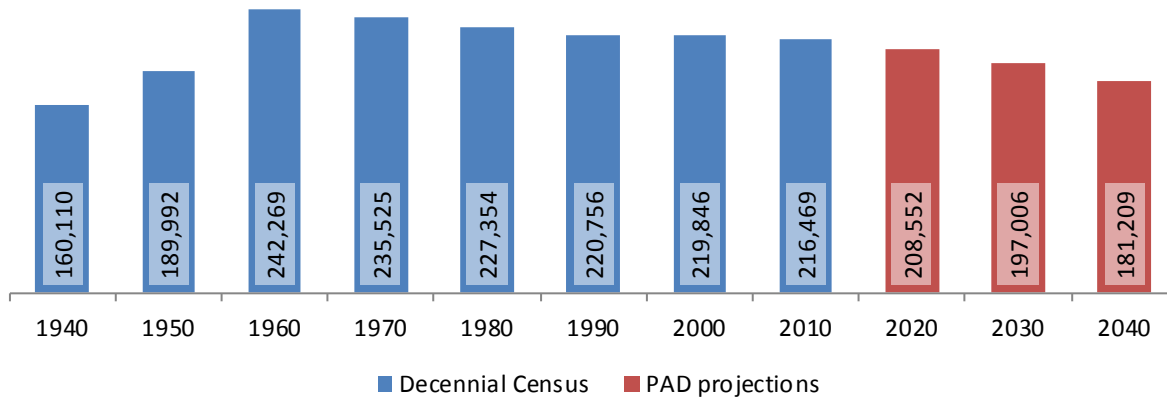
2 Population density and Urban Areas Map



3 Total Population

3.1 Historic and projected

Total population, Niagara County, 1940-2040



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

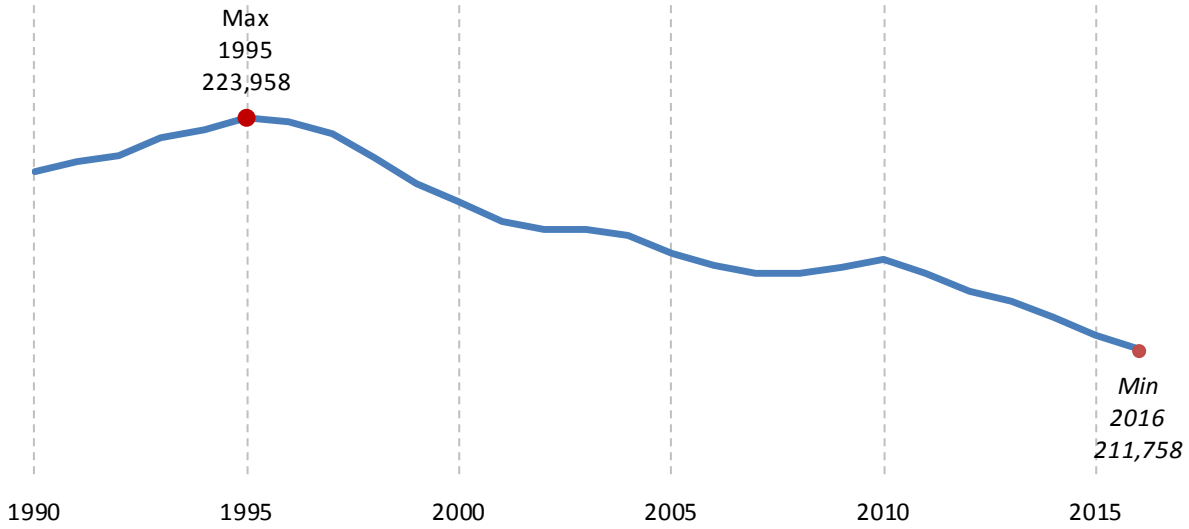
3.2 Change since previous Census

	Total population	Change	
		Number	Percent
Decennial Census	1940	160,110	
	1950	189,992	29,882 18.7%
	1960	242,269	52,277 27.5%
	1970	235,525	-6,744 -2.8%
	1980	227,354	-8,171 -3.5%
	1990	220,756	-6,598 -2.9%
	2000	219,846	-910 -0.4%
	2010	216,469	-3,377 -1.5%
PAD projections	2020	208,552	-7,917 -3.7%
	2030	197,006	-11,546 -5.5%
	2040	181,209	-15,797 -8.0%

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

3.3 Annual population estimates

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



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%
Niagara County	219,846	216,469	-3,377	-1.5%
Cities				
Lockport	22,279	21,165	-1,114	-5.0%
Niagara Falls	55,593	50,193	-5,400	-9.7%
North Tonawanda	33,262	31,568	-1,694	-5.1%
Towns				
Cambria	5,393	5,839	446	8.3%
Hartland	4,165	4,117	-48	-1.2%
Lewiston	16,257	16,262	5	0.0%
Lockport	19,653	20,529	876	4.5%
Newfane	9,657	9,666	9	0.1%
Niagara	8,978	8,378	-600	-6.7%
Pendleton	6,050	6,397	347	5.7%
Porter	6,920	6,771	-149	-2.2%
Royalton	7,710	7,660	-50	-0.6%
Somerset	2,865	2,662	-203	-7.1%
Wheatfield	14,086	18,117	4,031	28.6%
Wilson	5,840	5,993	153	2.6%
Reservations				
Tonawanda	0	0	0	-
Tuscarora	1,138	1,152	14	1.2%

* 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

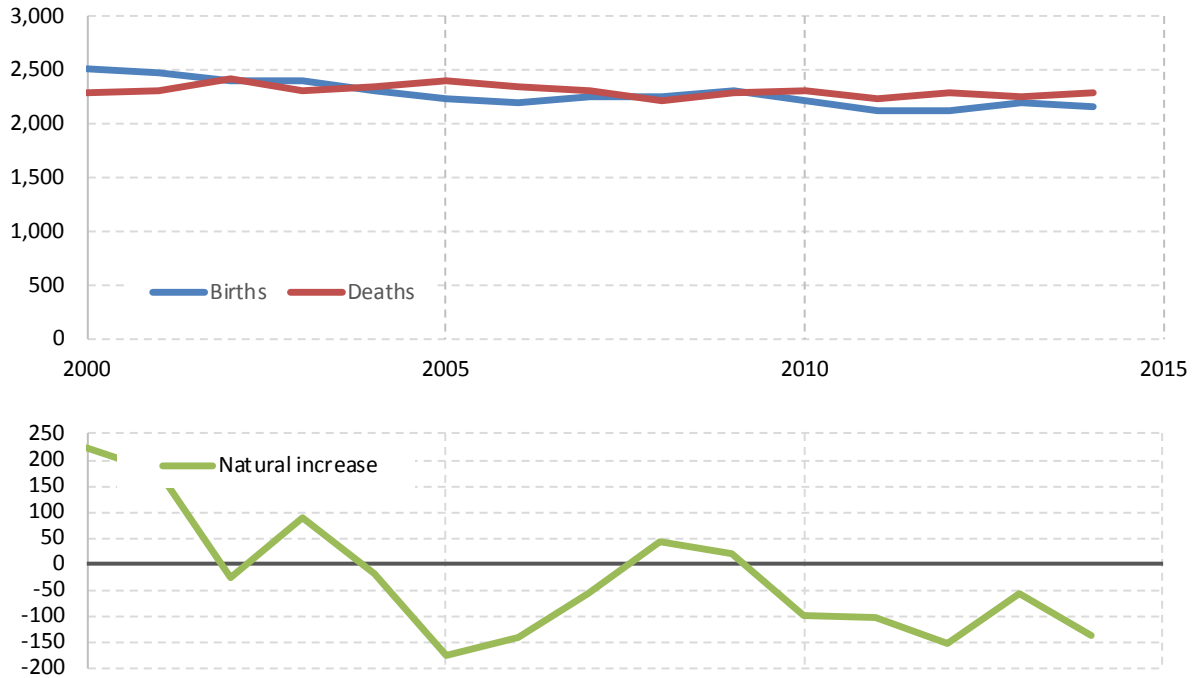
	Total Population		Difference	
	2010 base	2015	Count	%
New York State	19,378,087	19,795,791	417,704	2.2%
Niagara County	216,487	212,652	-3,835	-1.8%
Cities				
Lockport	21,187	20,624	-563	-2.7%
Niagara Falls	50,173	48,916	-1,257	-2.5%
North Tonawanda	31,574	30,785	-789	-2.5%
Towns				
Cambria	5,847	5,802	-45	-0.8%
Hartland	4,115	4,028	-87	-2.1%
Lewiston	16,254	16,051	-203	-1.2%
Lockport	20,500	20,177	-323	-1.6%
Newfane	9,669	9,410	-259	-2.7%
Niagara	8,401	8,131	-270	-3.2%
Pendleton	6,396	6,604	208	3.3%
Porter	6,771	6,632	-139	-2.1%
Royalton	7,684	7,567	-117	-1.5%
Somerset	2,662	2,591	-71	-2.7%
Wheatfield	18,117	18,315	198	1.1%
Wilson	5,985	5,869	-116	-1.9%
Reservations				
Tonawanda	0	0	0	-
Tuscarora Nation	1,152	1,150	-2	-0.2%

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

4 Components of population change

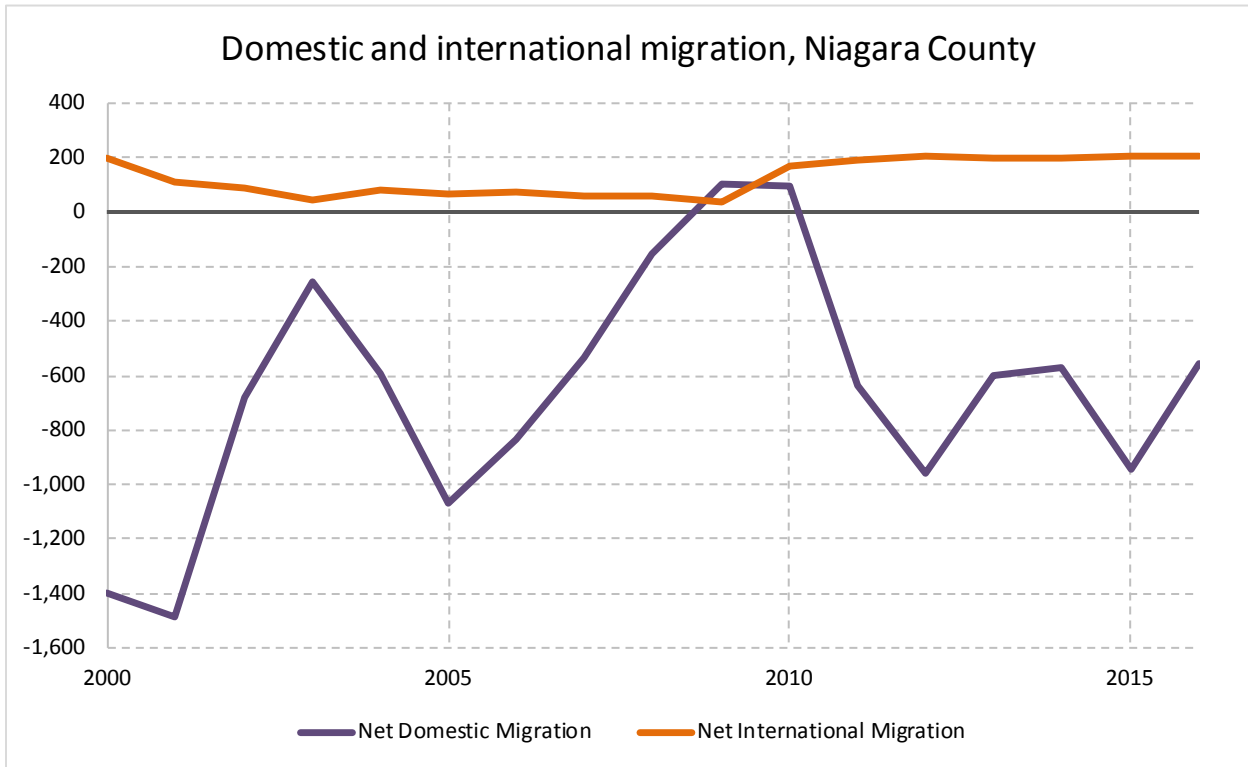
4.1 Vital Statistics

Vital Statistics, Niagara County



Source: New York State Department of Health

4.2 Migration

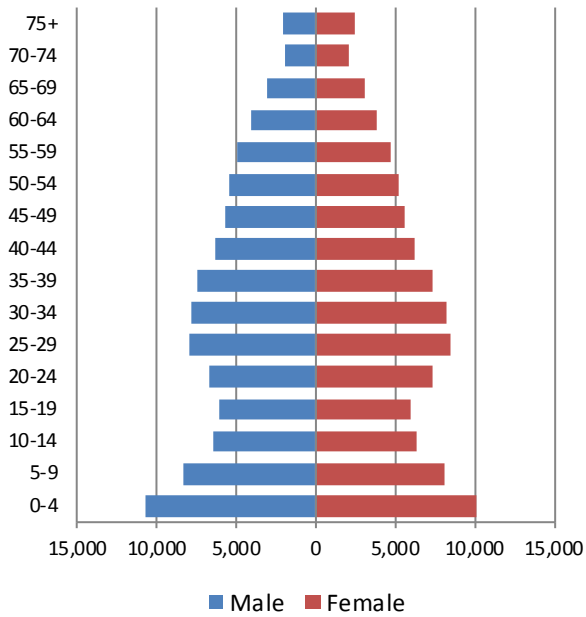


Source: Census Bureau population estimates (V2010 and V2016)

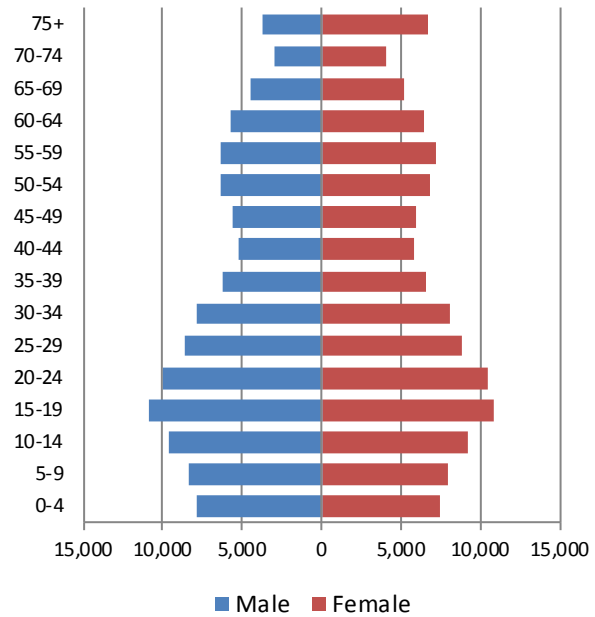
5 Population by age

5.1 Historic and projected population pyramids

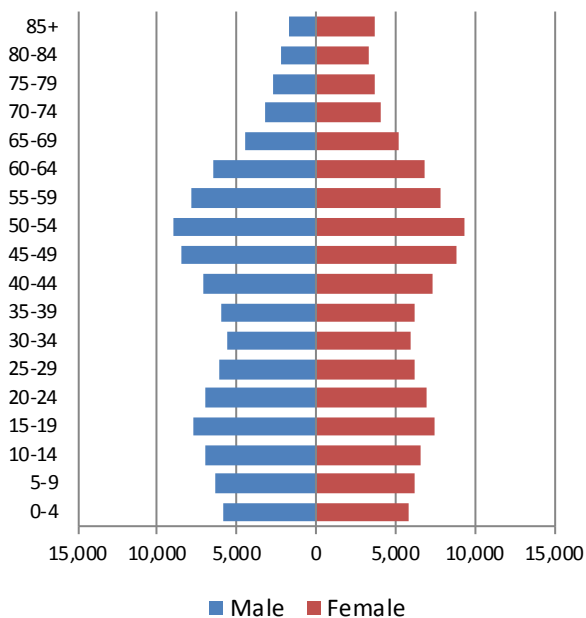
1950 Population Pyramid, Niagara County



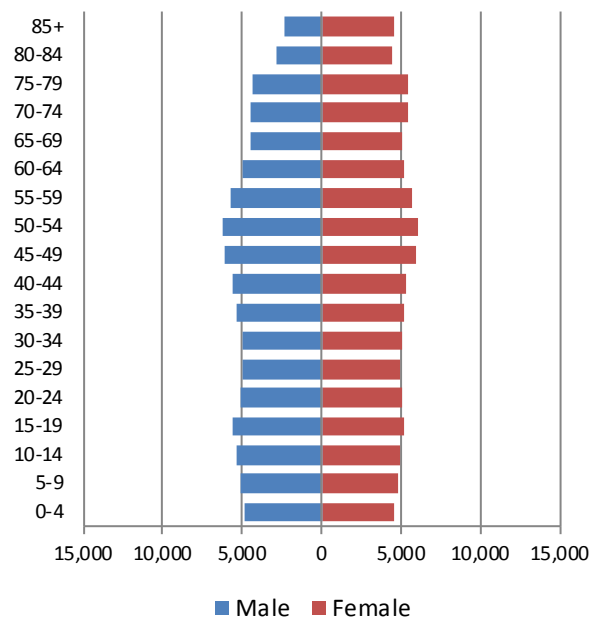
1980 Population Pyramid, Niagara County



2010 Population Pyramid, Niagara County



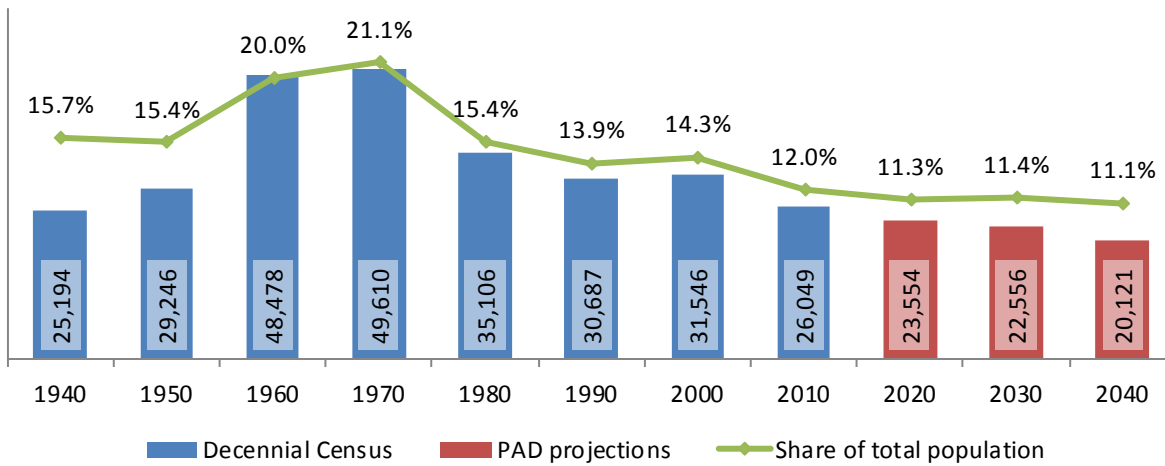
2040 Population Pyramid, Niagara County



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

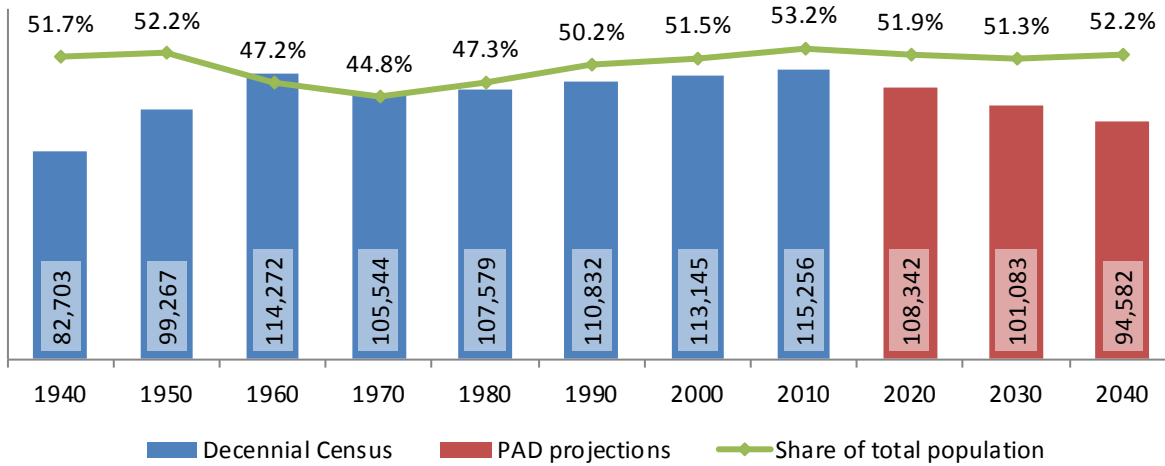
5.2 Selected age groups

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



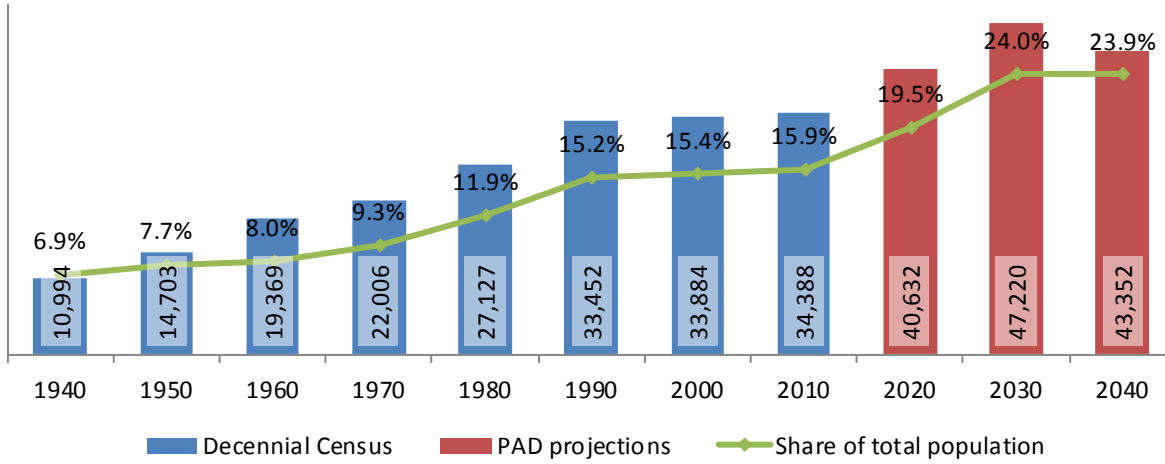
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

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



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

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



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

5.3 Median age

	Niagara County	New York State
Median age		
2000	38.2	35.9
2010	41.9	38.0
2015	43.1	38.3

Source: 2000, 2010 Decennial Census, 2015 Population Estimates

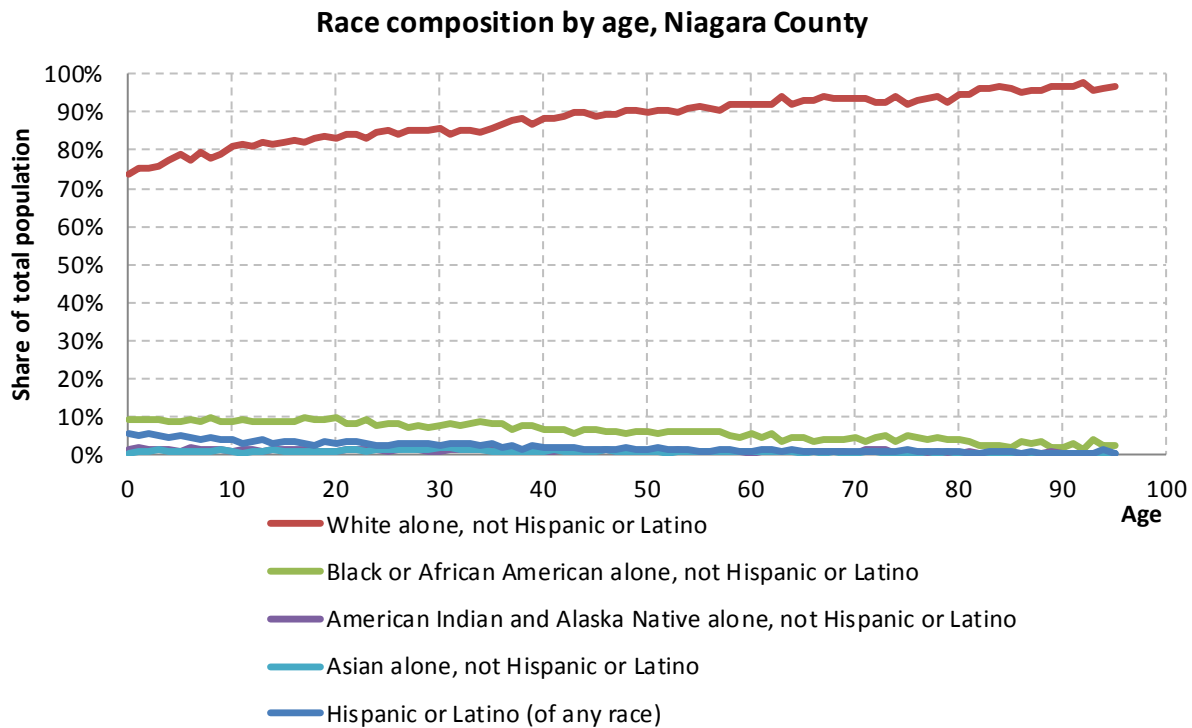
6 Race

6.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
Total population	216,469	100%	212,150	100%	4,319
Not Hispanic or Latino					
One race					
White	188,907	87.3%	185,330	87.4%	3,577
Black or African American	14,511	6.7%	13,999	6.6%	512
American Indian and Alaska Native	2,135	1.0%	2,102	1.0%	33
Asian	1,807	0.8%	1,778	0.8%	29
Native Hawaiian and Other Pacific Islander	55	0.0%	-	-	-
Some other race	185	0.1%	182	0.1%	3
Two or more races	4,175	1.9%	4,123	1.9%	52
Hispanic or Latino (of any race)	4,694	2.2%	4,581	2.2%	113

Source: 2010 Decennial Census

6.2 Race composition by age



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	99,170	± 193	100.0%	
Occupied housing units	87,807	± 746	88.5%	± 0.7
Vacant housing units	11,363	± 738	11.5%	± 0.7
YEAR STRUCTURE BUILT				
Total housing units	99,170	± 193	100.0%	
Built 2014 or later	34	± 36	0.0%	± 0.1
Built 2010 to 2013	811	± 181	0.8%	± 0.2
Built 2000 to 2009	5,662	± 477	5.7%	± 0.5
Built 1990 to 1999	7,799	± 441	7.9%	± 0.4
Built 1980 to 1989	6,948	± 443	7.0%	± 0.4
Built 1970 to 1979	10,130	± 526	10.2%	± 0.5
Built 1960 to 1969	8,435	± 480	8.5%	± 0.5
Built 1950 to 1959	17,463	± 737	17.6%	± 0.7
Built 1940 to 1949	8,810	± 615	8.9%	± 0.6
Built 1939 or earlier	33,078	± 835	33.4%	± 0.8
HOUSING TENURE				
Occupied housing units	87,807	± 746	100.0%	
Owner-occupied	62,294	± 749	70.9%	± 0.8
Renter-occupied	25,513	± 791	29.1%	± 0.8
HOUSE HEATING FUEL				
Occupied housing units	87,807	± 746	100.0%	
Utility gas	68,259	± 899	77.7%	± 0.9
Bottled, tank, or LP gas	4,510	± 394	5.1%	± 0.4
Electricity	7,266	± 579	8.3%	± 0.6
Fuel oil, kerosene, etc.	5,556	± 405	6.3%	± 0.5
Coal or coke	82	± 69	0.1%	± 0.1
Wood	1,542	± 195	1.8%	± 0.2
Solar energy	15	± 23	0.0%	± 0.1
Other fuel	393	± 109	0.4%	± 0.1
No fuel used	184	± 74	0.2%	± 0.1
VALUE				
Owner-occupied units	62,294	± 749	100.0%	
Less than \$50,000	7,679	± 412	12.3%	± 0.7
\$50,000 to \$99,999	20,772	± 697	33.3%	± 1.0
\$100,000 to \$149,999	14,424	± 640	23.2%	± 1.0
\$150,000 to \$199,999	9,927	± 583	15.9%	± 0.9
\$200,000 to \$299,999	6,671	± 414	10.7%	± 0.7
\$300,000 to \$499,999	1,879	± 239	3.0%	± 0.4
\$500,000 to \$999,999	738	± 143	1.2%	± 0.2
\$1,000,000 or more	204	± 92	0.3%	± 0.1
Median (dollars)	108,000	± 1,702		

Source: 2011-2015 American Community Survey

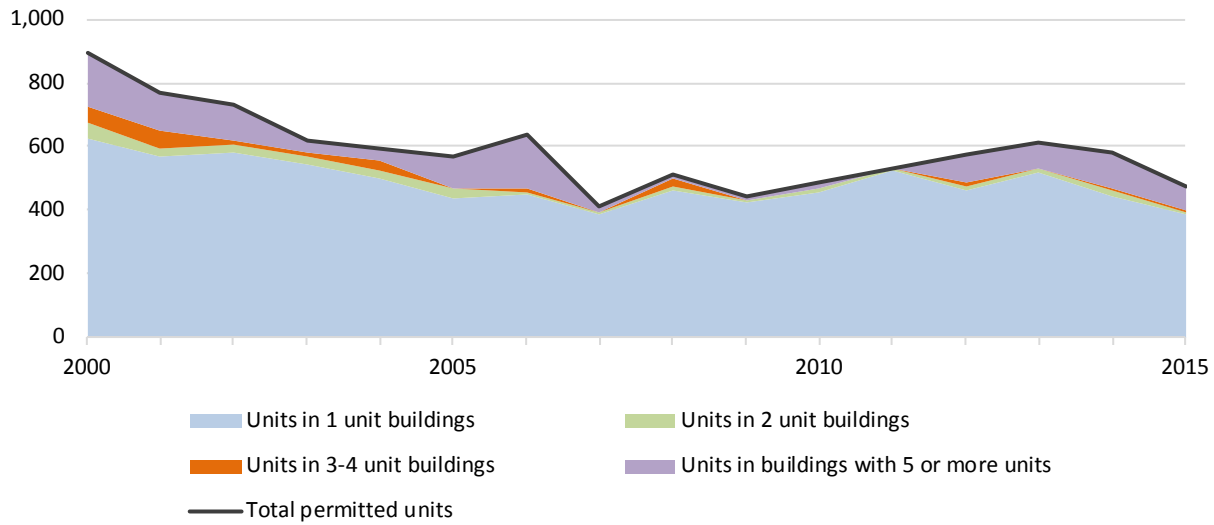
7.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	74,695		71,881	96.2%	2,814
1980	85,209	14.1%	80,258	94.2%	4,951
1990	90,385	6.1%	84,809	93.8%	5,576
2000	95,715	5.9%	87,846	91.8%	7,869
2010	99,120	3.6%	90,556	91.4%	8,564

Source: 1970-2010 Decennial Census

7.3 Building Permits 2000-2015

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



Source: Census Bureau Building Permits Survey

8 Education

8.1 Enrollment by level of school

	Estimate	Margin of error
Total enrolled in school	49,484	± 707
Nursery school, preschool	2,734	± 330
Kindergarten to 12th grade	33,286	± 248
Kindergarten	2,093	± 316
Elementary: grade 1 to grade 4	9,913	± 465
Elementary: grade 5 to grade 8	10,496	± 550
High school: grade 9 to grade 12	10,784	± 361
College, undergraduate	11,542	± 613
Graduate, professional school	1,922	± 219

Source: 2011-2015 American Community Survey

8.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	53.6%	± 5.3
5 to 9 years	98.3%	± 0.7
10 to 14 years	98.6%	± 0.7
15 to 17 years	97.9%	± 1.0
18 and 19 years	77.0%	± 3.8
20 to 24 years	39.2%	± 2.5
25 to 34 years	11.1%	± 1.4
35 years and over	1.7%	± 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	19,730	± 146
Enrolled in college or graduate school	43.9%	± 2.3
Males 18 to 24 years	9,902	± 97
Enrolled in college or graduate school	40.7%	± 3.3
Females 18 to 24 years	9,828	± 107
Enrolled in college or graduate school	47.2%	± 3.2

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	150,210	± 147	100%	
EDUCATIONAL ATTAINMENT				
Less than 9th grade	3,997	± 402	2.7%	± 0.3
9th to 12th grade, no diploma	10,329	± 684	6.9%	± 0.5
High school graduate (includes equivalency)	52,737	± 1,069	35.1%	± 0.7
Some college, no degree	30,411	± 1,100	20.2%	± 0.7
Associate's degree	17,816	± 767	11.9%	± 0.5
Bachelor's degree	20,390	± 826	13.6%	± 0.5
Graduate or professional degree	14,530	± 699	9.7%	± 0.5
Percent high school graduate or higher			90.5%	± 0.5
Percent bachelor's degree or higher			23.2%	± 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	202,941	± 8	100%			
LANGUAGE SPOKEN AT HOME						
English only	194,680	± 679	95.9%	± 0.3		
Language other than English	8,261	± 678	4.1%	± 0.3	2,801	± 347
Spanish	2,358	± 318	1.2%	± 0.2	741	± 178
Other Indo-European languages	4,183	± 572	2.1%	± 0.3	1,025	± 234
Asian and Pacific Islander languages	1,221	± 253	0.6%	± 0.1	764	± 228
Other languages	499	± 197	0.2%	± 0.1	271	± 152

Source: 2011-2015 American Community Survey

10 Labor Force Characteristics

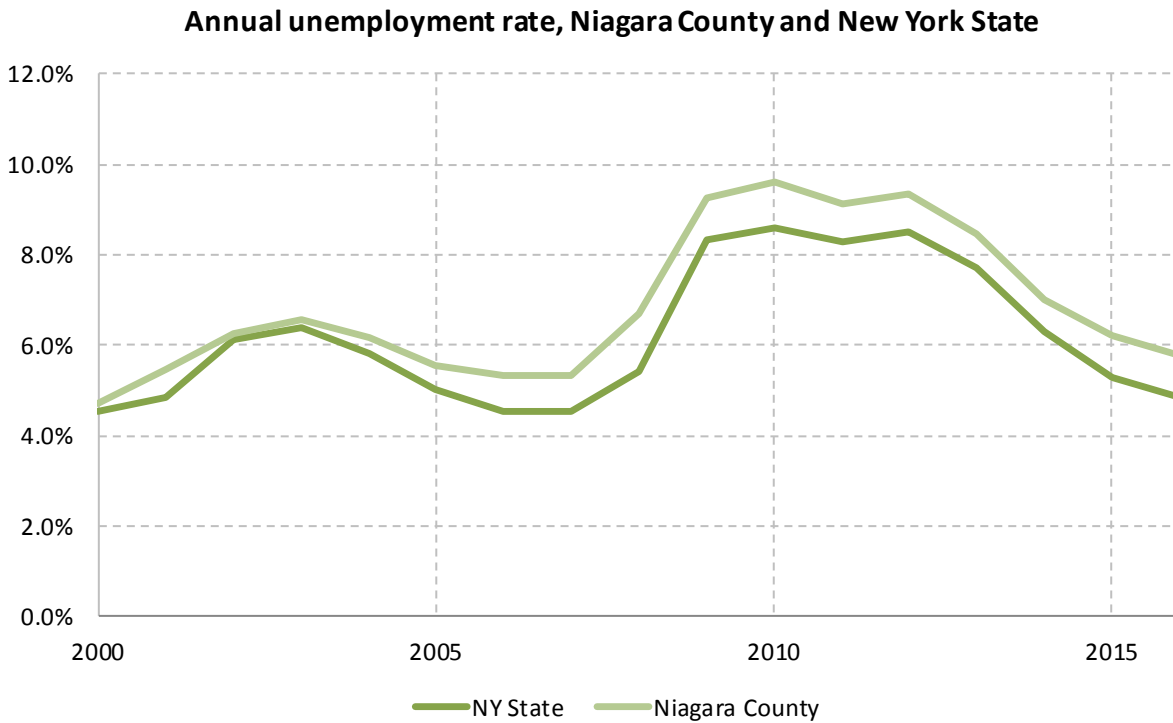
10.1 Labor force, employment and unemployment

	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	175,463	± 296	62.2%	± 0.6	57.4%	± 0.7	7.6%	± 0.5
AGE								
16 to 19 years	10,944	± 325	45.0%	± 3.6	35.1%	± 3.4	21.9%	± 4.0
20 to 24 years	14,309	± 149	79.1%	± 2.1	70.0%	± 2.7	11.2%	± 2.1
25 to 29 years	12,906	± 144	84.7%	± 2.4	75.0%	± 2.7	11.1%	± 2.2
30 to 34 years	12,064	± 114	84.6%	± 2.1	77.3%	± 2.8	8.2%	± 1.8
35 to 44 years	24,739	± 191	82.6%	± 1.6	78.4%	± 1.7	4.8%	± 1.0
45 to 54 years	32,887	± 127	80.4%	± 1.4	75.2%	± 1.6	6.3%	± 1.0
55 to 59 years	17,260	± 661	72.2%	± 2.0	68.0%	± 2.1	5.9%	± 1.2
60 to 64 years	14,261	± 664	51.2%	± 2.5	49.7%	± 2.5	3.0%	± 1.1
65 to 74 years	19,299	± 72	21.2%	± 1.5	20.0%	± 1.6	5.3%	± 1.8
75 years and over	16,794	± 58	6.4%	± 1.1	6.2%	± 1.1	3.8%	± 2.5
RACE AND HISPANIC OR LATINO ORIGIN								
White alone	157,362	± 404	62.8%	± 0.7	58.3%	± 0.7	7.0%	± 0.6
Black or African American alone	11,661	± 259	56.1%	± 3.2	48.8%	± 3.3	13.0%	± 2.8
American Indian and Alaska Native alone	1,603	± 168	59.0%	± 6.7	46.1%	± 7.0	21.9%	± 8.1
Asian alone	1,913	± 194	58.4%	± 7.5	53.6%	± 7.9	8.2%	± 5.0
Two or more races	1,976	± 329	62.0%	± 6.4	55.3%	± 7.5	10.9%	± 5.8
Hispanic or Latino origin (of any race)	3,538	± 59	59.7%	± 4.5	51.5%	± 5.4	13.2%	± 5.8
White alone, not Hispanic or Latino	155,278	± 301	62.9%	± 0.7	58.4%	± 0.7	6.9%	± 0.6
SEX								
Population 20 to 64 years	128,426	± 125	77.2%	± 0.8	71.6%	± 0.9	7.0%	± 0.5
Male	63,345	± 100	80.6%	± 1.1	74.5%	± 1.1	7.2%	± 0.6
Female	65,081	± 72	73.8%	± 1.1	68.8%	± 1.2	6.8%	± 0.8
With own children under 18 years	21,095	± 578	78.4%	± 2.0	72.5%	± 2.1	7.5%	± 1.2
EDUCATIONAL ATTAINMENT								
Population 25 to 64 years	114,117	± 156	76.9%	± 0.8	71.8%	± 0.9	6.4%	± 0.5
Less than high school graduate	7,760	± 558	49.7%	± 3.6	41.3%	± 3.7	16.9%	± 4.1
High school graduate (includes equivalency)	37,198	± 877	71.6%	± 1.6	65.8%	± 1.6	8.0%	± 1.0
Some college or associate's degree	40,360	± 984	80.2%	± 1.3	75.2%	± 1.5	6.0%	± 0.8
Bachelor's degree or higher	28,799	± 974	86.6%	± 1.4	83.0%	± 1.5	3.8%	± 0.9

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

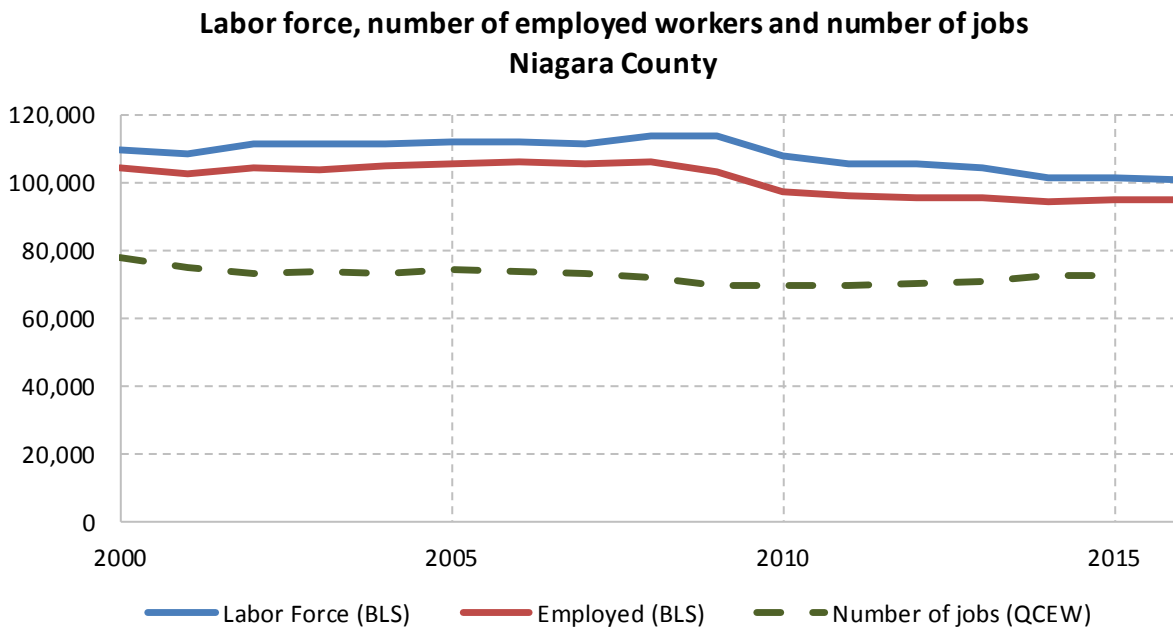
Source: 2011-2015 American Community Survey

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	100,718	51.2%	48.8%
	<i>Margin of error</i>	$\pm 1,234$	± 0.6	± 0.6
Private for-profit wage and salary workers:	Estimate	73,850	54.5%	45.5%
	<i>Margin of error</i>	$\pm 1,276$	± 0.8	± 0.8
Employee of private company workers	Estimate	71,194	53.7%	46.3%
	<i>Margin of error</i>	$\pm 1,285$	± 0.9	± 0.9
Self-employed in own incorporated business workers	Estimate	2,656	74.5%	25.5%
	<i>Margin of error</i>	± 326	± 5.3	± 5.3
Private not-for-profit wage and salary workers	Estimate	8,685	29.6%	70.4%
	<i>Margin of error</i>	± 612	± 3.1	± 3.1
Local government workers	Estimate	8,283	39.7%	60.3%
	<i>Margin of error</i>	± 622	± 3.8	± 3.8
State government workers	Estimate	3,879	46.1%	53.9%
	<i>Margin of error</i>	± 376	± 4.7	± 4.7
Federal government workers	Estimate	1,863	63.6%	36.4%
	<i>Margin of error</i>	± 293	± 6.0	± 6.0
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	4,158	59.7%	40.3%
	<i>Margin of error</i>	± 464	± 5.4	± 5.4

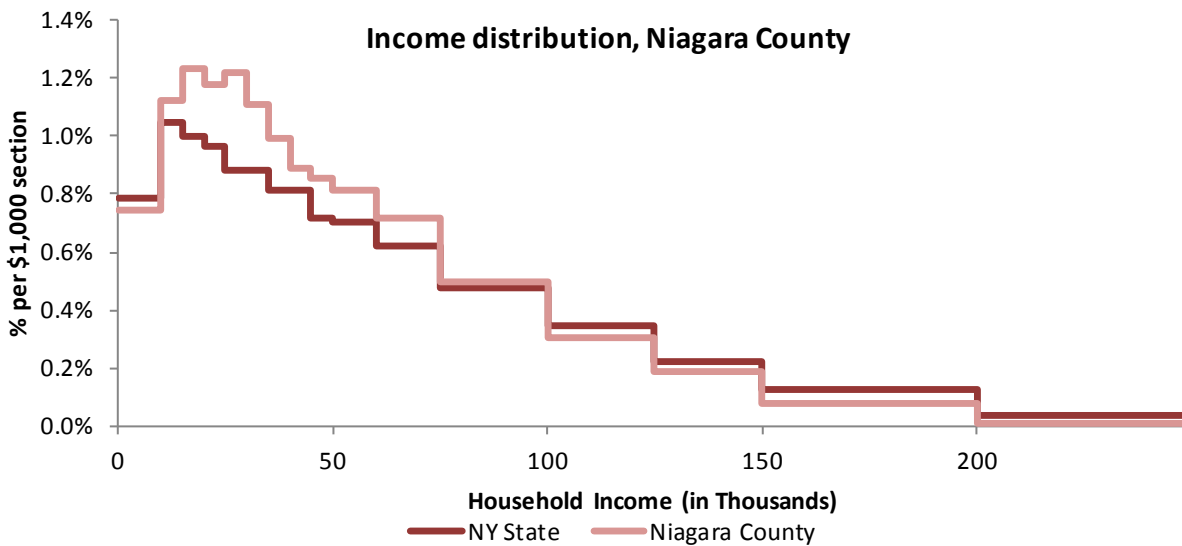
Source: 2011-2015 American Community Survey

11 Household Income

11.1 Income Distribution

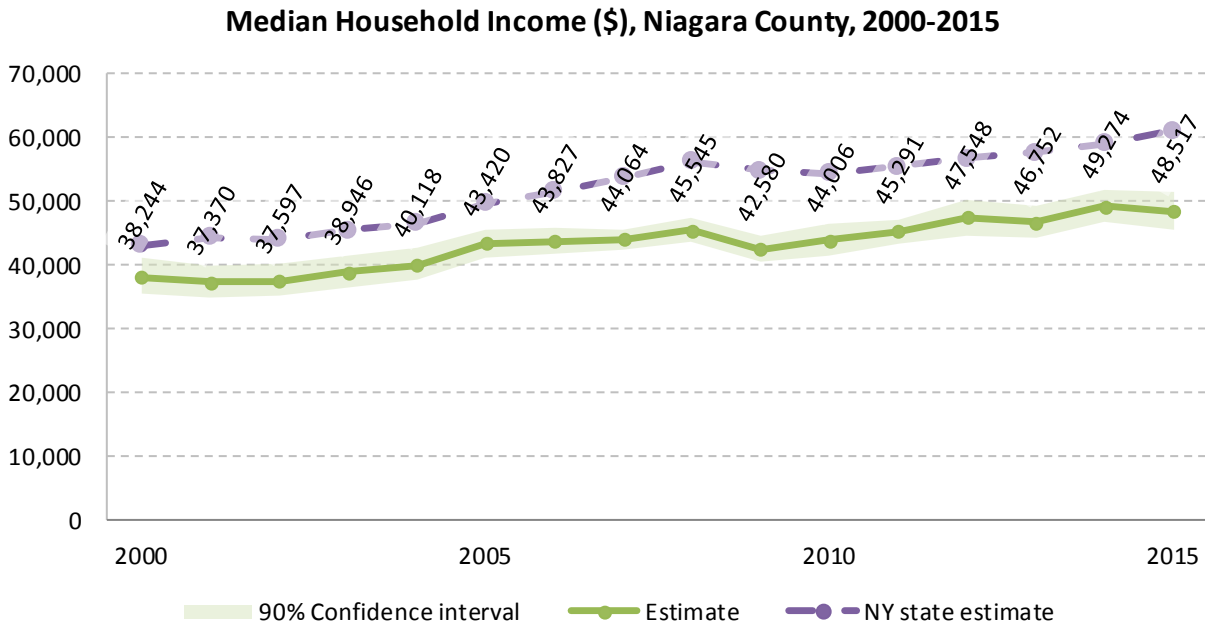
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
Total:	87,807	± 746		
Less than \$10,000	6,509	± 520	10	650.9
\$10,000 to \$14,999	4,930	± 413	5	986.0
\$15,000 to \$19,999	5,407	± 428	5	1,081.4
\$20,000 to \$24,999	5,158	± 451	5	1,031.6
\$25,000 to \$29,999	5,362	± 492	5	1,072.4
\$30,000 to \$34,999	4,873	± 467	5	974.6
\$35,000 to \$39,999	4,344	± 374	5	868.8
\$40,000 to \$44,999	3,900	± 385	5	780.0
\$45,000 to \$49,999	3,764	± 327	5	752.8
\$50,000 to \$59,999	7,140	± 481	10	714.0
\$60,000 to \$74,999	9,424	± 574	15	628.3
\$75,000 to \$99,999	10,973	± 553	25	438.9
\$100,000 to \$124,999	6,623	± 498	25	264.9
\$125,000 to \$149,999	4,199	± 389	25	168.0
\$150,000 to \$199,999	3,351	± 367	50	67.0
\$200,000 or more	1,850	± 255	-	-

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)

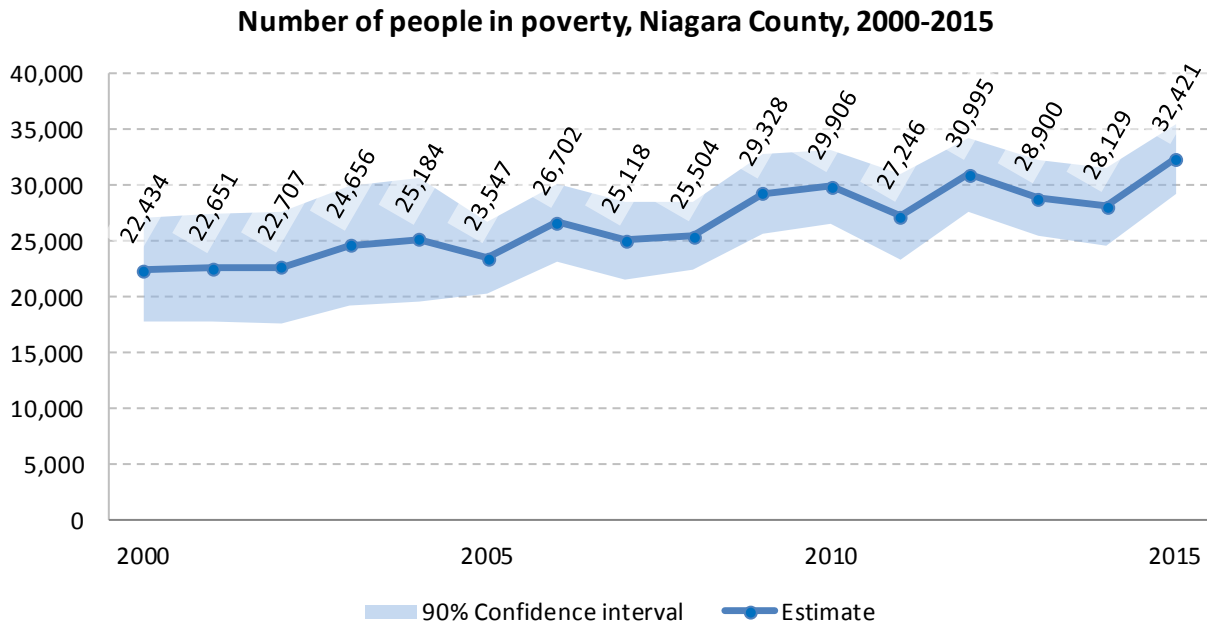
12 Poverty

12.1 Family Income to Poverty Ratio

	TOTAL		PERCENT OF ALL	
	Estimate	Margin of error	Estimate	Margin of error
All families	54,832	± 771		
ALL FAMILIES WITH INCOME:				
Below 50 percent of poverty level	2,085	± 324	3.8%	± 0.6
Below 100 percent of poverty level	5,369	± 473	9.8%	± 0.9
Below 125 percent of poverty level	7,314	± 538	13.3%	± 1.0
Below 150 percent of poverty level	9,158	± 548	16.7%	± 1.0
Below 185 percent of poverty level	12,116	± 595	22.1%	± 1.0
Below 200 percent of poverty level	13,319	± 652	24.3%	± 1.1
Below 300 percent of poverty level	22,187	± 740	40.5%	± 1.2
Below 400 percent of poverty level	31,165	± 820	56.8%	± 1.3
Below 500 percent of poverty level	39,095	± 808	71.3%	± 1.1

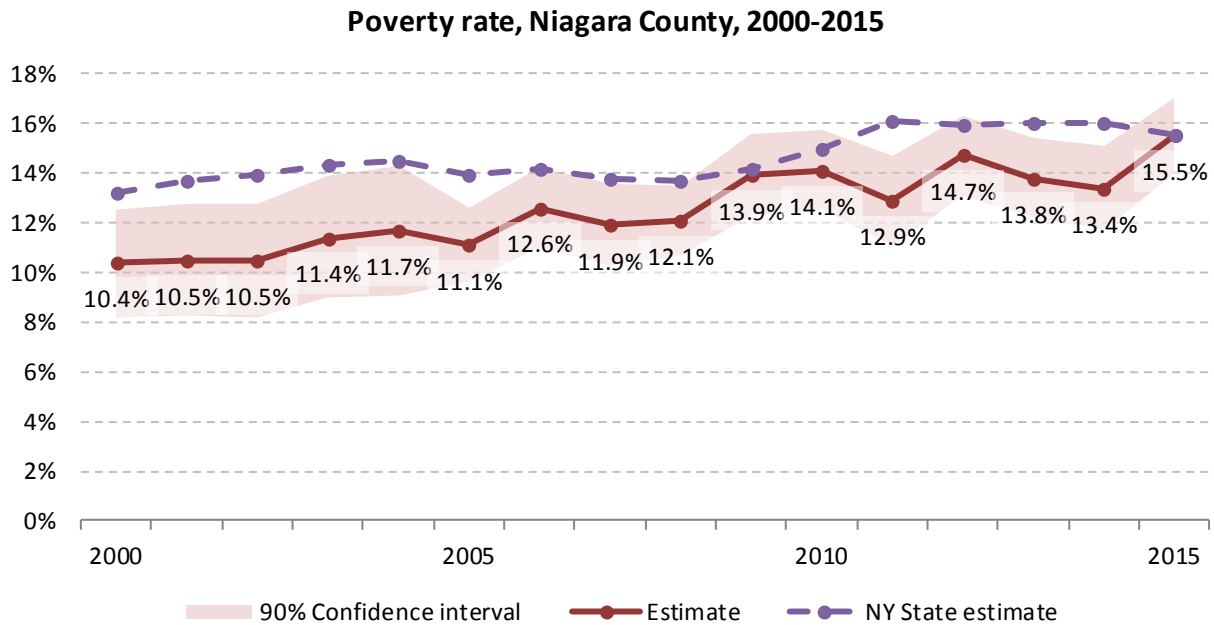
Source: 2011-2015 American Community Survey

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	210,195	± 427	28,816	± 1,550	13.7%	± 0.7
AGE						
Under 18 years	43,495	± 211	8,646	± 749	19.9%	± 1.7
Under 5 years	10,964	± 104	2,780	± 316	25.4%	± 2.9
5 to 17 years	32,531	± 190	5,866	± 600	18.0%	± 1.8
18 to 34 years	42,966	± 294	7,638	± 626	17.8%	± 1.4
35 to 64 years	88,906	± 141	9,448	± 663	10.6%	± 0.7
65 years and over	34,828	± 180	3,084	± 344	8.9%	± 1.0
SEX						
Male	102,615	± 291	12,569	± 816	12.2%	± 0.8
Female	107,580	± 270	16,247	± 999	15.1%	± 0.9
RACE AND HISPANIC OR LATINO ORIGIN						
White alone	184,969	± 575	20,033	± 1,393	10.8%	± 0.8
Black or African American alone	15,505	± 444	6,173	± 665	39.8%	± 3.9
American Indian and Alaska Native alone	2,017	± 240	623	± 199	30.9%	± 7.6
Asian alone	2,448	± 265	324	± 141	13.2%	± 5.7
Hispanic or Latino origin (of any race)	5,183	± 84	1,397	± 299	27.0%	± 5.8
White alone, not Hispanic or Latino	181,946	± 395	19,458	± 1,328	10.7%	± 0.7
EDUCATIONAL ATTAINMENT						
Population 25 years and over	148,587	± 252	16,482	± 871	11.1%	± 0.6
Less than high school graduate	13,940	± 728	3,496	± 450	25.1%	± 2.8
High school graduate (includes equivalency)	51,932	± 1,074	6,407	± 527	12.3%	± 0.9
Some college, associate's degree	47,952	± 1,221	4,931	± 465	10.3%	± 0.9
Bachelor's degree or higher	34,763	± 1,111	1,648	± 252	4.7%	± 0.7
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	108,460	± 1,115	8,741	± 700	8.1%	± 0.6
Employed	100,253	± 1,266	6,148	± 528	6.1%	± 0.5
Male	51,377	± 887	2,186	± 289	4.3%	± 0.5
Female	48,876	± 815	3,962	± 396	8.1%	± 0.8
Unemployed	8,207	± 557	2,593	± 406	31.6%	± 4.4
Male	4,396	± 371	1,354	± 259	30.8%	± 5.4
Female	3,811	± 365	1,239	± 261	32.5%	± 5.3
WORK EXPERIENCE IN THE PAST 12 MONTHS						
Population 16 years and over	48,876	± 815	3,962	± 396	8.1%	± 0.8
Worked full-time, year-round	8,207	± 557	2,593	± 406	31.6%	± 4.4
Worked part-time or part-year	4,396	± 371	1,354	± 259	30.8%	± 5.4
Did not work	3,811	± 365	1,239	± 261	32.5%	± 5.3

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

Niagara County homepage: <http://niagaracounty.com/>

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=63>
- Community and Regional Development Institute (CaRDI)
URL: <https://cardi.cals.cornell.edu/>
- Cornell Cooperative Extensions (CCE)
Home page: <http://www.cce.cornell.edu>
 - Niagara local office: <http://www.ccenigaracounty.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/PST045216/36,36063>
 - 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/SF1DP1/0500000US360633
 - 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/DP02/0500000US36063
 - Economic Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP03/0500000US36063
 - Housing Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP04/0500000US36063
 - Demographics Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP05/0500000US36063
 - 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/>