

NEW JERSEY

PROVISIONAL

POPULATION

ESTIMATES

JULY 1, 1979

**DEPARTMENT OF LABOR AND INDUSTRY
DIVISION OF PLANNING AND RESEARCH**

August 1980

PROVISIONAL
POPULATION ESTIMATES
FOR
NEW JERSEY

JULY 1, 1979

1980 TEST OF METHODS
REPORT 1

STATE OF NEW JERSEY
BRENDAN T. BYRNE, GOVERNOR

Department of Labor and Industry
John J. Horn, Commissioner

Office of Demographic and Economic Analysis
Division of Planning and Research

CN 388

Trenton, New Jersey 08625

August 1980

NOTES ON DATA, METHODS AND PLANS
FOR THE 1980 TEST OF METHODS
POPULATION ESTIMATES BY MUNICIPALITY

This is the first in a series of reports analyzing and evaluating current techniques of estimating population against the results of the 1980 Census. It contains provisional July 1, 1979 and revised July 1, 1978 population estimates for the State of New Jersey, its 21 counties, and 567 municipalities.¹ The next report in the series will compare these estimates with the preliminary 1980 Census counts to be released in Fall 1980. Later reports will provide analyses of the strength and weaknesses of each technique in use, evaluations of proposed alternative methods, and recommendations for the population estimating program for the 1980's.

The 1978 estimates in this report supersede the estimates published in June 1979 and the revisions of May 1980 by the Department of Labor and Industry. While the techniques used to generate the estimates in this report are consistent with those used in the June 1979 publication, revisions tend to reflect more complete and refined input data.

The revised 1978 municipality estimates are based on two techniques, the Administrative Records Method and the Housing Unit Method. Because 1979 Administrative Records estimates were not available, the provisional 1979 estimates were based on the revised 1978 estimates adjusted to the change between 1978 and 1979 in the Housing Unit Method. It is expected that Administrative Records statistics will be available by the end of 1980, after which the 1979 estimates will be revised.

Municipality Estimates

To estimate population by minor civil divisions for 1978, two independent techniques were used -- Administrative Records and a Housing Unit Method. The resulting estimates were averaged. Both methods utilize 1970 corrected Census of Population and Housing data as a base.

Administrative Records Method is a component procedure developed by the U.S. Census Bureau in which post-1970 births, deaths, net migration, and special populations are estimated separately. Reported births and deaths by residence are used to estimate natural increment. Migration rates are determined through Federal income tax 1040 returns. Individual returns are matched for successive time periods to arrive at in-migrants, out-migrants and non-migrants by area. A net migration rate, which is developed from the difference between the in- and out-migration of taxpayers and their dependents, is then applied to the base year population to yield an estimate of net migration for

¹ These estimates were produced before the tabulation of the 1980 Census was complete. They have not been adjusted to reflect the 1980 counts.

all persons in the area. Adjustments for special populations, whose changes cannot be adequately reflected by the above components, are then made. Such special populations include immigrants from abroad, members of the Armed Forces living in barracks, residents of institutions, and college students.

Housing Unit Method. This method begins with the permanent year-round housing inventory from the 1970 Census as a base and estimates post-1970 changes in year-round units through the use of reported building permits (adjusted for units authorized but never constructed) and demolition data; surveys of mobile-home parks; and adjustments for segments of public housing, and conversions such as seasonal to permanent units, which are not covered by building permits. Occupancy rates and population per household from the decennial census are modified in accordance with observed changes in the North-eastern United States, as reported in U.S. Census Bureau surveys. These rates are then applied to the estimated current year-round housing inventory to arrive at household population. Once again, adjustments are made for special populations, i.e., those living in group quarters.

Because of the unavailability of 1979 Administrative Records data, the provisional estimates for July 1, 1979 were developed by adding to the revised 1978 estimates the change between the 1978 and 1979 Housing Unit Method estimates.

Also, all population estimates, especially those fluctuating atypically, are monitored and verified against movements in related series such as elementary school enrollments, and where necessary, by field observation.

In addition, all corrections to the 1970 Census, and to the provisional 1978 estimates which were made prior to August 15, 1980, annual housing survey data from 1974-1975 for the City of Newark, and special censuses certified after April 1, 1970 by the U.S. Census Bureau of the Census were taken into consideration in the development of the estimates.²

County and State Estimates

For 1978, the municipality estimates in each county were adjusted to independent county estimates of total population. The county estimates represent an average of the results of three methods -- Administrative Records, Ratio-Correlation, and Component Method II. The provisional July 1, 1979 estimates were developed by adding to the 1978 revised estimates the average change between the 1978 and 1979 Component Method II and Ratio-Correlation estimates. The county figures were developed by this Department in conjunction with the U.S. Census Bureau, as part of the Federal-State Cooperative Program for Local Area Population Estimates.

² In a few municipalities where special censuses or sample surveys were conducted by localities, where the procedures and definitions were statistically and demographically acceptable, the results were used in preparing their estimates. A survey by the City of Paterson was being reevaluated at the time the July 1, 1978 estimates were published. That review has been completed and the results are reflected in the statistics presented here for the City and Passaic County. The estimates in this report do not reflect 1980 Census counts.

Administrative Records Method for counties is much the same as for municipalities. In the Administrative Records procedure for counties, however, the population 65 years of age and over is estimated separately, using post-1970 Census Medicare enrollment data.

Component Method II utilizes reported births and deaths to measure natural increment and elementary school enrollment to determine net migration of the under 65 year old household population. Special populations and those 65 years of age and over are estimated in a similar manner to the Administrative Records method.

Ratio-Correlation employs a multiple correlation equation to relate changes in four data series to changes in the population distribution of the State's 21 counties. The series used in New Jersey are passenger car registrations (X₁), a two-year average of resident births (X₂), employment covered by unemployment insurance (X₃), and housing units (X₄).³ The equation is:

$$\hat{y} = -0.22 + 0.57X_1 + 0.23X_2 + 0.17X_3 + 0.24X_4$$

The county estimates of total population similarly are adjusted to State estimates developed by the U.S. Census Bureau with the assistance of this Department. The State estimates are an average of the results from Ratio-Correlation, Component Method II, and Administrative Records. The 1978 Ratio-Correlation Method for the under 65 year old population has as its independent variables: elementary school enrollment (X₁), Federal income tax returns (X₂), and labor force (X₃). The 1978 equation is:

$$\hat{y} = +0.12 + 0.29X_1 + 0.25X_2 + 0.34X_3$$

The provisional July 1, 1979 estimates were obtained by adding the average change between 1978 and 1979 for Component Method II and a two-variable ratio-correlation estimate (elementary school enrollment and labor force) to the revised 1978 State estimate.

In Appreciation

This Department would like to acknowledge the technical assistance of several individuals and organizations, who made invaluable contributions to our estimation process. We are very grateful for the constructive criticism of our procedures and suggestions for future research provided by the following academic demographers:

³ County birth data for 1979 were not available at the time these estimates were made. Instead a projection of births based on 1976, 1977 and 1978 data was used. It is expected that the 1979 birth statistics will be available by September 1980. They will be used when the 1979 estimates are revised.

- . Bryan Boulier, Office of Population Research, Princeton University
- . Eugene P. Ericksen, Institute for Survey Research, Temple University
- . Stephen Gale, Population Study Center, University of Pennsylvania
- . Michael R. Greenberg, Department of Community Affairs, Livingston College, Rutgers University
- . James W. Hughes, Department of Urban Planning, Livingston College, Rutgers University
- . Abram J. Jaffe, School of Applied Social Research, Columbia University
- . Donald A. Krueckeberg, Department of Urban Planning, Livingston College, Rutgers University
- . Phillip Sagi, Population Study Center, University of Pennsylvania
- . James Trussell, Office of Population Research, Princeton University
- . Julian Wolpert, School of Architecture, Princeton University

Also, we appreciate the willingness of the county planning boards to join with us in a State-County Cooperative Program for Population. They have helped improve the quality and availability of local area data both in terms of administratively collected statistics and field surveys.

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|------------------------------------|---|--|
| . Atlantic County Planning Board | - | Robert Tublitz |
| . Bergen County Planning Board | - | James E. Hulsizer |
| . Burlington County Planning Board | - | Bernard Cedar
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| . Camden County Planning Board | - | Joseph T. Paterno |
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| . Sussex County Planning Board | - | Wayne T. McCabe |
| . Union County Planning Board | - | Alfred H. Linden |
| . Warren County Planning Board | - | Bernard Rooney |

RESIDENT POPULATION ESTIMATES
FOR NEW JERSEY COUNTIES¹

<u>COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES²</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
Atlantic	175,043	189,400	191,500
Bergen	897,148	863,800	861,800
Burlington	323,132	363,400	368,200
Camden	456,291	471,500	475,400
Cape May	59,554	76,500	78,400
Cumberland	121,374	130,600	128,100
Essex	932,526	829,000	819,000
Gloucester	172,681	199,600	204,000
Hudson	607,839	554,100	543,300
Hunterdon	69,718	84,500	86,700
Mercer	304,116	316,200	314,500
Middlesex	583,813	590,100	594,200
Monmouth	461,849	497,900	500,500
Morris	383,454	402,800	405,700
Ocean	208,470	331,100	341,000
Passaic	460,782	444,700	445,100
Salem	60,346	62,400	61,800
Somerset	198,372	207,100	210,200
Sussex	77,528	109,300	112,700
Union	543,116	507,900	506,100
Warren	73,960	83,500	83,700
STATE TOTAL	7,171,112	7,316,000	7,332,000

(R) Revised (P) Provisional

¹ These estimates were produced before the tabulation of the 1980 Census was complete. They have not been adjusted to reflect the 1980 counts.

² State estimates are shown to nearest thousand. County estimates to nearest hundred.

COMPONENTS OF RESIDENT POPULATION CHANGE BY COUNTY¹
 APRIL 1, 1970 TO JULY 1, 1979

COUNTY	POPULATION		COMPONENTS OF CHANGE		
	April 1, 1970	July 1, 1979 (P)	Total	Natural Increment	Net Migration
Atlantic	175,043	191,500	16,500	1,300	15,100
Bergen	897,148	861,800	-35,300	13,400	-48,700
Burlington	323,132	368,200	45,100	26,400	18,700
Camden	456,291	475,400	19,100	26,500	-7,500
Cape May	59,554	78,400	18,900	-1,900	20,800
Cumberland	121,374	128,100	6,700	8,400	-1,700
Essex	932,526	819,000	-113,500	36,800	-153,300
Gloucester	172,681	204,000	31,300	11,400	19,900
Hudson	607,839	543,300	-64,500	18,400	-83,000
Hunterdon	69,718	86,700	17,000	3,300	13,700
Mercer	304,116	314,500	10,400	12,700	-2,300
Middlesex	583,813	594,200	10,400	30,700	-20,300
Monmouth	461,849	500,500	38,700	18,700	20,000
Morris	383,454	405,700	22,200	22,300	0
Ocean	208,470	341,000	132,500	6,800	125,700
Passaic	460,782	445,100	-15,700	22,900	-38,600
Salem	60,346	61,800	1,500	2,800	-1,400
Somerset	198,372	210,200	11,800	7,800	4,000
Sussex	77,528	112,700	35,100	7,400	27,800
Union	543,116	506,100	-37,000	11,000	-48,000
Warren	73,960	83,700	9,700	2,600	7,200
STATE TOTAL	7,171,112	7,332,000	161,000	290,000	-129,000

(P) Provisional

¹ State estimates are shown to nearest thousand. County estimates to nearest hundred. Components of change may not add to totals due to rounding.

RESIDENT POPULATION

<u>ATLANTIC COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
Absecon City	6,094	6,893	6,963
Atlantic City	47,859	41,990	41,322
Brigantine City	6,741	8,503	9,076
Buena Boro	3,283	3,333	3,394
Buena Vista Boro	4,239	5,269	5,375
Corbin City	258	279	279
Egg Harbor City	4,304	4,394	4,412
Egg Harbor Twp.	9,882	16,268	16,548
Estell Manor City	539	745	795
Folsom Boro	1,767	2,298	2,350
Galloway Twp.	8,276	10,627	10,995
Hamilton Twp.	6,445	9,450	9,484
Hammonton Town	11,464	11,840	11,969
Linwood City	6,159	6,464	6,596
Longport Boro	1,225	1,752	1,778
Margate City	10,576	10,663	10,751
Mullica Twp.	3,391	3,813	3,994
Northfield City	8,646	7,930	8,009
Pleasantville City	14,007	13,794	13,812
Port Republic City	586	846	880
Somers Point City	7,919	9,789	10,060
Ventnor City	10,385	11,256	11,448
Weymouth Twp.	998	1,179	1,212
Total	175,043	189,375	191,502

BERGEN COUNTY

Allendale Boro	6,240	6,062	6,081
Alpine Boro	1,344	1,538	1,568
Bergenfield Boro	29,000	26,409	26,253
Bogota Boro	8,960	8,118	8,065
Carlstadt Boro	6,724	6,242	6,180
Cliffside Park Boro	18,891	23,184	23,116
Closter Boro	8,604	8,297	8,278
Cresskill Boro	8,298	7,769	7,785
Demarest Boro	5,133	4,997	5,023
Dumont Boro	20,155	18,460	18,348
East Rutherford Boro	8,536	8,115	8,145
Edgewater Boro	4,987	5,091	5,069
*Elmwood Park Boro	20,511	19,128	19,114
Emerson Boro	8,428	7,917	7,859
Englewood City	24,985	23,290	23,149
Englewood Cliffs Boro	5,938	5,972	6,004
Fair Lawn Boro	37,975	34,810	34,571
Fairview Boro	10,698	10,312	10,775
Fort Lee Boro	30,631	35,147	34,561

*East Paterson Boro name changed to Elmwood Park Boro, January 1, 1973.

RESIDENT POPULATION

BERGEN COUNTY (Continued)	CENSUS	ESTIMATES	
	April 1, 1970	July 1, 1978 (R)	July 1, 1979 (P)
Franklin Lakes Boro	7,550	8,329	8,675
Garfield City	30,797	27,809	27,616
Glen Rock Boro	13,011	11,875	11,800
Hackensack City	36,008	37,064	36,721
Harrington Park Boro	4,841	4,798	4,858
Hasbrouck Heights Boro	13,651	12,465	12,380
Haworth Boro	3,760	3,569	3,567
Hillsdale Boro	11,768	11,213	11,175
Hohokus Boro	4,348	4,156	4,148
Leonia Boro	8,847	8,032	7,980
Little Ferry Boro	9,064	9,219	9,181
Lodi Boro	25,163	24,227	24,100
Lyndhurst Twp.	22,729	20,720	20,585
Mahwah Twp.	10,800	12,130	12,451
Maywood Boro	11,087	10,053	9,984
Midland Park Boro	8,159	7,670	7,624
Montvale Boro	7,327	7,423	7,509
Moonachie Boro	2,951	2,768	2,747
New Milford Boro	19,149	17,353	17,259
North Arlington Boro	18,096	16,603	16,486
Northvale Boro	5,177	5,096	5,090
Norwood Boro	4,398	4,465	4,476
Oakland Boro	14,420	13,630	13,568
Old Tappan Boro	3,917	4,120	4,143
Oradell Boro	8,903	8,549	8,634
Palisades Park Boro	13,351	13,080	13,169
Paramus Boro	28,381	27,277	27,179
Park Ridge Boro	8,709	8,962	8,929
Ramsey Boro	12,571	12,348	12,503
Ridgefield Boro	11,308	10,378	10,326
Ridgefield Park Boro	13,990	12,802	12,705
Ridgewood Twp.	27,547	25,477	25,344
River Edge Boro	12,850	11,643	11,476
River Vale Twp.	8,883	9,532	9,886
Rochelle Park Twp.	6,380	5,758	5,712
Rockleigh Boro	308	292	291
Rutherford Boro	20,802	19,110	19,050
Saddle Brook Twp.	15,975	14,658	14,564
Saddle River Boro	2,437	2,602	2,626
South Hackensack Twp.	2,412	2,264	2,263
Teaneck Twp.	42,355	39,098	38,812
Tenafly Boro	14,827	13,751	13,704
Teterboro Boro	19	17	16
Upper Saddle River Boro	7,949	8,331	8,343
Waldwick Boro	12,313	11,718	11,664
Wallington Boro	10,284	10,330	10,278
Washington Twp.	10,577	10,149	10,327
Westwood Boro	11,105	10,804	10,735
Woodcliff Lake Boro	5,506	5,695	5,734
Wood-Ridge Boro	8,311	8,023	7,963
Wyckoff Twp.	16,039	15,552	15,527
Total	897,148	863,845	861,827

RESIDENT POPULATION

<u>BURLINGTON COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	April 1, 1970	July 1, 1978 (R)	July 1, 1979 (P)
Bass River Twp.	815	1,146	1,147
Beverly City	3,105	2,965	2,949
Bordentown City	4,490	4,600	4,564
Bordentown Twp.	7,303	7,418	7,370
Burlington City	12,010	11,417	11,349
Burlington Twp.	10,621	11,702	11,637
Chesterfield Twp.	3,190	3,493	3,487
Cinnaminson Twp.	16,962	16,994	16,913
Delanco Twp.	4,157	3,878	3,866
Delran Twp.	10,065	16,644	16,547
Eastampton Twp.	2,284	3,491	3,470
Edgewater Park Twp.	7,412	9,592	9,603
Evesham Twp.	13,477	19,466	21,065
Fieldsboro Boro	615	572	569
Florence Twp.	8,560	8,706	8,809
Hainesport Twp.	2,990	2,868	2,896
Lumberton Twp.	3,945	5,122	5,088
Mansfield Twp.	2,597	2,680	2,699
Maple Shade Twp.	16,464	22,689	22,526
Medford Lakes Boro	4,792	5,841	5,929
Medford Twp.	8,292	15,095	15,915
Moorestown Twp.	15,577	15,509	15,509
Mt. Holly Twp.	12,713	12,252	12,169
Mt. Laurel Twp.	11,221	15,537	17,173
New Hanover Twp.	27,410	14,442	14,175
North Hanover Twp.	9,858	9,611	9,609
Palmyra Boro	6,969	7,657	7,573
Pemberton Boro	1,344	1,430	1,439
Pemberton Twp.	19,754	28,128	28,037
Riverside Twp.	8,591	7,912	7,884
Riverton Boro	3,412	3,051	3,033
Shamong Twp.	1,318	3,310	3,711
Southampton Twp.	4,982	10,421	10,782
Springfield Twp.	2,244	2,394	2,420
Tabernacle Twp.	2,103	4,292	5,179
Washington Twp.	673	695	695
Westampton Twp.	2,680	3,228	3,551
Willingboro Twp.	43,386	42,130	41,925
Woodland Twp.	2,032	2,319	2,287
Wrightstown Boro	2,719	2,663	2,645
Total	323,132	363,360	368,194

CAMDEN COUNTY

Audubon Boro	10,802	9,784	9,711
Audubon Park Boro	1,492	1,318	1,308
Barrington Boro	8,409	7,847	7,801
Bellmawr Boro	15,618	14,402	14,298

RESIDENT POPULATION

CAMDEN COUNTY (Continued)	CENSUS	ESTIMATES	
	April 1, 1970	July 1, 1978 (R)	July 1, 1979 (P)
Berlin Boro	4,997	5,603	5,702
Berlin Twp.	5,692	5,831	6,040
Brooklawn Boro	2,870	2,596	2,577
Camden City	102,551	86,623	84,871
Cherry Hill Twp.	64,395	68,877	70,317
Chesilhurst Boro	801	1,489	1,517
Clementon Boro	4,492	5,894	5,868
Collingswood Boro	17,422	15,840	15,727
Gibbsboro Boro	2,634	2,452	2,476
Gloucester City	14,707	13,413	13,363
Gloucester Twp.	26,511	39,352	40,785
Haddonfield Boro	13,118	12,350	12,311
Haddon Heights Boro	9,365	8,859	8,779
Haddon Twp.	18,192	16,729	16,606
Hi-Nella Boro	1,195	1,095	1,087
Laurel Springs Boro	2,566	2,749	2,737
Lawnside Boro	2,757	3,309	3,324
Lindenwold Boro	12,199	18,442	18,382
Magnolia Boro	5,893	5,637	5,596
Merchantville Boro	4,425	4,154	4,141
Mt. Ephraim Boro	5,625	5,042	5,007
Oaklyn Boro	4,626	4,157	4,148
Pennsauken Twp.	36,394	34,765	34,676
Pine Hill Boro	5,132	8,241	7,951
Pine Valley Boro	23	21	22
Runnemede Boro	10,475	9,503	9,690
Somerdale Boro	6,510	6,496	6,449
Stratford Boro	9,801	8,916	8,857
Tavistock Boro	12	12	14
Voorhees Twp.	6,214	12,117	13,976
Waterford Twp.	4,073	6,197	7,149
Winslow Twp.	11,202	18,593	19,352
Woodlynne Boro	3,101	2,777	2,756
Total	456,291	471,482	475,371

CAPE MAY COUNTY

Avalon Boro	1,283	2,078	2,226
Cape May City	4,392	4,866	4,873
Cape May Point Boro	204	342	359
Dennis Twp.	2,635	3,408	3,550
Lower Twp.	10,154	15,868	16,285
Middle Twp.	8,725	10,221	10,436
North Wildwood City	3,914	4,866	5,040
Ocean City	10,575	12,524	12,615
Sea Isle City	1,712	2,868	2,963
Stone Harbor City	1,089	1,320	1,334
Upper Twp.	3,413	5,914	6,244

RESIDENT POPULATION

<u>CAPE MAY COUNTY (Continued)</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
West Cape May Boro	1,005	1,111	1,145
West Wildwood Boro	235	329	362
Wildwood City	4,110	3,983	4,029
Wildwood Crest Boro	3,483	3,949	4,100
Woodbine Boro	2,625	2,880	2,872
Total	59,554	76,527	78,433
 <u>CUMBERLAND COUNTY</u>			
Bridgeton City	20,435	19,589	18,976
Commercial Twp.	3,667	3,854	4,221
Deerfield Twp.	2,464	2,610	2,558
Downe Twp.	1,777	1,950	1,941
Fairfield Twp.	4,990	5,489	5,410
Greenwich Twp.	963	989	964
Hopewell Twp.	3,970	4,108	3,983
Lawrence Twp.	2,329	2,304	2,235
Maurice River Twp.	3,743	4,575	4,457
Millville City	21,366	24,298	23,774
Shiloh Boro	573	557	542
Stow Creek Twp.	1,050	1,184	1,200
Upper Deerfield Twp.	6,648	6,560	6,445
Vineland City	47,399	52,502	51,377
Total	121,374	130,569	128,083
 <u>ESSEX COUNTY</u>			
Belleville Town	37,629	36,347	36,026
Bloomfield Town	52,029	49,211	48,767
Caldwell Boro	8,677	7,879	7,769
Cedar Grove Twp.	15,582	12,658	12,521
East Orange City	75,471	70,342	69,811
Essex Fells Boro	2,541	2,420	2,407
Fairfield Boro	6,884	7,494	7,445
Glen Ridge Boro	8,518	7,934	7,850
Irvington Town	59,743	55,253	54,599
Livingston Twp.	30,127	29,073	28,883
Maplewood Twp.	24,932	22,840	22,909
Millburn Twp.	21,089	19,991	19,833
Montclair Town	44,043	39,649	39,238
Newark City	381,930	313,712	307,207
North Caldwell Boro	6,733	6,633	6,617
Nutley Town	31,913	29,872	29,558
Orange City	32,566	29,778	29,925
Roseland Boro	4,453	5,159	5,456
South Orange Village Twp.	16,971	15,757	15,649
Verona Boro	15,067	14,642	14,487

RESIDENT POPULATION

<u>ESSEX COUNTY (Continued)</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
West Caldwell Boro	11,913	11,427	11,320
West Orange Town	43,715	40,963	40,756
Total	932,526	829,034	819,033
 <u>GLOUCESTER COUNTY</u>			
Clayton Boro	5,193	5,969	6,006
Deptford Twp.	24,232	25,877	26,266
East Greenwich Twp.	3,280	3,856	3,966
Elk Twp.	2,707	3,164	3,205
Franklin Twp.	8,990	10,707	11,090
Glassboro Boro	12,938	14,442	14,563
Greenwich Twp.	5,676	5,880	5,928
Harrison Twp.	2,661	3,372	3,494
Logan Twp.	1,840	2,316	2,994
Mantua Twp.	9,643	10,535	10,557
Monroe Twp.	14,071	20,382	21,099
National Park Boro	3,730	3,521	3,548
Newfield Boro	1,487	1,599	1,606
Paulsboro Boro	8,084	7,232	7,202
Pitman Boro	10,257	9,457	9,431
South Harrison Twp.	1,226	1,402	1,443
Swedesboro Boro	2,287	2,357	2,350
Washington Twp.	15,741	24,833	26,209
Wenonah Boro	2,364	2,342	2,349
West Deptford Twp.	13,928	19,504	19,796
Westville Boro	5,170	4,892	4,887
Woodbury City	12,408	11,429	11,412
Woodbury Heights Boro	3,621	3,414	3,410
Woolwich Twp.	1,147	1,150	1,189
Total	172,681	199,632	204,000
 <u>HUDSON COUNTY</u>			
Bayonne City	72,743	67,529	66,361
East Newark Boro	1,922	1,839	1,805
Guttenberg Town	5,754	7,967	7,846
Harrison Town	11,811	11,651	11,741
Hoboken City	45,380	41,907	40,919
Jersey City	260,350	225,832	220,857
Kearny Town	37,585	35,654	35,007
North Bergen Twp.	47,751	45,428	44,621
Secaucus Town	13,228	14,262	14,105
Union City	57,305	51,723	50,633
Weehawken Twp.	13,383	11,739	11,520
West New York Town	40,627	38,611	37,876
Total	607,839	554,142	543,291

RESIDENT POPULATION

<u>HUNTERDON COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
Alexandria Twp.	2,127	2,614	2,763
Bethlehem Twp.	1,385	2,283	2,444
Bloomsbury Boro	879	889	885
Califon Boro	970	1,144	1,145
Clinton Town	1,742	2,095	2,072
Clinton Twp.	5,119	6,931	7,219
Delaware Twp.	3,249	3,723	3,820
East Amwell Twp.	2,568	3,119	3,303
Flemington Boro	3,917	4,445	4,409
Franklin Twp.	2,154	2,475	2,552
Frenchtown Boro	1,459	1,590	1,581
Glen Gardner Boro	874	919	957
Hampton Boro	1,386	1,558	1,560
High Bridge Boro	2,606	3,277	3,275
Holland Twp.	3,587	4,359	4,477
Kingwood Twp.	2,294	2,519	2,550
Lambertville City	4,359	4,243	4,225
Lebanon Boro	885	934	934
Lebanon Twp.	4,235	5,085	5,202
Milford Boro	1,230	1,485	1,494
Raritan Twp.	6,934	8,235	8,265
Readington Twp.	7,688	9,871	10,278
Stockton Boro	619	658	671
Tewksbury Twp.	2,959	3,806	3,935
Union Twp.	2,351	3,955	4,422
West Amwell Twp.	2,142	2,287	2,288
Total	69,718	84,499	86,726
 <u>MERCER COUNTY</u>			
East Windsor Twp.	11,736	22,708	22,499
Ewing Twp.	32,831	35,427	35,378
Hamilton Twp.	79,609	83,552	83,969
Hightstown Boro	5,431	5,217	5,157
Hopewell Boro	2,271	2,139	2,117
Hopewell Twp.	10,030	10,512	10,511
Lawrence Twp.	19,567	20,886	20,928
Pennington Boro	2,151	2,196	2,189
Princeton Boro	12,311	12,504	12,263
Princeton Twp.	13,651	14,068	13,927
Trenton City	104,786	95,391	94,030
Washington Twp.	3,311	3,769	3,743
West Windsor Twp.	6,431	7,880	7,797
Total	304,116	316,249	314,508

RESIDENT POPULATION

<u>MIDDLESEX COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	April 1, 1970	July 1, 1978 (R)	July 1, 1979 (P)
Carteret Boro	23,137	20,899	20,594
Cranbury Twp.	2,253	2,229	2,202
Dunellen Boro	7,072	6,522	6,417
East Brunswick Twp.	34,166	37,513	37,581
Edison Twp.	67,120	66,145	70,649
Helmetta Boro	955	897	919
Highland Park Boro	14,385	13,492	13,289
Jamesburg Boro	4,584	4,672	4,654
Metuchen Boro	16,031	14,603	14,992
Middlesex Boro	15,038	13,975	13,796
Milltown Boro	6,470	6,750	6,735
Monroe Twp.	9,138	12,556	13,352
New Brunswick City	41,885	41,391	40,468
North Brunswick Twp.	16,691	18,990	19,537
*Old Bridge Twp.	48,715	52,275	51,625
Perth Amboy City	38,798	35,291	34,722
Piscataway Twp.	36,418	40,056	40,708
Plainsboro Twp.	1,648	6,157	7,654
Sayreville Boro	32,508	31,172	30,922
South Amboy City	9,338	8,599	8,481
South Brunswick Twp.	14,058	16,811	17,147
South Plainfield Boro	21,142	20,707	20,588
South River Boro	15,428	14,785	14,552
Spotswood Boro	7,891	8,071	8,257
Woodbridge Twp.	98,944	95,571	94,390
Total	583,813	590,129	594,231

MONMOUTH COUNTY

**Aberdeen Twp.	17,680	18,838	18,792
Allenhurst Boro	1,012	922	916
Allentown Boro	1,603	2,119	2,087
Asbury Park City	16,533	15,117	14,702
Atlantic Highlands Boro	5,102	4,990	4,926
Avon-by-the-Sea Boro	2,163	2,240	2,218
Belmar Boro	5,782	6,026	5,959
Bradley Beach Boro	4,163	4,112	4,055
Brielle Boro	3,594	3,952	3,954
Colts Neck Twp.	5,819	7,139	7,233
Deal Boro	2,401	2,396	2,363
Eatontown Boro	14,619	12,640	12,334
Englishtown Boro	1,048	1,029	1,018
Fair Haven Boro	6,142	5,853	5,790

*Madison Twp. name changed to Old Bridge Twp., November 4, 1975.

**Matawan Twp. name changed to Aberdeen Twp., January 1, 1978.

RESIDENT POPULATION

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MONMOUTH COUNTY (Continued)	CENSUS	ESTIMATES	
	April 1, 1970	July 1, 1978 (R)	July 1, 1979 (P)
Farmingdale Boro	1,148	1,660	1,642
Freehold Boro	10,545	10,851	11,141
Freehold Twp.	13,185	18,233	18,318
Hazlet Twp.	22,239	23,240	23,707
Highlands Boro	3,916	4,774	4,783
Holmdel Twp.	6,117	7,956	8,201
Howell Twp.	21,756	27,104	27,533
Interlaken Boro	1,182	1,082	1,076
Keansburg Boro	9,720	9,595	9,450
Keyport Boro	7,205	7,074	6,965
Little Silver Boro	6,010	5,826	5,784
Loch Arbour Vil.	395	382	402
Long Branch City	31,774	31,834	31,359
Manalapan Twp.	14,049	18,143	19,585
Manasquan Boro	4,971	5,186	5,197
Marlboro Twp.	12,273	15,176	15,710
Matawan Boro	9,136	9,347	9,244
Middletown Twp.	54,623	60,110	61,033
Millstone Twp.	2,535	3,164	3,338
Monmouth Beach Boro	2,042	3,372	3,340
Neptune City Boro	5,502	5,866	5,934
Neptune Twp.	27,863	27,521	27,173
Oceanport Boro	7,503	5,925	5,998
Ocean Twp.	18,643	24,534	24,561
Red Bank Boro	12,847	12,065	11,971
Roosevelt Boro	814	872	870
Rumson Boro	7,421	7,464	7,406
Sea Bright Boro	1,339	2,253	2,241
Sea Girt Boro	2,207	2,171	2,163
Shrewsbury Boro	3,315	3,085	3,046
Shrewsbury Twp.	1,164	1,161	1,144
South Belmar Boro	1,490	1,619	1,634
Spring Lake Boro	3,896	3,876	3,863
Spring Lake Heights Boro	4,602	5,523	6,064
*Tinton Falls Boro	8,395	8,074	7,998
Union Beach Boro	6,472	6,195	6,120
Upper Freehold Twp.	2,551	2,757	2,765
Wall Twp.	16,498	18,307	18,256
West Long Branch Boro	6,845	7,108	7,155
Total	461,849	497,858	500,517

MORRIS COUNTY

Boonton Town	9,261	8,714	8,661
Boonton Twp.	3,070	3,062	3,104
Butler Boro	7,051	7,713	7,660
Chatham Boro	9,566	8,978	8,921
Chatham Twp.	8,093	8,619	8,653

*New Shrewsbury Boro name changed to Tinton Falls Boro, November 4, 1975.

RESIDENT POPULATION

MORRIS COUNTY (Continued)	CENSUS	ESTIMATES	
	April 1, 1970	July 1, 1978 (R)	July 1, 1979 (P)
Chester Boro	1,299	1,366	1,383
Chester Twp.	4,265	4,689	4,831
Denville Twp.	14,045	14,346	14,410
Dover Town	15,039	13,960	13,852
East Hanover Twp.	7,734	9,230	9,428
Florham Park Boro	9,373*	9,262	9,519
Hanover Twp.	10,700	11,452	11,550
Harding Twp.	3,249	3,214	3,328
Jefferson Twp.	14,122	14,747	14,794
Kinnelon Boro	7,600	8,054	8,154
Lincoln Park Boro	9,034	8,595	8,569
Madison Boro	16,710	16,068	15,797
Mendham Boro	3,729	4,912	5,174
Mendham Twp.	3,697	4,311	4,359
Mine Hill Twp.	3,557	3,464	3,482
Montville Twp.	11,846	13,577	13,805
Morris Plains Boro	5,540	5,347	5,442
Morris Twp.	18,135*	18,716	18,744
Morristown Town	17,662	16,425	16,360
Mountain Lakes Boro	4,739	4,391	4,391
Mt. Arlington Boro	3,590	3,807	3,820
Mt. Olive Twp.	10,394	19,104	19,382
Netcong Boro	2,858	3,657	3,626
Parsippany-Troy Hills Twp.	55,112	50,400	50,318
Passaic Twp.	7,393	7,172	7,239
Pequannock Twp.	14,350	13,881	13,885
Randolph Twp.	13,296	18,218	18,290
Riverdale Boro	2,729	2,626	2,634
Rockaway Boro	6,383	6,682	6,724
Rockaway Twp.	18,955	19,831	20,330
Roxbury Twp.	15,754	17,889	18,016
Victory Gardens Boro	1,027	1,244	1,234
Washington Twp.	6,962	9,464	10,243
Wharton Boro	5,535	5,616	5,577
Total	383,454	402,803	405,689

OCEAN COUNTY

**Barnegat Twp.	1,539	7,542	8,109
Barnegat Light Boro	554	814	875
Bay Head Boro	1,083	1,296	1,315
Beach Haven Boro	1,488	1,800	1,830
Beachwood Boro	4,390	7,201	7,370
Berkeley Twp.	7,918	18,515	19,982
Brick Twp.	35,057	52,619	53,004

*These represent corrections to the official counts certified by the U.S. Census Bureau on July 24, 1978.

**Union Twp. name changed to Barnegat Twp., January 1, 1977.

RESIDENT POPULATION

<u>OCEAN COUNTY (Continued)</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
Dover Twp.	43,751	64,518	66,296
Eagleswood Twp.	823	982	982
Harvey Cedars Boro	314	415	411
Island Heights Boro	1,397	1,548	1,580
Jackson Twp.	18,276	24,406	24,822
Lacey Twp.	4,616	13,267	13,817
Lakehurst Boro	2,641	3,629	3,566
Lakewood Twp.	25,223	36,368	35,962
Lavallette Boro	1,509	2,420	2,424
Little Egg Harbor Twp.	2,972	7,783	8,124
Long Beach Twp.	2,910	4,152	4,286
Manchester Twp.	7,550	22,979	25,484
Mantoloking Boro	319	482	500
Ocean Gate Boro	1,081	1,426	1,437
Ocean Twp.	2,222	4,012	4,064
Pine Beach Boro	1,395	1,566	1,539
Plumsted Twp.	4,113	4,712	4,736
Point Pleasant Boro	15,968	5,392	5,305
Point Pleasant Beach Boro	4,882	17,464	17,312
Seaside Heights Boro	1,248	1,724	1,684
Seaside Park Boro	1,432	2,330	2,404
Ship Bottom Boro	1,079	1,581	1,570
South Toms River Boro	3,981	3,949	4,138
Stafford Twp.	3,684	9,276	11,123
Surf City Boro	1,129	1,710	1,765
Tuckerton Boro	1,926	3,210	3,191
Total	208,470	331,088	341,007
 <u>PASSAIC COUNTY</u>			
Bloomingtondale Boro	7,797	8,000	7,949
Clifton City	82,437	75,120	75,082
Haledon Boro	6,767	6,018	6,011
Hawthorne Boro	19,173	17,589	17,543
Little Falls Twp.	11,727	11,629	11,550
North Haledon Boro	7,614	7,225	7,201
Passaic City	55,124	48,641	48,229
Paterson City	144,824	144,951	144,978
Pompton Lakes Boro	11,397	10,887	10,968
Prospect Park Boro	5,176	4,586	4,554
Ringwood Boro	10,393	12,608	12,816
Totowa Boro	11,580	11,123	11,240
Wanaque Boro	8,636	9,068	9,149
Wayne Twp.	49,141	46,359	46,555
West Milford Twp.	17,304	20,188	20,605
West Paterson Boro	11,692	10,703	10,654
Total	460,782	444,695	445,084

RESIDENT POPULATION

<u>SALEM COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
Alloway Twp.	2,550	2,584	2,588
*Carneys Point Twp.	7,016	8,230	8,074
Elmer Boro	1,592	1,540	1,507
Elsinboro Twp.	1,204	1,115	1,092
Lower Alloways Creek Twp.	1,400	1,428	1,439
Mannington Twp.	1,913	1,839	1,806
Oldmans Twp.	2,088	2,027	2,014
Penns Grove Boro	5,727	5,210	5,047
Pennsville Twp.	13,296	13,945	13,705
Pilesgrove Twp.	2,706	2,820	2,825
Pittsgrove Twp.	4,618	5,449	5,698
Quinton Twp.	2,567	2,626	2,624
Salem City	7,648	7,057	6,900
Upper Pittsgrove Twp.	2,884	3,166	3,164
Woodstown Boro	3,137	3,362	3,307
Total	60,346	62,398	61,790
 <u>SOMERSET COUNTY</u>			
Bedminster Twp.	2,597	2,672	2,688
Bernards Twp.	13,305	13,822	13,901
Bernardsville Boro	6,652	6,650	6,836
Bound Brook Boro	10,450	9,623	9,611
Branchburg Twp.	5,742	6,904	7,135
Bridgewater Twp.	30,235	31,592	31,740
Far Hills Boro	780	756	761
Franklin Twp.	30,389	31,706	32,025
Green Brook Twp.	4,302	4,346	4,372
Hillsborough Twp.	11,061	17,969	19,494
Manville Boro	13,029	12,032	12,072
Millstone Boro	630	624	622
Montgomery Twp.	6,353	7,295	7,489
North Plainfield Boro	21,796	19,565	19,550
Peapack-Gladstone Boro	1,924	1,995	2,014
Raritan Boro	6,691	6,101	6,125
Rocky Hill Boro	917	849	852
Somerville Boro	13,652	13,126	13,151
South Bound Brook Boro	4,525	4,580	4,607
Warren Twp.	8,592	9,710	9,841
Watchung Boro	4,750	5,212	5,283
Total	198,372	207,129	210,169

*Upper Penns Neck Twp. name changed to Carneys Point Twp., November 10, 1975.

RESIDENT POPULATION

<u>SUSSEX COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1,</u> <u>1970</u>	<u>July 1,</u> <u>1978 (R)</u>	<u>July 1,</u> <u>1979 (P)</u>
Andover Boro	813	916	921
Andover Twp.	3,040	3,994	4,198
Branchville Boro	911	1,006	1,008
Byram Twp.	4,592	7,920	8,212
Frankford Twp.	2,777	3,887	4,037
Franklin Boro	4,236	4,594	4,672
Fredon Twp.	1,372	1,999	2,041
Green Twp.	1,343	2,267	2,362
Hamburg Boro	1,820	2,032	2,029
Hampton Twp.	2,091	2,931	3,064
Hardyston Twp.	3,499	4,604	4,728
Hopatcong Boro	9,052	13,540	13,623
Lafayette Twp.	1,202	1,688	1,786
Montague Twp.	1,131	2,103	2,166
Newton Town	7,297	8,870	8,858
Ogdensburg Boro	2,222	2,843	2,858
Sandyston Twp.	1,303	1,559	1,603
Sparta Twp.	10,819	13,226	13,453
Stanhope Boro	3,040	4,346	4,810
Stillwater Twp.	2,158	2,825	2,909
Sussex Boro	2,038	2,398	2,396
Vernon Twp.	6,059	12,697	13,633
Walpack Twp.	384	392	392
Wantage Twp.	4,329	6,682	6,905
Total	77,528	109,319	112,664

UNION COUNTY

Berkeley Heights Twp.	13,078	12,872	12,852
Clark Twp.	18,829	17,569	17,504
Cranford Twp.	27,391	25,551	25,445
Elizabeth City	112,654	102,698	102,139
Fanwood Boro	8,920	8,287	8,238
Garwood Boro	5,260	4,833	4,818
Hillside Twp.	21,636	21,662	21,551
Kenilworth Boro	9,165	8,594	8,556
Linden City	41,409	39,079	39,085
Mountainside Boro	7,520	7,071	7,066
New Providence Boro	13,796	13,106	13,122
Plainfield City	46,862	43,561	43,287
Rahway City	29,114	27,583	27,531
Roselle Boro	22,585	21,242	21,134
Roselle Park Boro	14,277	13,287	13,238
Scotch Plains Twp.	22,279	21,186	21,178
Springfield Twp.	15,740	14,522	14,438
Summit City	23,620	22,035	21,939
Union Twp.	53,077	49,159	49,015
Westfield Town	33,720	32,063	32,053
Winfield Twp.	2,184	1,939	1,928
Total	543,116	507,899	506,117

RESIDENT POPULATION

<u>WARREN COUNTY</u>	<u>CENSUS</u>	<u>ESTIMATES</u>	
	<u>April 1, 1970</u>	<u>July 1, 1978 (R)</u>	<u>July 1, 1979 (P)</u>
Allamuchy Twp.	1,138	1,955	2,118
Alpha Boro	2,829	2,710	2,693
Belvidere Town	2,722	2,633	2,626
Blairstown Twp.	2,189	3,398	3,573
Franklin Twp.	1,973	2,216	2,226
Frelinghuysen Twp.	1,118	1,275	1,267
Greenwich Twp.	1,482	1,639	1,636
Hackettstown Town	9,472	9,741	9,742
Hardwick Twp.	548	734	725
Harmony Twp.	2,195	2,375	2,430
Hope Twp.	1,140	1,381	1,398
Independence Twp.	2,057	2,989	3,070
Knowlton Twp.	1,738	1,938	1,960
Liberty Twp.	1,229	1,419	1,466
Lopatcong Twp.	3,144	4,897	4,852
Mansfield Twp.	3,546	5,557	5,537
Oxford Twp.	1,742	2,067	2,060
Pahaquarry Twp.	71	43	42
Phillipsburg Town	17,849	17,450	17,277
Pohatcong Twp.	3,924	3,833	3,801
Washington Boro	5,943	6,580	6,514
Washington Twp.	3,585	3,925	3,928
White Twp.	2,326	2,746	2,761
Total	73,960	83,501	83,702