

Essex

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/Essex.pdf>

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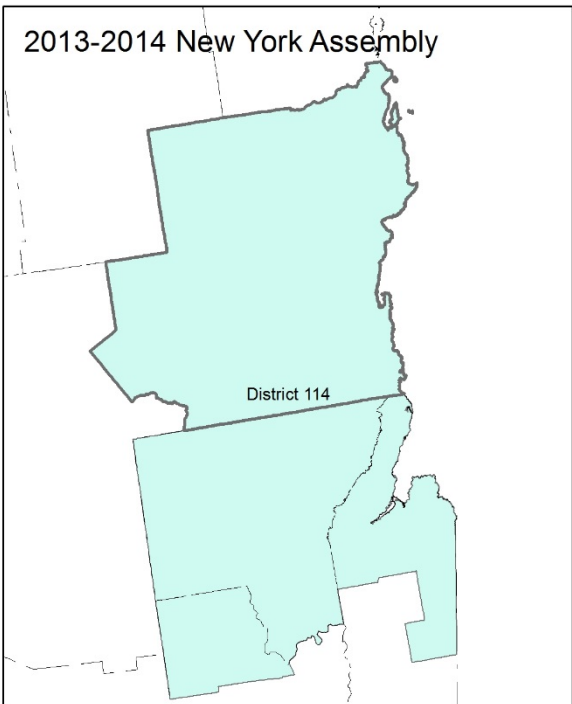
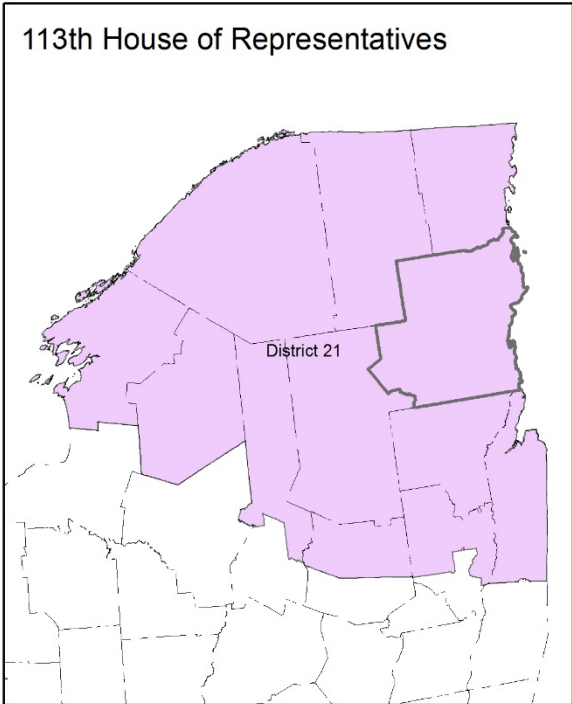
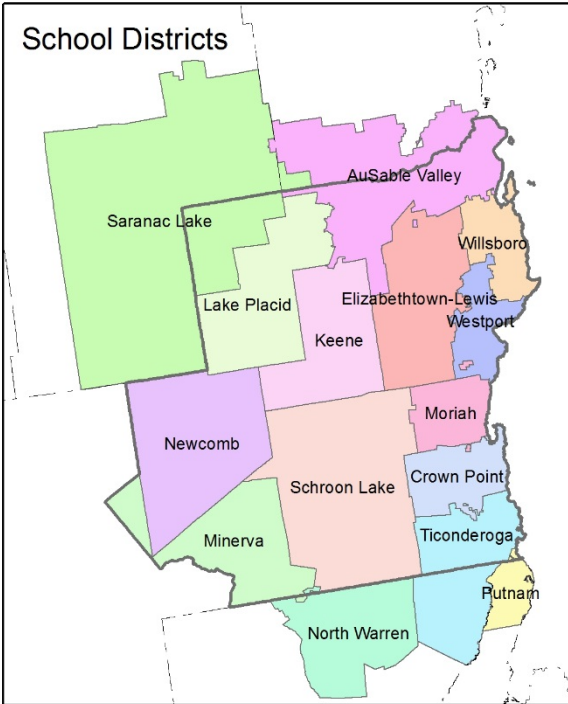
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1 Reference Maps (towns and places as defined in 2010)

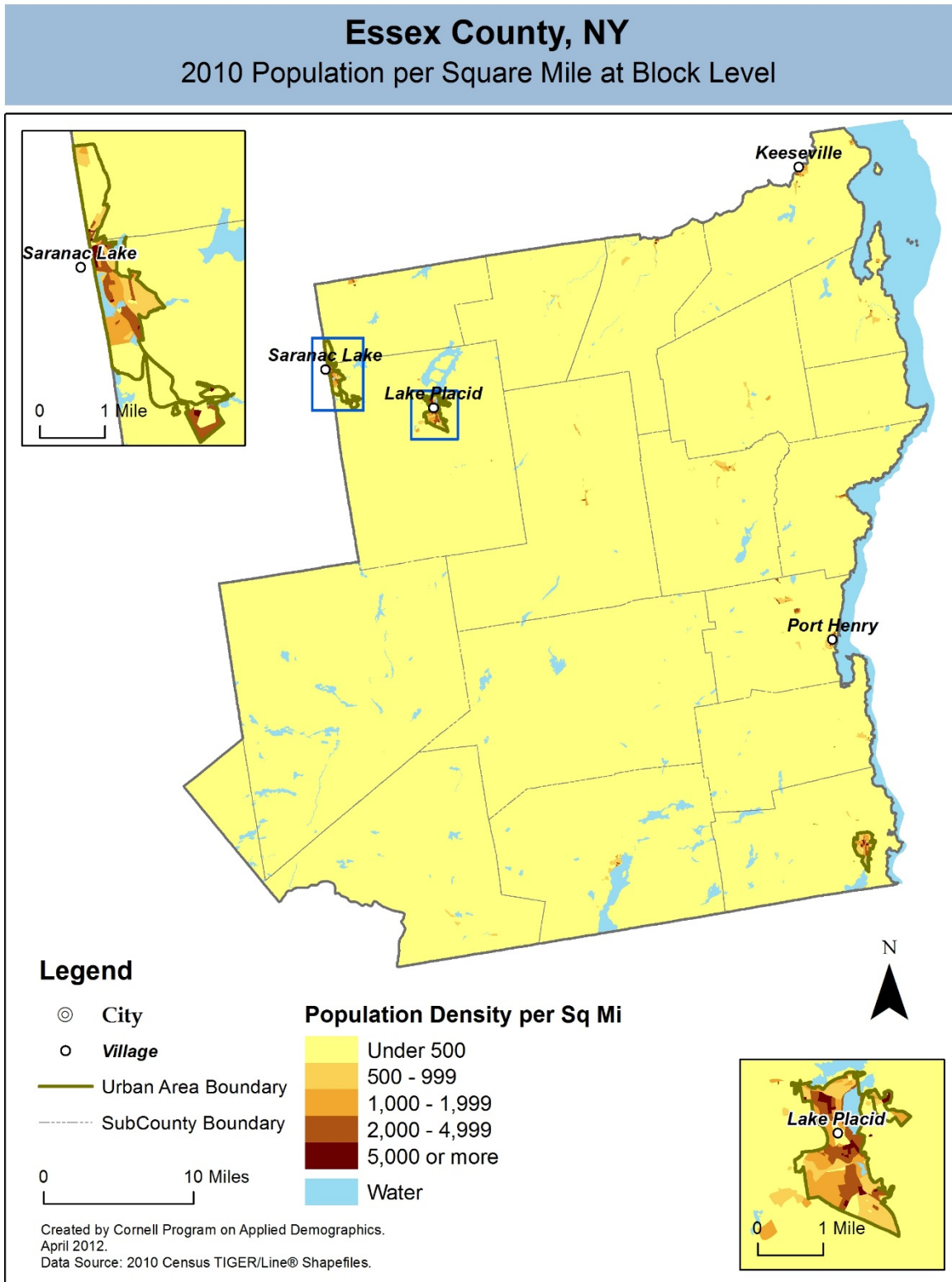


Essex County, NY

Overlap with School and Political Districts



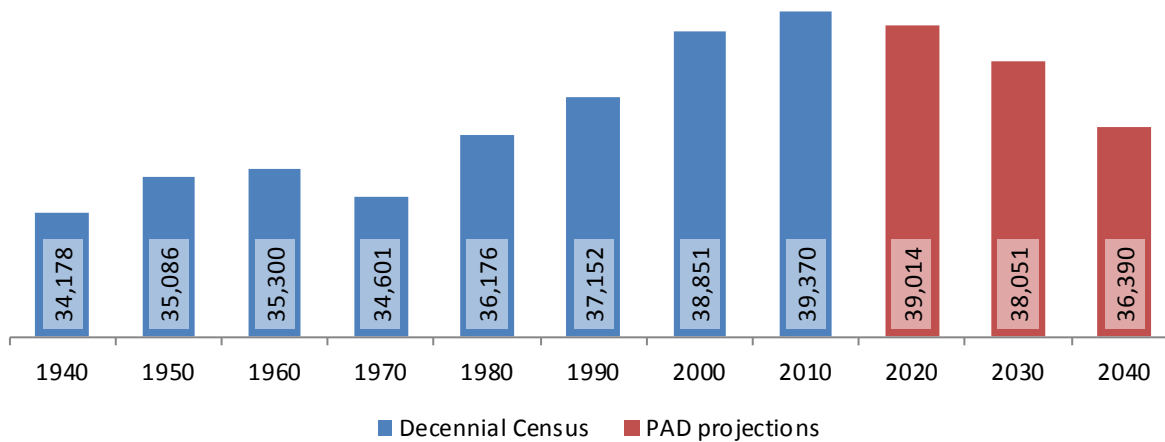
2 Population density and Urban Areas Map



3 Total Population

3.1 Historic and projected

Total population, Essex County, 1940-2040



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

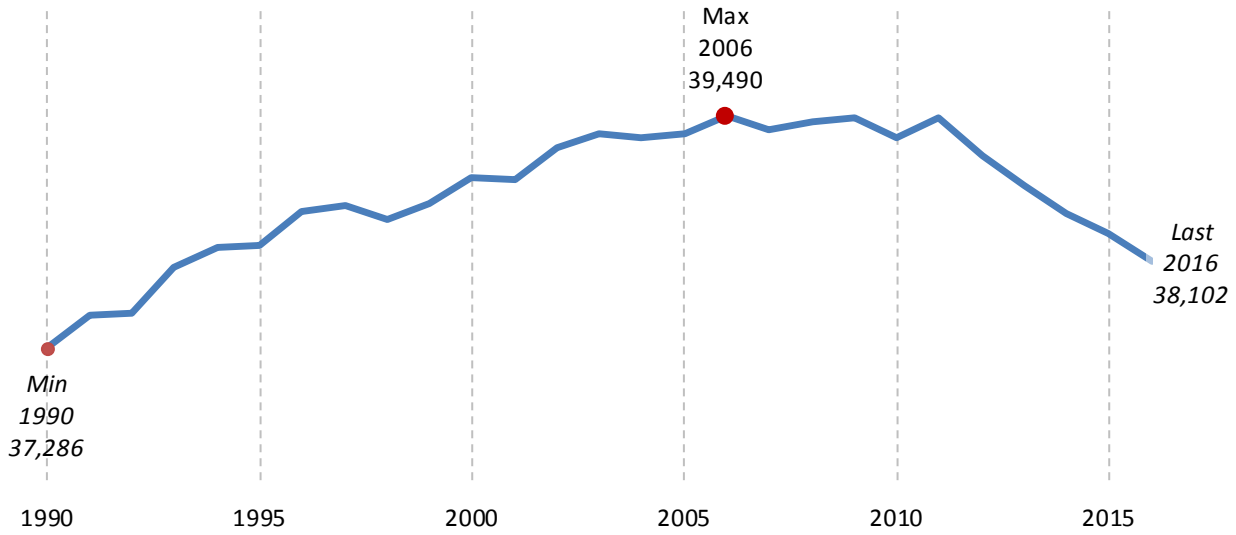
3.2 Change since previous Census

	Year	Total population	Change	
			Number	Percent
Decennial Census	1940	34,178		
	1950	35,086	908	2.7%
	1960	35,300	214	0.6%
	1970	34,601	-699	-2.0%
	1980	36,176	1,575	4.6%
	1990	37,152	976	2.7%
	2000	38,851	1,699	4.6%
	2010	39,370	519	1.3%
PAD projections	2020	39,014	-356	-0.9%
	2030	38,051	-963	-2.5%
	2040	36,390	-1,661	-4.4%

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

3.3 Annual population estimates

**Annual population estimates
Essex 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%
Essex County	38,851	39,370	519	1.3%
Towns				
Chesterfield	2,409	2,445	36	1.5%
Crown Point	2,119	2,024	-95	-4.5%
Elizabet	1,315	1,163	-152	-11.6%
Essex	713	671	-42	-5.9%
Jay	2,306	2,506	200	8.7%
Keene	1,063	1,105	42	4.0%
Lewis	1,200	1,382	182	15.2%
Minerva	796	809	13	1.6%
Moriah	4,879	4,798	-81	-1.7%
Newcomb	481	436	-45	-9.4%
North Elba	8,661	8,957	296	3.4%
North Hudson	266	240	-26	-9.8%
St. Armand	1,321	1,548	227	17.2%
Schroon	1,759	1,654	-105	-6.0%
Ticonderoga	5,167	5,042	-125	-2.4%
Westport	1,362	1,312	-50	-3.7%
Willsboro	1,903	2,025	122	6.4%
Wilmington	1,131	1,253	122	10.8%

* 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

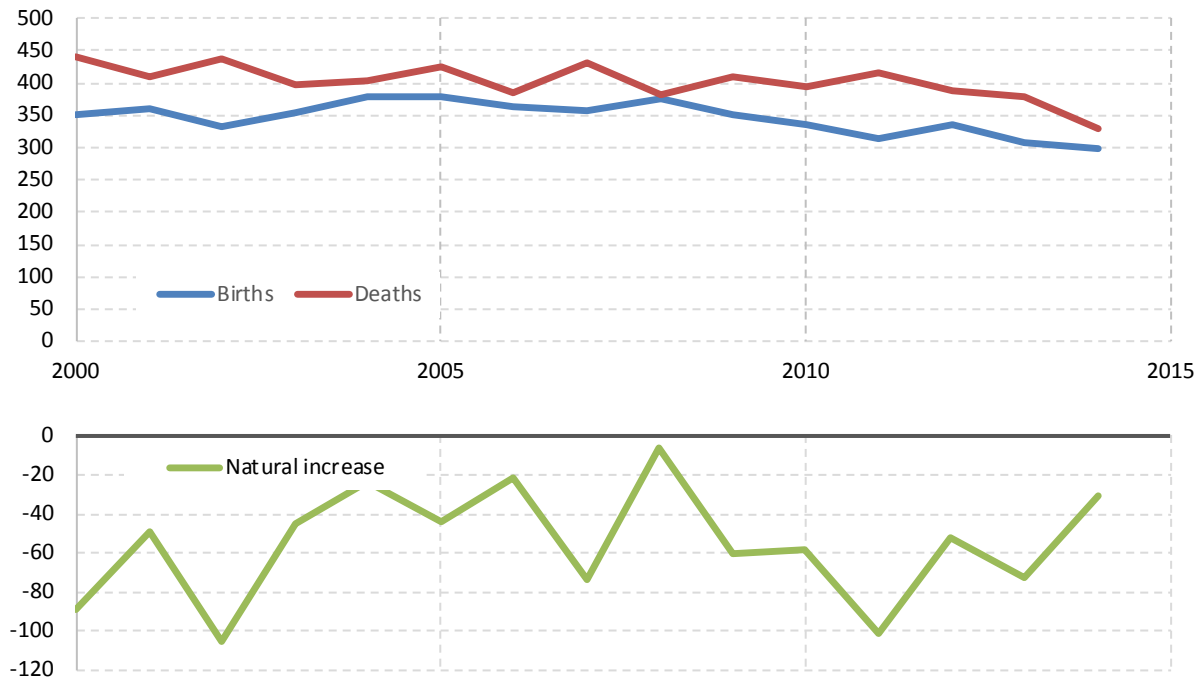
	Total Population		Difference	
	2010 base	2015	Count	%
New York State	19,378,087	19,795,791	417,704	2.2%
Essex County	39,361	38,478	-883	-2.2%
Towns				
Chesterfield	2,445	2,389	-56	-2.3%
Crown Point	2,024	1,963	-61	-3.0%
Elizabet	1,163	1,144	-19	-1.6%
Essex	671	652	-19	-2.8%
Jay	2,506	2,474	-32	-1.3%
Keene	1,105	1,098	-7	-0.6%
Lewis	1,382	1,340	-42	-3.0%
Minerva	809	797	-12	-1.5%
Moriah	4,798	4,735	-63	-1.3%
Newcomb	436	422	-14	-3.2%
North Elba	8,946	8,474	-472	-5.3%
North Hudson	240	240	0	0.0%
St. Armand	1,550	1,522	-28	-1.8%
Schroon	1,654	1,622	-32	-1.9%
Ticonderoga	5,042	4,975	-67	-1.3%
Westport	1,312	1,303	-9	-0.7%
Willsboro	2,025	2,059	34	1.7%
Wilmington	1,253	1,269	16	1.3%

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

4 Components of population change

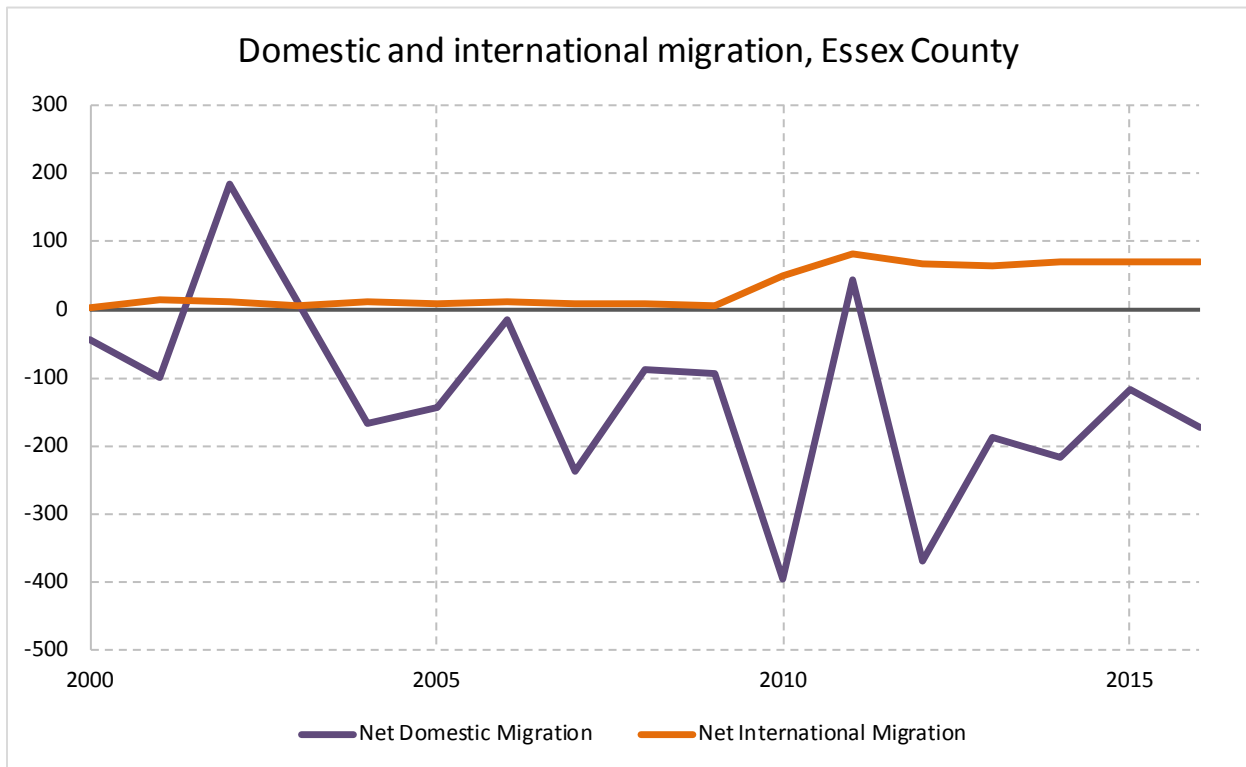
4.1 Vital Statistics

Vital Statistics, Essex County



Source: New York State Department of Health

4.2 Migration

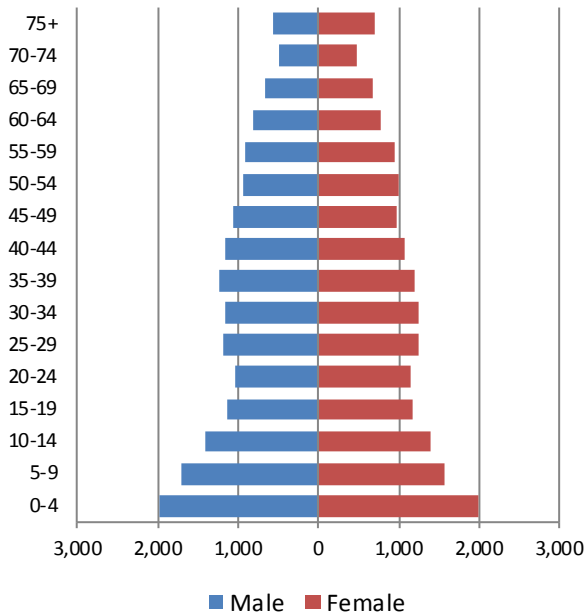


Source: Census Bureau population estimates (V2010 and V2016)

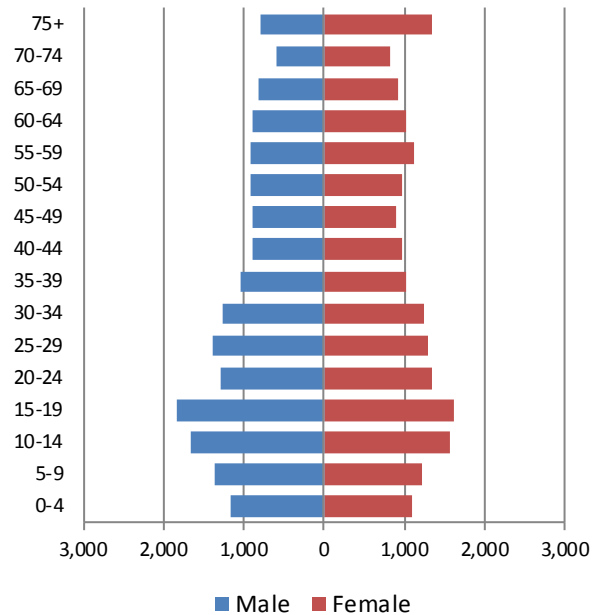
5 Population by age

5.1 Historic and projected population pyramids

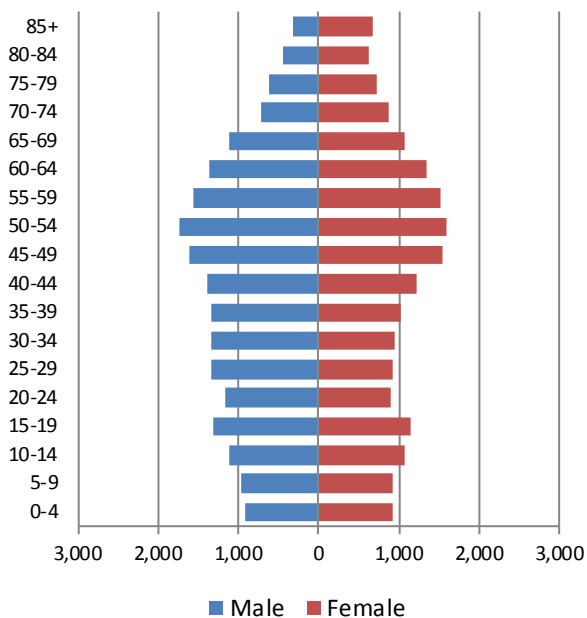
1950 Population Pyramid, Essex County



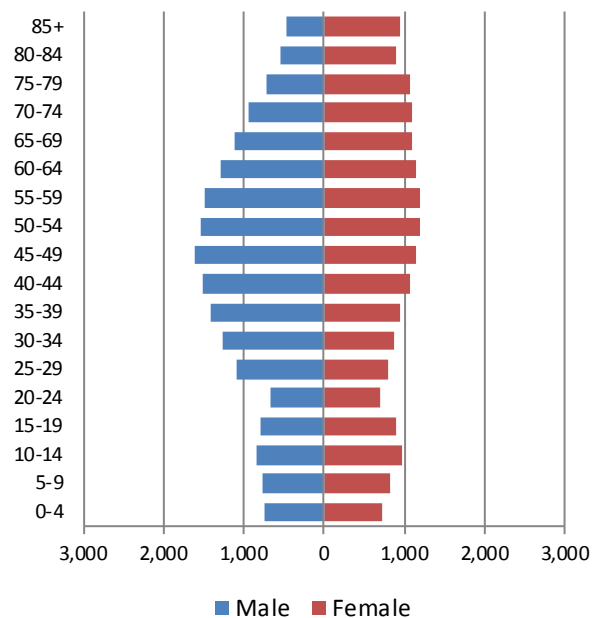
1980 Population Pyramid, Essex County



2010 Population Pyramid, Essex County



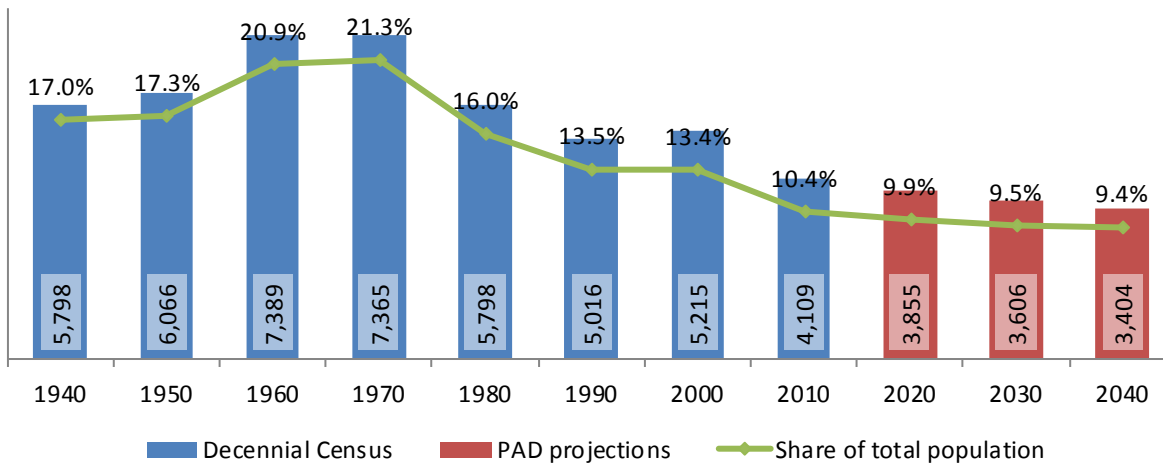
2040 Population Pyramid, Essex County



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

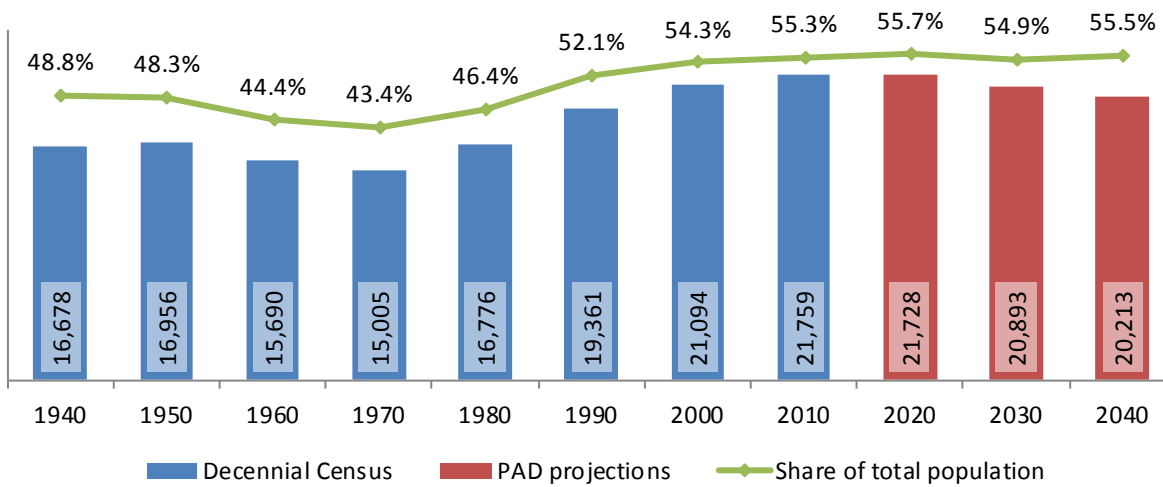
5.2 Selected age groups

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



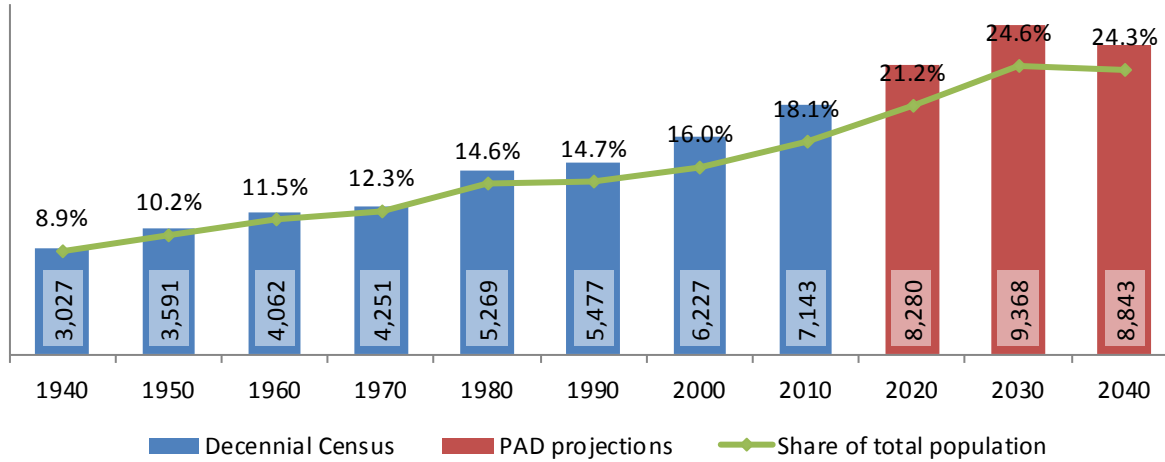
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

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



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

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



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

5.3 Median age

	Essex County	New York State
Median age		
2000	39.4	35.9
2010	44.5	38.0
2015	46.7	38.3

Source: 2000, 2010 Decennial Census, 2015 Population Estimates

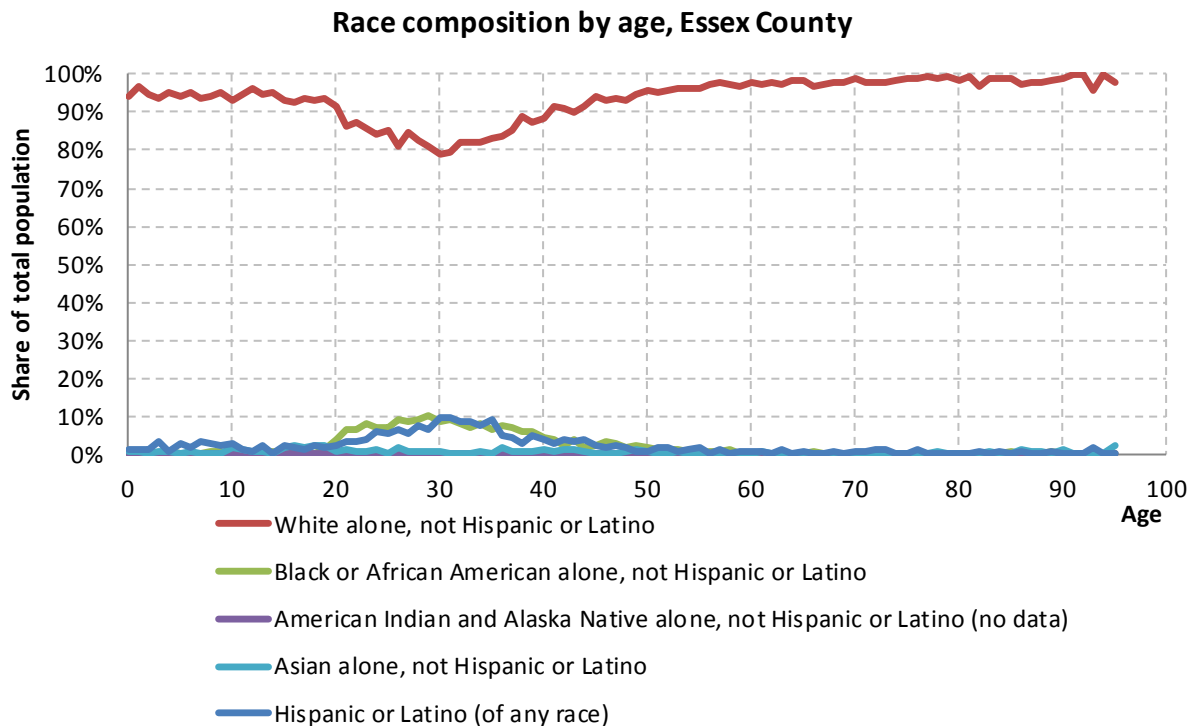
6 Race

6.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
Total population	39,370	100%	36,723	100%	2,647
Not Hispanic or Latino					
One race					
White	36,588	92.9%	35,513	96.7%	1,075
Black or African American	982	2.5%	134	0.4%	848
American Indian and Alaska Native	99	0.3%	-	-	-
Asian	260	0.7%	208	0.6%	52
Native Hawaiian and Other Pacific Islander	8	0.0%	-	-	-
Some other race	33	0.1%	-	-	-
Two or more races	407	1.0%	374	1.0%	33
Hispanic or Latino (of any race)	993	2.5%	380	1.0%	613

Source: 2010 Decennial Census

6.2 Race composition by age



Source: 2010 Decennial Census

7 Housing units

7.1 Characteristics

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
HOUSING OCCUPANCY				
Total housing units	25,678	± 276	100.0%	
Occupied housing units	15,268	± 451	59.5%	± 1.6
Vacant housing units	10,410	± 404	40.5%	± 1.6
YEAR STRUCTURE BUILT				
Total housing units	25,678	± 276	100.0%	
Built 2014 or later	17	± 18	0.1%	± 0.1
Built 2010 to 2013	217	± 95	0.8%	± 0.4
Built 2000 to 2009	2,411	± 227	9.4%	± 0.9
Built 1990 to 1999	2,436	± 260	9.5%	± 1.0
Built 1980 to 1989	2,907	± 306	11.3%	± 1.2
Built 1970 to 1979	2,832	± 301	11.0%	± 1.2
Built 1960 to 1969	2,047	± 227	8.0%	± 0.9
Built 1950 to 1959	2,286	± 272	8.9%	± 1.1
Built 1940 to 1949	1,803	± 247	7.0%	± 0.9
Built 1939 or earlier	8,722	± 408	34.0%	± 1.5
HOUSING TENURE				
Occupied housing units	15,268	± 451	100.0%	
Owner-occupied	11,275	± 351	73.8%	± 2.2
Renter-occupied	3,993	± 407	26.2%	± 2.2
HOUSE HEATING FUEL				
Occupied housing units	15,268	± 451	100.0%	
Utility gas	666	± 195	4.4%	± 1.2
Bottled, tank, or LP gas	1,717	± 230	11.2%	± 1.5
Electricity	2,329	± 324	15.3%	± 1.9
Fuel oil, kerosene, etc.	7,645	± 365	50.1%	± 2.1
Coal or coke	107	± 68	0.7%	± 0.4
Wood	2,548	± 216	16.7%	± 1.4
Solar energy	60	± 72	0.4%	± 0.5
Other fuel	173	± 69	1.1%	± 0.5
No fuel used	23	± 24	0.2%	± 0.2
VALUE				
Owner-occupied units	11,275	± 351	100.0%	
Less than \$50,000	921	± 145	8.2%	± 1.3
\$50,000 to \$99,999	2,576	± 255	22.8%	± 2.0
\$100,000 to \$149,999	2,324	± 243	20.6%	± 2.1
\$150,000 to \$199,999	1,971	± 232	17.5%	± 1.9
\$200,000 to \$299,999	1,589	± 181	14.1%	± 1.6
\$300,000 to \$499,999	1,172	± 159	10.4%	± 1.4
\$500,000 to \$999,999	559	± 139	5.0%	± 1.2
\$1,000,000 or more	163	± 74	1.4%	± 0.7
Median (dollars)	145,100	± 7,144		

Source: 2011-2015 American Community Survey

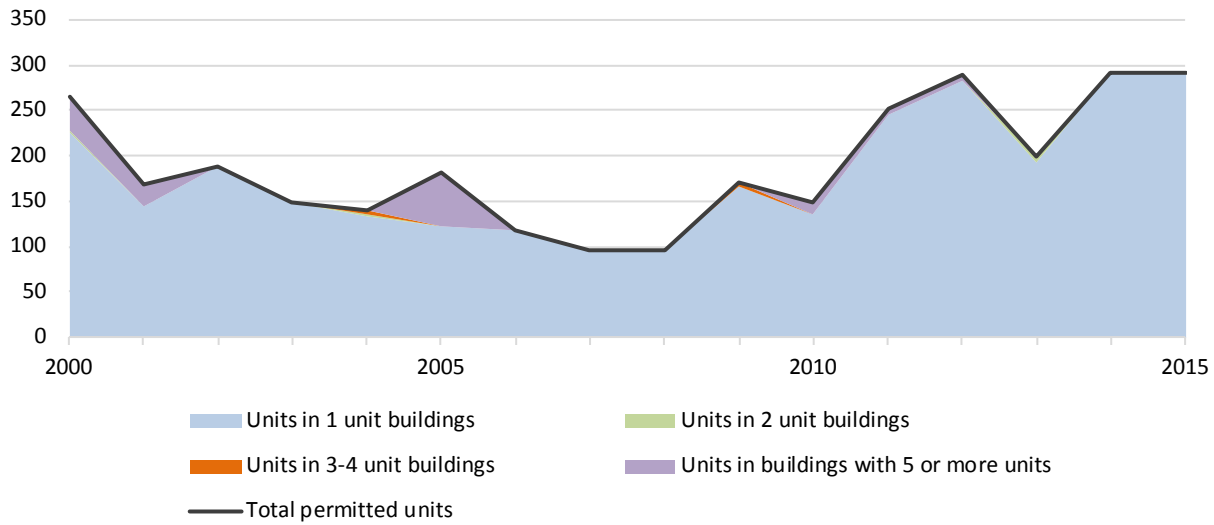
7.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	14,474		10,660	73.6%	3,814
1980	19,124	32.1%	12,879	67.3%	6,245
1990	21,493	12.4%	13,721	63.8%	7,772
2000	23,115	7.5%	15,028	65.0%	8,087
2010	25,603	10.8%	16,262	63.5%	9,341

Source: 1970-2010 Decennial Census

7.3 Building Permits 2000-2015

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



Source: Census Bureau Building Permits Survey

8 Education

8.1 Enrollment by level of school

	Estimate	Margin of error
Total enrolled in school	7,521	± 317
Nursery school, preschool	636	± 144
Kindergarten to 12th grade	5,352	± 115
Kindergarten	372	± 107
Elementary: grade 1 to grade 4	1,511	± 198
Elementary: grade 5 to grade 8	1,621	± 176
High school: grade 9 to grade 12	1,848	± 118
College, undergraduate	1,215	± 250
Graduate, professional school	318	± 102

Source: 2011-2015 American Community Survey

8.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	69.6%	± 8.4
5 to 9 years	95.9%	± 2.0
10 to 14 years	98.5%	± 1.5
15 to 17 years	97.9%	± 2.1
18 and 19 years	71.5%	± 8.3
20 to 24 years	22.0%	± 7.3
25 to 34 years	7.6%	± 2.8
35 years and over	1.7%	± 0.6

Source: 2011-2015 American Community Survey

8.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	3,102	± 154
Enrolled in college or graduate school	25.1%	± 5.4
Males 18 to 24 years	1,810	± 141
Enrolled in college or graduate school	20.2%	± 8.3
Females 18 to 24 years	1,292	± 56
Enrolled in college or graduate school	32.0%	± 5.8

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	28,949	± 155	100%	
EDUCATIONAL ATTAINMENT				
Less than 9th grade	1,051	± 235	3.6%	± 0.8
9th to 12th grade, no diploma	2,184	± 248	7.5%	± 0.9
High school graduate (includes equivalency)	9,992	± 500	34.5%	± 1.7
Some college, no degree	5,714	± 398	19.7%	± 1.4
Associate's degree	3,015	± 307	10.4%	± 1.1
Bachelor's degree	3,884	± 363	13.4%	± 1.3
Graduate or professional degree	3,109	± 298	10.7%	± 1.0
Percent high school graduate or higher			88.8%	± 0.9
Percent bachelor's degree or higher			24.2%	± 1.8

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	37,295	± 22	100%			
LANGUAGE SPOKEN AT HOME						
English only	35,032	± 285	93.9%	± 0.8		
Language other than English	2,263	± 287	6.1%	± 0.8	834	± 212
Spanish	1,116	± 126	3.0%	± 0.3	529	± 176
Other Indo-European languages	948	± 228	2.5%	± 0.6	251	± 105
Asian and Pacific Islander languages	92	± 57	0.2%	± 0.2	47	± 36
Other languages	107	± 85	0.3%	± 0.2	7	± 12

Source: 2011-2015 American Community Survey

10 Labor Force Characteristics

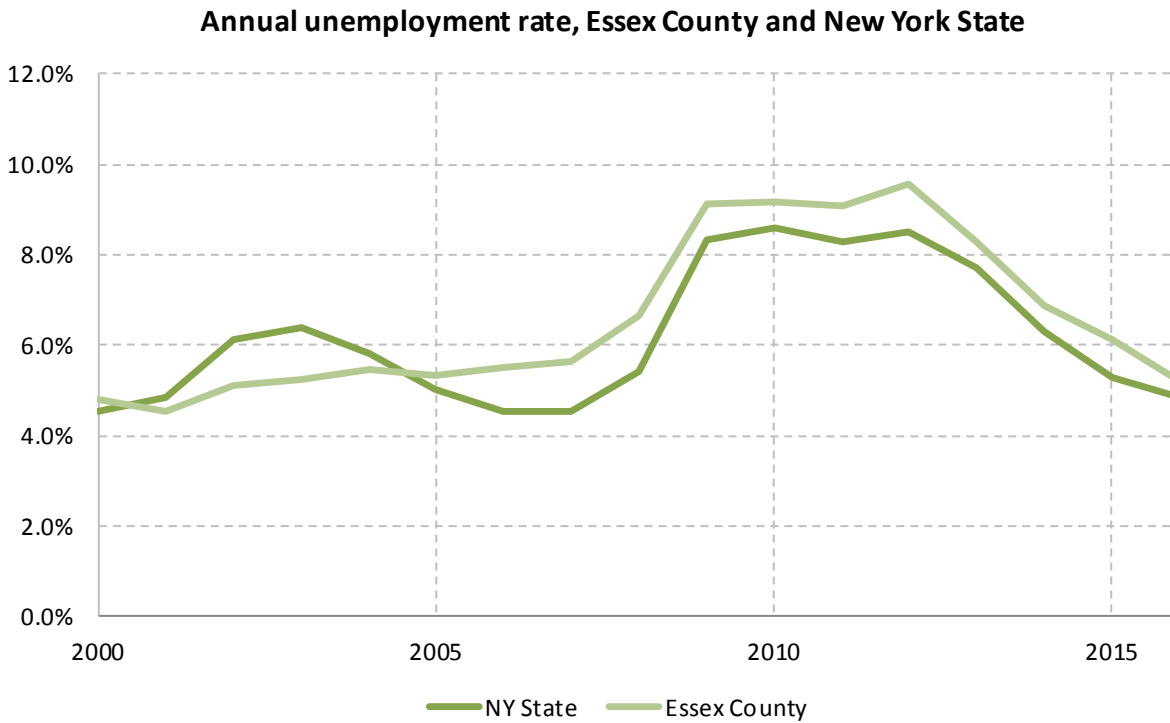
10.1 Labor force, employment and unemployment

	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	33,111	± 101	58.3%	± 1.7	53.7%	± 1.7	7.9%	± 1.3
AGE								
16 to 19 years	1,888	± 112	40.4%	± 5.9	33.6%	± 5.7	16.9%	± 7.8
20 to 24 years	2,274	± 154	71.5%	± 7.4	56.9%	± 8.0	20.2%	± 8.2
25 to 29 years	2,233	± 90	71.9%	± 5.3	61.5%	± 5.8	14.5%	± 5.0
30 to 34 years	2,147	± 104	77.7%	± 4.9	74.8%	± 5.3	3.7%	± 2.4
35 to 44 years	4,615	± 119	77.2%	± 4.5	73.3%	± 4.8	5.1%	± 2.3
45 to 54 years	5,999	± 125	80.5%	± 3.1	77.2%	± 3.1	4.0%	± 1.7
55 to 59 years	3,329	± 218	68.7%	± 4.4	64.2%	± 4.4	6.5%	± 2.8
60 to 64 years	2,757	± 210	51.9%	± 5.6	46.5%	± 5.6	10.5%	± 4.7
65 to 74 years	4,310	± 21	30.0%	± 4.5	27.8%	± 4.4	7.4%	± 4.1
75 years and over	3,559	± 27	6.4%	± 1.6	6.4%	± 1.6	0.0%	± 12.3
RACE AND HISPANIC OR LATINO ORIGIN								
White alone	30,703	± 147	60.7%	± 1.4	56.0%	± 1.5	7.7%	± 1.2
Black or African American alone	1,144	± 130	11.5%	± 11.1	11.2%	± 9.9	3.0%	± 11.7
American Indian and Alaska Native alone	94	± 48	22.3%	± 18.9	20.2%	± 18.5	9.5%	± 19.8
Asian alone	137	± 56	38.7%	± 16.5	38.0%	± 16.9	1.9%	± 8.1
Two or more races	455	± 214	55.4%	± 17.7	40.9%	± 12.5	26.2%	± 36.4
Hispanic or Latino origin (of any race)	1,045	± 32	38.3%	± 18.6	33.0%	± 14.3	13.8%	± 26.6
White alone, not Hispanic or Latino	30,432	± 97	60.8%	± 1.3	56.1%	± 1.5	7.8%	± 1.2
SEX								
Population 20 to 64 years	23,354	± 69	72.8%	± 2.2	67.3%	± 2.1	7.6%	± 1.3
Male	12,630	± 84	68.4%	± 3.7	61.5%	± 3.3	10.0%	± 2.1
Female	10,724	± 76	78.1%	± 2.1	74.0%	± 2.4	5.2%	± 1.4
With own children under 18 years	3,476	± 210	87.0%	± 3.4	83.4%	± 4.5	4.1%	± 2.8
EDUCATIONAL ATTAINMENT								
Population 25 to 64 years	21,080	± 155	73.0%	± 2.1	68.4%	± 2.2	6.3%	± 1.1
Less than high school graduate	1,787	± 208	55.1%	± 6.0	49.6%	± 6.4	9.9%	± 4.9
High school graduate (includes equivalency)	7,251	± 429	67.2%	± 3.5	62.9%	± 3.6	6.4%	± 2.1
Some college or associate's degree	6,919	± 414	75.0%	± 3.6	69.3%	± 3.8	7.6%	± 2.1
Bachelor's degree or higher	5,123	± 481	84.7%	± 2.6	81.5%	± 2.9	3.8%	± 2.0

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

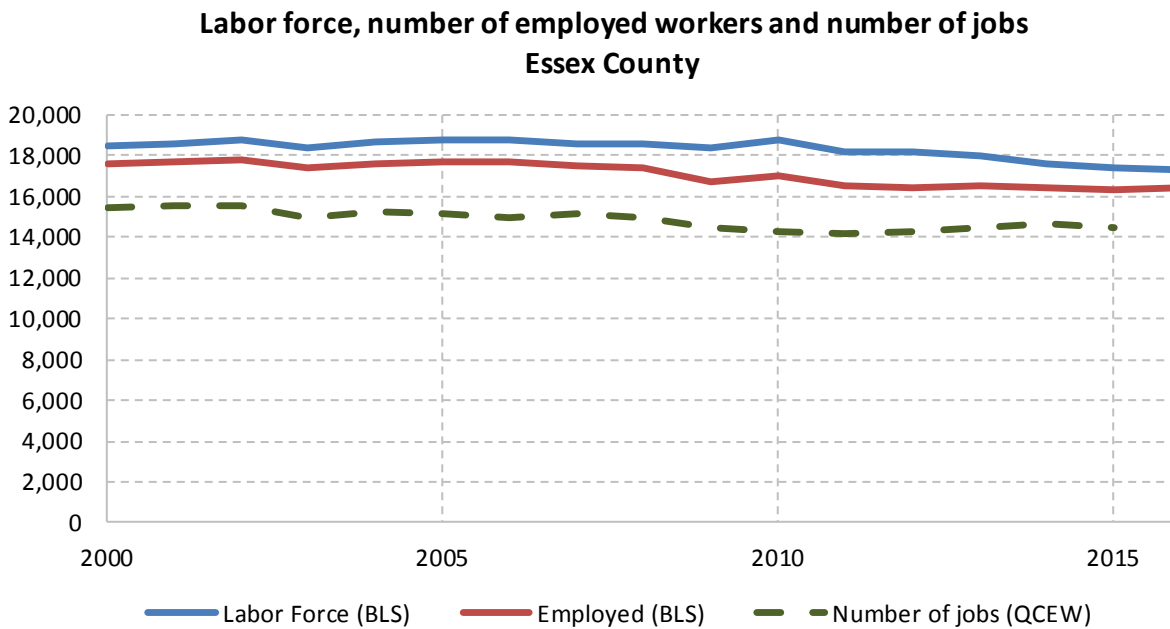
Source: 2011-2015 American Community Survey

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	17,769	50.2%	49.8%
	<i>Margin of error</i>	± 554	± 1.4	± 1.4
Private for-profit wage and salary workers:	Estimate	9,866	55.1%	44.9%
	<i>Margin of error</i>	± 536	± 2.4	± 2.4
Employee of private company workers	Estimate	9,317	54.1%	45.9%
	<i>Margin of error</i>	± 510	± 2.6	± 2.6
Self-employed in own incorporated business workers	Estimate	549	71.8%	28.2%
	<i>Margin of error</i>	± 153	± 7.4	± 7.4
Private not-for-profit wage and salary workers	Estimate	2,606	30.2%	69.8%
	<i>Margin of error</i>	± 276	± 4.9	± 4.9
Local government workers	Estimate	2,075	40.8%	59.2%
	<i>Margin of error</i>	± 242	± 5.0	± 5.0
State government workers	Estimate	1,386	57.1%	42.9%
	<i>Margin of error</i>	± 205	± 7.4	± 7.4
Federal government workers	Estimate	157	60.5%	39.5%
	<i>Margin of error</i>	± 66	± 17.8	± 17.8
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	1,679	57.3%	42.7%
	<i>Margin of error</i>	± 222	± 6.4	± 6.4

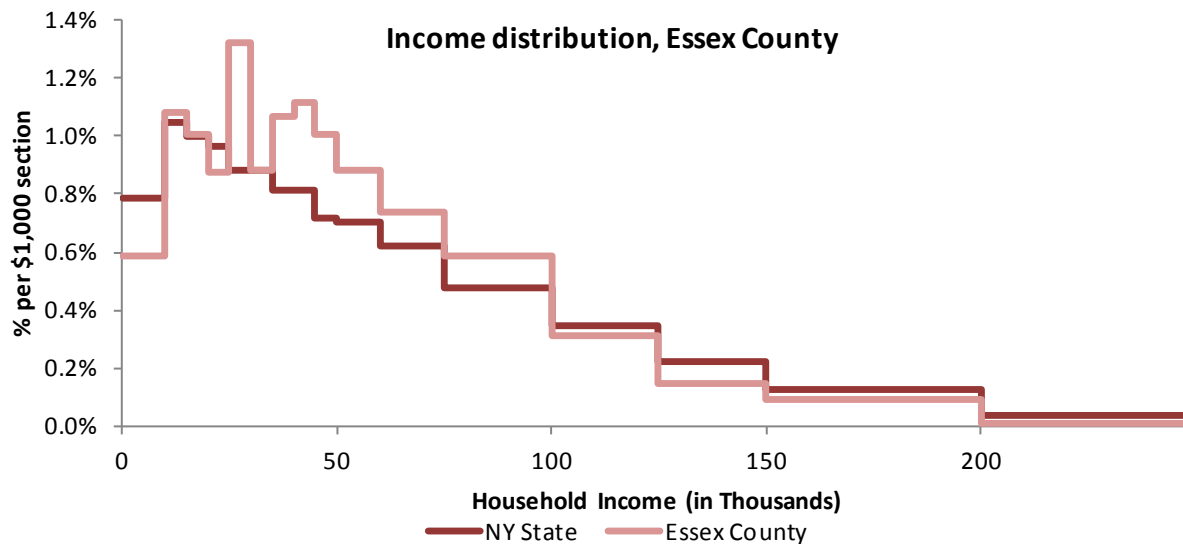
Source: 2011-2015 American Community Survey

11 Household Income

11.1 Income Distribution

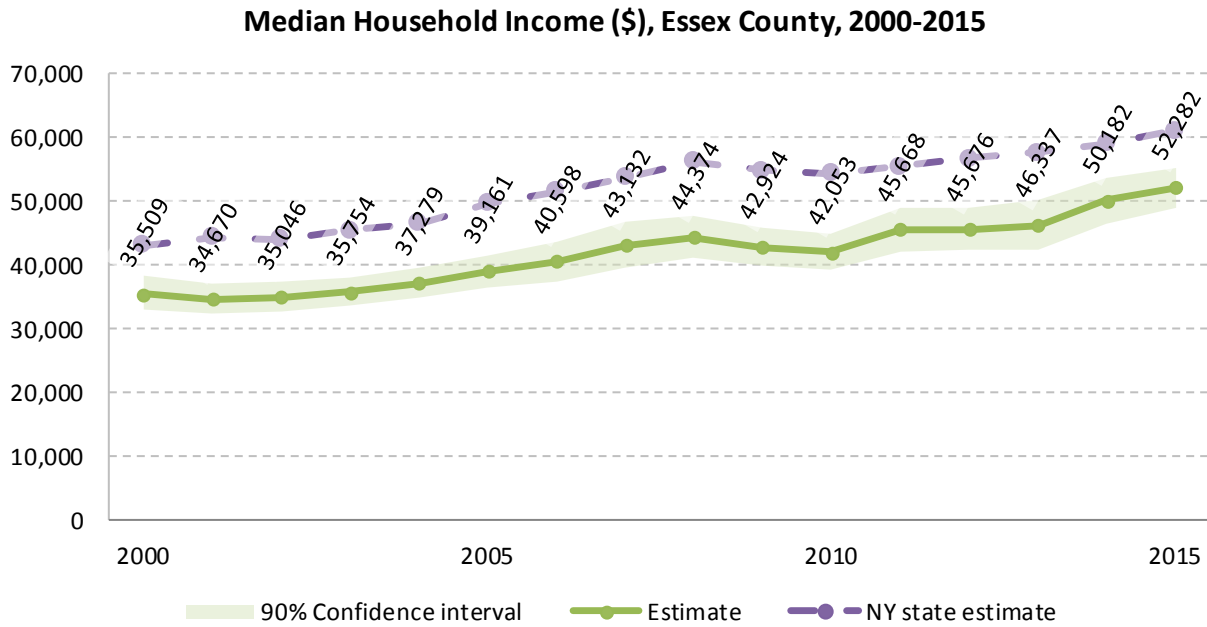
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
Total:	15,268	± 451		
Less than \$10,000	900	± 204	10	90.0
\$10,000 to \$14,999	827	± 149	5	165.4
\$15,000 to \$19,999	766	± 137	5	153.2
\$20,000 to \$24,999	669	± 108	5	133.8
\$25,000 to \$29,999	1,006	± 201	5	201.2
\$30,000 to \$34,999	671	± 144	5	134.2
\$35,000 to \$39,999	817	± 140	5	163.4
\$40,000 to \$44,999	851	± 171	5	170.2
\$45,000 to \$49,999	768	± 165	5	153.6
\$50,000 to \$59,999	1,351	± 207	10	135.1
\$60,000 to \$74,999	1,692	± 232	15	112.8
\$75,000 to \$99,999	2,245	± 263	25	89.8
\$100,000 to \$124,999	1,178	± 157	25	47.1
\$125,000 to \$149,999	561	± 140	25	22.4
\$150,000 to \$199,999	693	± 164	50	13.9
\$200,000 or more	273	± 90	-	-

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)

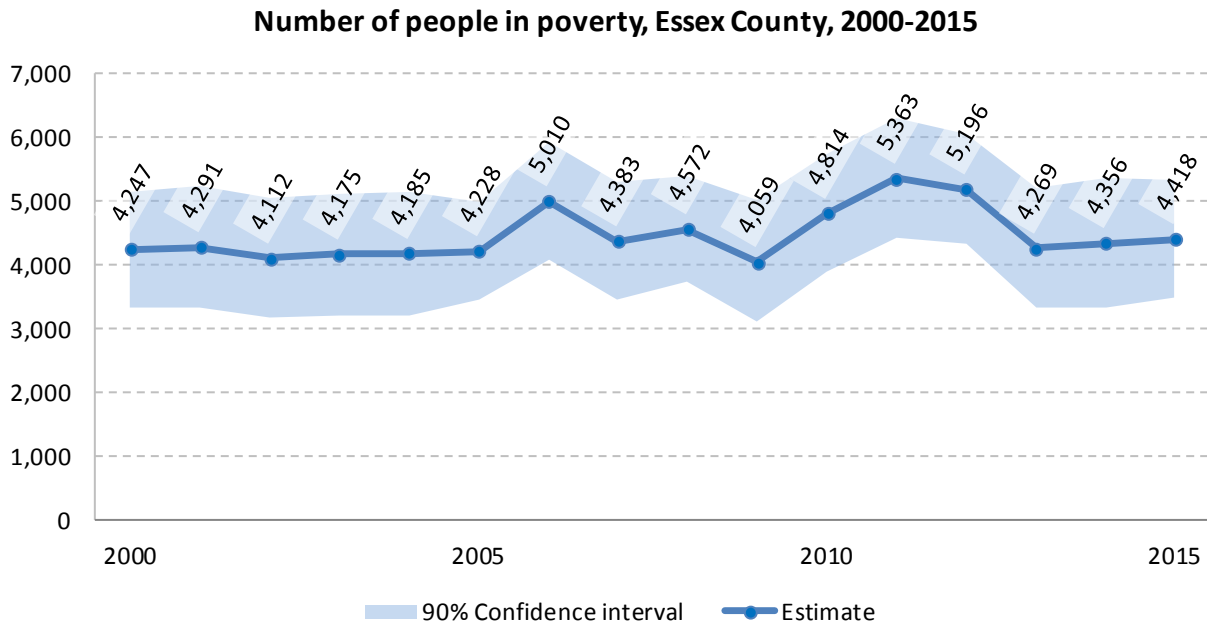
12 Poverty

12.1 Family Income to Poverty Ratio

	TOTAL		PERCENT OF ALL	
	Estimate	Margin of error	Estimate	Margin of error
All families	9,947	± 340		
ALL FAMILIES WITH INCOME:				
Below 50 percent of poverty level	277	± 95	2.8%	± 1.0
Below 100 percent of poverty level	657	± 151	6.6%	± 1.5
Below 125 percent of poverty level	987	± 179	9.9%	± 1.8
Below 150 percent of poverty level	1,316	± 199	13.2%	± 1.9
Below 185 percent of poverty level	1,859	± 223	18.7%	± 2.1
Below 200 percent of poverty level	2,111	± 241	21.2%	± 2.3
Below 300 percent of poverty level	3,921	± 280	39.4%	± 2.5
Below 400 percent of poverty level	5,503	± 317	55.3%	± 2.6
Below 500 percent of poverty level	6,970	± 326	70.1%	± 2.2

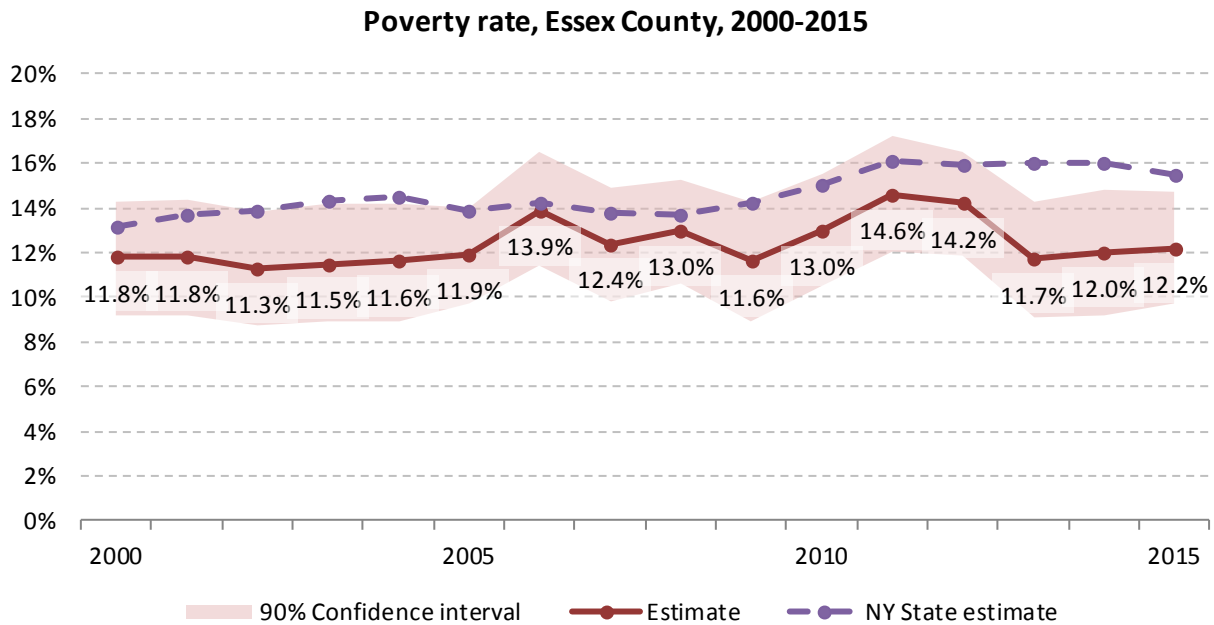
Source: 2011-2015 American Community Survey

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	36,476	± 626	3,894	± 487	10.7%	± 1.3
AGE						
Under 18 years	6,759	± 44	1,055	± 231	15.6%	± 3.4
Under 5 years	1,604	± 30	396	± 121	24.7%	± 7.6
5 to 17 years	5,155	± 40	659	± 182	12.8%	± 3.5
18 to 34 years	6,405	± 295	1,024	± 208	16.0%	± 3.2
35 to 64 years	15,708	± 347	1,381	± 221	8.8%	± 1.3
65 years and over	7,604	± 138	434	± 98	5.7%	± 1.3
SEX						
Male	18,204	± 610	1,756	± 285	9.6%	± 1.4
Female	18,272	± 115	2,138	± 281	11.7%	± 1.5
RACE AND HISPANIC OR LATINO ORIGIN						
White alone	35,254	± 269	3,550	± 423	10.1%	± 1.2
Black or African American alone	241	± 203	78	± 114	32.4%	± 29.2
American Indian and Alaska Native alone	61	± 32	21	± 18	34.4%	± 24.8
Asian alone	161	± 69	45	± 52	28.0%	± 29.3
Hispanic or Latino origin (of any race)	599	± 211	139	± 91	23.2%	± 15.0
White alone, not Hispanic or Latino	35,056	± 208	3,534	± 423	10.1%	± 1.2
EDUCATIONAL ATTAINMENT						
Population 25 years and over	27,016	± 508	2,351	± 282	8.7%	± 1.0
Less than high school graduate	2,780	± 260	510	± 171	18.3%	± 5.5
High school graduate (includes equivalency)	9,085	± 512	875	± 143	9.6%	± 1.6
Some college, associate's degree	8,260	± 443	595	± 124	7.2%	± 1.5
Bachelor's degree or higher	6,891	± 540	371	± 98	5.4%	± 1.3
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	19,242	± 558	1,331	± 219	6.9%	± 1.2
Employed	17,721	± 552	1,024	± 208	5.8%	± 1.2
Male	8,882	± 446	427	± 111	4.8%	± 1.2
Female	8,839	± 273	597	± 157	6.8%	± 1.8
Unemployed	1,521	± 257	307	± 113	20.2%	± 6.6
Male	1,023	± 210	161	± 92	15.7%	± 8.2
Female	498	± 126	146	± 63	29.3%	± 11.3
WORK EXPERIENCE IN THE PAST 12 MONTHS						
Population 16 years and over	8,839	± 273	597	± 157	6.8%	± 1.8
Worked full-time, year-round	1,521	± 257	307	± 113	20.2%	± 6.6
Worked part-time or part-year	1,023	± 210	161	± 92	15.7%	± 8.2
Did not work	498	± 126	146	± 63	29.3%	± 11.3

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

Essex County homepage: <https://www.co.essex.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=31>
- Community and Regional Development Institute (CaRDI)
URL: <https://cardi.cals.cornell.edu/>
- Cornell Cooperative Extensions (CCE)
Home page: <http://www.cce.cornell.edu>
 - Essex local office: <http://essex.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/PST045216/36,36031>
 - 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/SF1DP1/0500000US36031
 - 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/DP02/0500000US36031
 - Economic Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP03/0500000US36031
 - Housing Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP04/0500000US36031
 - Demographics Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP05/0500000US36031
 - 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/>