

Madison County Profile 2013

A collection of recent demographic, social, economic and agricultural data

Compiled by Jan Vink

Assisted by Joe Francis, Sutee Anantsuksomsri, Nij Tontisirin, Johannes Plambeck



Cornell University
Cooperative Extension



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 Cornell Cooperative Extension and promoted with webinars and workshops in coordination with the Community & Regional Development Institute.

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.

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

Cornell Cooperative Extension:

Cornell Cooperative Extension (CCE) puts knowledge to work in pursuit of economic vitality, ecological sustainability and social well-being. We bring local experience and research based solutions together, helping New York State families and communities thrive in our rapidly changing world.

For more information: <http://cce.cornell.edu/>

Community & Regional Development Institute:

The Community & Regional Development Institute (CaRDI) supports informed decision making for residents and communities in New York State through applied research and education.

For more information: <http://cardi.cornell.edu/>

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

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

Contents

Contents 2

1 Reference Maps 4

2 Population density and Urban Areas Map 6

3 Total Population 7

 3.1 Historic and projected 7

 3.2 Change since previous Census 7

 3.3 Annual population estimates 8

 3.4 Percentage sub county change 2000-2010 9

4 Population by age 11

 4.1 Historic and projected population pyramids 11

 4.2 Selected age groups 12

 4.3 Median age: comparison between areas 14

5 Race 15

 5.1 Total and household population by race 15

 5.2 Race composition by age 15

6 Housing units 16

 6.1 Characteristics 16

 6.2 Historical data on number of housing units and occupancy status 17

7 Education 18

 7.1 Enrollment by level of school 18

 7.2 Enrollment by age 18

 7.3 Percentage age 18-24 enrolled in college 18

 7.4 Educational attainment 19

8 Language spoken at home 19

9 Labor Force Characteristics 20

 9.1 Labor force, employment and unemployment 20

 9.2 Annual unemployment rate 21

 9.3 Monthly unemployment rate 21

 9.4 Employment and number of jobs 22

 9.5 Class of worker 22

 9.6 Jobs by industry sector 23

10 Household Income 24

 10.1 Distribution 24

 10.2 Median household income: Trends over time 25

 10.3 Median household income: Comparison between areas 26

11 Poverty 27

 11.1 Poverty characteristics 27

 11.2 Poverty: Trends over time: Count 28

 11.3 Poverty: Trends over time: Rate 28

 11.4 Poverty rate: comparison between areas 29

12 Agriculture 30

 12.1 Number of farms and land in farms 30

 12.2 Farm Operator Characteristics 30

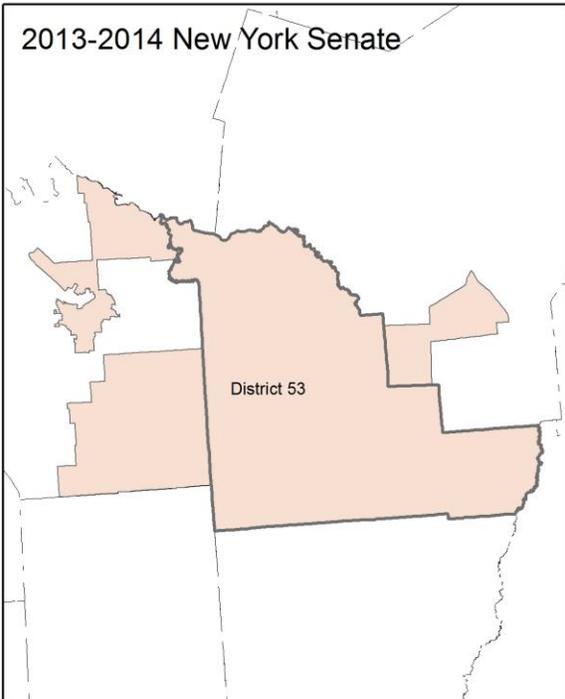
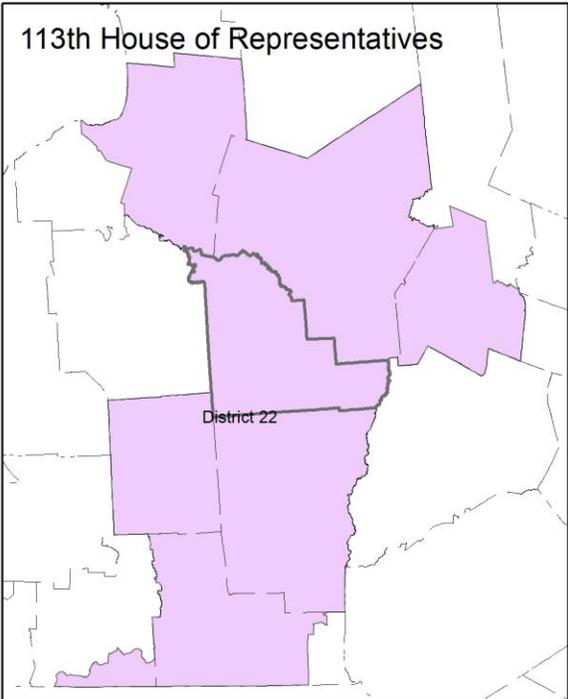
12.3 Map of type of crop 31
12.4 Estimated acreage by crop 32
13 Climate 33
14 Glossary..... 34
15 References 37

1 Reference Maps

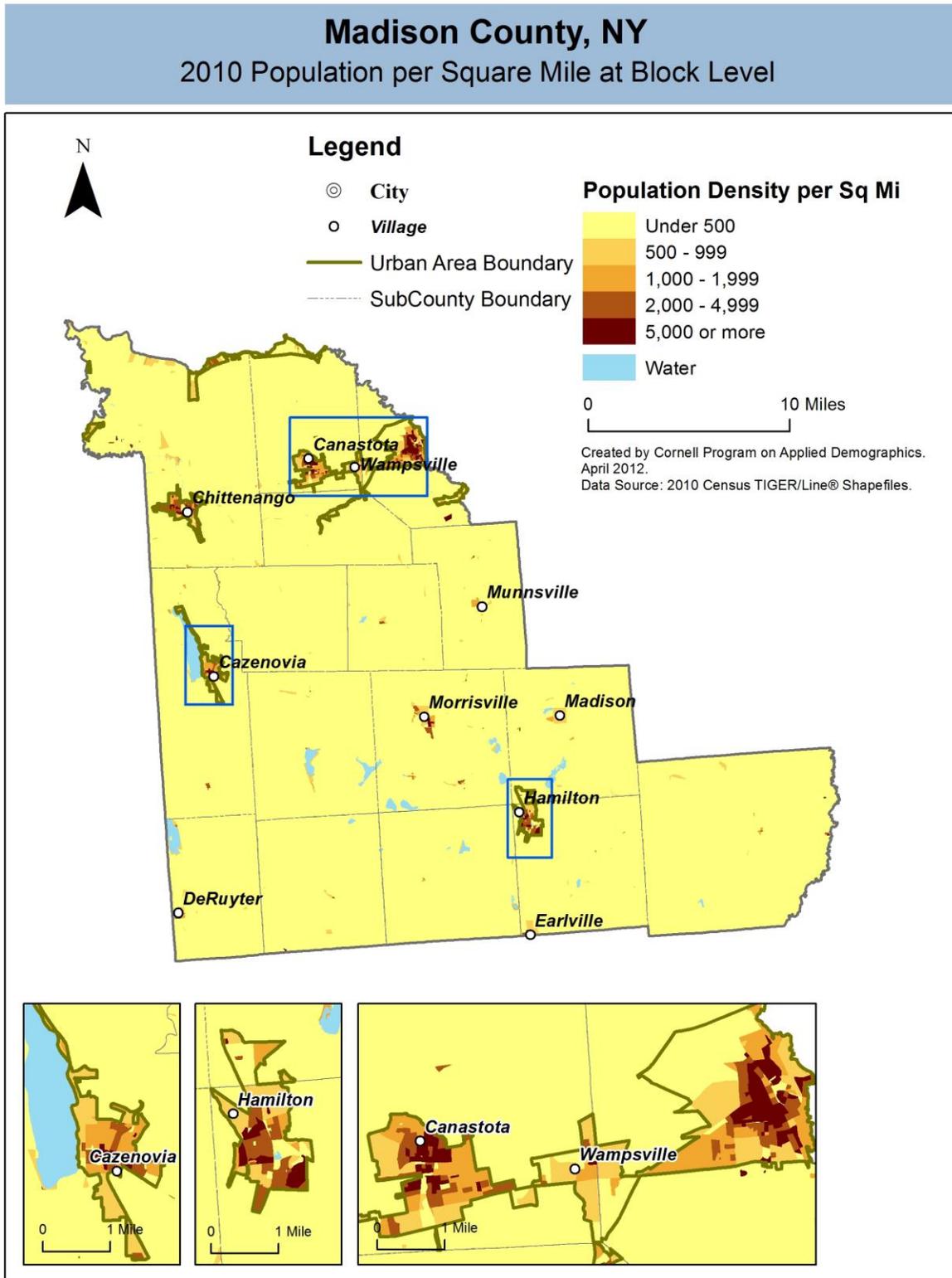


Madison County, NY

Overlap with School and Political Districts



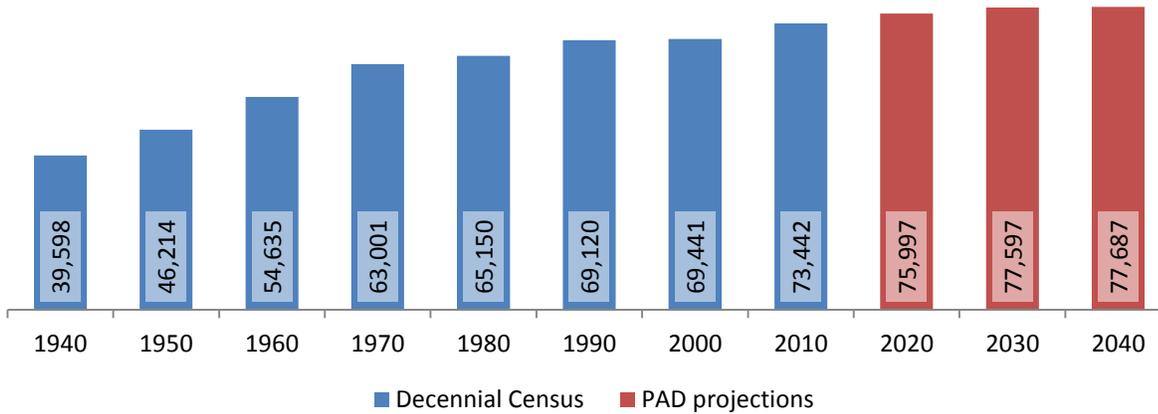
2 Population density and Urban Areas Map



3 Total Population

3.1 Historic and projected

Total population, Madison County, 1940-2040



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

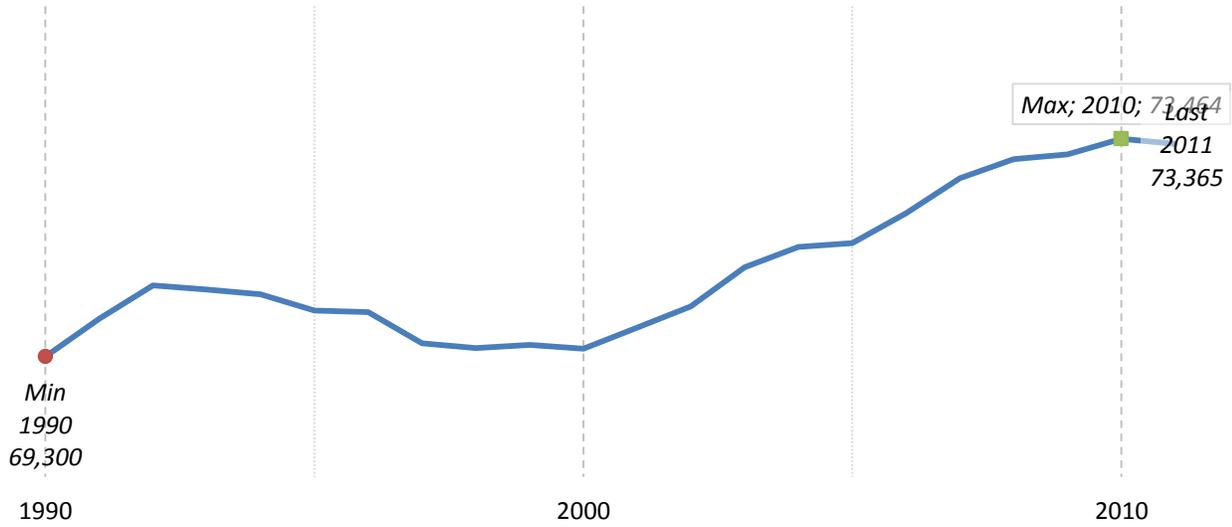
3.2 Change since previous Census

		Total population	Change	
			Number	Percent
Decennial Census	1940	39,598		
	1950	46,214	6,616	16.7%
	1960	54,635	8,421	18.2%
	1970	63,001	8,366	15.3%
	1980	65,150	2,149	3.4%
	1990	69,120	3,970	6.1%
	2000	69,441	321	0.5%
	2010	73,442	4,001	5.8%
PAD projections	2020	75,997	2,555	3.5%
	2030	77,597	1,600	2.1%
	2040	77,687	90	0.1%

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

3.3 Annual population estimates

**Annual population estimates
Madison County, 1990-2011**



Source: U.S. Census Bureau population estimates (1990-1999 and 2000-2009 intercensal and vintage 2011 postcensal)

3.4 Percentage sub county change 2000-2010

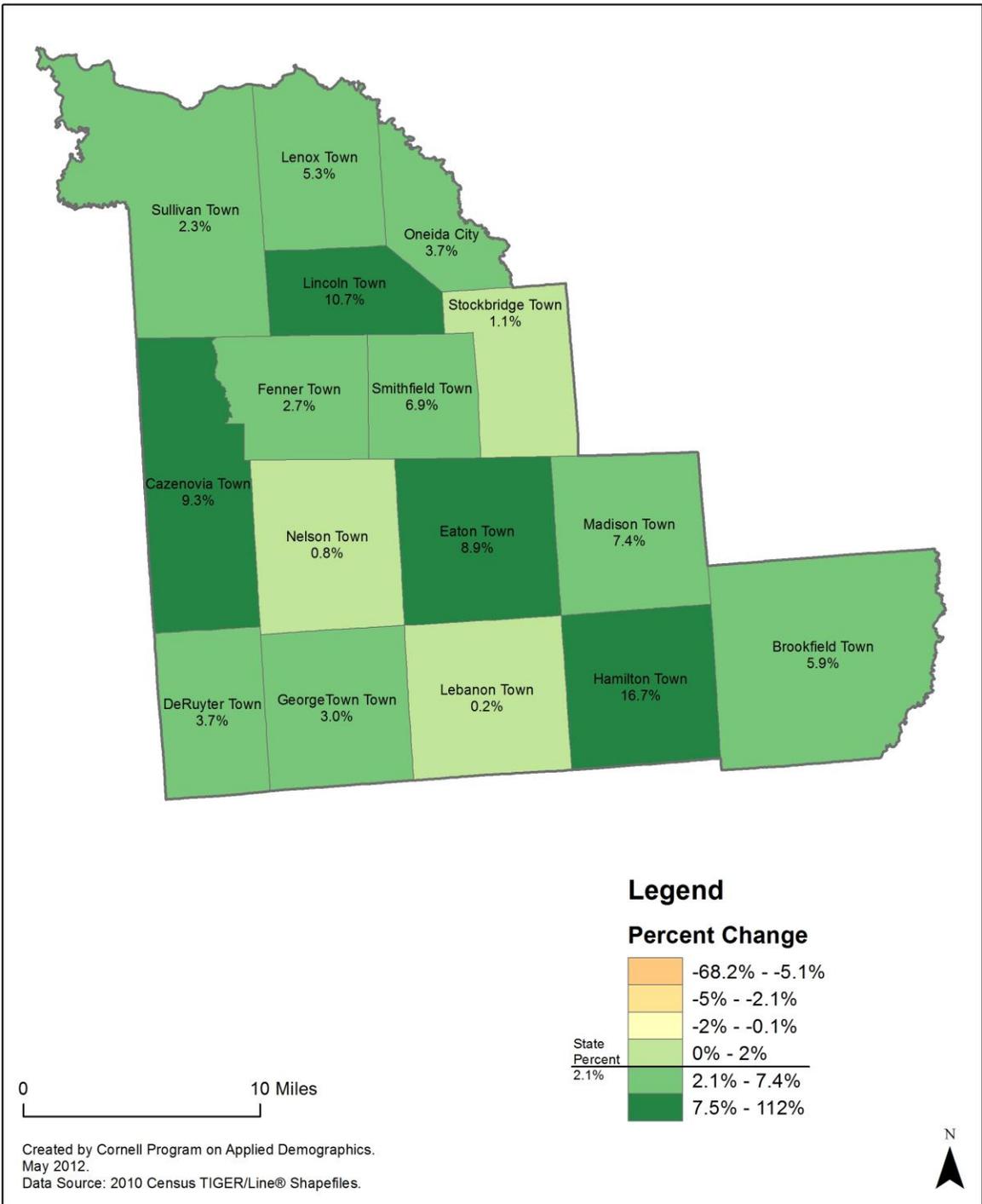
	Total Population		Difference	
	2000	2010	Count	%
New York State	18,976,821 *	19,378,102	401,281	2.1%
Madison County	69,441	73,442	4,001	5.8%
Cities				
Oneida	10,987	11,393	406	3.7%
Towns				
Brookfield	2,403	2,545	142	5.9%
Cazenovia	6,481	7,086	605	9.3%
DeRuyter	1,532	1,589	57	3.7%
Eaton	4,826	5,255	429	8.9%
Fenner	1,680	1,726	46	2.7%
Georg	946	974	28	3.0%
Hamilton	5,733	6,690	957	16.7%
Lebanon	1,329	1,332	3	0.2%
Lenox	8,665	9,122	457	5.3%
Lincoln	1,818	2,012	194	10.7%
Madison	2,801	3,008	207	7.4%
Nelson	1,964	1,980	16	0.8%
Smithfield	1,205	1,288	83	6.9%
Stockbridge	2,080	2,103	23	1.1%
Sullivan	14,991	15,339	348	2.3%

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

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

Madison County, NY

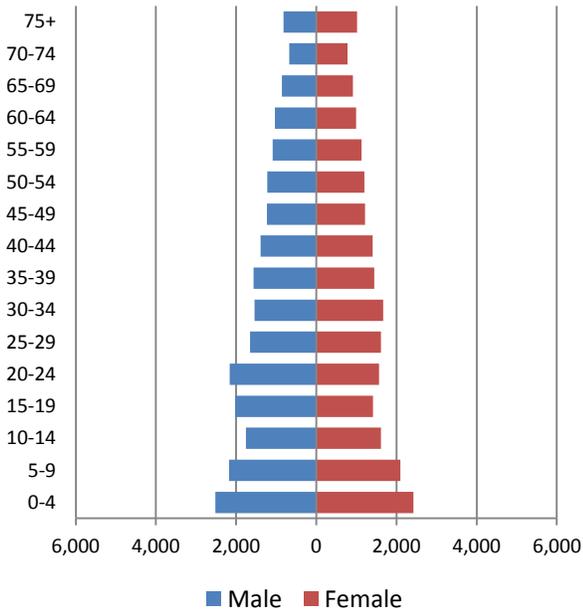
County Subdivision, Percent Change in Population 2000-2010



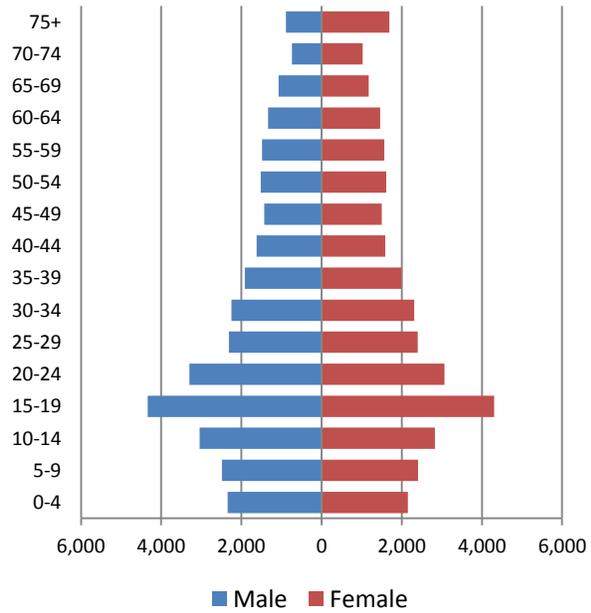
4 Population by age

4.1 Historic and projected population pyramids

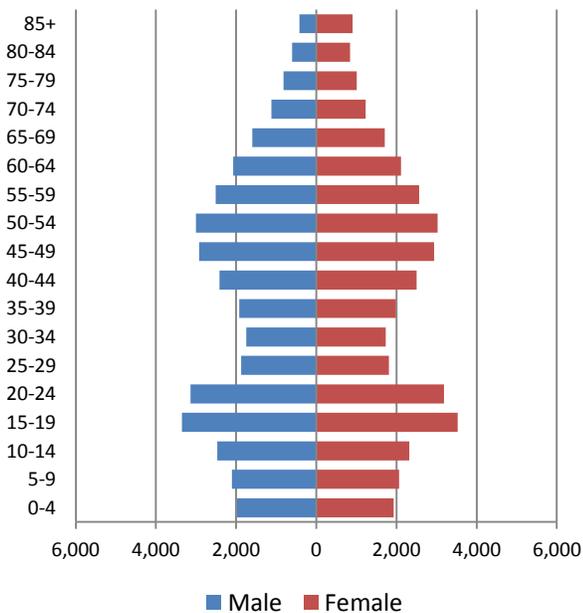
1950 Population Pyramid, Madison County



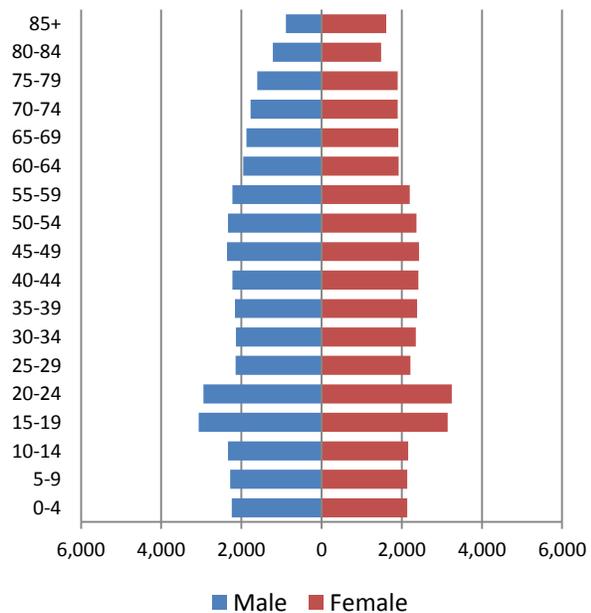
1980 Population Pyramid, Madison County



2010 Population Pyramid, Madison County



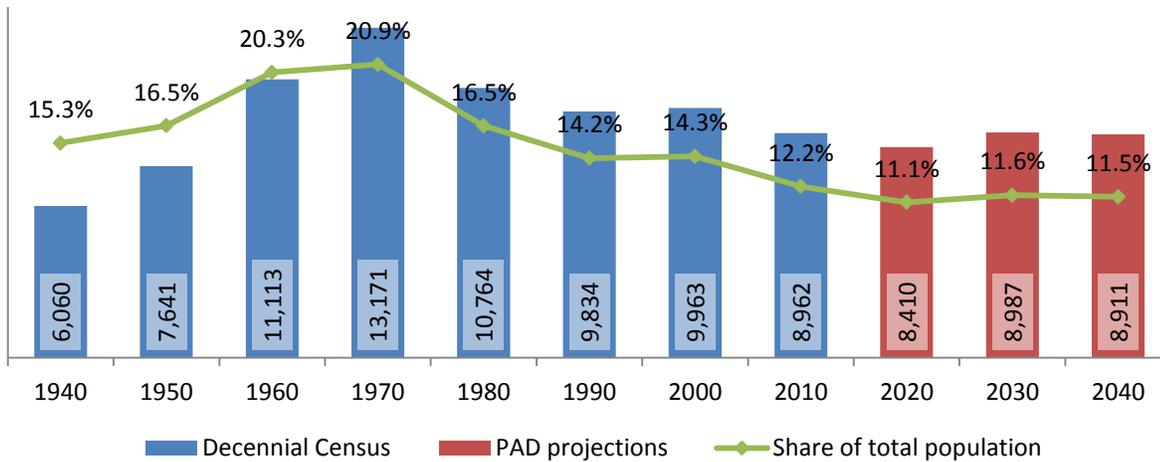
2040 Population Pyramid, Madison County



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

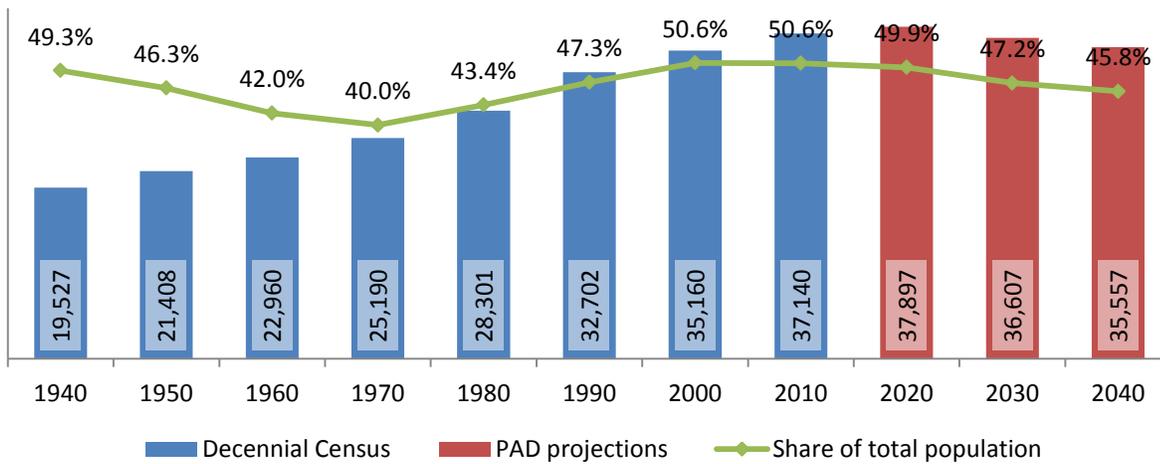
4.2 Selected age groups

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



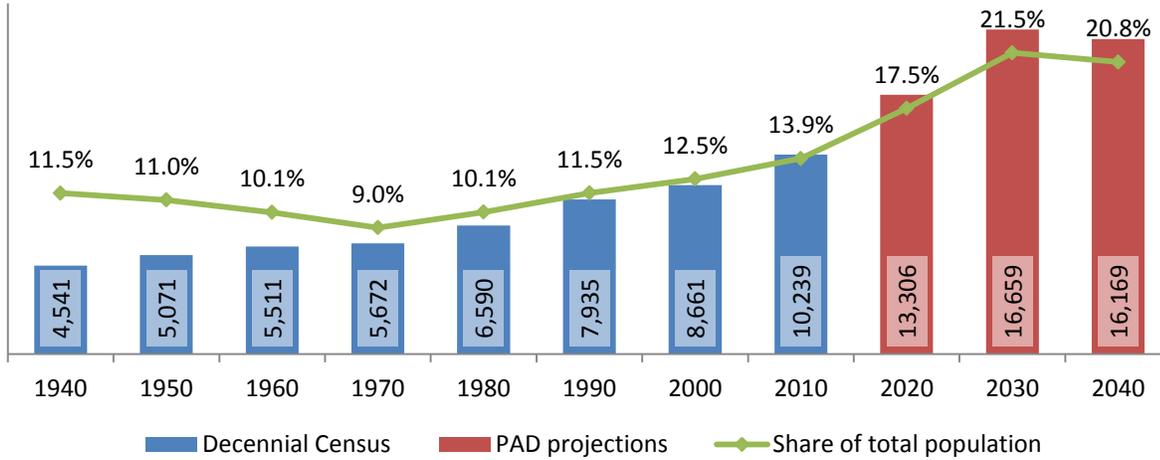
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

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



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

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

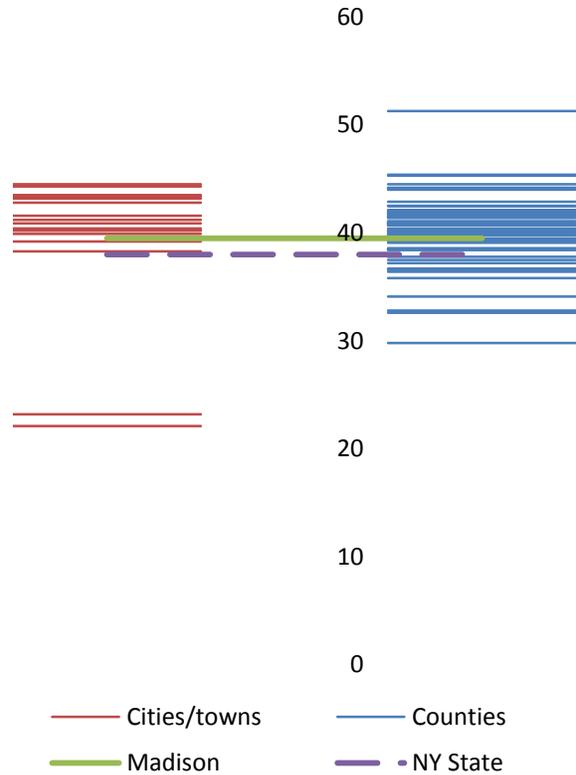


Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

4.3 Median age: comparison between areas

	Median Age
New York State	38.0
Madison County	39.5
Cities	
Oneida city	40.4
Towns	
Brookfield town	39.9
Cazenovia town	41.2
DeRuyter town	42.8
Eaton town	23.2
Fenner town	43.4
Georgetown town	39.2
Hamilton town	22.1
Lebanon town	43.2
Lenox town	40.9
Lincoln town	41.6
Madison town	44.3
Nelson town	44.5
Smithfield town	40.2
Stockbridge town	38.3
Sullivan town	43.5

Median age comparison within county (left) and between counties (right)



Source: 2010 Decennial Census

5 Race

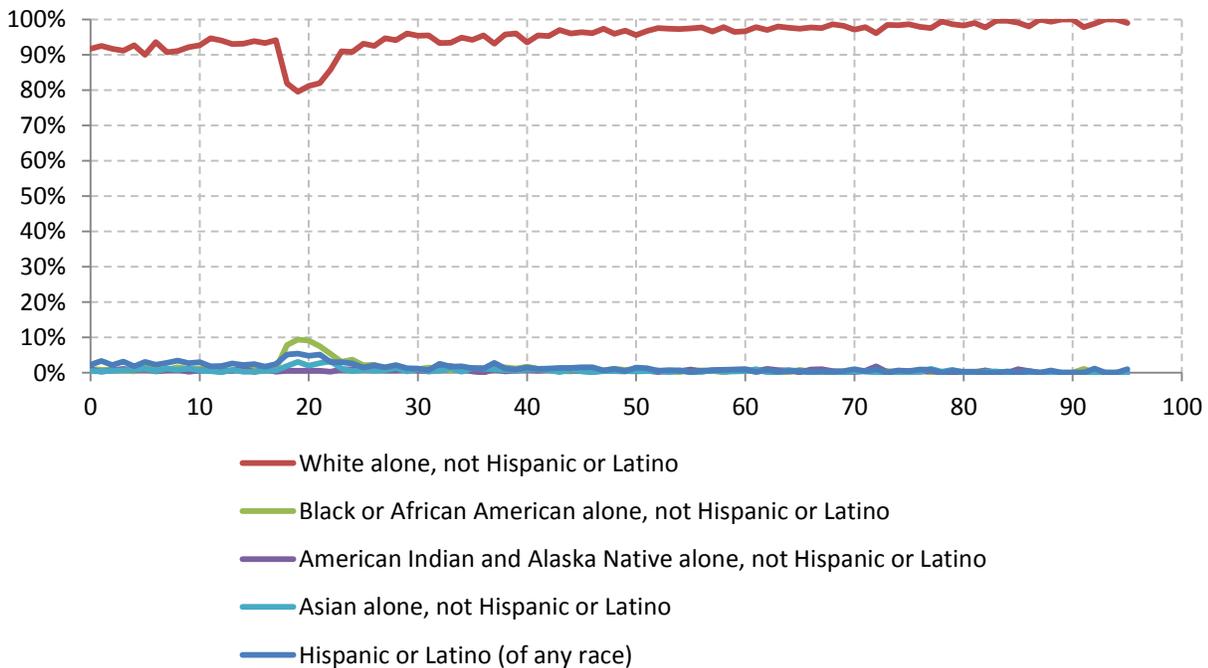
5.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
Total population	73,442	100%	68,309	100%	5,133
Not Hispanic or Latino					
One race					
White	68,916	93.8%	65,114	95.3%	3,802
Black or African American	1,260	1.7%	556	0.8%	704
American Indian and Alaska Native	473	0.6%	458	0.7%	15
Asian	576	0.8%	430	0.6%	146
Native Hawaiian and Other Pacific Islander	11	0.0%	-	-	-
Some other race	46	0.1%	-	-	-
Two or more races	844	1.1%	736	1.1%	108
Hispanic or Latino (of any race)	1,316	1.8%	962	1.4%	354

Source: 2010 Decennial Census

5.2 Race composition by age

Race composition by age, Madison County



Source: 2010 Decennial Census

6 Housing units

6.1 Characteristics

HOUSING OCCUPANCY	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
Total housing units	31,539	± 238	100.0%	
Occupied housing units	26,930	± 457	85.4%	± 1.4
Vacant housing units	4,609	± 439	14.6%	± 1.4
YEAR STRUCTURE BUILT				
Total housing units	31,539	± 238	100.0%	
Built 2005 or later	859	± 152	2.7%	± 0.5
Built 2000 to 2004	1,484	± 223	4.7%	± 0.7
Built 1990 to 1999	3,318	± 285	10.5%	± 0.9
Built 1980 to 1989	3,702	± 333	11.7%	± 1.1
Built 1970 to 1979	3,589	± 314	11.4%	± 1.0
Built 1960 to 1969	3,017	± 373	9.6%	± 1.2
Built 1950 to 1959	3,218	± 334	10.2%	± 1.1
Built 1940 to 1949	1,447	± 244	4.6%	± 0.8
Built 1939 or earlier	10,905	± 527	34.6%	± 1.6
HOUSING TENURE				
Occupied housing units	26,930	± 457	100.0%	
Owner-occupied	20,375	± 496	75.7%	± 1.5
Renter-occupied	6,555	± 427	24.3%	± 1.5
HOUSE HEATING FUEL				
Occupied housing units	26,930	± 457	100.0%	
Utility gas	11,416	± 400	42.4%	± 1.3
Bottled, tank, or LP gas	2,431	± 258	9.0%	± 0.9
Electricity	2,946	± 335	10.9%	± 1.2
Fuel oil, kerosene, etc.	7,295	± 351	27.1%	± 1.3
Coal or coke	417	± 105	1.5%	± 0.4
Wood	1,988	± 212	7.4%	± 0.8
Solar energy	0	± 89	0.0%	± 0.1
Other fuel	387	± 111	1.4%	± 0.4
No fuel used	50	± 37	0.2%	± 0.1
VALUE				
Owner-occupied units	20,375	± 496	100.0%	
Less than \$50,000	1,896	± 216	9.3%	± 1.0
\$50,000 to \$99,999	6,609	± 387	32.4%	± 1.6
\$100,000 to \$149,999	5,015	± 385	24.6%	± 1.8
\$150,000 to \$199,999	2,868	± 281	14.1%	± 1.3
\$200,000 to \$299,999	2,360	± 228	11.6%	± 1.1
\$300,000 to \$499,999	1,268	± 168	6.2%	± 0.8
\$500,000 to \$999,999	281	± 87	1.4%	± 0.4
\$1,000,000 or more	78	± 35	0.4%	± 0.2
Median (dollars)	114,900	± 2,572		

Source: 2007-2011 American Community Survey

6.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	20,486		17,741	86.6%	2,745
1980	23,918	16.8%	20,805	87.0%	3,113
1990	26,641	11.4%	23,567	88.5%	3,074
2000	28,646	7.5%	25,368	88.6%	3,278
2010	31,757	10.9%	27,754	87.4%	4,003

Source: 1970-2010 Decennial Census

7 Education

7.1 Enrollment by level of school

	Estimate	Margin of error
Total enrolled in school	20,650	± 460
Nursery school, preschool	910	± 157
Kindergarten	813	± 150
Elementary: grade 1 to grade 4	3,444	± 259
Elementary: grade 5 to grade 8	3,724	± 282
High school: grade 9 to grade 12	3,912	± 218
College, undergraduate	7,447	± 407
Graduate, professional school	400	± 108

Source: 2007-2011 American Community Survey

7.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	40.7%	± 7.9
5 to 9 years	95.6%	± 2.0
10 to 14 years	97.8%	± 1.3
15 to 17 years	96.0%	± 2.0
18 and 19 years	92.1%	± 4.5
20 to 24 years	51.6%	± 5.2
25 to 34 years	11.4%	± 2.8
35 years and over	2.0%	± 0.4

Source: 2007-2011 American Community Survey

7.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	9,829	± 199
Enrolled in college or graduate school	63.4%	± 4.1
Males 18 to 24 years	4,824	± 164
Enrolled in college or graduate school	58.9%	± 5.3
Females 18 to 24 years	5,005	± 145
Enrolled in college or graduate school	67.7%	± 6.0

Source: 2007-2011 American Community Survey

7.4 Educational attainment

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
Population 25 years and over	47,179	± 199	100%	
EDUCATIONAL ATTAINMENT				
Less than 9th grade	1,234	± 224	2.6%	± 0.5
9th to 12th grade, no diploma	3,837	± 353	8.1%	± 0.8
High school graduate (includes equivalency)	16,502	± 634	35.0%	± 1.3
Some college, no degree	8,044	± 519	17.0%	± 1.1
Associate's degree	6,083	± 452	12.9%	± 1.0
Bachelor's degree	6,750	± 431	14.3%	± 0.9
Graduate or professional degree	4,729	± 347	10.0%	± 0.7
Percent high school graduate or higher			89.3%	± 0.9
Percent bachelor's degree or higher			24.3%	± 1.1

Source: 2007-2011 American Community Survey

8 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	69,198	± 118	100%			
LANGUAGE SPOKEN AT HOME						
English only	66,296	± 358	95.8%	± 0.5		
Language other than English	2,902	± 372	4.2%	± 0.5	663	± 179
Spanish	1,030	± 260	1.5%	± 0.4	286	± 121
Other Indo-European languages	1,118	± 209	1.6%	± 0.3	218	± 96
Asian and Pacific Islander languages	481	± 112	0.7%	± 0.2	88	± 63
Other languages	273	± 120	0.4%	± 0.2	71	± 57

Source: 2007-2011 American Community Survey

9 Labor Force Characteristics

9.1 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	59,078	± 131	61.3%	± 1.1	57.6%	± 1.1	5.9%	± 0.7
AGE								
16 to 19 years	5,788	± 192	27.3%	± 4.6	21.9%	± 3.9	19.9%	± 5.5
20 to 24 years	6,111	± 156	60.5%	± 4.4	53.5%	± 4.8	11.4%	± 3.6
25 to 44 years	16,415	± 191	83.2%	± 2.0	78.1%	± 2.2	5.9%	± 1.2
45 to 54 years	11,724	± 129	83.6%	± 2.0	81.0%	± 2.3	3.1%	± 1.0
55 to 64 years	8,964	± 42	63.7%	± 3.2	60.9%	± 3.3	4.3%	± 1.5
65 to 74 years	5,528	± 49	26.2%	± 3.4	25.4%	± 3.4	3.3%	± 2.9
75 years and over	4,548	± 31	6.7%	± 2.2	6.7%	± 2.2	0.0%	± 10.2
RACE AND HISPANIC OR LATINO ORIGIN								
One race	58,511	± 197	61.3%	± 1.1	57.8%	± 1.1	5.7%	± 0.7
White	56,250	± 180	62.2%	± 1.2	58.6%	± 1.2	5.8%	± 0.7
Black or African American	1,125	± 120	23.6%	± 10.8	21.8%	± 11.0	7.5%	± 9.3
American Indian and Alaska Native	388	± 120	43.6%	± 19.6	43.6%	± 19.6	0.0%	± 17.4
Asian	455	± 49	69.7%	± 11.9	68.4%	± 12.2	1.9%	± 3.5
Pacific Islander	3	± 6	0.0%	± 100.0	0.0%	± 100.0	-	**
Some other race	290	± 167	45.5%	± 17.1	45.5%	± 17.1	0.0%	± 21.6
Two or more races	567	± 149	52.9%	± 13.3	37.9%	± 12.0	28.3%	± 21.0
Hispanic or Latino origin (of any race)	990	± 49	53.2%	± 10.8	50.9%	± 11.7	4.4%	± 5.4
White alone, not Hispanic or Latino	55,738	± 138	62.2%	± 1.2	58.6%	± 1.2	5.8%	± 0.7
SEX								
Population 20 to 64 years	43,214	± 150	76.0%	± 1.3	71.8%	± 1.3	5.4%	± 0.6
Male	21,493	± 127	78.5%	± 1.6	73.7%	± 1.8	6.0%	± 1.1
Female	21,721	± 119	73.6%	± 1.8	70.0%	± 2.0	4.8%	± 0.9
With own children under 6 years	2,970	± 242	70.6%	± 5.3	61.9%	± 6.1	12.4%	± 4.3
EDUCATIONAL ATTAINMENT								
Population 25 to 64 years	37,103	± 191	78.6%	± 1.4	74.9%	± 1.4	4.6%	± 0.7
Less than high school graduate	2,890	± 329	57.0%	± 6.5	51.9%	± 6.4	9.0%	± 4.4
High school graduate (includes equivalency)	12,202	± 525	74.5%	± 2.5	70.2%	± 2.7	5.8%	± 1.6
Some college or associate's degree	12,246	± 611	80.6%	± 2.2	76.8%	± 2.3	4.5%	± 1.2
Bachelor's degree or higher	9,765	± 469	87.6%	± 1.8	85.0%	± 1.7	2.6%	± 1.0

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

Source: 2007-2011 American Community Survey

9.2 Annual unemployment rate

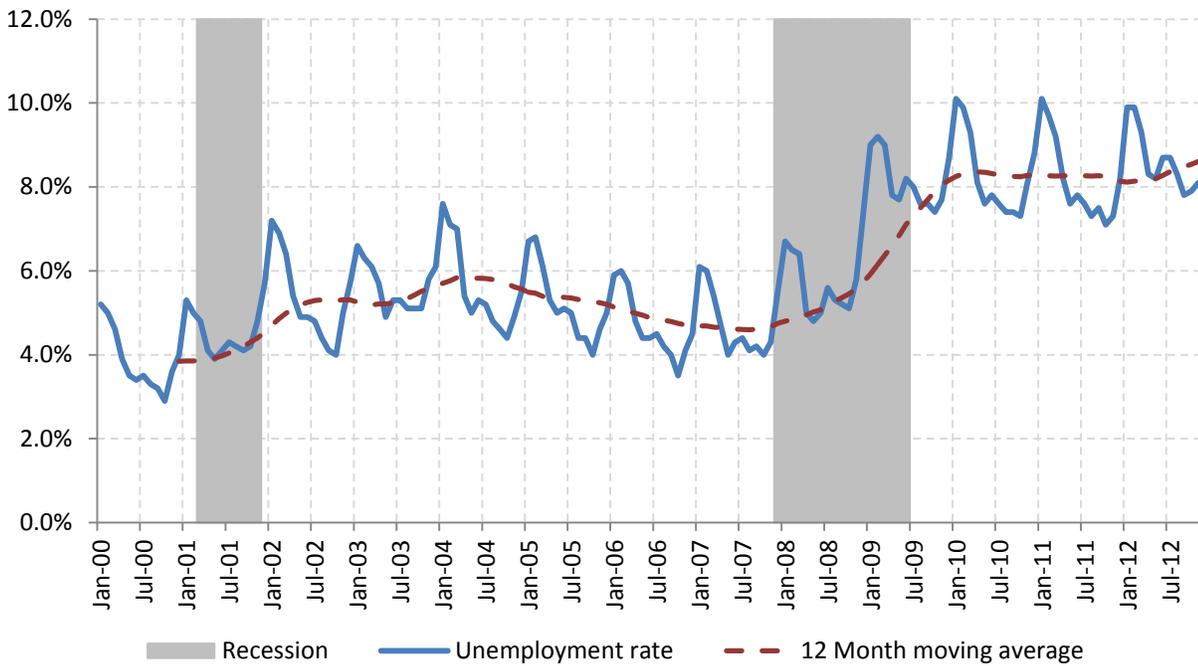
Annual unemployment rate, Madison County and New York State



Source: Bureau Labor Statistics (BLS)

9.3 Monthly unemployment rate

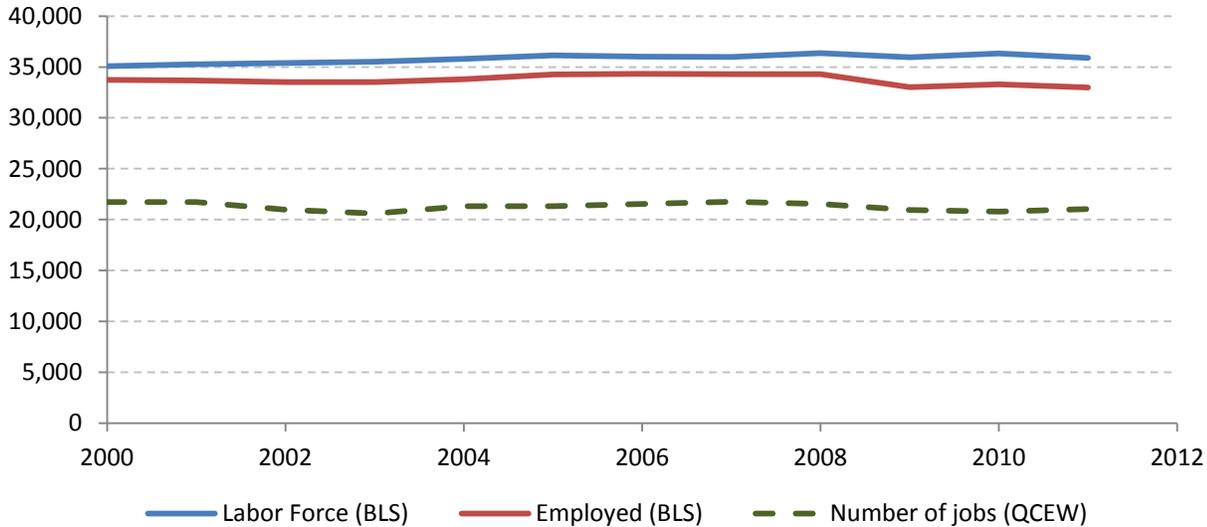
Monthly unemployment rate, Madison County



Source: Bureau Labor Statistics (BLS)

9.4 Employment and number of jobs

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



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

9.5 Class of worker

		Median earnings (\$)					
		Total	%Male	%Female	Total	Male	Female
Civilian employed population 16 years and over	Estimate	34,019	51.1%	48.9%	32,309	38,725	26,127
	Margin of error	± 640	± 1.0	± 1.0	± 961	± 1,592	± 751
Private for-profit wage and salary workers:	Estimate	21,284	54.1%	45.9%	31,415	38,367	25,094
	Margin of error	± 717	± 1.6	± 1.6	± 1,200	± 1,754	± 1,464
Employee of private company workers	Estimate	20,637	53.6%	46.4%	31,032	37,823	24,911
	Margin of error	± 726	± 1.6	± 1.6	± 1,169	± 1,924	± 1,801
Self-employed in own incorporated business workers	Estimate	647	68.3%	31.7%	45,114	52,045	34,531
	Margin of error	± 134	± 9.1	± 9.1	± 10,265	± 12,416	± 15,749
Private not-for-profit wage and salary workers	Estimate	3,771	33.0%	67.0%	28,817	33,577	26,493
	Margin of error	± 356	± 3.6	± 3.6	± 3,169	± 5,060	± 1,814
Local government workers	Estimate	3,054	42.1%	57.9%	36,690	41,744	32,846
	Margin of error	± 369	± 4.8	± 4.8	± 5,077	± 3,075	± 3,009
State government workers	Estimate	2,708	46.3%	53.7%	41,243	51,861	38,454
	Margin of error	± 297	± 4.7	± 4.7	± 1,848	± 6,665	± 2,993
Federal government workers	Estimate	526	62.4%	37.6%	55,806	61,780	40,556
	Margin of error	± 146	± 9.8	± 9.8	± 10,053	± 7,757	± 6,257
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	2,676	65.5%	34.5%	24,591	28,359	11,675
	Margin of error	± 332	± 4.1	± 4.1	± 4,470	± 5,108	± 2,215

Source: 2007-2011 American Community Survey

9.6 Jobs by industry sector

	Madison County			NY state
	2011	Change since 2006	% of total	% of total
All NAICS Sectors	21,243	-4.8%	100.0%	100.0%
Agriculture, Forestry, Fishing and Hunting	221	25.6%	1.0%	0.3%
Mining, Quarrying, and Oil and Gas Extraction	NA	NA	NA	0.1%
Utilities	16	33.3%	0.1%	0.5%
Construction	771	-6.8%	3.6%	3.5%
Manufacturing	2,724	-5.8%	12.8%	5.5%
Wholesale Trade	479	-44.6%	2.3%	4.0%
Retail Trade	2,431	-12.0%	11.4%	10.5%
Transportation and Warehousing	311	9.5%	1.5%	3.4%
Information	253	-7.7%	1.2%	3.3%
Finance and Insurance	598	40.4%	2.8%	6.0%
Real Estate and Rental and Leasing	142	-12.3%	0.7%	2.3%
Professional, Scientific, and Technical Services	615	-16.9%	2.9%	6.9%
Management of Companies and Enterprises	324	89.5%	1.5%	1.6%
Administrative and Support and Waste Management and Remediation Services	349	-25.1%	1.6%	5.2%
Educational Services	4,753	-2.9%	22.4%	10.8%
Health Care and Social Assistance	2,890	2.6%	13.6%	17.0%
Arts, Entertainment, and Recreation	300	46.3%	1.4%	1.9%
Accommodation and Food Services	1,882	-3.7%	8.9%	7.3%
Other Services (except Public Administration)	742	-12.2%	3.5%	3.9%
Public Administration	1,425	-6.0%	6.7%	5.8%

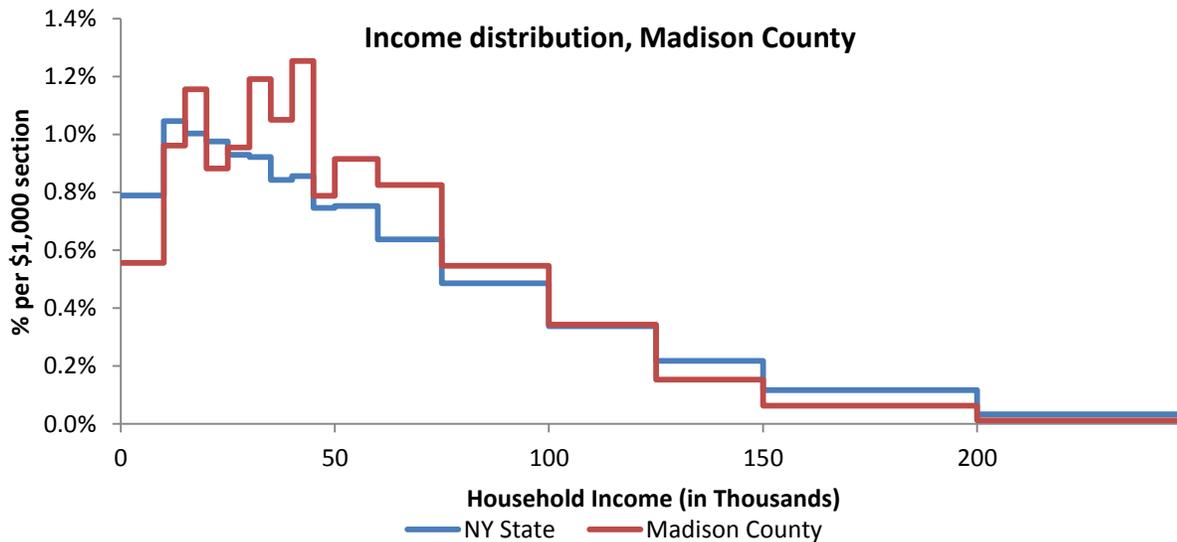
Source: U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages

10 Household Income

10.1 Distribution

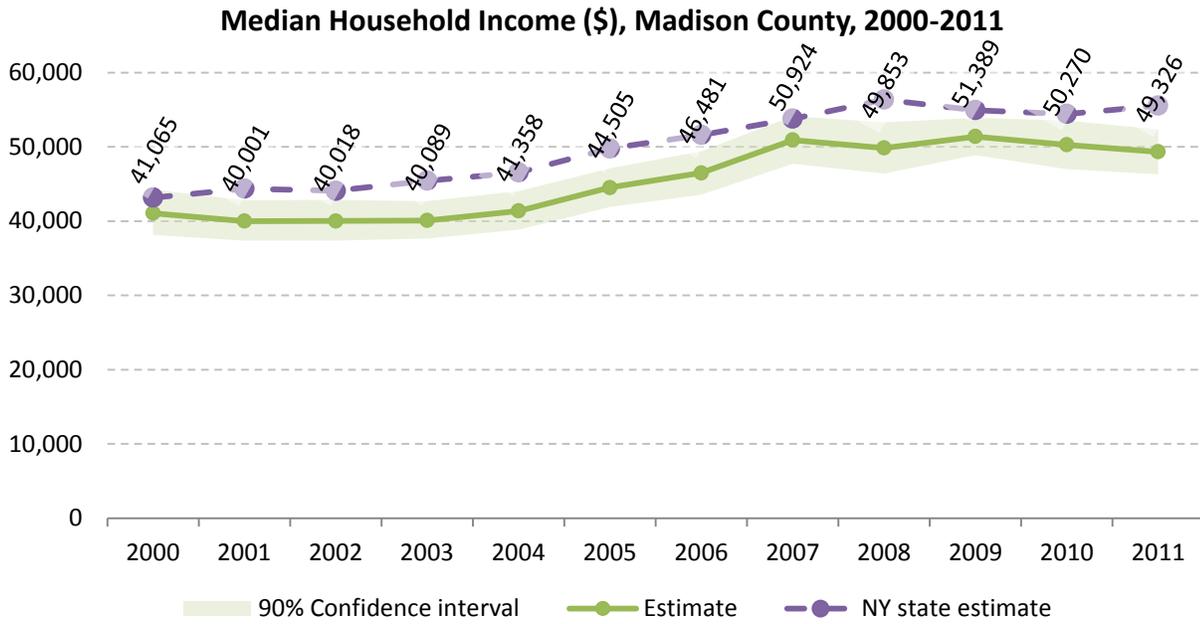
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
Total:	26,930	± 457		
Less than \$10,000	1,497	± 236	10	149.7
\$10,000 to \$14,999	1,295	± 170	5	259.0
\$15,000 to \$19,999	1,557	± 206	5	311.4
\$20,000 to \$24,999	1,188	± 217	5	237.6
\$25,000 to \$29,999	1,285	± 190	5	257.0
\$30,000 to \$34,999	1,604	± 265	5	320.8
\$35,000 to \$39,999	1,414	± 238	5	282.8
\$40,000 to \$44,999	1,688	± 238	5	337.6
\$45,000 to \$49,999	1,061	± 192	5	212.2
\$50,000 to \$59,999	2,466	± 245	10	246.6
\$60,000 to \$74,999	3,332	± 311	15	222.1
\$75,000 to \$99,999	3,681	± 345	25	147.2
\$100,000 to \$124,999	2,306	± 250	25	92.2
\$125,000 to \$149,999	1,031	± 146	25	41.2
\$150,000 to \$199,999	841	± 143	50	16.8
\$200,000 or more	684	± 115	-	-

Source: 2007-2011 American Community Survey



Source: 2007-2011 American Community Survey

10.2 Median household income: Trends over time

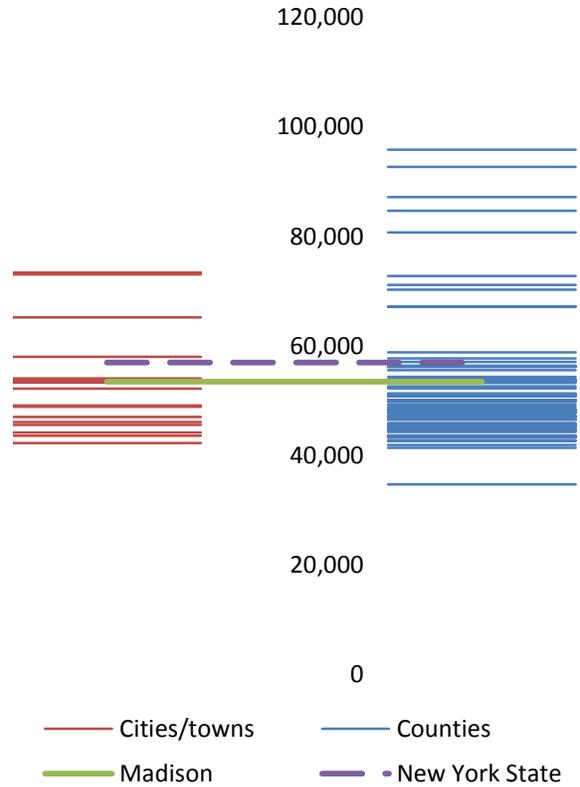


Source: Small Area Income and Poverty Estimates (SAIPE)

10.3 Median household income: Comparison between areas

	MEDIAN HOUSEHOLD INCOME (\$)	
	Estimate	Margin of error
New York State	56,951	± 190
Madison County	53,473	± 1,910
Cities		
Oneida	45,599	± 5,156
Towns		
Brookfield	42,250	± 7,166
Cazenovia	73,423	± 7,903
DeRuyter	49,132	± 3,987
Eaton	43,618	± 11,481
Fenner	54,052	± 4,100
Georg	47,059	± 7,530
Hamilton	53,681	± 7,178
Lebanon	44,167	± 15,225
Lenox	52,191	± 7,751
Lincoln	65,208	± 6,934
Madison	53,295	± 13,927
Nelson	73,063	± 10,630
Smithfield	46,094	± 11,796
Stockbridge	48,910	± 4,755
Sullivan	58,021	± 3,094

Median household income comparison within county (left) and between counties (right)



Source: 2007-2011 American Community Survey

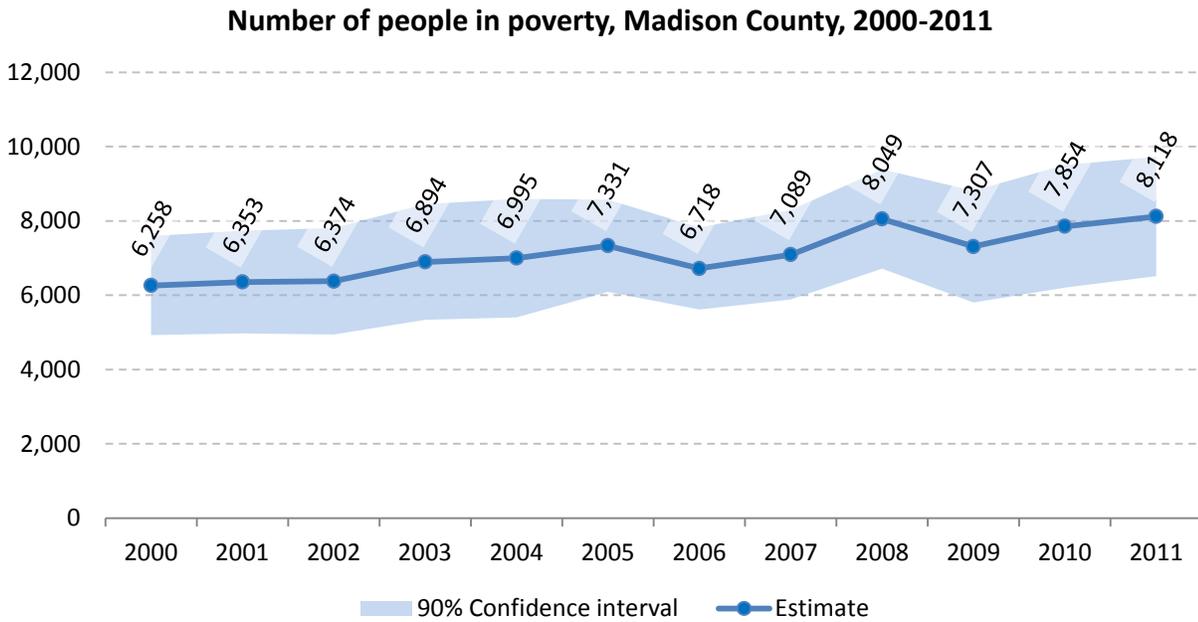
11 Poverty

11.1 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	67,312	± 589	6,801	± 777	10.1%	± 1.1
AGE						
Under 18 years	15,705	± 185	2,290	± 463	14.6%	± 3.0
Related children under 18 years	15,626	± 233	2,211	± 447	14.1%	± 2.9
18 to 64 years	41,875	± 531	3,826	± 455	9.1%	± 1.1
65 years and over	9,732	± 147	685	± 159	7.0%	± 1.6
SEX						
Male	33,216	± 393	3,072	± 426	9.2%	± 1.2
Female	34,096	± 421	3,729	± 485	10.9%	± 1.4
RACE AND HISPANIC OR LATINO ORIGIN						
One race	66,415	± 616	6,621	± 750	10.0%	± 1.1
White	65,095	± 550	6,357	± 734	9.8%	± 1.1
Black or African American	293	± 170	93	± 67	31.7%	± 23.6
American Indian and Alaska Native	400	± 134	72	± 58	18.0%	± 12.7
Asian	410	± 97	33	± 45	8.0%	± 10.4
Hispanic or Latino origin (of any race)	1,057	± 111	340	± 138	32.2%	± 12.6
White alone, not Hispanic or Latino	64,437	± 511	6,157	± 695	9.6%	± 1.1
EDUCATIONAL ATTAINMENT						
Population 25 years and over	46,378	± 296	3,606	± 379	7.8%	± 0.8
Less than high school graduate	4,785	± 397	735	± 179	15.4%	± 3.5
High school graduate (includes equivalency)	16,251	± 640	1,645	± 276	10.1%	± 1.5
Some college, associate's degree	13,951	± 678	1,028	± 254	7.4%	± 1.7
Bachelor's degree or higher	11,391	± 503	198	± 70	1.7%	± 0.6
EMPLOYMENT STATUS						
Civilian labor force 16 years and over	35,111	± 603	1,688	± 271	4.8%	± 0.8
Employed	33,064	± 629	1,159	± 224	3.5%	± 0.7
Male	17,018	± 445	355	± 101	2.1%	± 0.6
Female	16,046	± 486	804	± 200	5.0%	± 1.2
Unemployed	2,047	± 243	529	± 141	25.8%	± 6.3
Male	1,171	± 209	237	± 87	20.2%	± 6.8
Female	876	± 160	292	± 101	33.3%	± 10.8
WORK EXPERIENCE IN THE PAST 12 MONTHS						
Population 16 years and over	53,626	± 625	4,723	± 536	8.8%	± 1.0
Worked full-time, year-round	23,744	± 647	415	± 131	1.7%	± 0.5
Worked part-time or part-year	13,216	± 688	1,478	± 309	11.2%	± 2.2
Did not work	16,666	± 647	2,830	± 376	17.0%	± 2.1

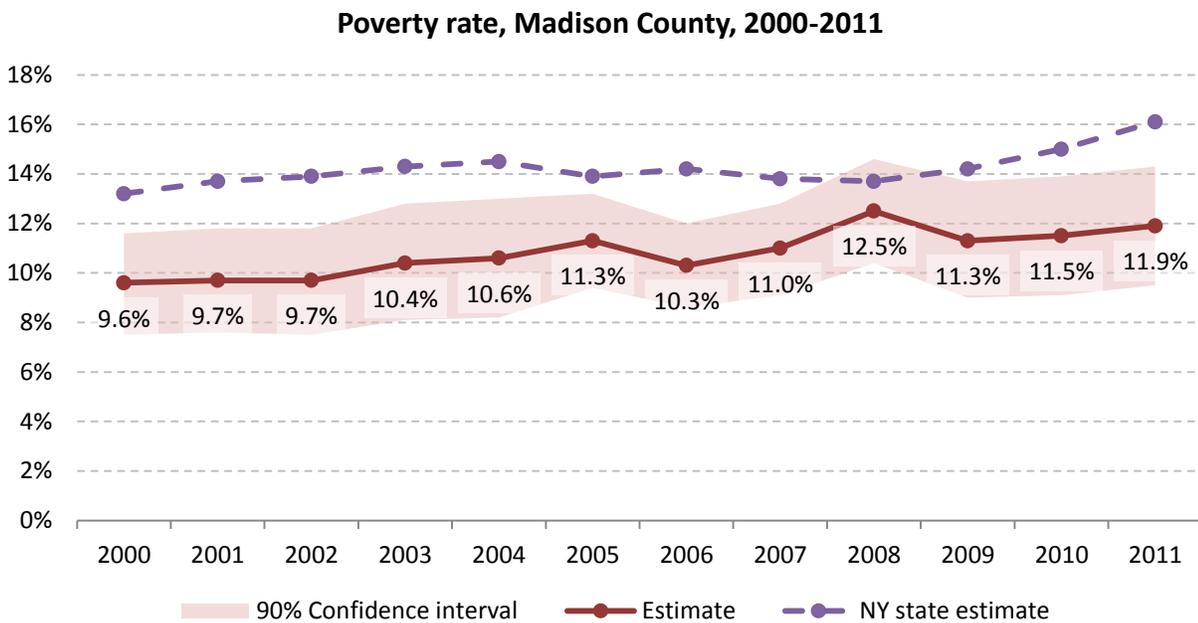
Source: 2007-2011 American Community Survey

11.2 Poverty: Trends over time: Count



Source: Small Area Income and Poverty Estimates (SAIPE)

11.3 Poverty: Trends over time: Rate

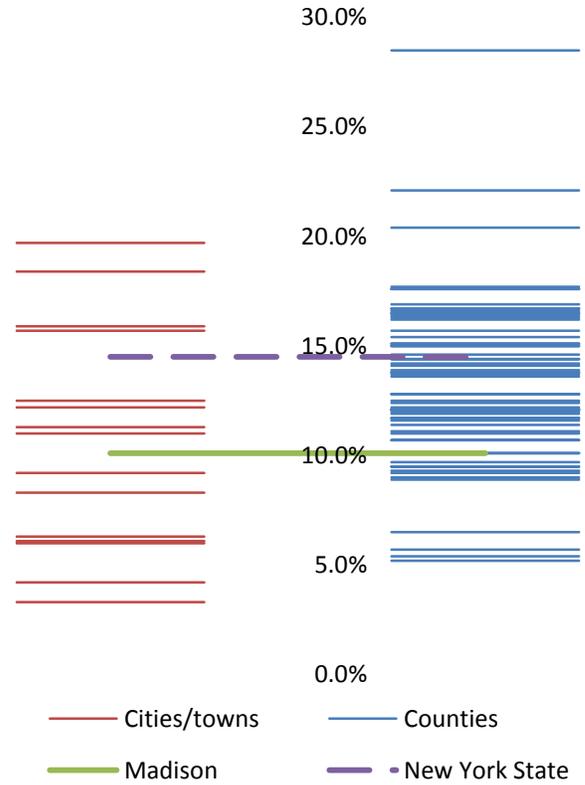


Source: Small Area Income and Poverty Estimates (SAIPE)

11.4 Poverty rate: comparison between areas

Poverty Rate - All people		
	Estimate	Margin of error
New York State	14.5%	± 0.1
Madison County	10.1%	± 1.1
Cities		
Oneida	11.3%	± 3.0
Towns		
Brookfield	19.7%	± 7.2
Cazenovia	6.0%	± 2.7
DeRuyter	15.9%	± 7.4
Eaton	15.7%	± 6.5
Fenner	9.2%	± 3.9
Georg	4.2%	± 3.2
Hamilton	8.3%	± 3.4
Lebanon	12.5%	± 6.2
Lenox	6.3%	± 2.9
Lincoln	3.3%	± 1.7
Madison	6.1%	± 2.9
Nelson	6.1%	± 3.5
Smithfield	12.2%	± 10.8
Stockbridge	18.4%	± 8.2
Sullivan	11.0%	± 3.2

Poverty rate comparison within county (left) and between counties (right)

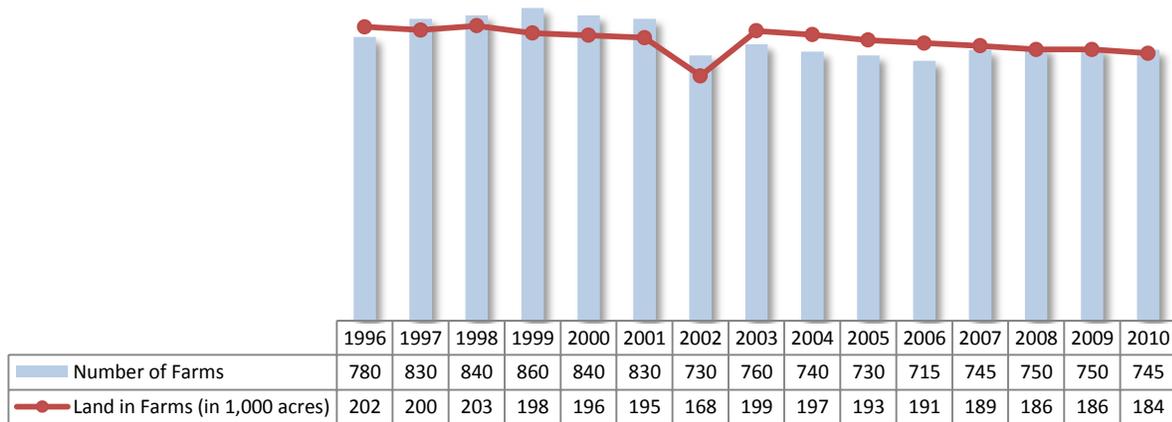


Source: 2007-2011 American Community Survey

12 Agriculture

12.1 Number of farms and land in farms

Madison County, 1996-2010



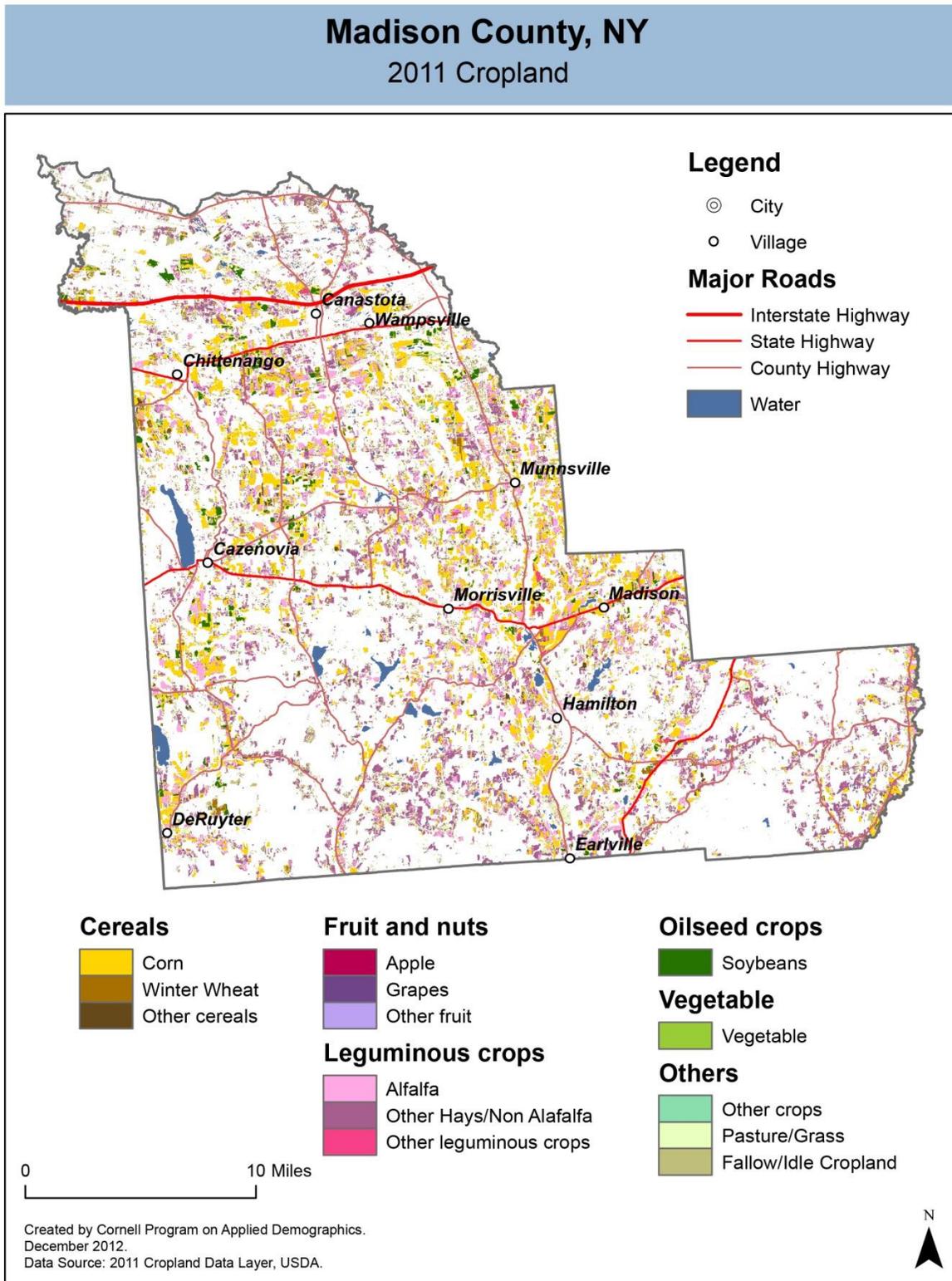
Source: National Agricultural Statistics Service – Annual Statistical bulletin

12.2 Farm Operator Characteristics

	Principal Operator		
	Total	Male	Female
Number of farms	744	612	132
Average size of farm (acres)	253	281	124
PRIMARY OCCUPATION			
Farming	414	348	66
Other	330	264	66
AGE			
Under 45	131	98	33
45 to 64 years	441	358	83
65 years and over	172	156	16
Average age (years)	55.7	56.6	52
YEARS ON PRESENT FARM			
Less than 3 years	23	13	10
3 to 4 years	42	31	11
5 to 9 years	136	92	44
10 years or more	543	476	67

Source: 2007 Agricultural Census

12.3 Map of type of crop

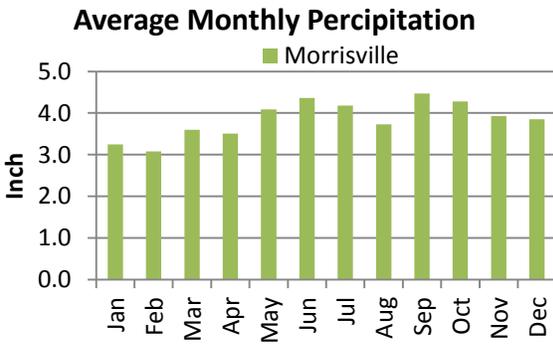
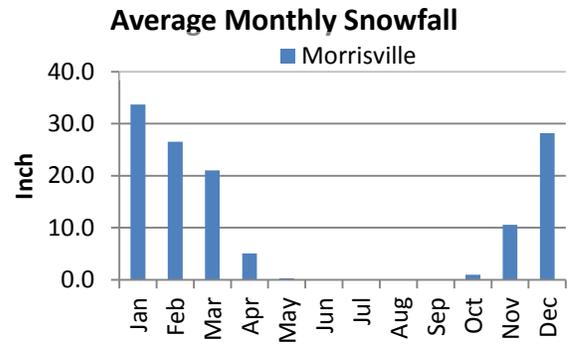
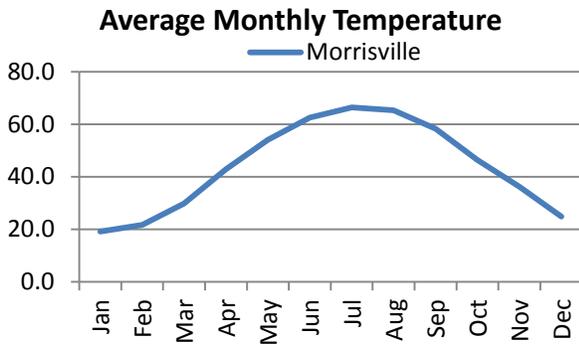
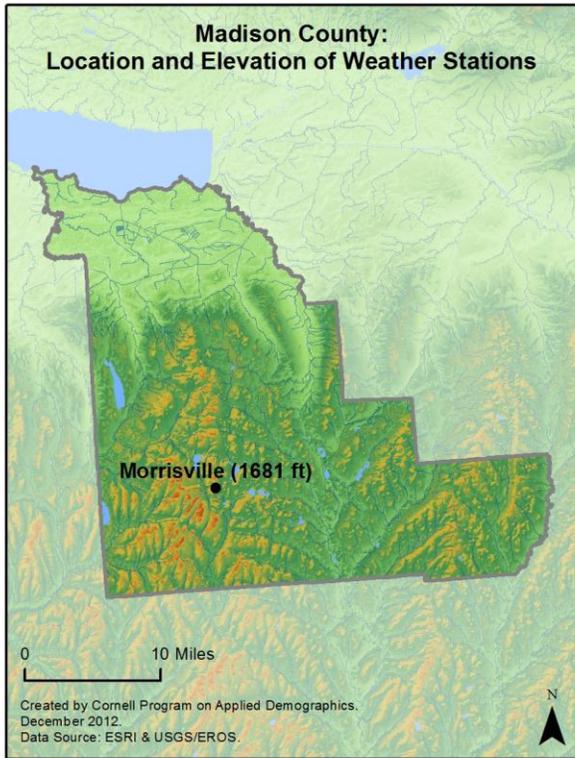


12.4 Estimated acreage by crop

	Acreage	%		Acreage	%
Cereals			Fruit and nuts		
Barley	173	0.1%	Apples	141	0.1%
Corn	32,997	25.0%	Apricots	0.2	0.0%
Millet	0.7	0.0%	Blueberries	1.3	0.0%
Oats	1,121	0.8%	Cherries	-	
Rye	65	0.0%	Cranberries	-	
Sorghum	4.2	0.0%	Grapes	59	0.0%
Speltz	3.1	0.0%	Nectarines	-	
Spring Wheat	2.0	0.0%	Peaches	-	
Sweet Corn	26	0.0%	Plums	1.1	0.0%
Triticale	13	0.0%	Prunes	-	
Winter Wheat	1,059	0.8%	Strawberries	1.1	0.0%
Dbl Crop WinWht/Corn	-		Walnuts	-	
Leguminous crops			Beverage and spice crops		
Alfalfa	21,641	16.4%	Herbs	-	
Other Hay/Non Alfalfa	37,411	28.3%	Peppers	-	
Dry Beans	778	0.6%	Trees		
Peas	-		Christmas Trees	6	0.0%
Vetch	-		Other Tree Crops	-	
Oilseed crops			Other crops		
Soybeans	4,987	3.8%	Tobacco	-	
Sunflower	4.7	0.0%	Misc Veggies & Fruits	-	
Sugar crops			Clover/Wildflowers	56	0.0%
Sugarbeets	-		Sod/Grass Seed	-	
Root/tuber crops with high starch or inulin content			Switchgrass	-	
Potatoes	26	0.0%	Dbl Crop Soybeans/Oats	-	
Vegetables and melons			Dbl Crop WinWht/Soybeans	-	
Asparagus	-		Other Crops	109	0.1%
Broccoli	-		Pasture/Grass		
Cabbage	0.7	0.0%	Fallow/Idle Cropland		
Carrots	1.1	0.0%		22,577	17.1%
Eggplants	0.2	0.0%		8,771	6.6%
Onions	26	0.0%			
Pumpkins	6	0.0%			
Squash	1.8	0.0%			
Tomatoes	-				
Turnips	3.6	0.0%			

Source: National Agricultural Statistics Service - Cropland Data Layer 2011

13 Climate



Average length of freeze-free season

	Last day of frost	First day of frost	Season length
Morrisville	May 14	October 6	142

Source: NOAA, Northeast Regional Climate Center at Cornell University. Averages 1981-2010

14 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.

NAICS - The North American Industry Classification System or NAICS is used by business and government to classify business establishments according to type of economic activity (process of production).

Numeric Population Change - difference between the population of an area at the beginning and end of a time period. It is computed by taking the difference between the population at one point in time (t1) and some future time (t2).

Percent Population Change - difference between the population of an area at the beginning and end of a time period, expressed as a percentage of the beginning population. It is computed by dividing the population change (t2 - t1) by t1 and multiplying the result by 100.

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

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

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

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

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

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

Islander. Hispanics may be classified as white or black. So we generally separate them out as an ethnic group first.

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

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

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

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

15 References

Madison County homepage: <http://www.madisoncounty.ny.gov/>

At Cornell:

- Cornell Cooperative Extensions (CCE)
Home page: <http://www.cce.cornell.edu>
 - Madison local office: <http://www.madisoncountycce.org/>
- Program on Applied Demographics (PAD)
URL: <http://pad.human.cornell.edu/>
- Community and Regional Development Institute (CaRDI)
URL: <http://devsoc.cals.cornell.edu/cals/devsoc/outreach/cardi/index.cfm>

Data sources and background information:

- U.S. Census Bureau - general
 - QuickFacts: <http://quickfacts.census.gov/qfd/states/36/36053.html>
 - QuickLinks: <http://quickfacts.census.gov/qfd/states/36/36053lk.html>
 - American FactFinder: <http://factfinder2.census.gov>
- U.S. Census Bureau - population
 - Decennial Census
 - Background: <http://2010.census.gov/2010census/>
 - Demographic Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/DEC/10_SF1/SF1DP1/0500000US360533
 - American Community Survey (ACS)
 - Background: <http://www.census.gov/acs/www/>
 - Social Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP02/0500000US36053
 - Economic Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP03/0500000US36053
 - Housing Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP04/0500000US36053
 - Demographics Data Profile: http://factfinder2.census.gov/bkmk/table/1.0/en/ACS/10_5YR/DP05/0500000US36053
 - Population estimates: <http://www.census.gov/popest/estimates.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
 - <http://www2.vrdc.cornell.edu/news/data/qwi-public-use-data/>
- Bureau Labor Statistics (BLS) – Local Area Unemployment Statistics: <http://www.bls.gov/lau/>
- NY Department of Labor -
 - Labor statistics: <http://www.labor.ny.gov/stats/>
 - Quarterly Census of Employment and Wages (QCEW): <http://www.labor.ny.gov/stats/lsqcew.shtm>
- Bureau of Economic Analysis (BEA) – Local Area Personal Income and Employment: <http://bea.gov/iTable/iTable.cfm?ReqID=70&step=1>

- USDA Census of Agriculture
 - 2007
 - Home page: <http://www.agcensus.usda.gov/Publications/2007/index.php>
 - County profile: http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/New_York/cp36053.pdf
 - Race, Ethnicity and Gender Profiles: http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Race_Ethnicity_and_Gender_Profiles/New_York/cpd36053.pdf
- USDA National Agricultural Statistics Service (NASS)
 - Home page: <http://www.nass.usda.gov/index.asp>
 - New York Statistical Bulletins: http://www.nass.usda.gov/Statistics_by_State/New_York/Publications/Annual_Statistical_Bulletin/
 - Cropland Data Layer – CropScape: <http://nassgeodata.gmu.edu/CropScape/>
- USDA Agricultural Research Service – Plant Hardness Zone Map: <http://planthardiness.ars.usda.gov/PHZMWeb/>
- NOAA, Northeast Regional Climate Center at Cornell University
 - Home page: <http://www.nrcc.cornell.edu/index.html>

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>
- Missouri Census Data Center <http://mcdc.missouri.edu/>
- DataFerret <http://dataferrett.census.gov/>
- Investigative Reporters and Editors (IRE) Census project <http://census.ire.org/>