

Vintage 2011 population estimates

Prepared by:

Jan Vink (jkv3@cornell.edu)

Program on Applied Demographics (<http://pad.human.cornell.edu>)

Cornell University

April 5, 2011

Introduction

On April 5, 2012 the U.S. Census Bureau published total population estimates for counties and county-equivalent areas. This is the first set of county estimates since the 2010 decennial census and provides a first glance in the areas of population growth and decline since April 1, 2010.

The population in New York State grew from 19,378,104 on April 1, 2010 to an estimated 19,465,197 on July 1, 2011. That is a growth of 87,043 or 0.4%. The nation as a whole grew with 0.9%, so New York continues to grow at a slower speed than the remainder of the nation.

Economic Regions

Table 1: Total population estimates by Economic Region

	Base population	July 1, 2010	July 1, 2011	Growth/decline since 4/1/2010	
				Count	Percentage
New York State	19,378,104	19,395,206	19,465,197	87,093	0.4%
Capital District	1,079,207	1,079,499	1,079,400	193	0.0%
Central NY	791,942	792,204	791,654	-288	-0.0%
Finger Lakes	1,217,153	1,217,514	1,217,867	714	0.1%
Long Island	2,832,882	2,835,421	2,843,252	10,370	0.4%
Mid-Hudson	2,290,852	2,293,754	2,303,209	12,357	0.5%
Mohawk Valley	500,155	500,001	498,038	-2,117	-0.4%
New York City	8,175,133	8,186,443	8,244,910	69,777	0.9%
North Country	433,193	433,601	434,142	949	0.2%
Southern Tier	657,910	657,462	655,708	-2,202	-0.3%
Western NY	1,399,677	1,399,307	1,397,017	-2,660	-0.2%

Table 1 shows that 6 of the economic regions show an estimated growth in the population. The New York City region grew the fastest, in count (+69,777) as well as in percentage (0.9%). The Mid-Hudson region is the only other region that grew faster than the State average, Long Island grew just a little slower. Four of the regions showed a population loss; the biggest numeric loss was in Western NY (-2,660), the biggest percentage loss in the Mohawk Valley (-0.4%).

Appendix A contains charts where the newly released estimates (called postcensal since they are extrapolated from the last Census) are appended to the intercensal estimates from 2000 to 2010. I tried to create a vertical axis for each of the charts such that it contains 10 intervals, each of about 1% of total population in that region. This is done to prevent enlarging small changes in a very stable region and make it somewhat possible to compare grow patterns between regions.

The newly released estimates are in general a continuation of trends that were estimated for the last couple of years. Only the Mohawk Valley shows a larger decline than we would have expected if we extrapolated the trend line from the intercensal estimates. This might be a real change in trend, but can also be caused by the methodology and the preliminary input data for the most recent years.

Regions - Components of change

Table 2: Components of change as percentage of the 4/1/2010 base population (change from 4/1/2010 to 7/1/2011)

	Change 4/1/2010- 7/1/2011	Natural increase			Migration		
		Births	Deaths	Natural increase	Domestic	International	Total
New York State	0.4%	1.6%	0.9%	0.6%	-0.6%	0.4%	-0.2%
Capital District	0.0%	1.3%	1.1%	0.2%	-0.3%	0.2%	-0.1%
Central NY	0.0%	1.4%	1.0%	0.4%	-0.5%	0.1%	-0.4%
Finger Lakes	0.1%	1.4%	1.1%	0.3%	-0.4%	0.1%	-0.2%
Long Island	0.4%	1.4%	1.0%	0.4%	-0.2%	0.2%	-0.1%
Mid-Hudson	0.5%	1.5%	0.9%	0.6%	-0.4%	0.3%	0.0%
Mohawk Valley	-0.4%	1.3%	1.3%	0.0%	-0.5%	0.1%	-0.4%
New York City	0.9%	1.8%	0.8%	1.0%	-0.9%	0.7%	-0.2%
North Country	0.2%	1.5%	1.1%	0.4%	-0.3%	0.1%	-0.2%
Southern Tier	-0.3%	1.3%	1.2%	0.1%	-0.6%	0.2%	-0.4%
Western NY	-0.2%	1.3%	1.3%	0.1%	-0.3%	0.1%	-0.2%

Noteworthy are:

- In the Mohawk Valley there was a 0.0% natural increase, meaning that in the period between 4/1/2010 and 7/1/2011 the estimated number of births was the same as the number of deaths.
- New York City has the highest percentage births (1.8%) and the lowest percentage deaths (0.8%)
- Compared with the other regions there is a lot more migration going in and out of New York City area (-0.9% domestic and +0.7 international migration)

Counties

The Census Bureau estimates that the population in 25 (out of 62) counties increased and in the other 37 they estimate a population decrease.

Top 3 numeric change

Kings (Brooklyn)	27,945
Queens	17,126
New York (Manhattan)	16,075

Top 3 percentage change

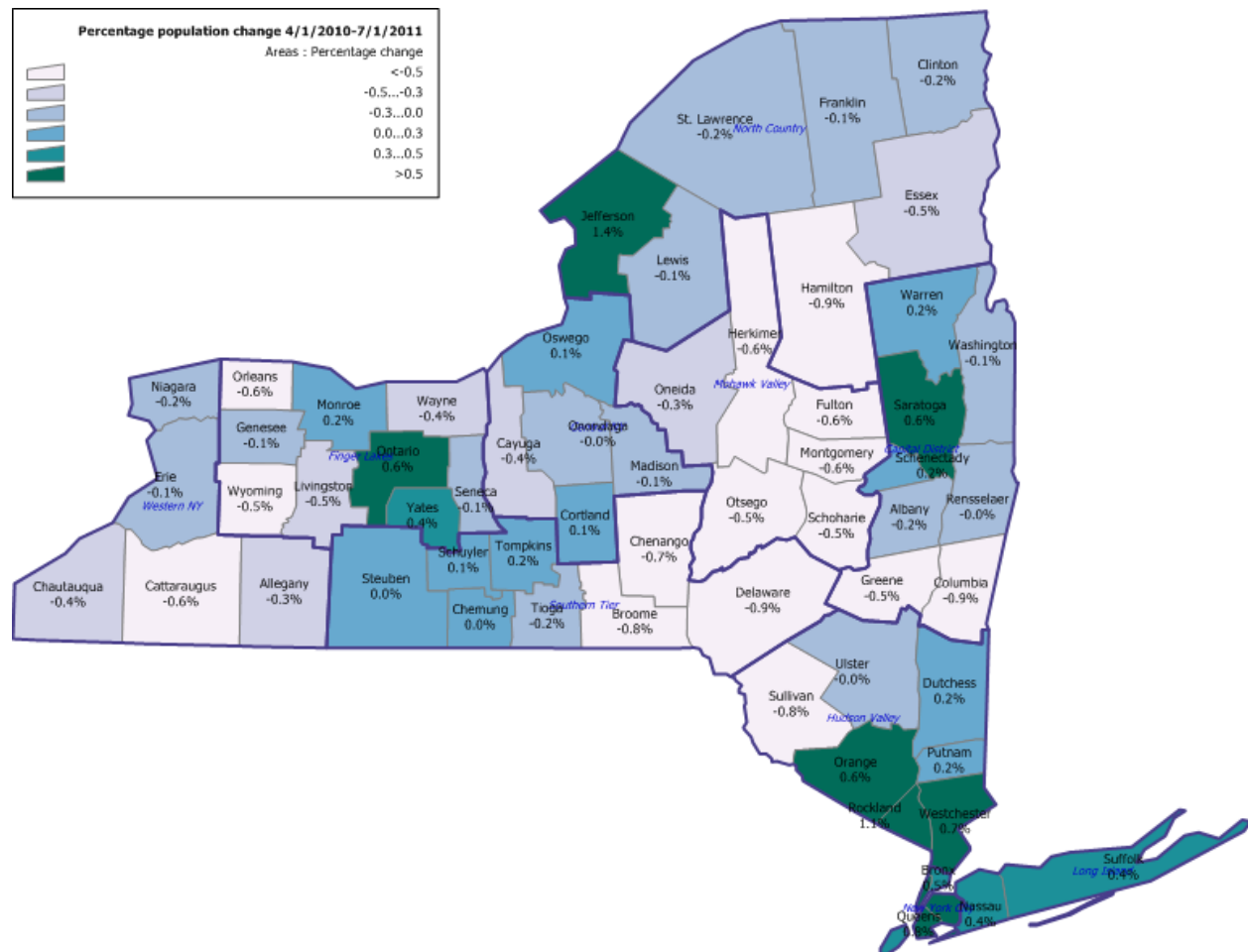
Jefferson	1.4%
Kings (Brooklyn)	1.1%
Rockland	1.1%

Bottom 3 numeric change

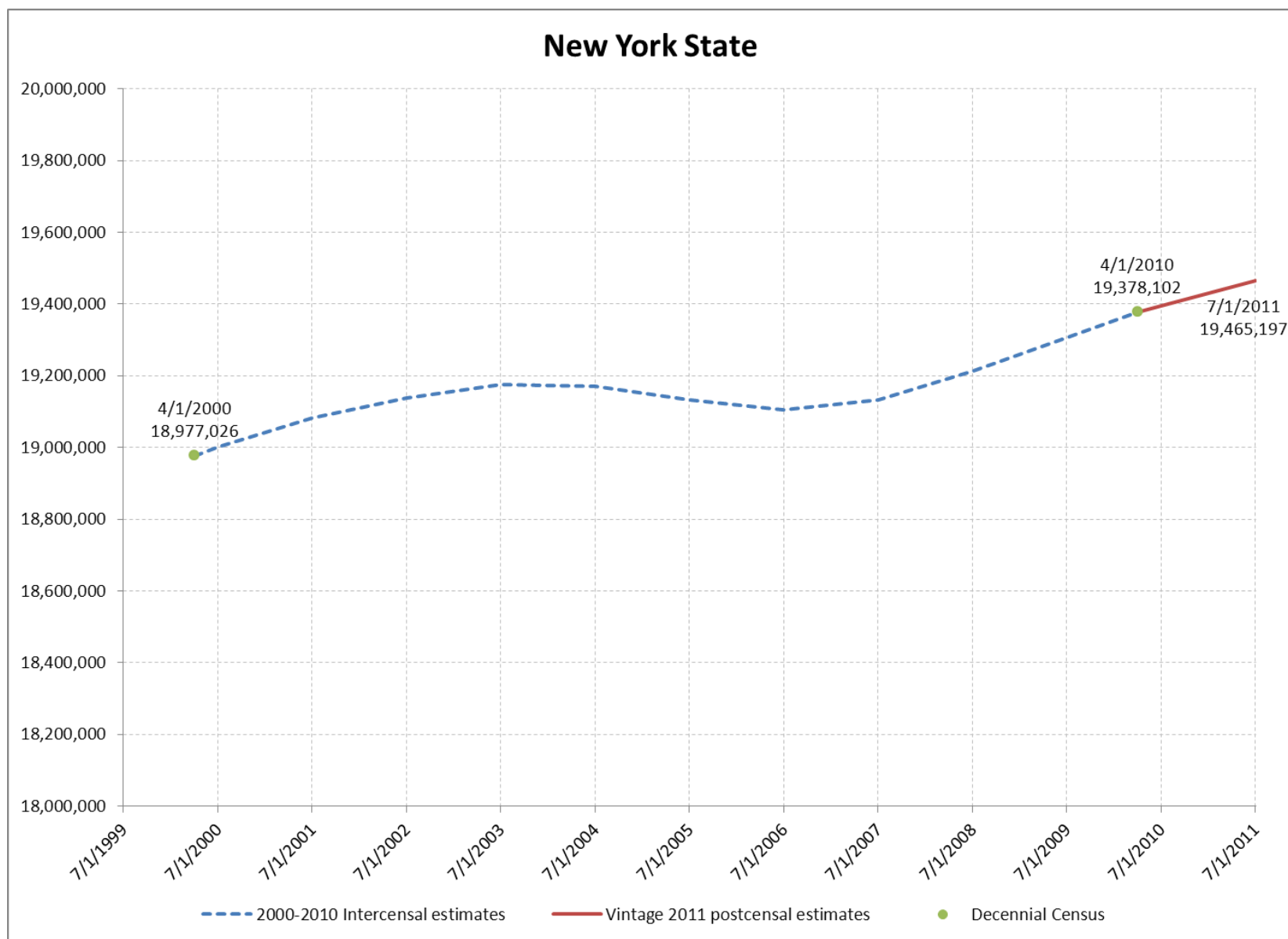
Broome	-1,569
Erie	-1,012
Sullivan	-645

Bottom 3 percentage change

Hamilton	-0.89%
Delaware	-0.88%
Columbia	-0.87%

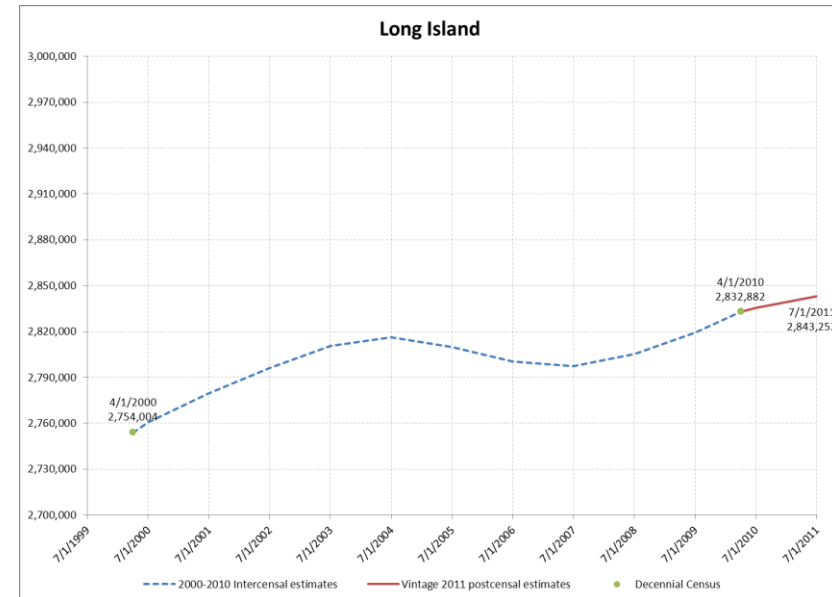
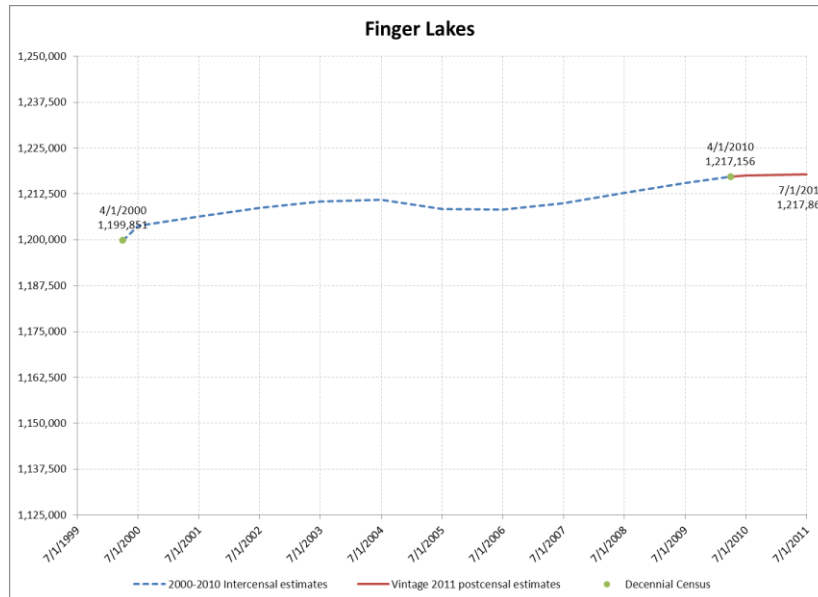
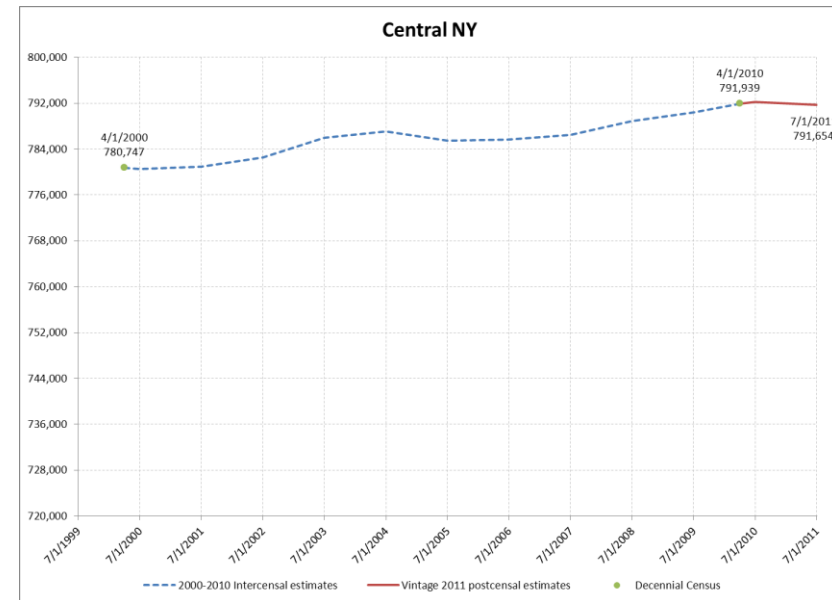
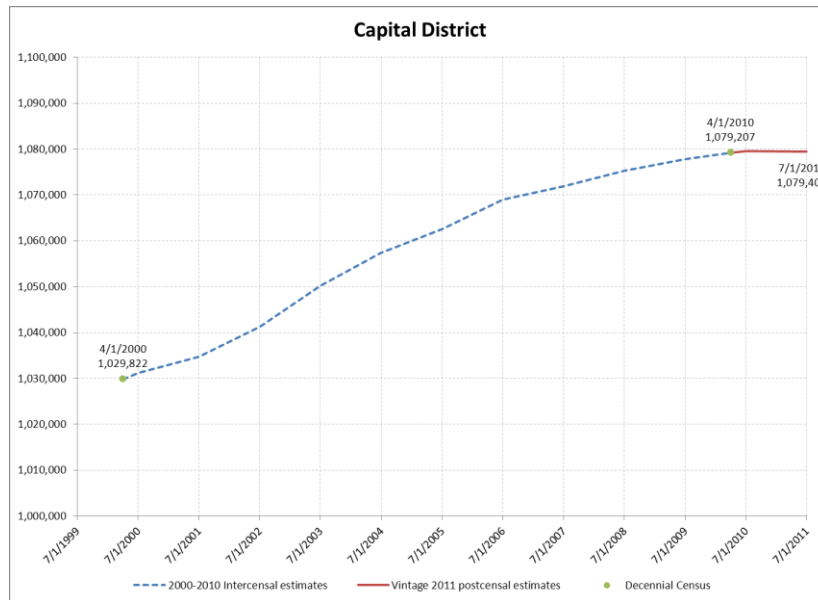


Map 1: percentage growth per County



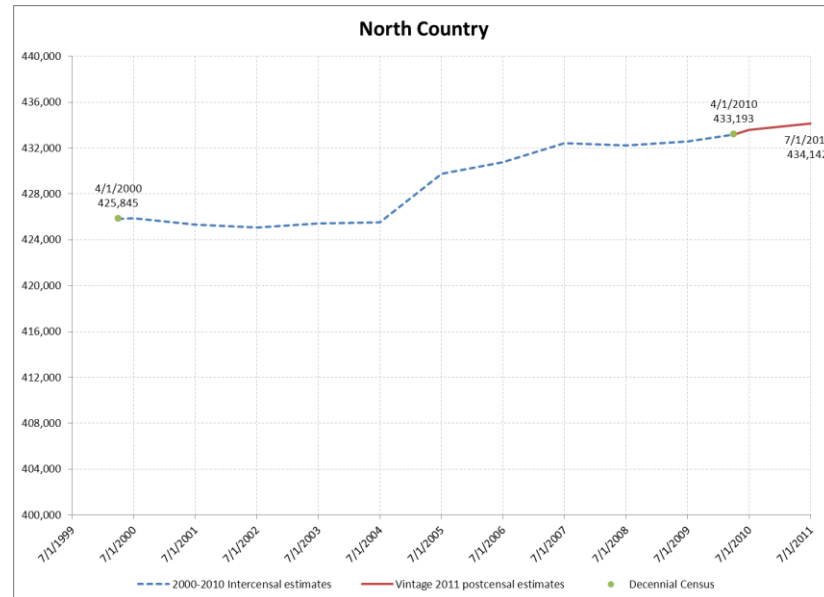
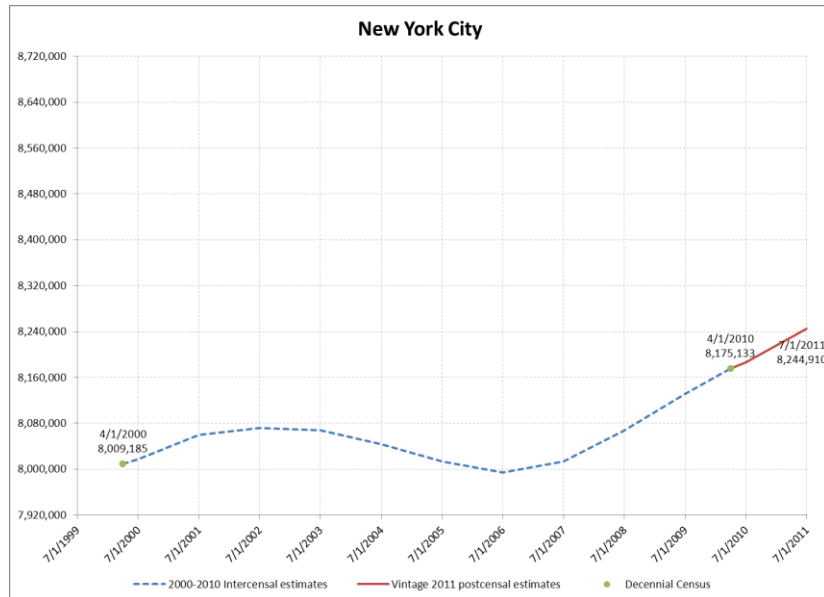
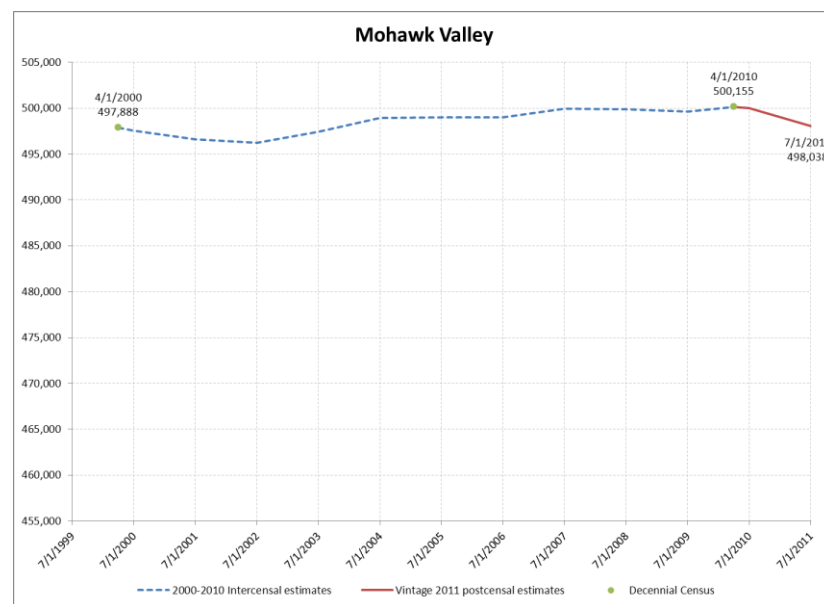
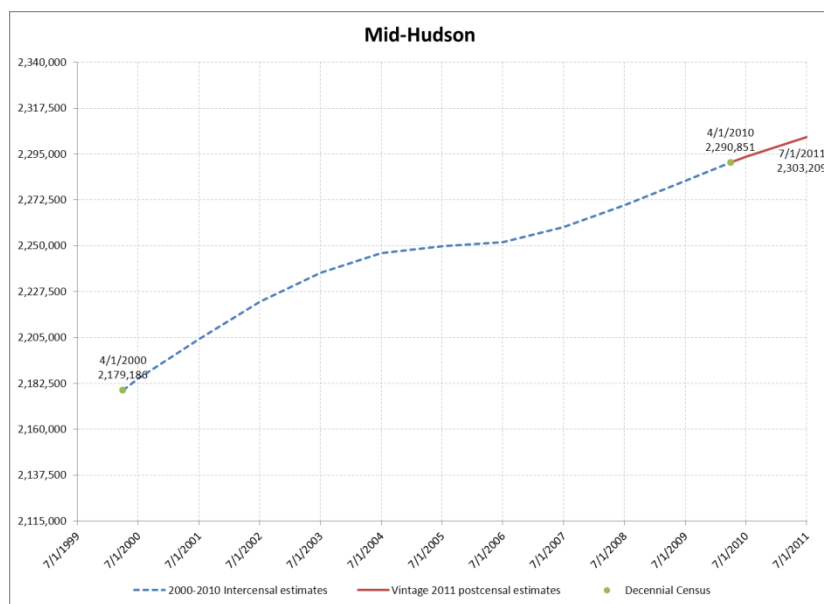
Appendix A

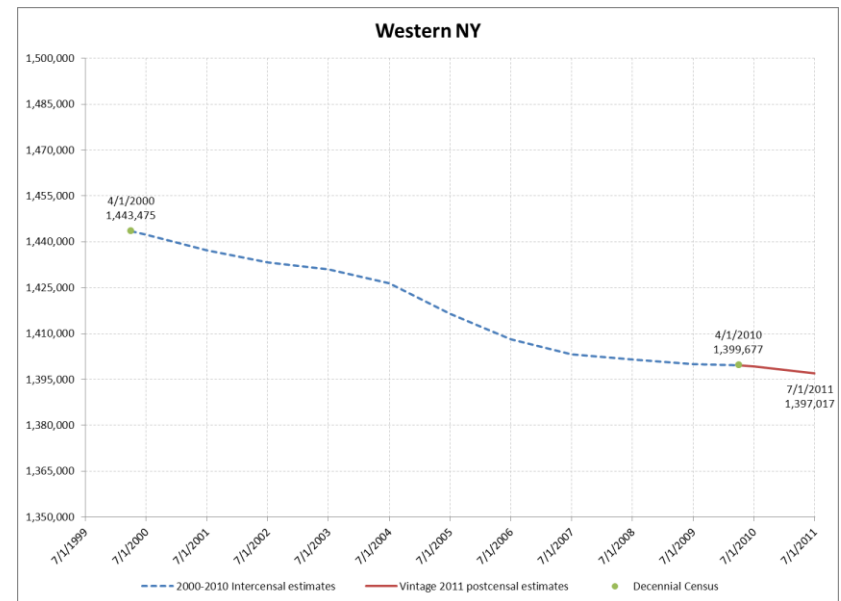
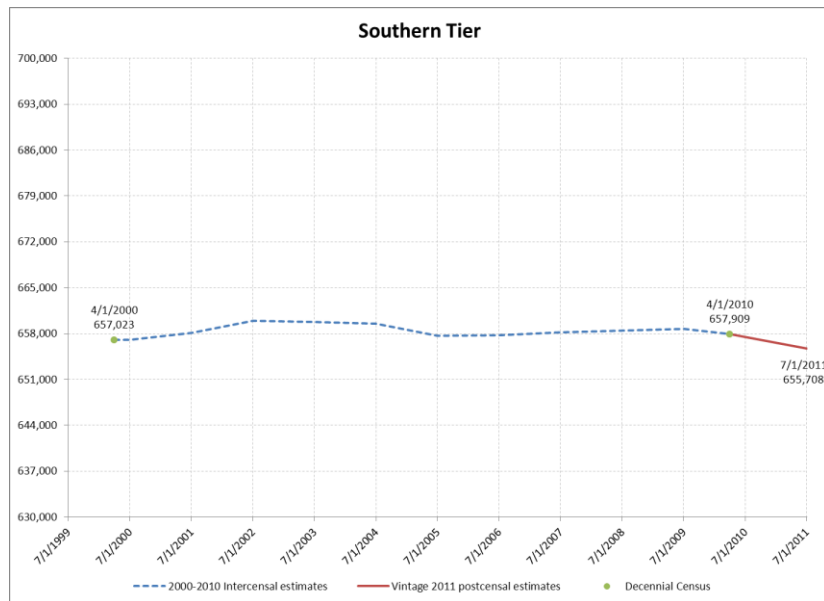
2000-2010 Intercensal and Vintage 2011 postcensal estimates by region



Appendix A

2000-2010 Intercensal and Vintage 2011 postcensal estimates by region





	Base population	July 1, 2010	July 1, 2011	Growth/decline since 4/1/2010	
				Count	Percentage
New York State	19,378,104	19,395,206	19,465,197	87,093	0.45%
Albany	304,206	303,889	303,565	-641	-0.21%
Allegany	48,946	48,951	48,778	-168	-0.34%
Bronx	1,385,108	1,387,159	1,392,002	6,894	0.50%
Broome	200,600	200,368	199,031	-1,569	-0.78%
Cattaraugus	80,317	80,250	79,832	-485	-0.60%
Cayuga	80,027	79,997	79,738	-289	-0.36%
Chautauqua	134,905	134,813	134,368	-537	-0.40%
Chemung	88,830	88,830	88,840	10	0.01%
Chenango	50,477	50,396	50,118	-359	-0.71%
Clinton	82,128	82,143	81,945	-183	-0.22%
Columbia	63,096	63,020	62,550	-546	-0.87%
Cortland	49,336	49,324	49,363	27	0.05%
Delaware	47,981	47,843	47,559	-422	-0.88%
Dutchess	297,488	297,739	297,999	511	0.17%
Erie	919,040	918,751	918,028	-1,012	-0.11%
Essex	39,367	39,316	39,181	-186	-0.47%
Franklin	51,602	51,609	51,551	-51	-0.10%
Fulton	55,531	55,471	55,180	-351	-0.63%
Genesee	60,079	60,080	59,993	-86	-0.14%
Greene	49,221	49,160	48,954	-267	-0.54%
Hamilton	4,836	4,835	4,793	-43	-0.89%
Herkimer	64,519	64,481	64,160	-359	-0.56%
Jefferson	116,229	116,680	117,910	1,681	1.45%
Kings	2,504,700	2,508,515	2,532,645	27,945	1.12%
Lewis	27,087	27,101	27,072	-15	-0.06%
Livingston	65,393	65,349	65,070	-323	-0.49%
Madison	73,442	73,464	73,365	-77	-0.10%
Monroe	744,344	744,635	745,625	1,281	0.17%
Montgomery	50,219	50,260	49,916	-303	-0.60%
Nassau	1,339,532	1,341,033	1,344,436	4,904	0.37%
New York	1,585,873	1,587,481	1,601,948	16,075	1.01%
Niagara	216,469	216,542	216,011	-458	-0.21%
Oneida	234,878	234,870	234,287	-591	-0.25%
Onondaga	467,025	467,253	466,960	-65	-0.01%
Ontario	107,931	108,095	108,525	594	0.55%
Orange	372,813	373,551	374,872	2,059	0.55%
Orleans	42,883	42,861	42,622	-261	-0.61%
Oswego	122,112	122,166	122,228	116	0.09%
Otsego	62,259	62,227	61,917	-342	-0.55%
Putnam	99,710	99,718	99,933	223	0.22%
Queens	2,230,722	2,233,895	2,247,848	17,126	0.77%
Rensselaer	159,429	159,465	159,395	-34	-0.02%
Richmond	468,730	469,393	470,467	1,737	0.37%
Rockland	311,687	312,520	315,158	3,471	1.11%
St. Lawrence	111,944	111,917	111,690	-254	-0.23%
Saratoga	219,607	219,988	220,882	1,275	0.58%
Schenectady	154,727	154,932	155,058	331	0.21%
Schoharie	32,749	32,692	32,578	-171	-0.52%
Schuyler	18,344	18,338	18,361	17	0.09%
Seneca	35,248	35,206	35,198	-50	-0.14%
Steuben	98,989	98,938	99,033	44	0.04%
Suffolk	1,493,350	1,494,388	1,498,816	5,466	0.37%
Sullivan	77,545	77,470	76,900	-645	-0.83%
Tioga	51,125	51,095	51,043	-82	-0.16%
Tompkins	101,564	101,654	101,723	159	0.16%
Ulster	182,496	182,473	182,448	-48	-0.03%
Warren	65,705	65,723	65,831	126	0.19%
Washington	63,216	63,322	63,165	-51	-0.08%
Wayne	93,772	93,783	93,436	-336	-0.36%
Westchester	949,113	950,283	955,899	6,786	0.71%
Wyoming	42,155	42,138	41,944	-211	-0.50%
Yates	25,348	25,367	25,454	106	0.42%

Cornell Program on Applied Demographics

Homepage: <http://pad.human.cornell.edu/>

Estimate trends by county: <http://pad.human.cornell.edu/counties/trends1.cfm>

U.S. Census Bureau

Homepage: <http://www.census.gov/>

Estimates homepage: <http://www.census.gov/popest/index.html>

Methodology: <http://www.census.gov/popest/methodology/2011-nat-st-co-meth.pdf>

Estimates data: <http://www.census.gov/popest/data/index.html>