

# Livingston 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:

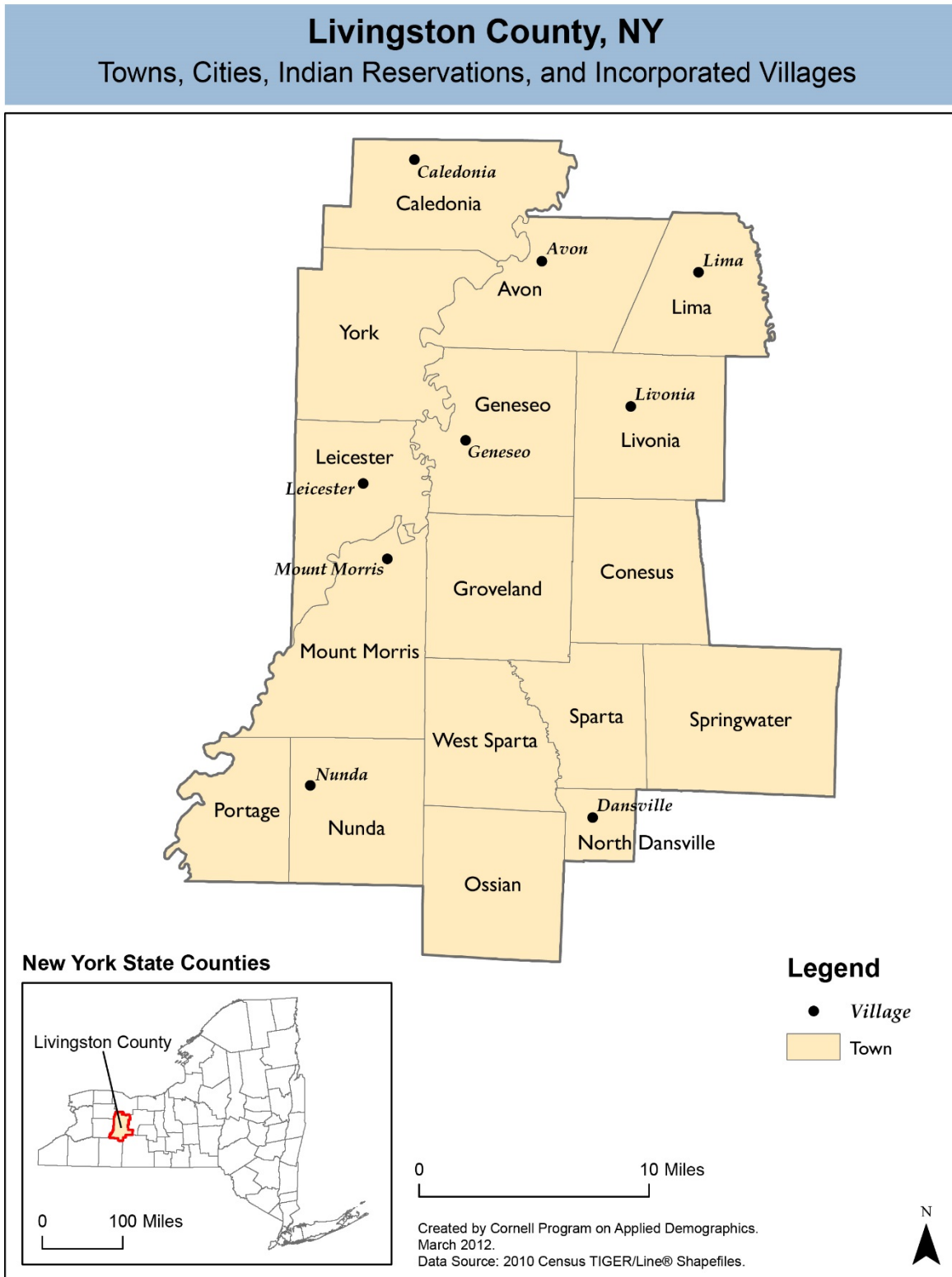
<http://pad.human.cornell.edu/profiles/index.cfm>

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/Livingston.pdf>

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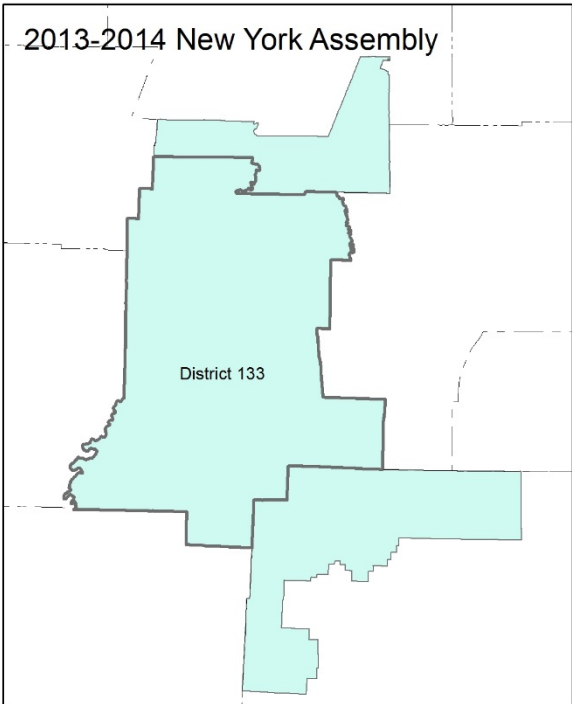
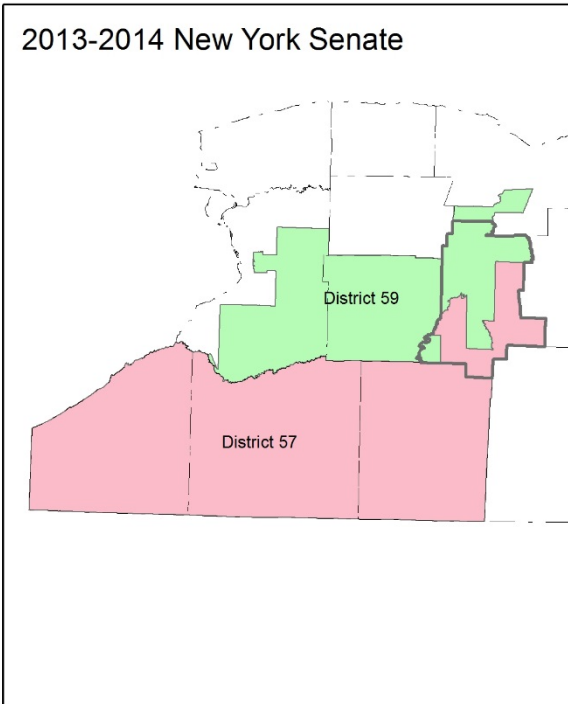
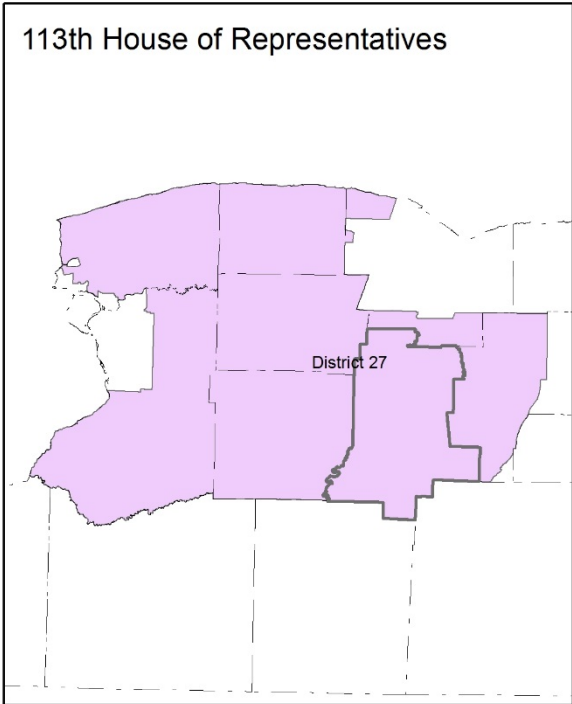
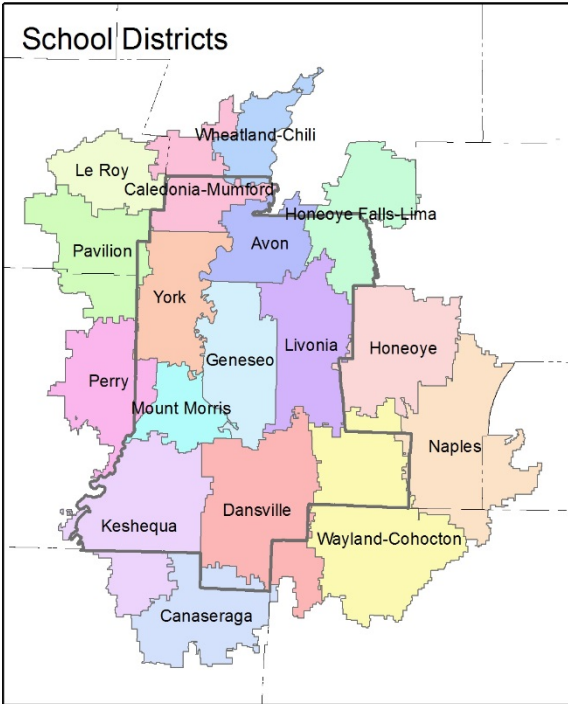
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1 Reference Maps (towns and places as defined in 2010)

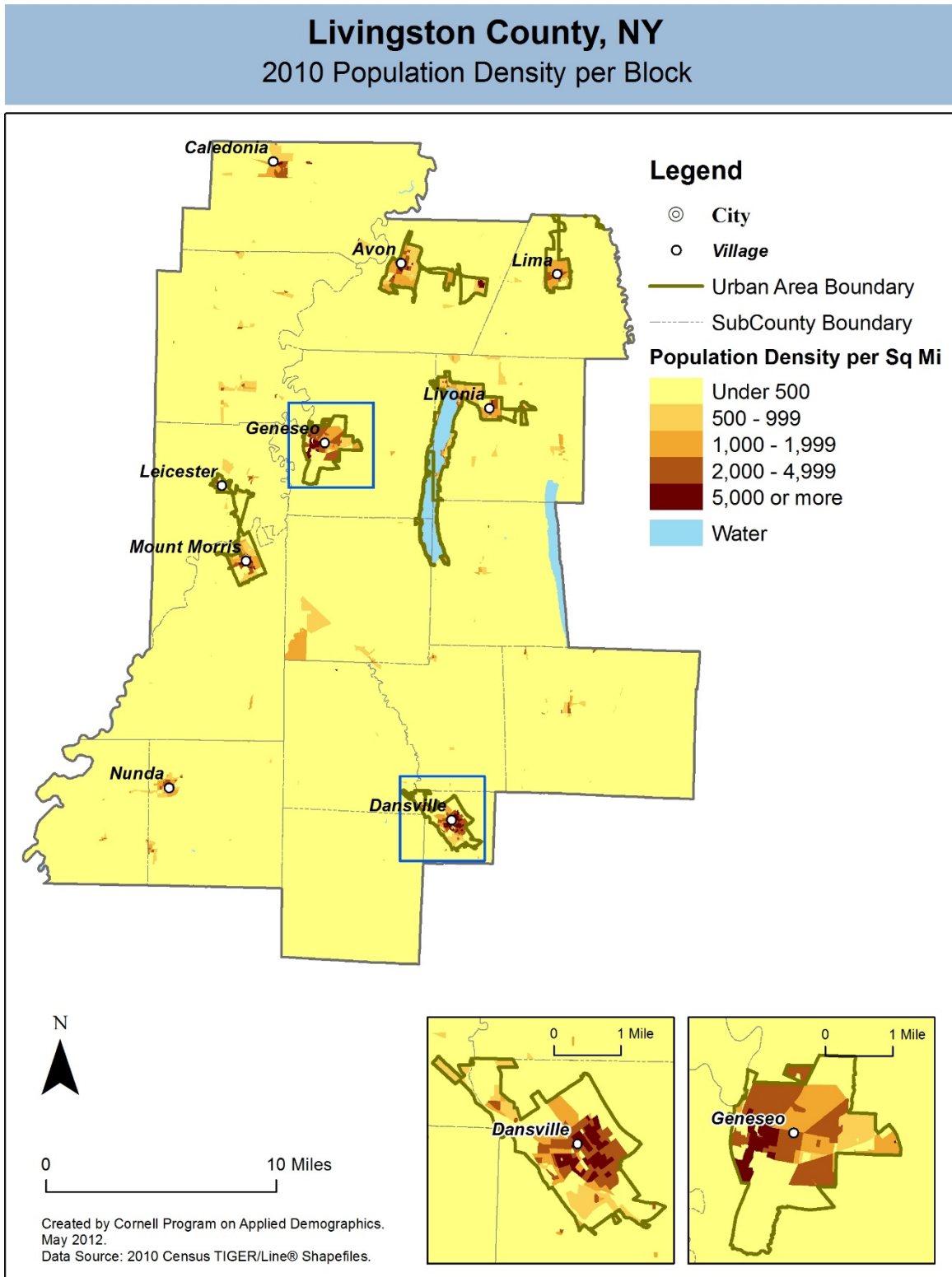


# Livingston County, NY

## Overlap with School and Political Districts



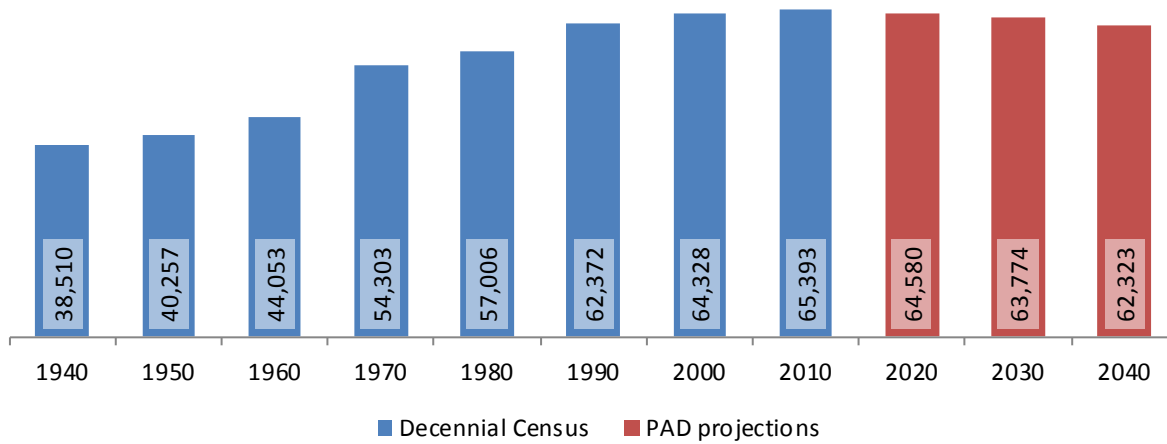
2 Population density and Urban Areas Map



### 3 Total Population

#### 3.1 Historic and projected

**Total population, Livingston County, 1940-2040**



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

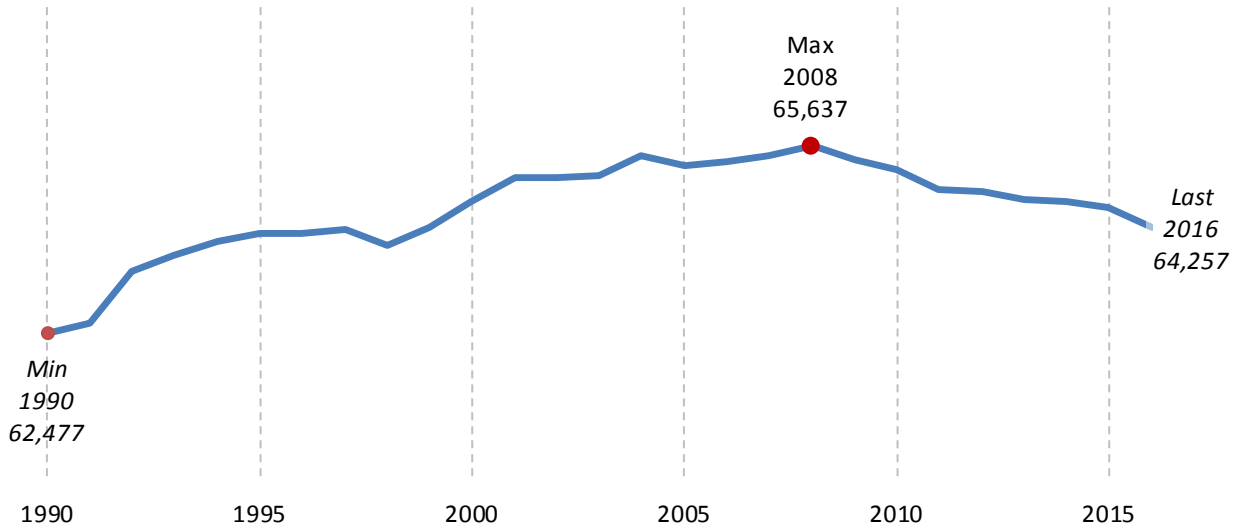
#### 3.2 Change since previous Census

	Total population	Change	
		Number	Percent
Decennial Census	1940	38,510	
	1950	40,257	1,747 4.5%
	1960	44,053	3,796 9.4%
	1970	54,303	10,250 23.3%
	1980	57,006	2,703 5.0%
	1990	62,372	5,366 9.4%
	2000	64,328	1,956 3.1%
	2010	65,393	1,065 1.7%
PAD projections	2020	64,580	-813 -1.2%
	2030	63,774	-806 -1.2%
	2040	62,323	-1,451 -2.3%

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

### 3.3 Annual population estimates

Annual population estimates  
Livingston 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%
Livingston County	64,328	65,393	1,065	1.7%
<b>Towns</b>				
Avon	6,443	7,164	721	11.2%
Caledonia	4,567	4,255	-312	-6.8%
Conesus	2,353	2,473	120	5.1%
Geneseo	9,654	10,483	829	8.6%
Groveland	3,853	3,249	-604	-15.7%
Leicester	2,287	2,200	-87	-3.8%
Lima	4,541	4,305	-236	-5.2%
Livonia	7,286	7,809	523	7.2%
Mount Morris	4,567	4,465	-102	-2.2%
North Dansville	5,738	5,538	-200	-3.5%
Nunda	3,017	3,064	47	1.6%
Ossian	751	789	38	5.1%
Portage	859	884	25	2.9%
Sparta	1,627	1,624	-3	-0.2%
Springwater	2,322	2,439	117	5.0%
West Sparta	1,244	1,255	11	0.9%
York	3,219	3,397	178	5.5%

\* 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

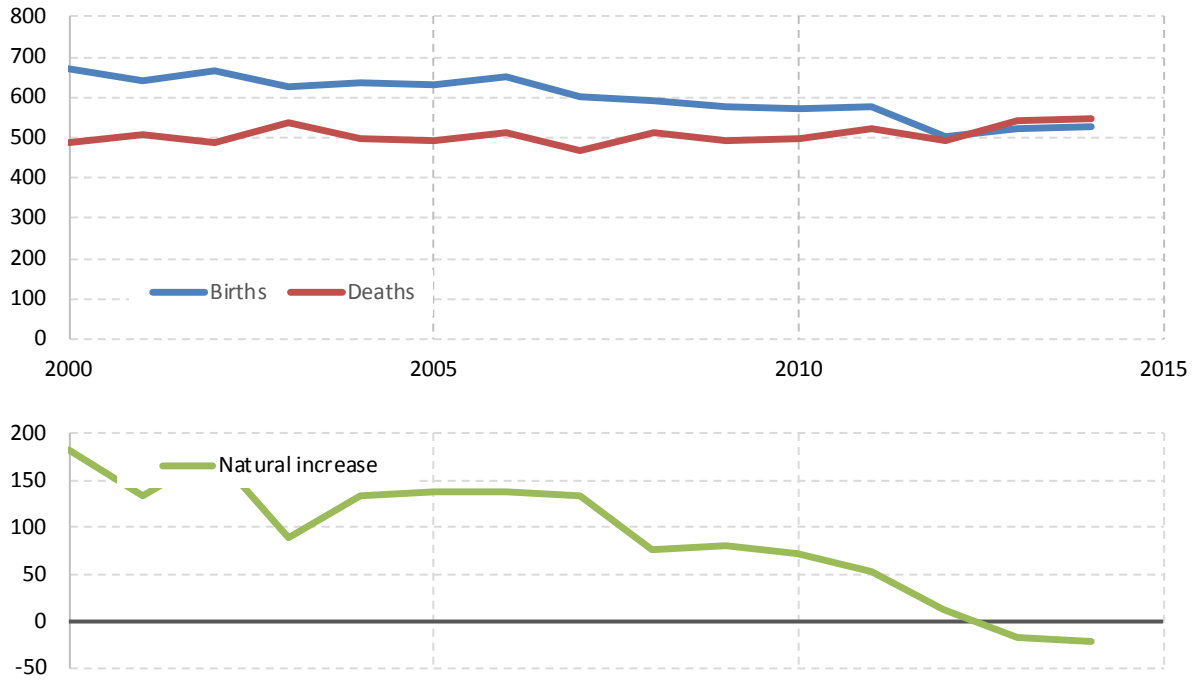
	Total Population		Difference	
	2010 base	2015	Count	%
New York State	19,378,087	19,795,791	417,704	2.2%
Livingston County	65,219	64,717	-502	-0.8%
<b>Towns</b>				
Avon	7,143	7,028	-115	-1.6%
Caledonia	4,253	4,190	-63	-1.5%
Conesus	2,475	2,435	-40	-1.6%
Geneseo	10,484	10,756	272	2.6%
Groveland	3,246	3,375	129	4.0%
Leicester	2,202	2,158	-44	-2.0%
Lima	4,261	4,188	-73	-1.7%
Livonia	7,801	7,679	-122	-1.6%
Mount Morris	4,462	4,366	-96	-2.2%
North Dansville	5,546	5,402	-144	-2.6%
Nunda	3,052	2,990	-62	-2.0%
Ossian	789	775	-14	-1.8%
Portage	887	867	-20	-2.3%
Sparta	1,624	1,598	-26	-1.6%
Springwater	2,344	2,309	-35	-1.5%
West Sparta	1,253	1,274	21	1.7%
York	3,397	3,327	-70	-2.1%

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

## 4 Components of population change

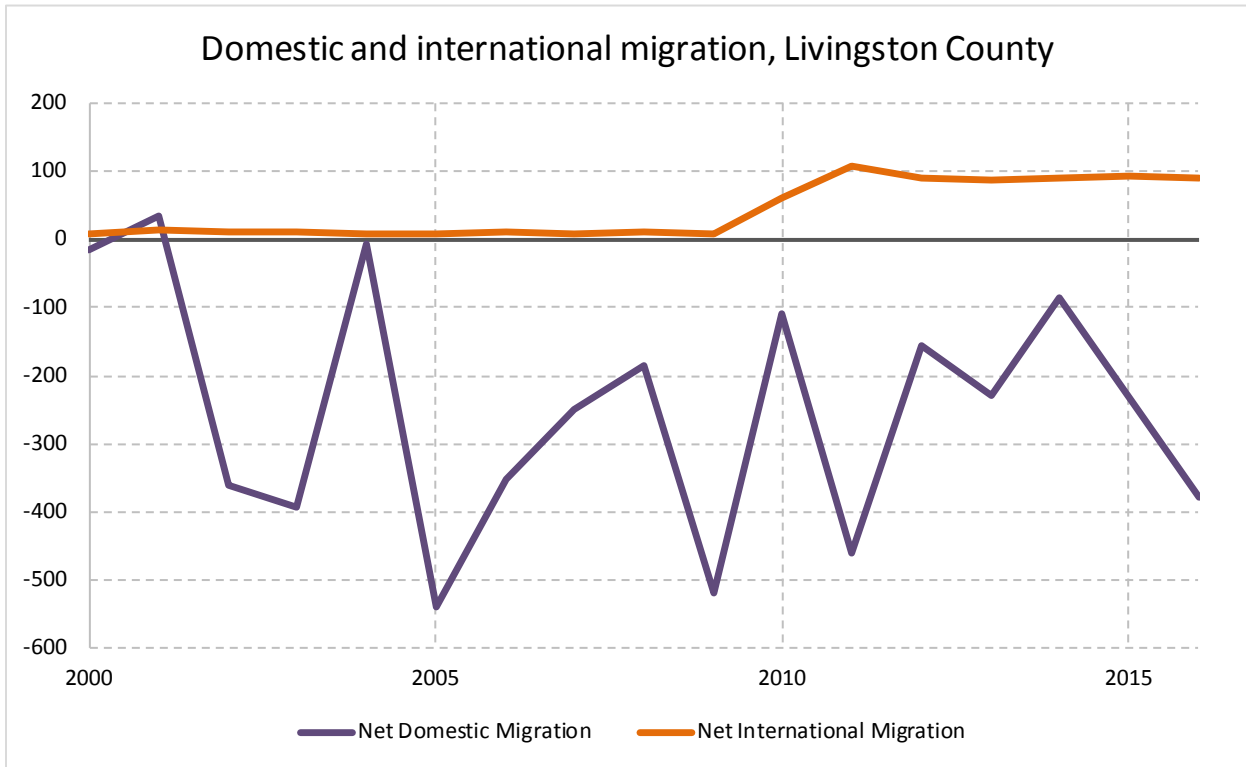
### 4.1 Vital Statistics

Vital Statistics, Livingston County



Source: New York State Department of Health

## 4.2 Migration

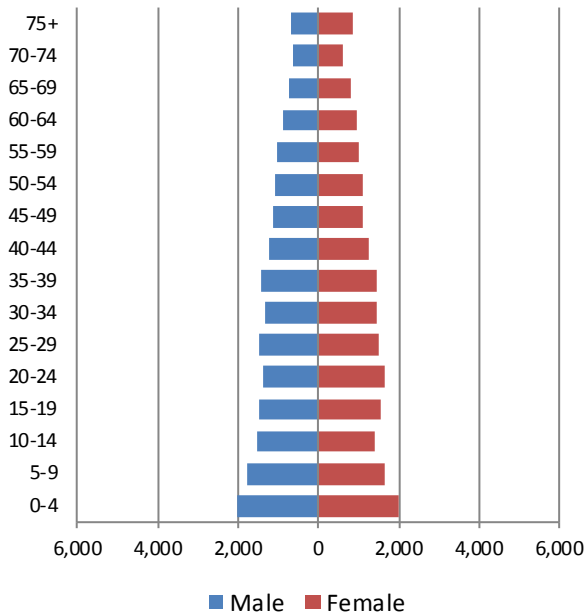


Source: Census Bureau population estimates (V2010 and V2016)

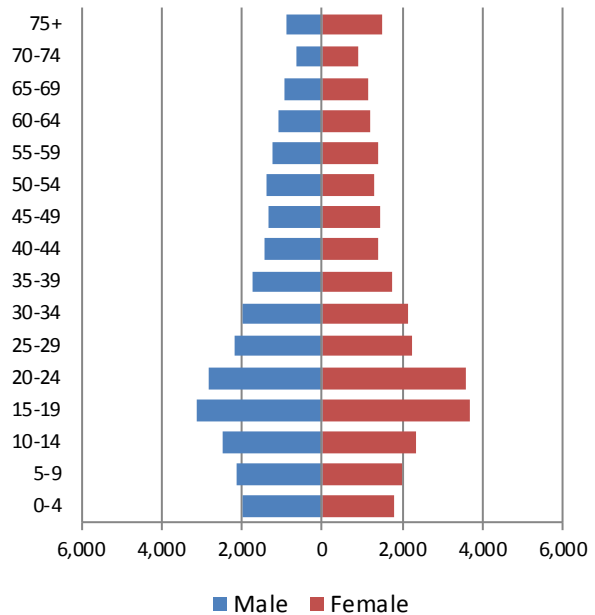
## 5 Population by age

### 5.1 Historic and projected population pyramids

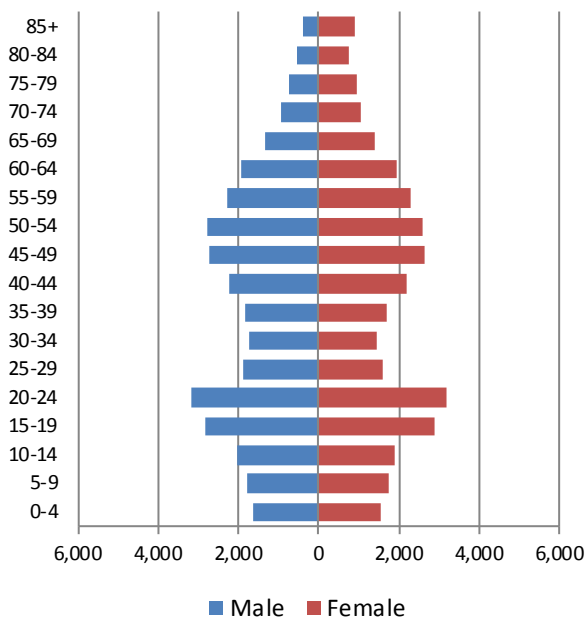
**1950 Population Pyramid,  
Livingston County**



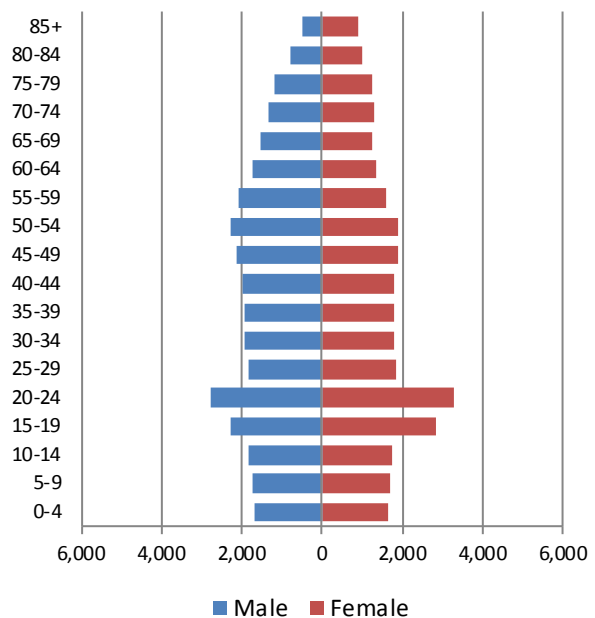
**1980 Population Pyramid,  
Livingston County**



**2010 Population Pyramid,  
Livingston County**



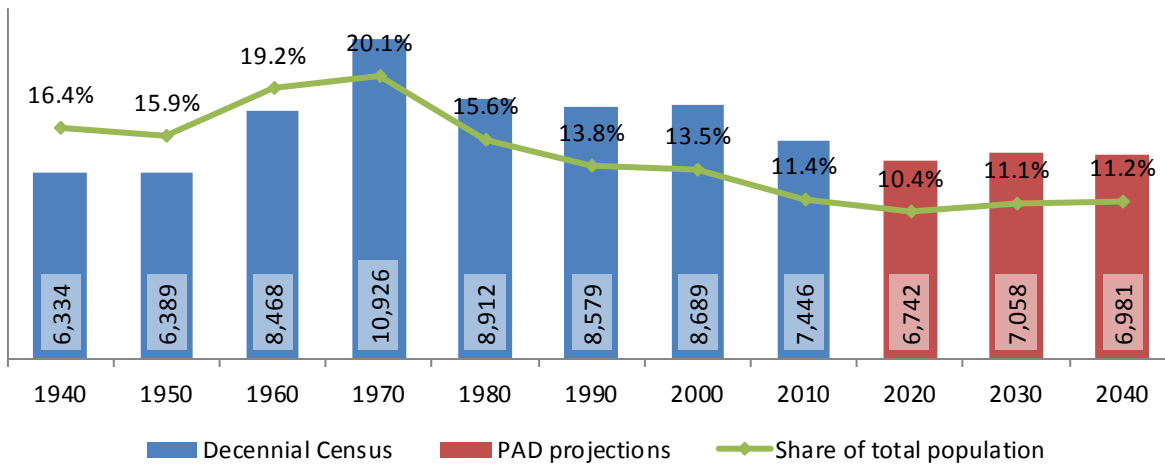
**2040 Population Pyramid,  
Livingston County**



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

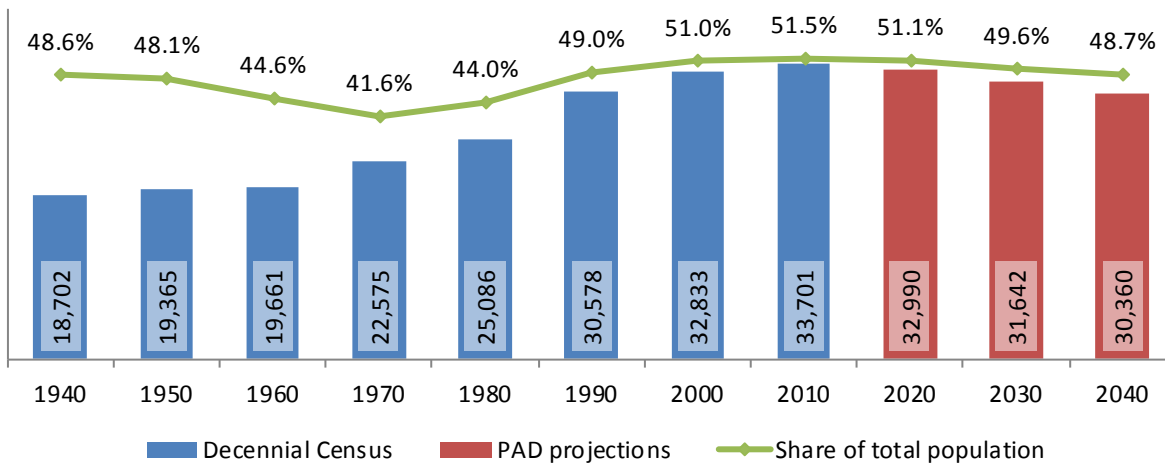
5.2 Selected age groups

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



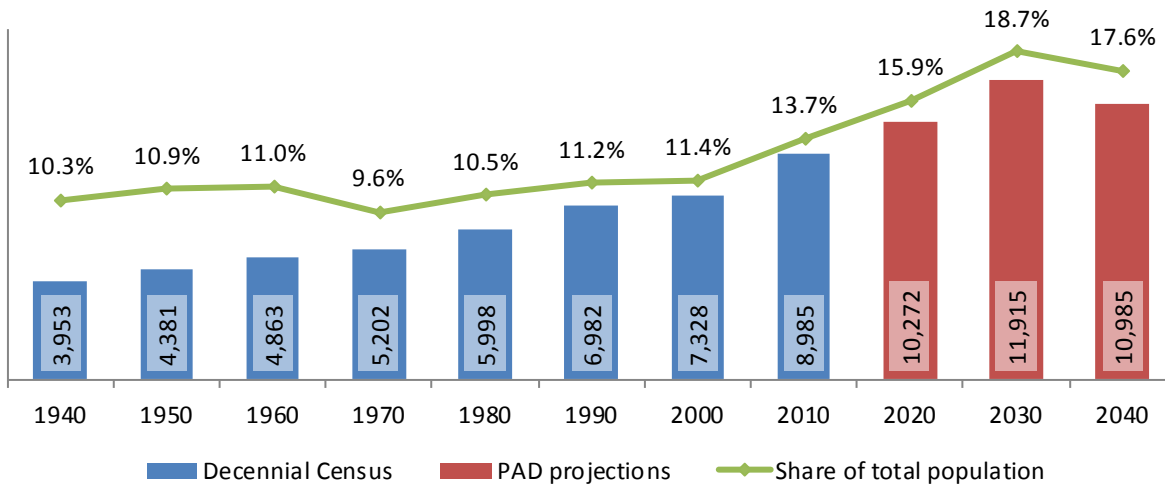
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

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



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

**Population age 65 and over, Livingston County, 1940-2040**



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

**5.3 Median age**

	Livingston County	New York State
<b>Median age</b>		
2000	35.3	35.9
2010	39.8	38.0
2015	40.5	38.3

Source: 2000, 2010 Decennial Census, 2015 Population Estimates

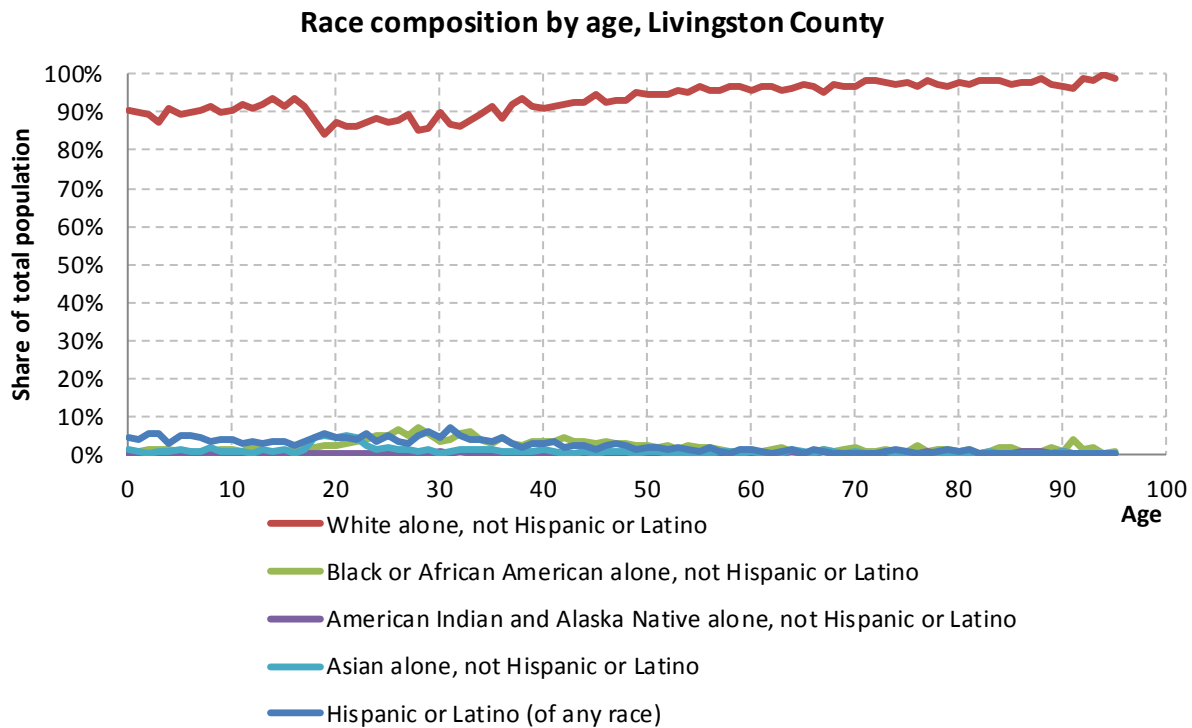
## 6 Race

### 6.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
<b>Total population</b>	65,393	100%	59,635	100%	5,758
Not Hispanic or Latino					
One race					
White	60,296	92.2%	56,339	94.5%	3,957
Black or African American	1,491	2.3%	539	0.9%	952
American Indian and Alaska Native	158	0.2%	142	0.2%	16
Asian	780	1.2%	504	0.8%	276
Native Hawaiian and Other Pacific Islander	11	0.0%	-	-	-
Some other race	54	0.1%	-	-	-
Two or more races	801	1.2%	727	1.2%	74
Hispanic or Latino (of any race)	1,802	2.8%	1,351	2.3%	451

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
<b>HOUSING OCCUPANCY</b>				
<b>Total housing units</b>	27,249	± 149	100.0%	
Occupied housing units	24,226	± 400	88.9%	± 1.2
Vacant housing units	3,023	± 336	11.1%	± 1.2
<b>YEAR STRUCTURE BUILT</b>				
<b>Total housing units</b>	27,249	± 149	100.0%	
Built 2014 or later	3	± 5	0.0%	± 0.1
Built 2010 to 2013	243	± 119	0.9%	± 0.4
Built 2000 to 2009	2,163	± 252	7.9%	± 0.9
Built 1990 to 1999	3,051	± 278	11.2%	± 1.0
Built 1980 to 1989	3,206	± 291	11.8%	± 1.1
Built 1970 to 1979	3,337	± 335	12.2%	± 1.2
Built 1960 to 1969	2,631	± 258	9.7%	± 0.9
Built 1950 to 1959	2,221	± 276	8.2%	± 1.0
Built 1940 to 1949	923	± 175	3.4%	± 0.6
Built 1939 or earlier	9,471	± 446	34.8%	± 1.6
<b>HOUSING TENURE</b>				
<b>Occupied housing units</b>	24,226	± 400	100.0%	
Owner-occupied	17,624	± 406	72.7%	± 1.4
Renter-occupied	6,602	± 379	27.3%	± 1.4
<b>HOUSE HEATING FUEL</b>				
<b>Occupied housing units</b>	24,226	± 400	100.0%	
Utility gas	11,499	± 412	47.5%	± 1.6
Bottled, tank, or LP gas	3,675	± 264	15.2%	± 1.1
Electricity	3,573	± 317	14.7%	± 1.2
Fuel oil, kerosene, etc.	2,752	± 250	11.4%	± 1.0
Coal or coke	270	± 96	1.1%	± 0.4
Wood	1,953	± 234	8.1%	± 1.0
Solar energy	0	± 27	0.0%	± 0.1
Other fuel	472	± 108	1.9%	± 0.4
No fuel used	32	± 32	0.1%	± 0.1
<b>VALUE</b>				
<b>Owner-occupied units</b>	17,624	± 406	100.0%	
Less than \$50,000	1,836	± 216	10.4%	± 1.2
\$50,000 to \$99,999	4,893	± 310	27.8%	± 1.6
\$100,000 to \$149,999	4,882	± 334	27.7%	± 1.7
\$150,000 to \$199,999	3,084	± 274	17.5%	± 1.6
\$200,000 to \$299,999	2,056	± 241	11.7%	± 1.3
\$300,000 to \$499,999	676	± 145	3.8%	± 0.8
\$500,000 to \$999,999	164	± 65	0.9%	± 0.4
\$1,000,000 or more	33	± 23	0.2%	± 0.1
Median (dollars)	121,200	± 3,095		

Source: 2011-2015 American Community Survey

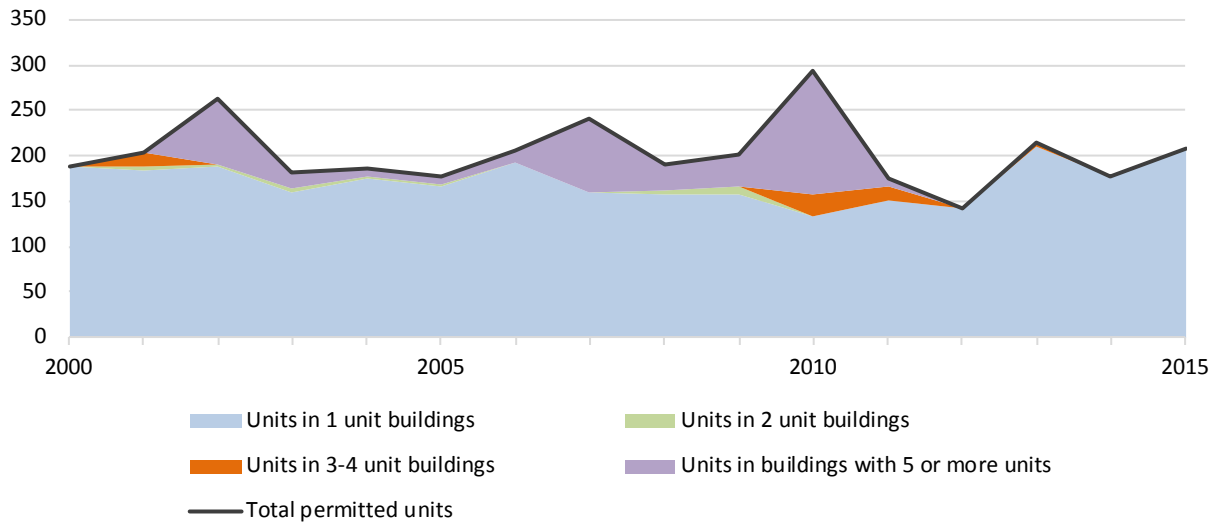
## 7.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	16,845		15,088	89.6%	1,757
1980	20,301	20.5%	18,252	89.9%	2,049
1990	23,084	13.7%	21,197	91.8%	1,887
2000	24,023	4.1%	22,150	92.2%	1,873
2010	27,123	12.9%	24,409	90.0%	2,714

Source: 1970-2010 Decennial Census

## 7.3 Building Permits 2000-2015

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



Source: Census Bureau Building Permits Survey

## 8 Education

### 8.1 Enrollment by level of school

	Estimate	Margin of error
<b>Total enrolled in school</b>	17,887	± 459
Nursery school, preschool	809	± 144
Kindergarten to 12th grade	9,535	± 183
Kindergarten	646	± 135
Elementary: grade 1 to grade 4	2,585	± 218
Elementary: grade 5 to grade 8	3,159	± 206
High school: grade 9 to grade 12	3,145	± 202
College, undergraduate	7,131	± 403
Graduate, professional school	412	± 106

Source: 2011-2015 American Community Survey

### 8.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	56.2%	± 8.4
5 to 9 years	97.8%	± 0.9
10 to 14 years	99.0%	± 0.8
15 to 17 years	94.7%	± 3.4
18 and 19 years	90.6%	± 3.2
20 to 24 years	58.2%	± 4.2
25 to 34 years	7.9%	± 2.2
35 years and over	1.9%	± 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	9,894	± 161
Enrolled in college or graduate school	65.0%	± 3.5
Males 18 to 24 years	4,813	± 144
Enrolled in college or graduate school	56.9%	± 5.1
Females 18 to 24 years	5,081	± 105
Enrolled in college or graduate school	72.6%	± 4.9

Source: 2011-2015 American Community Survey

## 8.4 Educational attainment

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
<b>Population 25 years and over</b>	42,546	± 158	100%	
<b>EDUCATIONAL ATTAINMENT</b>				
Less than 9th grade	1,235	± 236	2.9%	± 0.6
9th to 12th grade, no diploma	3,612	± 347	8.5%	± 0.8
High school graduate (includes equivalency)	14,352	± 582	33.7%	± 1.3
Some college, no degree	7,820	± 496	18.4%	± 1.2
Associate's degree	5,484	± 353	12.9%	± 0.8
Bachelor's degree	5,518	± 424	13.0%	± 1.0
Graduate or professional degree	4,525	± 331	10.6%	± 0.8
Percent high school graduate or higher			88.6%	± 1.0
Percent bachelor's degree or higher			23.6%	± 1.2

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
<b>Population 5 years and over</b>	61,775	± 97	100%			
<b>LANGUAGE SPOKEN AT HOME</b>						
English only	58,021	± 424	93.9%	± 0.6		
Language other than English	3,754	± 400	6.1%	± 0.6	981	± 185
Spanish	1,532	± 224	2.5%	± 0.4	566	± 139
Other Indo-European languages	1,363	± 345	2.2%	± 0.6	143	± 60
Asian and Pacific Islander languages	668	± 84	1.1%	± 0.1	232	± 85
Other languages	191	± 82	0.3%	± 0.1	40	± 56

Source: 2011-2015 American Community Survey

## 10 Labor Force Characteristics

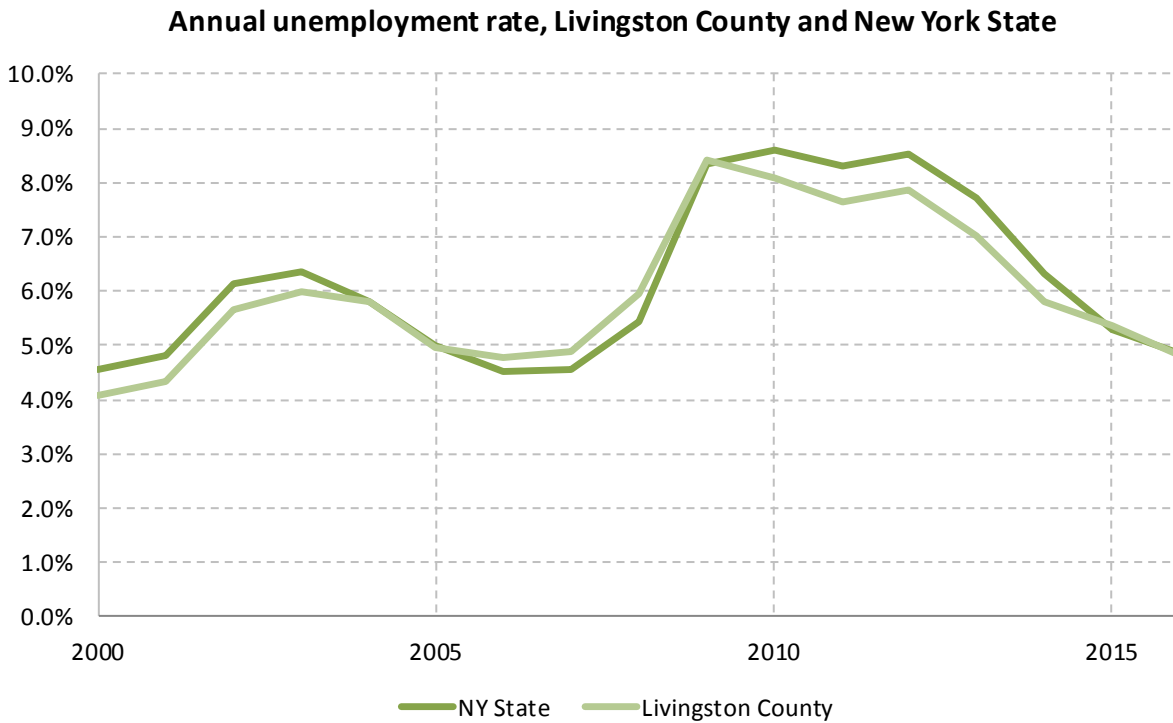
### 10.1 Labor force, employment and unemployment

	TOTAL		IN LABOR FORCE		EMPLOYED		UNEMPLOYMENT RATE	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
<b>Population 16 years and over</b>	54,112	± 162	58.8%	± 1.1	55.6%	± 1.2	5.4%	± 0.8
<b>AGE</b>								
16 to 19 years	5,076	± 200	31.2%	± 4.7	26.5%	± 4.2	15.1%	± 4.1
20 to 24 years	6,490	± 160	64.7%	± 4.3	60.3%	± 4.0	6.8%	± 2.2
25 to 29 years	3,450	± 117	74.2%	± 4.6	69.3%	± 5.1	6.2%	± 3.8
30 to 34 years	3,245	± 104	74.8%	± 4.3	71.3%	± 4.5	4.7%	± 2.1
35 to 44 years	7,165	± 163	81.0%	± 2.5	77.0%	± 2.7	4.9%	± 2.0
45 to 54 years	9,843	± 162	79.5%	± 2.5	76.9%	± 2.5	3.3%	± 1.0
55 to 59 years	4,845	± 256	75.9%	± 3.2	72.2%	± 3.7	4.9%	± 2.1
60 to 64 years	4,094	± 254	57.7%	± 4.5	54.7%	± 4.3	5.3%	± 2.9
65 to 74 years	5,480	± 55	21.2%	± 2.6	20.0%	± 2.5	5.8%	± 3.2
75 years and over	4,424	± 58	5.2%	± 1.5	4.9%	± 1.5	6.5%	± 9.7
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>								
White alone	50,588	± 190	60.0%	± 1.1	56.9%	± 1.1	5.2%	± 0.7
Black or African American alone	1,520	± 124	28.0%	± 9.2	27.6%	± 9.2	1.4%	± 2.8
American Indian and Alaska Native alone	85	± 56	50.6%	± 27.1	50.6%	± 27.1	0.0%	± 43.5
Asian alone	788	± 54	44.5%	± 12.4	41.4%	± 12.3	7.1%	± 6.4
Two or more races	743	± 180	56.7%	± 9.8	46.8%	± 10.5	17.3%	± 11.4
Hispanic or Latino origin (of any race)	1,591	± 32	44.4%	± 7.6	36.9%	± 8.8	16.9%	± 12.1
White alone, not Hispanic or Latino	49,619	± 144	60.4%	± 1.1	57.3%	± 1.1	5.1%	± 0.7
<b>SEX</b>								
<b>Population 20 to 64 years</b>	39,132	± 142	73.7%	± 1.2	70.1%	± 1.3	4.9%	± 0.8
Male	20,157	± 116	73.1%	± 1.7	69.3%	± 1.9	5.2%	± 1.2
Female	18,975	± 114	74.4%	± 1.9	71.0%	± 2.1	4.5%	± 1.2
With own children under 18 years	6,384	± 342	78.2%	± 3.0	73.5%	± 3.4	5.9%	± 2.5
<b>EDUCATIONAL ATTAINMENT</b>								
<b>Population 25 to 64 years</b>	32,642	± 167	75.5%	± 1.2	72.1%	± 1.5	4.5%	± 0.9
Less than high school graduate	3,090	± 344	46.2%	± 6.6	43.6%	± 6.2	5.7%	± 4.8
High school graduate (includes equivalency)	10,433	± 554	69.7%	± 2.3	66.3%	± 2.6	4.9%	± 1.7
Some college or associate's degree	11,147	± 512	80.6%	± 1.9	76.0%	± 2.2	5.7%	± 1.8
Bachelor's degree or higher	7,972	± 504	87.6%	± 2.0	85.3%	± 2.2	2.4%	± 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%

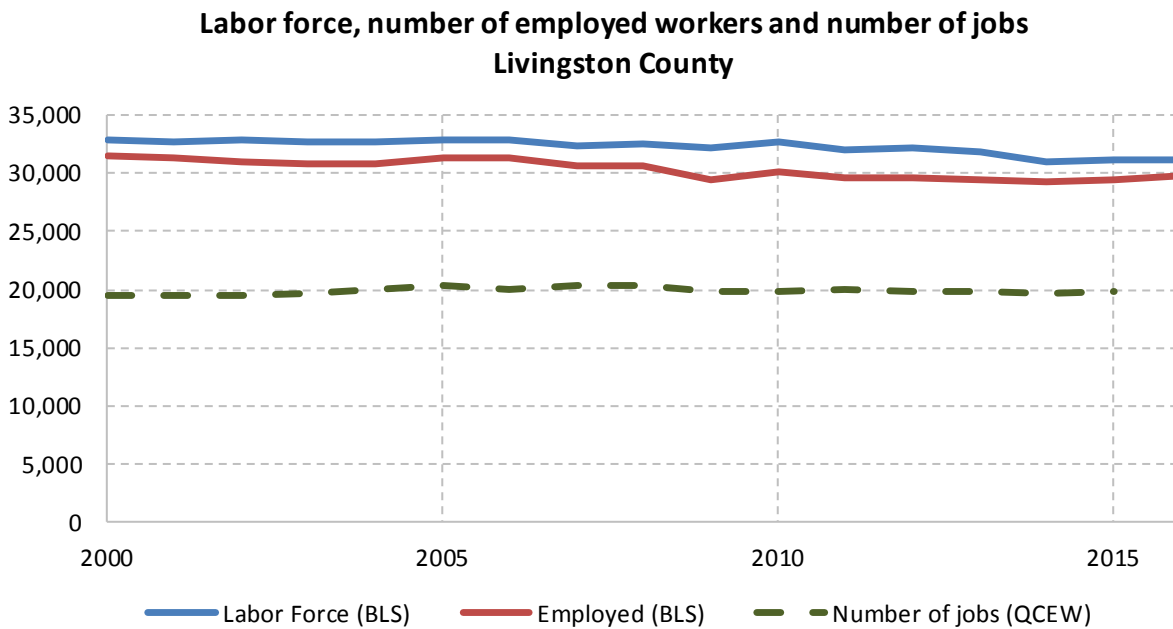
Source: 2011-2015 American Community Survey

### 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

		<b>Total</b>	<b>%Male</b>	<b>%Female</b>
Civilian employed population 16 years and over	Estimate	30,099	50.7%	49.3%
	<i>Margin of error</i>	$\pm 628$	$\pm 1.1$	$\pm 1.1$
Private for-profit wage and salary workers:	Estimate	19,474	55.1%	44.9%
	<i>Margin of error</i>	$\pm 653$	$\pm 1.7$	$\pm 1.7$
Employee of private company workers	Estimate	18,778	54.6%	45.4%
	<i>Margin of error</i>	$\pm 632$	$\pm 1.8$	$\pm 1.8$
Self-employed in own incorporated business workers	Estimate	696	68.8%	31.2%
	<i>Margin of error</i>	$\pm 162$	$\pm 10.8$	$\pm 10.8$
Private not-for-profit wage and salary workers	Estimate	2,776	31.4%	68.6%
	<i>Margin of error</i>	$\pm 315$	$\pm 4.4$	$\pm 4.4$
Local government workers	Estimate	2,510	40.1%	59.9%
	<i>Margin of error</i>	$\pm 279$	$\pm 5.1$	$\pm 5.1$
State government workers	Estimate	3,145	38.3%	61.7%
	<i>Margin of error</i>	$\pm 367$	$\pm 4.6$	$\pm 4.6$
Federal government workers	Estimate	279	63.1%	36.9%
	<i>Margin of error</i>	$\pm 78$	$\pm 17.0$	$\pm 17.0$
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	1,915	66.8%	33.2%
	<i>Margin of error</i>	$\pm 279$	$\pm 4.8$	$\pm 4.8$

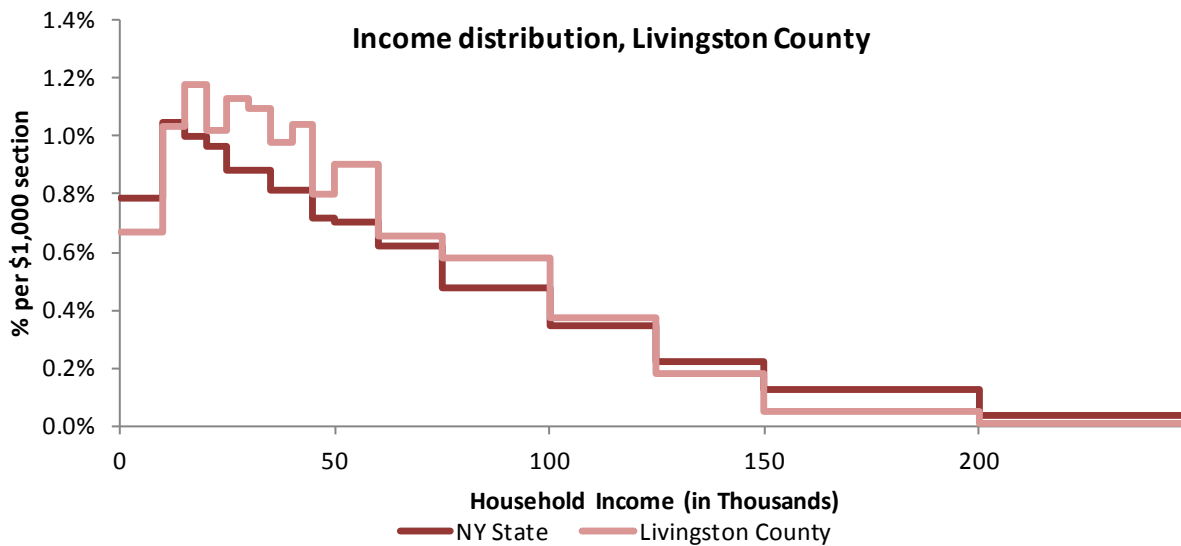
Source: 2011-2015 American Community Survey

## 11 Household Income

### 11.1 Income Distribution

	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
<b>Total:</b>	24,226	± 400		
Less than \$10,000	1,617	± 206	10	161.7
\$10,000 to \$14,999	1,253	± 268	5	250.6
\$15,000 to \$19,999	1,426	± 250	5	285.2
\$20,000 to \$24,999	1,232	± 218	5	246.4
\$25,000 to \$29,999	1,371	± 236	5	274.2
\$30,000 to \$34,999	1,328	± 183	5	265.6
\$35,000 to \$39,999	1,186	± 174	5	237.2
\$40,000 to \$44,999	1,260	± 212	5	252.0
\$45,000 to \$49,999	967	± 171	5	193.4
\$50,000 to \$59,999	2,182	± 270	10	218.2
\$60,000 to \$74,999	2,384	± 281	15	158.9
\$75,000 to \$99,999	3,518	± 217	25	140.7
\$100,000 to \$124,999	2,279	± 210	25	91.2
\$125,000 to \$149,999	1,115	± 190	25	44.6
\$150,000 to \$199,999	645	± 133	50	12.9
\$200,000 or more	463	± 121	-	-

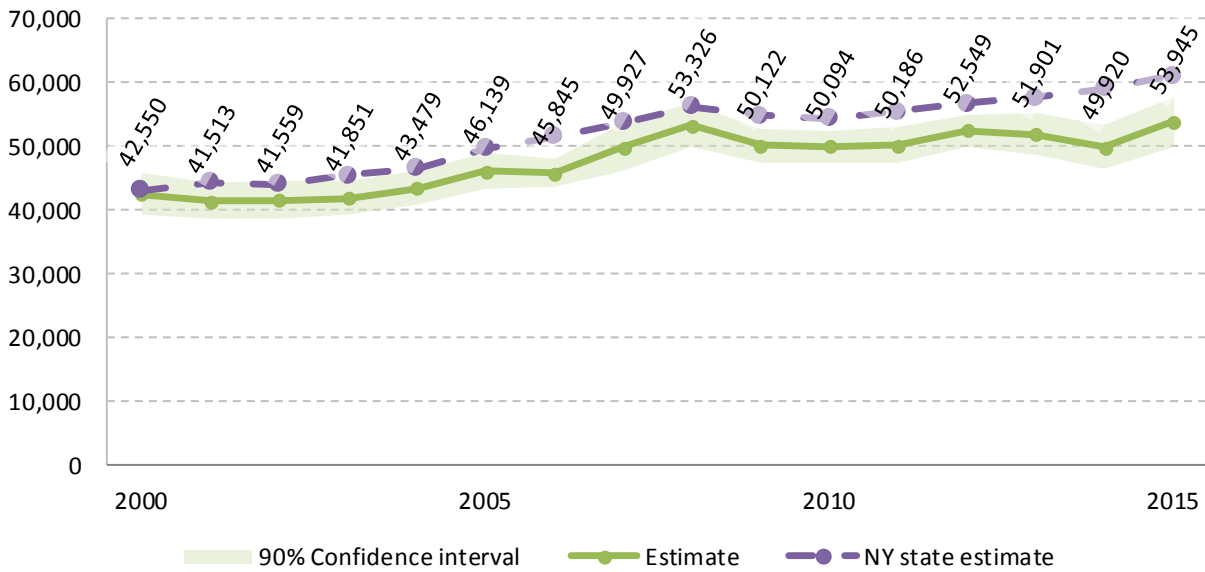
Source: 2011-2015 American Community Survey



Source: 2011-2015 American Community Survey

## 11.2 Median household income: Trends over time

Median Household Income (\$), Livingston County, 2000-2015



Source: Small Area Income and Poverty Estimates (SAIPE)

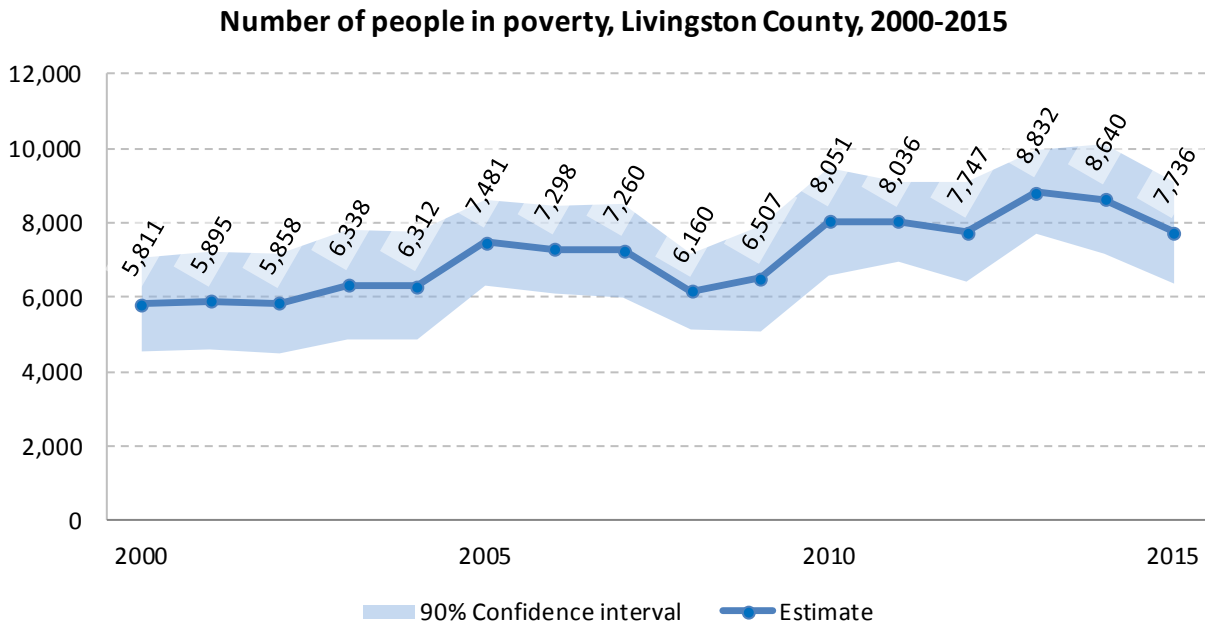
## 12 Poverty

### 12.1 Family Income to Poverty Ratio

	TOTAL		PERCENT OF ALL	
	Estimate	Margin of error	Estimate	Margin of error
<b>All families</b>	15,650	± 406		
<b>ALL FAMILIES WITH INCOME:</b>				
Below 50 percent of poverty level	554	± 115	3.5%	± 0.7
<b>Below 100 percent of poverty level</b>	1,587	± 257	<b>10.1%</b>	<b>± 1.6</b>
Below 125 percent of poverty level	2,108	± 297	13.5%	± 1.9
Below 150 percent of poverty level	2,738	± 339	17.5%	± 2.1
Below 185 percent of poverty level	3,498	± 349	22.4%	± 2.2
Below 200 percent of poverty level	3,916	± 355	25.0%	± 2.2
Below 300 percent of poverty level	6,469	± 438	41.3%	± 2.6
Below 400 percent of poverty level	8,987	± 467	57.4%	± 2.6
Below 500 percent of poverty level	11,081	± 446	70.8%	± 2.2

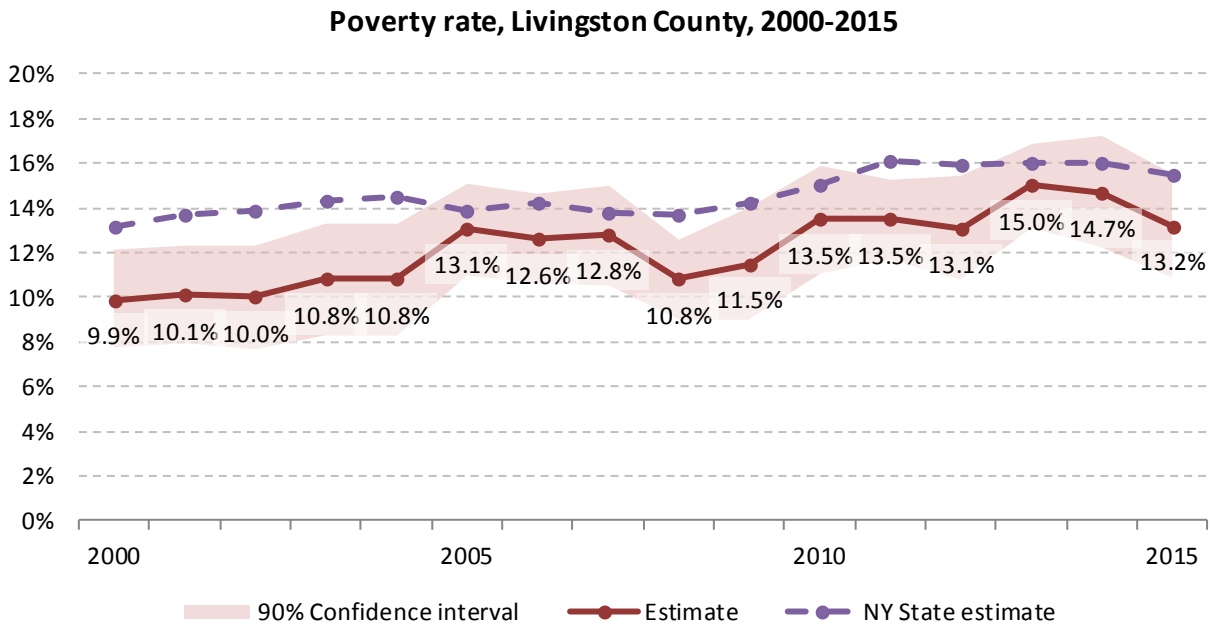
Source: 2011-2015 American Community Survey

**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
<b>Population for whom poverty status is determined</b>	58,834	± 361	8,681	± 817	14.8%	± 1.4
<b>AGE</b>						
Under 18 years	12,195	± 87	2,288	± 377	18.8%	± 3.1
Under 5 years	2,990	± 98	806	± 232	27.0%	± 7.5
5 to 17 years	9,205	± 87	1,482	± 277	16.1%	± 3.0
18 to 34 years	12,170	± 401	3,252	± 375	26.7%	± 2.8
35 to 64 years	24,928	± 233	2,380	± 350	9.5%	± 1.4
65 years and over	9,541	± 115	761	± 150	8.0%	± 1.6
<b>SEX</b>						
Male	28,917	± 286	3,775	± 461	13.1%	± 1.6
Female	29,917	± 256	4,906	± 513	16.4%	± 1.7
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>						
White alone	56,065	± 399	7,708	± 759	13.7%	± 1.3
Black or African American alone	612	± 151	163	± 103	26.6%	± 15.4
American Indian and Alaska Native alone	92	± 59	0	± 27	0.0%	± 27.2
Asian alone	623	± 108	240	± 135	38.5%	± 21.7
Hispanic or Latino origin (of any race)	1,537	± 128	662	± 200	43.1%	± 12.7
White alone, not Hispanic or Latino	55,098	± 306	7,403	± 752	13.4%	± 1.3
<b>EDUCATIONAL ATTAINMENT</b>						
<b>Population 25 years and over</b>	40,497	± 239	4,219	± 472	10.4%	± 1.2
Less than high school graduate	4,248	± 417	1,206	± 295	28.4%	± 5.7
High school graduate (includes equivalency)	13,520	± 584	1,562	± 259	11.6%	± 1.9
Some college, associate's degree	12,779	± 559	1,130	± 202	8.8%	± 1.5
Bachelor's degree or higher	9,950	± 522	321	± 103	3.2%	± 1.1
<b>EMPLOYMENT STATUS</b>						
<b>Civilian labor force 16 years and over</b>	30,775	± 580	2,847	± 338	9.3%	± 1.1
Employed	29,114	± 609	2,325	± 304	8.0%	± 1.0
Male	14,937	± 452	917	± 188	6.1%	± 1.2
Female	14,177	± 454	1,408	± 254	9.9%	± 1.8
Unemployed	1,661	± 247	522	± 154	31.4%	± 7.3
Male	878	± 181	305	± 132	34.7%	± 11.0
Female	783	± 187	217	± 92	27.7%	± 9.2
<b>WORK EXPERIENCE IN THE PAST 12 MONTHS</b>						
<b>Population 16 years and over</b>	14,177	± 454	1,408	± 254	9.9%	± 1.8
Worked full-time, year-round	1,661	± 247	522	± 154	31.4%	± 7.3
Worked part-time or part-year	878	± 181	305	± 132	34.7%	± 11.0
Did not work	783	± 187	217	± 92	27.7%	± 9.2

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

Livingston County homepage: <http://www.co.livingston.state.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=51>
- Community and Regional Development Institute (CaRDI)  
URL: <https://cardi.cals.cornell.edu/>
- Cornell Cooperative Extensions (CCE)  
Home page: <http://www.cce.cornell.edu>
  - Livingston local office: <http://www.ccelivingstoncounty.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/PST045216/36,36051>
  - American FactFinder: <http://factfinder.census.gov/>
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  - Decennial Census
    - Background: <https://www.census.gov/2010census/>
    - Demographic Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10\\_SF1/SF1DP1/0500000US36051\\_1](http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10_SF1/SF1DP1/0500000US36051_1)
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    - Social Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15\\_5YR/DP02/0500000US36051](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP02/0500000US36051)
    - Economic Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15\\_5YR/DP03/0500000US36051](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP03/0500000US36051)
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    - Demographics Data Profile: [http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15\\_5YR/DP05/0500000US36051](http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/15_5YR/DP05/0500000US36051)
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    - 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/](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/](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/>