CURRENT POPULATION REPORTS

Population Estimates and Projections

U.S. DEPARTMENT OF COMMERCE • Social and Economic Statistics Administration • BUREAU OF THE CENSUS

Series P-25, No. 527 Issued September 1974

ESTIMATES OF THE POPULATION OF NEW YORK COUNTIES AND METROPOLITAN AREAS: JULY 1, 1972 AND 1973

This report presents population estimates for July 1, 1972 and provisional estimates for July 1, 1973, for counties and metropolitan areas in New York. These estimates were prepared by the Bureau of the Census as part of its continuing population estimates program. They are consistent in methodological approach with county estimates for other States jointly prepared by State agencies and the Bureau of the Census under the auspices of the Federal-State Cooperative Program and published in Current Population Reports, Series P-26. For a more detailed description of the Federal-State Cooperative Program for Local Population Estimates and an analysis of the 1970 test results, see Current Population Reports, Series P-26, No. 21, "Federal-State Cooperative Program for Local Population Estimates: Test Results--April 1, 1970," April 1973.

County estimates for July 1, 1971 and provisional estimates for July 1, 1972 were published earlier in Current Population Reports, Series P-25, No. 517. The provisional estimates in that report are superseded by the numbers published here. Because of changes in input data for some counties since that report, estimates shown here may not always be completely comparable with those shown for the earlier years.

The estimates shown for July 1, 1972 are based on an average of the following methods, adjusted to agree with the July 1, 1972 State estimates published in Series P-25, No. 508.

1. The Regression (ratio-correlation) method. In the Regression method a multiple regression equation is used to relate changes in a number of different data series to change in population distribution.[1] The series of data used in the Regression method for New York are: elementary school enrollment in grades 1 through 8 plus elementary special and elementary ungraded (X_1), two-year average of resident births (X_2), two-year average of resident deaths (X_3), and registered automobiles (X_4). The prediction equation for New York for the 1970's is given by

$$\hat{Y} = 0.0203 + 0.1847X_1 + 0.2283X_2 + 0.1528X_3 + 0.4406X_4$$

2. Component Method II. This method employs vital statistics to measure natural increase and school enrollment to measure net migration. The estimates made by the Census Bureau's Component Method II are specific to the civilian population under 65. To this population is added an estimate of the resident military population based on station strength statistics and an estimate of the population 65 and over based on Medicare statistics.[1]

3. The Composite method. In this method estimates of various age groups are derived

[1]Descriptions of methodologies are given in Current Population Reports, Series P-25, No. 427 and 520. Modifications made to the methodologies for the current series will be given in forthcoming reports in Series P-25.

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separately and are then summed to secure a total for all ages. Death statistics are used to estimate the population in ages 45 and over, birth statistics are used to estimate the population in ages 18 to 44, and a variation of Component Method II is used to estimate the population in ages under 18. In the case of birth and death statistics, an arithmetic average of two years of data is used for both the base year (1970) and the estimate year (1972). The two-year average is used to smooth out random fluctuations in the data which distort the estimates.[1]

The provisional July 1, 1973 estimates for large metropolitan counties were developed by adding the average change between 1972 and 1973 estimates based on Component Method II and the Housing Unit method to the 1972 estimates. In the Housing Unit method the estimates of population are based on estimates of the housing inventory. Changes in the housing inventory are derived from data on building permits issued and demolition records, or on data on electric meter connections. The provisional July 1, 1973 estimates for the remaining counties were developed by adding the change between 1972 and 1973 Component Method II estimates to the 1972 estimates. All counties were subsequently adjusted to agree with the provisional July 1, 1973 State estimate published in Current Population Reports, Series P-25, No. 520.

[1]See footnote 1 on page 1.

Table 2 of this report presents estimates of the population of metropolitan areas and metropolitan counties in the State. The titles and definitions of the standard metropolitan statistical areas (SMSA's) are those currently defined by the Office of Management and Budget, Executive Office of the President. Where an SMSA falls in more than one State (indicated in the SMSA title) information on the other State parts of the area can be obtained by referring to the appropriate P-25 or P-26 report for the other States.

Corresponding estimates for other States will be published as they become available. The appendix table shows reports published in either Series P-25 or Series P-26 to date for States in the 1972-73 series, together with those published earlier for 1971 and provisional 1972.

The 1970 census total for the State shown on the table may differ slightly from the sum of the counties because of corrections made subsequent to the release of the official State figure. All county populations for 1970 reflect corrections in the census count published in the bound 1970 census volume for the State. Counties with corrections of more than 500 are Nassau, Queens, and Suffolk.

The estimates presented in the table have been rounded to the nearest hundred without being adjusted to the State total, which was independently rounded to the nearest thousand. Percentages are based on unrounded numbers.

Table 1. ESTIMATES OF THE POPULATION OF NEW YORK COUNTIES: JULY 1, 1972 AND JULY 1, 1973

(State estimates are shown to the nearest thousand, county estimates to the nearest hundred)

County	July 1, 1973 (provisional)	July 1, 1972	April 1, 1970 (census)[1]	Change, 1970 to 1973		Components of change, 1970 to 1973[2]			
				Number	Percent	Births	Deaths	Net migration	
								Number	Percent
New York	18,265,000	18,367,000	18,241,266	24,000	0.1	898,000	601,000	-274,000	-1.5
Albany	288,700	290,200	286,742	1,900	0.7	13,000	10,200	-800	-0.3
Allegany	49,400	49,400	46,458	2,900	6.3	2,500	1,500	1,900	4.1
Bronx	1,449,200	1,477,400	1,471,701	-22,500	-1.5	83,600	52,400	-53,700	-3.6
Broome	218,400	219,700	221,815	-3,400	-1.5	10,600	6,700	-7,300	-3.3
Cattaraugus	86,400	86,100	81,666	4,700	5.8	4,700	3,000	3,100	3.7
Cayuga	78,300	78,500	77,439	900	1.2	4,100	2,800	-500	-0.6
Chautauqua	150,500	150,900	147,305	3,100	2.1	7,400	5,700	1,500	1.0
Chemung	100,400	101,600	101,537	-1,100	-1.1	5,000	3,500	-2,600	-2.6
Chenango	47,500	47,400	46,368	1,200	2.5	2,500	1,600	300	0.7
Clinton	82,100	81,100	72,934	9,100	12.5	4,400	1,900	6,600	9.1
Columbia	55,900	55,600	51,519	4,400	8.5	2,500	2,200	4,100	7.9
Cortland	46,500	46,500	45,894	600	1.2	2,500	1,500	-500	-1.1
Delaware	46,500	46,800	44,718	1,800	4.0	2,200	1,700	1,400	3.1
Dutchess	229,700	226,300	222,295	7,400	3.3	10,500	5,900	2,700	1.2
Erie	1,116,100	1,119,100	1,113,491	2,600	0.2	53,100	36,700	-13,800	-1.2
Essex	35,300	35,400	34,631	600	1.8	1,800	1,300	200	0.5
Franklin	45,400	45,300	43,931	1,500	3.5	2,400	1,800	800	1.9
Fulton	57,000	56,100	52,637	4,300	8.2	2,800	2,300	3,900	7.4
Genesee	60,500	60,400	58,722	1,700	2.9	3,400	1,800	200	0.3
Greene	37,200	36,000	33,136	4,100	12.4	1,800	1,600	4,000	12.0
Hamilton	5,100	4,900	4,714	400	7.5	200	200	400	7.4
Herkimer	69,400	69,200	67,633	1,700	2.6	3,500	2,600	800	1.2
Jefferson	92,300	91,100	88,508	3,800	4.3	5,100	3,500	2,200	2.5
Kings	2,507,100	2,554,100	2,602,012	-95,000	-3.6	148,600	90,600	-153,000	-5.9
Lewis	25,300	24,900	23,644	1,600	6.8	1,400	800	1,000	4.2
Livingston	56,500	56,000	54,041	2,500	4.6	3,000	1,500	1,000	1.8
Madison	64,300	64,300	62,864	1,400	2.2	3,500	1,800	-200	-0.4
Monroe	706,700	712,600	711,917	-5,200	-0.7	36,400	19,900	-21,700	-3.0
Montgomery	57,200	57,600	55,883	1,300	2.3	2,700	2,500	1,100	2.0
Nassau	1,412,400	1,427,800	1,428,838	-16,400	-1.1	49,500	37,200	-28,700	-2.0
New York	1,463,800	1,484,500	1,539,233	-75,500	-4.9	64,200	67,700	-71,900	-4.7
Niagara	237,400	236,500	235,720	1,700	0.7	11,600	7,300	-2,700	-1.1
Oneida	274,000	275,800	273,037	1,000	0.4	13,900	9,000	-3,900	-1.4
Onondaga	469,500	472,000	472,835	-3,300	-0.7	24,100	13,700	-13,700	-2.9
Ontario	83,100	81,800	78,849	4,200	5.3	4,200	2,500	2,500	3.2
Orange	233,600	231,300	221,657	11,900	5.4	12,200	7,600	7,300	3.3
Orleans	38,200	37,800	37,305	900	2.4	2,200	1,300	(Z)	(Z)
Oswego	107,200	106,700	100,897	6,300	6.2	6,300	3,300	3,300	3.2
Otsego	57,600	57,800	56,181	1,400	2.5	2,500	2,100	1,000	1.8
Putnam	63,500	61,200	56,696	6,800	12.0	3,100	1,500	5,200	9.2
Queens	1,984,600	1,997,900	1,987,174	-2,500	-0.1	88,900	67,000	-24,500	-1.2
Rensselaer	155,700	155,900	152,510	3,200	2.1	8,000	5,500	700	0.4
Richmond	312,000	309,900	295,443	16,500	5.6	15,000	8,500	10,000	3.4
Rockland	240,100	237,400	229,903	10,200	4.4	10,500	5,000	4,600	2.0
St. Lawrence	116,500	116,600	112,309	4,200	3.7	6,200	3,600	1,600	1.4

See footnotes at end of table.

Table 1. ESTIMATES OF THE POPULATION OF NEW YORK COUNTIES: JULY 1, 1972 AND JULY 1, 1973—Continued

(State estimates are shown to the nearest thousand, county estimates to the nearest hundred)

County	July 1, 1973 (provisional)	July 1, 1972	April 1, 1970 (census)[1]	Change, 1970 to 1973		Components of change, 1970 to 1973[2]			
				Number	Percent	Births	Deaths	Net migration	
								Number	Percent
New York--Con.									
Saratoga	138,000	134,000	121,764	16,200	13.3	7,600	3,500	12,100	9.9
Schenectady	159,900	163,000	161,078	-1,200	-0.7	7,600	5,700	-3,000	-1.9
Schoharie	29,600	28,000	24,750	4,900	19.6	1,400	1,000	4,500	18.3
Schuyler	17,200	17,300	16,737	500	3.0	900	600	200	1.2
Seneca	34,000	34,300	35,083	-1,000	-3.0	1,700	1,100	-1,700	-4.7
Steuben	101,700	101,800	99,546	2,100	2.2	5,300	3,500	300	0.3
Suffolk	1,197,200	1,179,600	1,127,030	70,100	6.2	60,100	27,100	37,100	3.3
Sullivan	57,700	56,400	52,580	5,200	9.8	2,600	2,300	4,900	9.3
Tioga	47,300	47,700	46,513	800	1.7	2,600	1,300	-500	-1.1
Tompkins	80,100	79,000	77,064	3,000	3.9	3,700	1,800	1,200	1.5
Ulster	151,600	149,100	141,241	10,300	7.3	6,900	5,000	8,400	6.0
Warren	51,100	50,900	49,402	1,700	3.5	3,000	1,900	600	1.3
Washington	54,900	54,500	52,725	2,200	4.2	2,900	1,900	1,200	2.3
Wayne	80,500	81,400	79,404	1,100	1.4	4,700	2,500	-1,000	-1.3
Westchester	891,100	896,400	894,406	-3,300	-0.4	36,600	27,400	-12,600	-1.4
Wyoming	38,300	37,500	37,688	600	1.5	2,100	1,300	-200	-0.6
Yates	21,000	20,600	19,831	1,200	5.9	900	800	1,000	5.3

Z Less than 50 persons or less than 0.05 percent.

[1]Total does not agree with the sum of the counties due to corrections made to the county populations after release of the official State counts.

[2]Births and deaths are based on reported vital statistics from April 1, 1970, to December 31, 1972, with extrapolations to June 30, 1973. Net migration is the difference between net change and natural increase.

Table 2. ESTIMATES OF THE POPULATION OF METROPOLITAN AREAS AND THEIR COMPONENT COUNTIES: NEW YORK, JULY 1, 1972 AND 1973

(SMSA totals rounded independently of county numbers)

Standard metropolitan statistical area and county	July 1, 1973 (provisional)	July 1, 1972	April 1, 1970 (census)	Change, 1970 to 1973		Components of change, 1970 to 1973[1]			
				Number	Percent	Births	Deaths	Net migration	
								Number	Percent
ALBANY-SCHENECTADY-TROY, N.Y.	799,400	800,700	777,977	21,400	2.8	38,800	27,400	10,000	1.3
Albany	288,700	290,200	286,742	1,900	0.7	13,000	10,200	-800	-0.3
Montgomery	57,200	57,600	55,883	1,300	2.3	2,700	2,500	1,100	2.0
Rensselaer	155,700	155,900	152,510	3,200	2.1	8,000	5,500	700	0.4
Saratoga	138,000	134,000	121,764	16,200	13.3	7,600	3,500	12,100	9.9
Schenectady	159,900	163,000	161,078	-1,200	-0.7	7,600	5,700	-3,000	-1.9
BINGHAMTON, N.Y.-PA. (N.Y. portion)	265,700	267,400	268,328	-2,600	-1.0	13,100	7,900	-7,800	-2.9
Broome	218,400	219,700	221,815	-3,400	-1.5	10,600	6,700	-7,300	-3.3
Tioga	47,300	47,700	46,513	800	1.7	2,600	1,300	-500	-1.1
BUFFALO, N.Y.	1,353,500	1,355,700	1,349,211	4,200	0.3	64,700	44,000	-16,500	-1.2
Erie	1,116,100	1,119,100	1,113,491	2,600	0.2	53,100	36,700	-13,800	-1.2
Niagara	237,400	236,500	235,720	1,700	0.7	11,600	7,300	-2,700	-1.1
ELMIRA, N.Y.	100,400	101,600	101,537	-1,100	-1.1	5,000	3,500	-2,600	-2.6
Chemung	100,400	101,600	101,537	-1,100	-1.1	5,000	3,500	-2,600	-2.6
NASSAU-SUFFOLK, N.Y.	2,609,600	2,607,400	2,555,868	53,700	2.1	109,700	64,300	8,300	0.3
Nassau	1,412,400	1,427,800	1,428,838	-16,400	-1.1	49,500	37,200	-28,700	-2.0
Suffolk	1,197,200	1,179,600	1,127,030	70,100	6.2	60,100	27,100	37,100	3.3
NEW YORK, N.Y.-N.J. (N.Y. portion)	8,911,300	9,018,900	9,076,568	-165,300	-1.8	450,600	320,100	-295,800	-3.3
New York City	7,716,600	7,823,800	7,895,563	-179,000	-2.3	400,300	286,200	-293,100	-3.7
Bronx	1,449,200	1,477,400	1,471,701	-22,500	-1.5	83,600	52,400	-53,700	-3.6
Kings (Brooklyn Borough)	2,507,100	2,554,100	2,602,012	-95,000	-3.6	148,600	90,600	-153,000	-5.9
New York (Manhattan Borough)	1,463,800	1,484,500	1,539,233	-75,500	-4.9	64,200	67,700	-71,900	-4.7
Queens	1,984,600	1,997,900	1,987,174	-2,500	-0.1	88,900	67,000	-24,500	-1.2
Richmond	312,000	309,900	295,443	16,500	5.6	15,000	8,500	10,000	3.4
Putnam	63,500	61,200	56,696	6,800	12.0	3,100	1,500	5,200	9.2
Rockland	240,100	237,400	229,903	10,200	4.4	10,500	5,000	4,600	2.0
Westchester	891,100	896,400	894,406	-3,300	-0.4	36,600	27,400	-12,600	-1.4
POUGHKEEPSIE, N.Y.	229,700	226,300	225,295	7,400	3.3	10,500	5,900	2,700	1.2
Dutchess	229,700	226,300	225,295	7,400	3.3	10,500	5,900	2,700	1.2
ROCHESTER, N.Y.	965,000	969,700	961,516	3,500	0.4	50,400	27,700	-19,200	-2.0
Livingston	56,500	56,000	54,041	2,500	4.6	3,000	1,500	1,000	1.8
Monroe	706,700	712,600	711,917	-5,200	-0.7	36,400	19,900	-21,700	-3.0
Ontario	83,100	81,800	78,849	4,200	5.3	4,200	2,500	2,500	3.2
Orleans	38,200	37,800	37,305	900	2.4	2,200	1,300	(Z)	(Z)
Wayne	80,500	81,400	79,404	1,100	1.4	4,700	2,500	-1,000	-1.3
SYRACUSE, N.Y.	641,000	643,000	636,596	4,400	0.7	33,800	18,800	-10,600	-1.7
Madison	64,300	64,300	62,864	1,400	2.2	3,500	1,800	-200	-0.4
Onondaga	469,500	472,000	472,835	-3,300	-0.7	24,100	13,700	-13,700	-2.9
Oswego	107,200	106,700	100,897	6,300	6.2	6,300	3,300	3,300	3.2
UTICA-ROME, N.Y.	343,400	345,000	340,670	2,700	0.8	17,400	11,600	-3,100	-0.9
Herkimer	69,400	69,200	67,633	1,700	2.6	3,500	2,600	800	1.2
Oneida	274,000	275,800	273,037	1,000	0.4	13,900	9,000	-3,900	-1.4

[1]Births and deaths are based on reported vital statistics from April 1, 1970, to December 31, 1972, with extrapolations to June 30, 1973. Net migration is the difference between net change and natural increase.

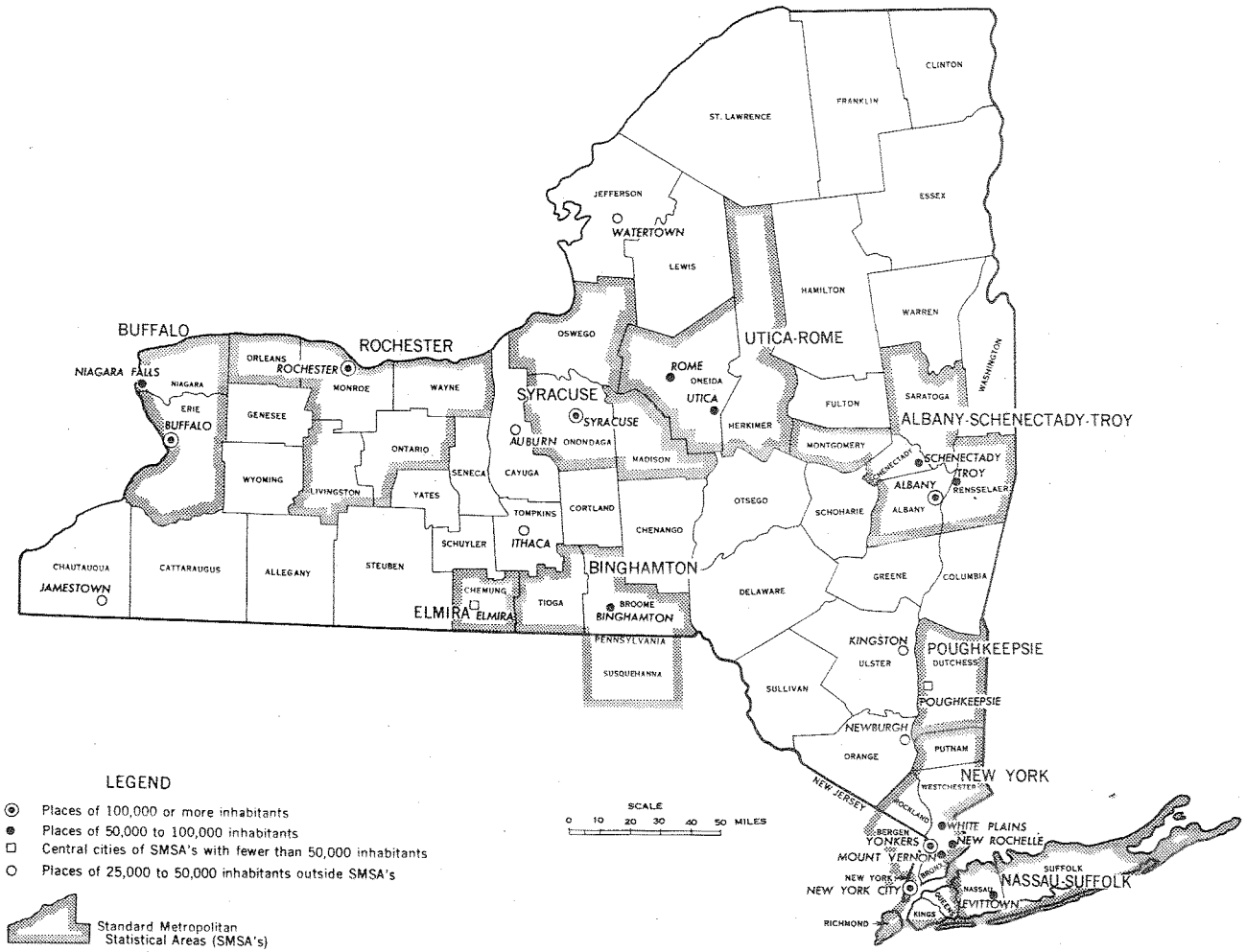
APPENDIX

ESTIMATES PUBLISHED IN SERIES P-26 REPORTS SINCE 1970 CENSUS

State	Report No.		State	Report No.		State	Report No.		State	Report No.	
	1972 and provisional 1973	1971 and provisional 1972		1972 and provisional 1973	1971 and provisional 1972		1972 and provisional 1973	1971 and provisional 1972		1972 and provisional 1973	1971 and provisional 1972
Ala.....	76	48	Ind....	75	14	Nebr....	58	25	R.I.....	65	22
Alaska...		(X)	Iowa...	72	31	Nev.....	67	29	S.C.....	71	34
Ariz.....	50	*11	Kans...	64	43	N.H.....	52	18	S.Dak...	61	*12
Ark.....	70	33	Ky.....		35	N.J.....	82	20	Tenn....	83	47
Calif....		*41	La.....	54	*16	N.Mex...		(X)	Tex.....		(X)
Colo.....	62	17	Maine..	59	28	N.Y.....	(1)	(X)	Utah....	55	10
Conn.....	79	(X)	Md.....		(X)						
Del.....	57	15	Mass...		42	N.C.....	68	44	Vt.....	49	*13
Fla.....		46	Mich...	69	32	N.Dak...	60	(X)	Va.....		36
Ga.....		37	Minn...		38	Ohio....	80	*40	Wash....	66	(X)
Hawaii...	56	23	Miss...		(X)	Okla....	63	24	W.Va....		30
Idaho....	51	9	Mo.....	77	45	Oreg....	74	(X)	Wis.....	81	26
Ill.....	78	27	Mont...	53	19	Pa.....		*39	Wyo.....	73	(X)

* First year only.
X No estimates published for this State.
[1] Estimates for New York Counties are published in Current Population Reports, Series P-25, No. 527.

COUNTIES, METROPOLITAN AREAS, AND SELECTED PLACES: NEW YORK



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