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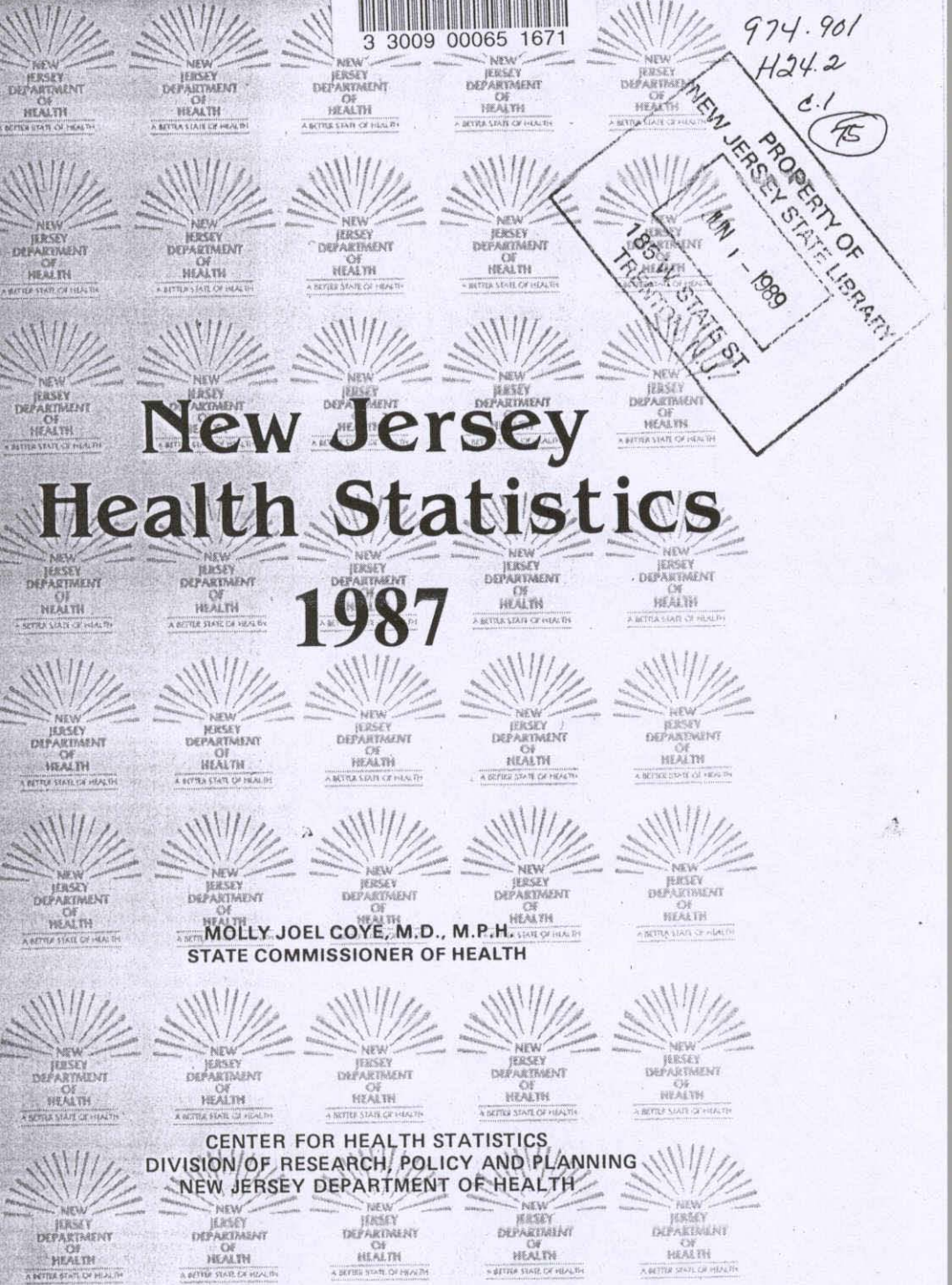
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New Jersey Health Statistics 1987

MOLLY JOEL COYE, M.D., M.P.H.
STATE COMMISSIONER OF HEALTH

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH





State of New Jersey
DEPARTMENT OF HEALTH

CN 360. TRENTON, N.J. 08625-0360

MOLLY JOEL COYE, M.D., M.P.H.
COMMISSIONER

March 1, 1989

Dear Colleague:

I am pleased to announce the availability of our twenty-eighth annual Health Statistics report. The section on Communicable Diseases depicts the predicted upswing in Acquired Immunodeficiency Syndrome (AIDS) cases and deaths. Also, population estimates by age, race, and sex are updated to July 1, 1987. As always, there is a wide variety of statistical breakdowns provided for births, deaths, marriages, divorces, abortions, and hospitalizations.

The New Jersey State Department of Health is proud to operate the oldest health statistics reporting system in the United States, which began operation 112 years ago. Our purpose remains to "...take cognizance of the interest of health and life among the citizens of their state" by providing this comprehensive accounting of our vital statistics. I trust you will find the contents helpful.

Sincerely,

A handwritten signature in cursive script that reads "Molly Joel Coye".

Molly Joel Coye, M.D., M.P.H.
State Commissioner of Health

Enclosure

New Jersey Health Statistics 1987

**CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH**

NEW JERSEY HEALTH STATISTICS 1987

Table of Contents

	<u>Page</u>
Table of Contents	ii
Introduction	iii

SECTION I

	<u>TAB</u>
Highlights	A
Historical Perspective	B
Natality	C
Mortality	D
Marriages/Divorces	E
Municipality Gross Summary	F
Fertility	G
Abortions	H
Communicable Diseases	I
Accident Reports	J
Population	K
Population Estimates By County, Age, Sex, Race	L
Hospitalization	M

SECTION II

Technical Notes	N
-----------------	---

SECTION III

Index	O
-------	---

**CENTER FOR HEALTH STATISTICS
 DIVISION OF RESEARCH, POLICY AND PLANNING
 NEW JERSEY DEPARTMENT OF HEALTH**

New Jersey Health Statistics 1987

Introduction

Health Statistics is comprised of individual reports compiled by the Center for Health Statistics from the State's vital statistics data base. The scope and coverage of Health Statistics currently includes highlights, historical perspective, natality, mortality, marriages, divorces, communicable diseases, accidents, fertility, abortions, hospitalizations, population, and a gross summary by municipality. County Population by Age, Sex and Race is now an ongoing part of our reporting system. A section on technical notes is included that explains the statistical methods used and data limitations; a list of definitions and a description of rates, ratios, proportions, and indices are also covered.

State and county statistics are presented along with selected municipality (MCD) data, when appropriate. The Municipality Gross Summary presents data for population, births, deaths and marriages. Additional vital statistics at the MCD level are available for inspection and use in the Trenton central office of the Department. Copies of specific MCD information have been supplied to county and local Health Officers.

Births, deaths, marriages, and fetal deaths occurring in 1987 are statistics presented in this Volume. They were obtained from certificates filed with the State Registrar prior to July 1, 1988. Through a reciprocal arrangement between states, copies of birth, death, and fetal death certificates involving out-of-state occurrences are interchanged. Thus, the resident birth, death and fetal death rates shown in the report include all events involving residents of the State of New Jersey, irrespective of place of occurrence. Marriage statistics, however, are treated differently. A tabulation is made of all marriages occurring within the State, irrespective of the residence of either party. Copies of marriage certificates are not interchanged between states as such a procedure would prove impractical (see Technical Notes).

The Tuberculosis Control, Sexually Transmitted Disease, and Communicable Disease Control programs are responsible, by law, for maintaining confidential files on "reportable diseases." The statistics are tabulated by the Center for Health Statistics annually and are included in this report in order to allow the user to develop a more complete profile of the health of State residents.

The AIDS Division has developed a database file which will eventually contain all identified AIDS cases within the State. Comparable statistics on the number of reported cases within New Jersey, or by state of residence, are presented through the year 1987. All requests for statistics related to AIDS should be directed to the New Jersey AIDS program.

Data relating to hospitalizations were obtained from medical discharge abstract summaries. The Uniform Bill Patient Summary data are submitted to the Department for use in the hospital rate-setting program. Other discharges from hospitals not participating in the rate-setting program are submitted directly to the Center for Health Statistics. Discharge abstracts are created by hospitals for all patients at time of discharge, regardless of the patient's disposition or place of residency.

Accident reporting is derived from the death certificates and is presented in two parts. The first comprises aggregated accidental deaths relating only to New Jersey residents; the second presents a detailed statistical listing of all deaths occurring within the State regardless of place of residence, by category and type.

The Office of Demographic and Economic Analysis, Department of Labor, is assigned the responsibility by the Governor of the State to provide Official State Annual Estimates of Population for all 567 municipalities and 21 counties. These estimates are periodically revised to reflect the latest information available with respect to births, deaths and migration. The revised July 1, 1986 estimates, released in October 1988, were used in developing the vital statistics rates shown in this report. All rates for prior years were recalculated based on the Revised Population Estimates. Age, sex, and race specific estimates for 1987 were developed by the Center for Health Statistics, based on the "Proportionate Share Techniques" using the 1980 census data controlled to the July 1, 1986 revised estimates. The age, sex, and race data presented in this report are considered as crude estimates and should only be used for statistical purposes. The population for 1987 was assumed to have the same age, sex, and race distribution as existed in the 1980 Census, adjusted by subsequent births, deaths and migration patterns.

Back issues of Health Statistics for 1979 through 1986 are available, as long as supplies last. They can be obtained by writing to the Center for Health Statistics and enclosing a check for \$25 per copy requested. Vital statistics data and reports from 1977 through 1987 are maintained for reference purposes by the N.J. State Library and the Center for Health Statistics. Inquiries regarding the contents of this report should be addressed to:

NJ Department of Health
Center for Health Statistics
Room 405 -- CN 360
Trenton, New Jersey 08625

How to Use This Report

Overview

The purpose of the annual New Jersey Health Statistics Report is to provide a comprehensive summary of those vital statistics compiled and maintained by the New Jersey Department of Health. This report is the primary vital statistics reference document for 1987 data. However, only data most often requested are included in this document. Additional information is available from the Center for Health Statistics, New Jersey Department of Health. The user of this report is advised that the data contained herein were correct for the calendar year 1987 up until June 1, 1988. They are subject to change if corrections or additional information becomes available.

Page Numbering System

This report is divided into three sections, I-III and 15 subsections, A-N. For quick identification and easy access, each subsection of the report has been given a letter. A "TAB" page numbering system has also been used, so that the user can rapidly locate individual subject areas. All tables within Section I have been indexed and included in Section III--Index.

Additions and Revisions

The report has been developed in "loose-leaf" format to permit additions and revisions. All holders of the report who are registered with the Center for Health Statistics will automatically receive copies of revisions and/or additions when released. If a three-ring binder has not been supplied, the holder is advised to place the document in a three-ring binder. All pages have been "three-hole" punched. Sections can be located by determining the TAB page in the Table of Contents, then flipping through the document to find the appropriate location. To register or report change of address, please forward the following information to the Center for Health Statistics:

REGISTRATION INFORMATION

NEW JERSEY HEALTH STATISTICS REGISTRATION

NAME: _____

ORGANIZATION: _____

STREET: _____

CITY: _____

STATE: _____ ZIP: _____

TELEPHONE: _____

Highlights 1987

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Highlights 1987

HIGHLIGHTS

A-3

TABLES

1.	Resident Births, Marriages and Deaths	A-8
2.	Resident Births by Sex, Race, Legitimacy	A-9
3.	Resident Births by Maturity	A-10
4.	Resident Births by Age of Mother	A-11
5.	Marriages, Previous Marital Status and Average Age	A-12
6.	Deaths by Sex and Race	A-13
7.	Infant, Fetal, Neonatal and Perinatal Deaths	A-14
8.	Deaths by Suicide and Homicide	A-15
9.	Deaths from Heart Disease, Cancer, all Accidents and Diabetes	A-16
10.	Deaths from Cerebrovascular Diseases by Sex and Age	A-17
11.	Principal Causes of Death by Age	A-18
12.	TB Morbidity and Mortality	A-20
13.	Syphilis by Stage and Gonorrhea	A-21
14.	Syphilis by Stage/Gonorrhea by Age and Sex	A-22
15.	Summary of Notifiable Diseases	A-23

-----NOTE-----

This HIGHLIGHTS--Summary Report--presents an overview of the 1987 HEALTH STATISTICS REPORT. HIGHLIGHTS contains data for state, county and selected places of residence. The 1987 HEALTH STATISTICS REPORT provides detailed data on each of the major health categories in the Vital Statistics area. If you desire additional information concerning the NJ/Health Statistics provided in this Report, please address your inquiries to:

Center for Health Statistics
New Jersey Department of Health
CN 360
Trenton, New Jersey 08625

Highlights 1987

POPULATION

New Jersey reached a 1980 population total of 7,364,823 persons ranking it 9th in the nation. With an average of 983.0 persons per square mile it continued to retain its position as the most densely populated of the states. The 1980 Census indicated that New Jersey's median age is 32.2, slightly higher than the U.S. level of 30.1. The percentage of population 65 and older increased between 1970 and 1980 at a rate of 2½ times the national figure--a rate of growth exceeded in only four states. Projections indicate a continued increase in the percentage of the older population in the State. The July 1, 1987 total population estimate of 7,672,524 indicated a net migration gain of 74,000 for the State as a whole since the 1980 census. The 1986 revised estimate is 7,625,168.

INCOME

New Jersey's per capita personal income of \$18,866 for 1986 was 28.9% higher than the national level of \$14,636 and ranked New Jersey 3th in the country. New Jersey ranked third in 1985, but was superseded for first place by Connecticut this year. Nine percent of New Jersey families are below poverty level placing New Jersey 44th among the states. Per capita, disposable personal income has progressively increased since the 1980 Census, and by 1984 reached the level of \$13,179 (compared to \$10,951 for the U.S.).

MARRIAGE/DIVORCE

The State's annual marriage rate has fluctuated continually since 1946 when it reached a high of 14.2 per 1,000 population. In the mid 1980s, it moved upward again to reach its highest levels since the WW-II level. The divorce rate increased in the late 1970s and early 1980s. However, it has declined almost 15 percent from the 1982 high of 4.1 per 1,000. For every 100 marriages performed in New Jersey in 1987, 45.0 divorces were granted, a ratio of 2 to 1.

ABORTION

A total of 33,395 New Jersey resident women obtained legal induced abortions from licensed facilities in 1987, an increase of 19 over 1986. Of those obtaining abortions 24.4% were under 20 years of age, and 55.8% were in the 20-29 year group. Over three-fourths (76.9%) were unmarried, 47.3% had no living children, while 52.2% had no previous abortions, and 53.0% obtained the abortion prior to the 9th week of gestation.

BIRTHS

New Jersey experienced an increasing birth rate between 1977 and 1987 but currently ranks 44th among the states in birth rates per 1,000 people. The national rate for 1987 was 15.7. The New Jersey rate was 14.8, 5.7% below the national level. Resident births in the State were recorded at 113,234. The 1987 level represented a 4.4 percent increase over 1986.

...Age of Mother

Births increased in New Jersey over the 1986 level. Women in their teens also showed an increase of 219 births or 2.2%, while those aged 20-34 showed an increase of 3,728 births or 4.2%. Women 35 years and older showed an increase of 781 births or 7.9%.

...Live Birth Order

Forty-three percent of births to New Jersey residents were first order births. The general long-term trend has been toward a greater percentage of higher order births in the State.

...Births to Unwed Mothers

Of all live births in New Jersey during 1987 23.3% were to unwed mothers. The ratio of births to unwed mothers is highest for teenagers. For mothers in the age group of 20 years and older, the ratio in New Jersey exceeds the national level.

...Low Birth
Weight

In 1987 the incidence of low birth weight babies in New Jersey increased 0.1% from the 1986 level of 6.7%. The incidence in the State remains slightly higher than nationally, and is highest for younger and older women and lowest for women between the ages of 25 to 34.

...Multiple
Births

There were 2,182 live births in multiple deliveries. Of these, 2,012 (92.2%) were twins, and 87 (4.0%) were three or more infants.

MORTALITY

With an older population age structure than the U.S., New Jersey's crude death rate exceeds the national figures; age adjustment of the rates reveals a mortality closer to that experienced nationally. For 1987, the New Jersey crude mortality rate per 1,000 population was 9.3 (U.S. rate 8.7). Total deaths in New Jersey registered 71,728, an increase of 429 over the 1986 level of 71,299.

...Life Expectancy

The expectation of life at birth reached a new U.S. high in 1986 and remained there in 1987 -- an estimated 74.9 years for the total population. Life expectancy at birth for New Jersey residents was 74.0 years in 1980. New Jersey was the 23rd State when ranked on this indicator. Life expectancy for New Jersey females is 77.4, while males have an expectancy of 70.5 years (based on 1980 information).

...Leading Causes

In 1987, heart disease, cancer, cerebrovascular diseases, and accidents are the leading causes of death in New Jersey. Mortality from heart disease and cancer is higher in New Jersey than nationally, but the mortality rates from cerebrovascular diseases and accidental deaths are lower than the national rates. Overall, mortality in the State decreased in 1987 for pneumonia and influenza and malignant neoplasms while increasing for cerebrovascular diseases, chronic liver disease, accidents and septicemia. Deaths from nephritis and nephrosis remained at the same level as 1986. Accidents were the leading cause of death for those between the ages of 1 to 44. Homicide and suicide were the next two leading causes of death for those between 15 to 24 years of age.

INFANT MORTALITY

Infant deaths increased by 2 to 1,057 in 1987, and the 1987 infant mortality rate decreased to 9.3 per 1,000 births from the 1986 rate of 9.7. Both the neonatal death rate and the infant death rate have been on a downward trend since the Department started collecting statistics in 1879.

MATERNAL MORTALITY

New Jersey's maternal mortality rate has been consistently lower than the U.S. maternal mortality rate. Only 3 maternal deaths occurred in 1985, the lowest number to date. However, in 1987, there were 14 maternal deaths in the state.

FETAL MORTALITY

A total of 1,263 resident fetal deaths, including 332 induced abortions, were reported in 1987. The 1987 total was the highest since 1971. Also, the fetal death ratio* increased slightly to 11.2 (up from 10.8 in 1986). Nevertheless, over the past 50 years the State's fetal death ratio has declined from about 25 per 1,000 births.

COMMUNICABLE DISEASES:

...Gonorrhea

The total number of reported cases in the State decreased sharply from the 1986 level of 19,612 to 17,150 in 1987 (a drop of 2,462 cases or 12.6%).

...Syphilis

New Jersey's case rate for all stages of syphilis increased from 26.2 cases per 100,000 population in 1986 to 28.8 in 1987.

...Tuberculosis

The State's incidence for tuberculosis increased from 948 cases in 1986 to 1,063 in 1987 (or 12.1%). Clinically active cases increased during the same period from 724 to 748 cases (or 3.3%).

* NOTE: Previous issues of this publication have referred to this statistic as a rate, but it has been calculated as a ratio (cf. Technical Notes, p. N-13). Upcoming issues will utilize the fetal death rate formula, and a rate will be cited that excludes induced abortions. If these changes were applied to 1987 data, the fetal death rate would be 8.2 per 1,000 live births plus fetal deaths.

...Other

In 1987, 1 case of rubella was reported, a decline from 4 cases reported in 1986. Hepatitis Type A decreased 25.3% from 383 to 286 cases, while Type B decreased by 10.3%. After a minor outbreak of measles in 1981 (61 cases), the number reported dropped to 3 in 1983. In 1986 measles cases increased dramatically to 881 cases. The decrease in the number of measles cases was just as dramatic in 1987 falling to 39 cases (or 95.6%).

...AIDS

The diagnosed number of AIDS cases in New Jersey has increased from 1,193 cases in 1986 to 1,666 in 1987. Likewise, the number of AIDS related deaths increased from 704 in 1986 to 922 in 1987. Rates per 100,000 population for diagnosed cases climbed from 15.6 to 21.7 between 1986 and 1987; rates for deaths jumped from 9.2 to 12.0 during the same time period.

ACCIDENTS

In 1987 total accidental deaths of residents in New Jersey increased by 8.4 percent over the 1986 level from 2,176 to 2,358 deaths. Accidents were the leading cause of death of New Jersey residents between the ages of 1 to 44 years old.

TABLE-1
NEW JERSEY
RESIDENT BIRTHS, MARRIAGES, AND DEATHS
RATES PER 1,000 POPULATION
1987

PLACE OF RESIDENCE	BIRTHS		MARRIAGES		DEATHS	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	113,234	14.8	60,550	7.9	71,728	9.3
ATLANTIC COUNTY	3,507	16.8	1,905	9.1	2,390	11.5
Atlantic City	849	24.0	406	11.5	737	20.8
BERGEN COUNTY	9,711	11.7	6,587	7.9	7,819	9.4
BURLINGTON COUNTY	5,473	14.1	3,023	7.8	2,839	7.3
CAMDEN COUNTY	8,500	17.1	3,422	6.9	4,423	8.9
Camden City	2,360	28.9	565	6.9	855	10.5
Cherry Hill Twp.	796	10.8	529	7.2	594	8.1
Gloucester Twp.	619	12.0	245	4.7	224	4.3
CAPE MAY COUNTY	1,298	13.8	885	9.4	1,183	12.6
CUMBERLAND COUNTY	2,178	15.8	1,060	7.7	1,288	9.4
Vineland City	831	15.2	439	8.1	459	8.4
ESSEX COUNTY	13,262	15.7	6,804	8.1	8,572	10.1
Bloomfield	573	11.9	297	6.2	527	11.0
East Orange	1,533	19.9	518	6.7	890	11.5
Irvington	1,114	17.9	348	5.6	603	9.7
Newark	6,014	19.1	2,405	7.6	3,192	10.1
GLOUCESTER COUNTY	3,190	15.0	1,637	7.7	1,725	8.1
HUDSON COUNTY	8,750	16.0	4,578	8.4	5,871	10.7
Bayonne	697	11.3	445	7.2	795	12.9
Hoboken	458	11.0	218	5.2	338	8.1
Jersey City	4,266	19.6	1,784	8.2	2,483	11.4
North Bergen Twp.	646	13.8	307	6.6	543	11.6
Union City	938	17.1	549	10.0	470	8.6
HUNTERDON COUNTY	1,446	14.6	775	7.8	627	6.3
MERCER COUNTY	4,774	14.6	2,452	7.5	3,090	9.4
Hamilton Twp.	1,078	12.4	706	8.1	772	8.9
Trenton	2,078	22.9	709	7.8	1,263	13.9
MIDDLESEX COUNTY	9,538	14.8	4,980	7.7	5,120	7.9
Edison Twp.	1,376	16.4	438	5.2	593	7.0
New Brunswick	623	15.7	933	23.6	378	9.6
Old Bridge Twp.	684	12.1	398	7.0	331	5.8
Piscataway Twp.	639	14.5	288	6.5	219	5.0
Woodbridge Twp.	1,120	11.9	563	6.0	783	8.3
MONMOUTH COUNTY	8,020	14.5	4,510	8.1	5,152	9.3
Middletown Twp.	786	11.3	433	6.2	536	7.7
MORRIS COUNTY	5,616	13.4	3,418	8.1	2,934	7.0
Parsippany-Troy Hills	577	11.9	292	6.0	283	5.8
OCEAN COUNTY	5,560	13.8	2,571	6.4	5,371	13.3
Brick Twp.	892	14.4	336	5.4	592	9.6
Dover Twp.	978	13.5	596	8.2	975	13.4
PASSAIC COUNTY	7,632	16.5	3,982	8.6	4,292	9.3
Clifton	808	10.6	556	7.3	934	12.2
Passaic City	1,306	24.2	490	9.1	534	9.9
Paterson	3,228	23.4	1,398	10.1	1,283	9.3
Wayne Twp.	512	10.0	402	7.9	396	7.7
SALEM COUNTY	813	12.4	454	6.9	658	10.1
SOMERSET COUNTY	3,200	14.4	1,882	8.5	1,612	7.3
SUSSEX COUNTY	2,099	16.9	920	7.4	890	7.2
UNION COUNTY	7,101	14.1	3,943	7.8	5,064	10.1
Elizabeth	2,036	19.2	1,034	9.8	1,105	10.4
Plainfield	989	21.7	231	5.1	485	10.6
Union Twp.	486	9.5	335	6.6	614	12.1
WARREN COUNTY	1,375	15.8	681	7.8	782	9.0
STATE INSTITUTIONS	1		0		5	
MILITARY POSTS	190		81		21	

Note: Marriages are by place of occurrence. Rates not computed for State Institutions and Military Posts due to lack of population base.

LADIES
NEW JERSEY
RESIDENT BIRTHS BY SEX, RACE, LEGITIMACY
COUNTIES AND SELECTED PLACES
1987

PLACE OF RESIDENCE	SEX			RACE			LEGITIMACY			
	MALE	FEMALE	UNK.	WHITE	BLACK	OTHER	UNK.	LEGITIMATE	ILLEGITIMATE	UNK.
STATE TOTAL	113,234	55,124	4	86,873	21,038	2,536	2,787	86,594	26,396	244
ATLANTIC COUNTY	3,507	1,821	0	2,572	857	66	12	2,279	1,223	5
Atlantic City	849	433	0	313	511	23	2	257	592	0
BERGEN COUNTY	9,711	5,031	0	8,002	485	430	794	9,005	664	42
BURLINGTON COUNTY	5,473	2,827	0	4,481	868	95	29	4,465	1,003	5
CAMDEN COUNTY	8,500	4,326	0	6,531	1,813	102	54	5,819	2,664	17
Camden City	2,360	1,136	0	1,335	29	29	12	651	1,708	1
Cherry Hill Twp.	796	394	0	731	18	31	16	747	44	5
Gloucester Twp.	619	317	0	586	26	3	4	524	94	1
CAPE MAY COUNTY	1,298	627	0	1,201	93	4	0	1,031	265	2
CUMBERLAND COUNTY	2,178	1,109	0	1,644	492	21	21	1,237	940	1
Vineyard City	831	415	0	704	108	6	13	491	340	0
ESSEX COUNTY	13,262	6,392	0	6,104	6,703	188	267	7,382	5,862	18
Bloomfield	573	312	0	511	39	9	14	517	55	1
East Orange	1,533	777	0	1,111	1,404	5	13	618	913	2
Irvington	1,114	592	0	280	810	7	17	543	568	3
Newark	6,014	3,048	0	2,211	3,711	46	46	2,224	3,788	2
GLOUCESTER COUNTY	3,190	1,677	2	2,813	342	18	17	2,567	620	3
HUDSON COUNTY	8,750	4,446	0	6,078	1,899	356	417	5,887	2,833	30
Bayonne	697	361	0	605	56	13	23	568	128	1
Hoboken	458	232	0	307	88	15	48	310	144	4
Jersey City	4,266	2,166	0	2,244	1,612	241	169	2,372	1,880	14
North Bergen Twp.	646	327	0	567	18	27	34	555	90	1
Union City	938	447	0	825	59	12	42	661	273	4
HUNTERDON COUNTY	1,446	737	0	1,400	19	17	10	1,359	86	1
MERCER COUNTY	4,774	2,458	0	3,274	1,396	75	29	3,203	1,569	2
Hamilton Twp.	1,078	556	0	975	84	16	3	938	140	0
Trenton	2,078	1,049	0	876	1,173	23	6	806	1,271	1
MIDDLESEX COUNTY	9,538	4,867	0	7,984	936	353	265	8,225	1,296	17
Edison Twp.	1,376	711	0	1,125	91	108	52	1,271	101	4
New Brunswick	623	309	0	292	292	5	6	329	293	1
Old Bridge Twp.	684	360	0	598	18	24	44	636	48	0
Piscataway Twp.	639	303	0	448	336	64	18	576	61	2
Woodbridge Twp.	1,120	575	0	987	54	36	43	1,034	84	2
MONMOUTH COUNTY	8,020	4,135	0	6,610	976	180	254	6,766	1,236	18
Middle town Twp.	786	395	0	723	16	21	26	730	54	2
MORRIS COUNTY	5,616	2,834	1	5,187	184	134	111	5,178	427	11
Parsippany-Troy Hills	577	296	0	507	26	-39	5	534	42	1
OCEAN COUNTY	5,560	2,824	0	5,143	241	34	142	4,784	769	7
Brick Twp.	892	453	0	871	6	8	7	815	76	1
Dover Twp.	978	496	0	956	12	4	6	854	124	0
PASSAIC COUNTY	7,632	3,897	0	5,816	1,540	196	80	5,342	2,273	17
Clifton	808	415	0	758	17	27	6	749	57	2
Passaic City	1,306	677	0	890	351	38	27	802	501	3
Paterson	3,228	1,673	0	1,984	1,141	88	15	1,645	1,579	4
Wayne Twp.	512	248	0	482	3	17	10	487	24	1
SALEM COUNTY	813	408	0	590	193	4	26	541	271	1
SOMERSET COUNTY	3,200	1,644	0	2,843	218	99	40	2,912	284	4
SUSSEX COUNTY	2,099	1,100	0	2,008	6	8	77	1,895	178	26
UNION COUNTY	7,101	3,657	1	5,148	1,690	134	129	5,370	1,716	15
Elizabeth	2,036	1,051	0	1,481	497	37	21	1,304	728	4
Plainfield	989	537	0	319	653	10	7	487	500	2
Union Twp.	486	235	0	418	51	11	6	438	46	2
WARREN COUNTY	1,375	708	0	1,335	22	6	12	1,173	200	2
STATE INSTITUTIONS	1	1	0	1	0	0	0	0	1	0
MILITARY POSTS	190	88	0	108	65	16	1	174	16	0

TABLE-3

NEW JERSEY
RESIDENT BIRTHS BY MATURITY, COUNTIES AND SELECTED PLACES
1987

PLACE OF RESIDENCE	Total	2,500 Grams or Less	2,501 Grams or More	Weight Unknown
STATE TOTAL	113,234	7,700	102,699	2,835
ATLANTIC COUNTY	3,507	253	3,246	8
Atlantic City	849	88	760	1
BERGEN COUNTY	9,711	474	8,407	830
BURLINGTON COUNTY	5,473	384	5,060	29
CAMDEN COUNTY	8,500	618	7,836	46
Camden City	2,360	299	2,057	4
Cherry Hill Twp.	796	45	741	10
Gloucester Twp.	619	28	587	4
CAPE MAY COUNTY	1,298	84	1,211	3
CUMBERLAND COUNTY	2,178	154	2,017	7
Vineland City	831	41	788	2
ESSEX COUNTY	13,262	1,290	11,689	283
Bloomfield	573	40	516	17
East Orange	1,533	191	1,329	13
Irvington	1,114	118	975	21
Newark	6,014	724	5,245	45
GLOUCESTER COUNTY	3,190	177	2,997	16
HUDSON COUNTY	8,750	664	7,649	437
Bayonne	697	42	630	25
Hoboken	458	23	386	49
Jersey City	4,266	412	3,672	182
North Bergen Twp.	646	32	579	35
Union City	938	66	831	41
HUNTERDON COUNTY	1,446	42	1,395	9
MERCER COUNTY	4,774	393	4,349	32
Hamilton Twp.	1,078	60	1,016	2
Trenton	2,078	252	1,820	6
MIDDLESEX COUNTY	9,538	589	8,653	296
Edison Twp.	1,376	78	1,243	55
New Brunswick	623	63	554	6
Old Bridge Twp.	684	32	599	53
Piscataway Twp.	639	34	586	19
Woodbridge Twp.	1,120	68	1,002	50
MONMOUTH COUNTY	8,020	520	7,226	274
Middletown Twp.	786	38	719	29
MORRIS COUNTY	5,616	262	5,271	83
Parsippany-Troy Hills	577	27	546	4
OCEAN COUNTY	5,560	249	5,176	135
Brick Twp.	892	37	849	6
Dover Twp.	978	46	923	9
PASSAIC COUNTY	7,632	621	6,937	74
Clifton	808	48	752	8
Passaic City	1,306	102	1,185	19
Paterson	3,228	336	2,883	9
Wayne Twp.	512	36	466	10
SALEM COUNTY	813	54	736	23
SOMERSET COUNTY	3,200	152	3,016	32
SUSSEX COUNTY	2,099	123	1,905	71
UNION COUNTY	7,101	505	6,460	136
Elizabeth	2,036	181	1,831	24
Plainfield	989	102	880	7
Union Twp.	486	19	460	7
WARREN COUNTY	1,375	70	1,294	11
STATE INSTITUTIONS	1	0	1	0
MILITARY POSTS	190	22	168	0

TABLE-4

NEW JERSEY
RESIDENT BIRTHS BY AGE OF MOTHER, COUNTIES AND SELECTED PLACES
1987

PLACE OF RESIDENCE	TOTAL	Age of Mother							
		<16	16	17	18	19	20-34	35+	Unkn.
STATE TOTAL	113,234	856	1,302	2,004	2,772	3,453	92,112	10,652	83
ATLANTIC COUNTY	3,507	42	51	84	119	119	2,886	205	1
Atlantic City	849	25	25	44	51	51	615	38	0
BERGEN COUNTY	9,711	13	18	41	69	94	8,105	1,369	2
BURLINGTON COUNTY	5,473	28	59	101	123	163	4,556	435	8
CAMDEN COUNTY	8,500	83	140	226	282	347	6,817	586	19
Camden City	2,360	68	107	137	177	195	1,590	82	4
Cherry Hill Twp.	796	0	2	4	2	5	671	106	6
Gloucester Twp.	619	2	2	2	14	14	548	34	3
CAPE MAY COUNTY	1,298	2	9	28	28	50	1,083	96	2
CUMBERLAND COUNTY	2,178	49	67	83	125	108	1,635	111	0
Vineland City	831	7	20	21	47	52	638	46	0
ESSEX COUNTY	13,262	189	295	408	521	661	10,000	1,184	4
Bloomfield	573	0	4	0	7	6	495	61	0
East Orange	1,533	22	35	46	63	88	1,169	108	2
Irvington	1,114	22	25	32	53	69	839	74	0
Newark	6,014	131	206	287	353	441	4,279	316	1
GLOUCESTER COUNTY	3,190	17	23	60	78	120	2,635	249	8
HUDSON COUNTY	8,750	83	143	170	275	333	6,971	772	3
Bayonne	697	1	6	12	10	20	581	67	0
Hoboken	458	4	6	6	15	18	355	54	0
Jersey City	4,266	68	105	119	187	201	3,239	345	2
North Bergen Twp.	646	1	3	7	9	12	558	56	0
Union City	938	7	9	15	21	36	767	83	0
HUNTERDON COUNTY	1,446	3	4	4	8	18	1,209	197	3
MERCER COUNTY	4,774	79	86	117	148	178	3,707	453	6
Hamilton Twp.	1,078	5	4	12	14	19	919	104	1
Trenton	2,078	71	76	96	121	148	1,468	96	2
MIDDLESEX COUNTY	9,538	30	61	95	185	198	8,150	814	5
Edison Twp.	1,376	1	2	7	21	17	1,189	137	2
New Brunswick	623	14	17	17	32	37	469	37	0
Old Bridge Twp.	684	0	0	2	13	6	616	47	0
Piscataway Twp.	639	1	8	6	9	14	537	64	0
Woodbridge Twp.	1,120	2	3	2	15	18	995	84	1
MONMOUTH COUNTY	8,020	44	62	93	128	196	6,648	843	6
Middletown Twp.	786	0	3	7	11	8	645	112	0
MORRIS COUNTY	5,616	2	9	22	47	69	4,710	754	3
Parsippany-Troy Hills	577	0	1	1	1	4	503	67	0
OCEAN COUNTY	5,560	34	32	65	101	140	4,730	455	3
Brick Twp.	892	7	2	5	12	12	785	68	1
Dover Twp.	978	3	4	13	13	24	823	98	0
PASSAIC COUNTY	7,632	88	124	208	233	314	6,032	632	1
Clifton	808	0	5	4	4	11	705	79	0
Passaic City	1,306	23	28	39	51	61	1,009	94	1
Paterson	3,228	63	87	160	160	218	2,354	186	0
Wayne Twp.	512	1	1	1	3	5	432	69	0
SALEM COUNTY	813	9	18	23	31	45	648	39	0
SOMERSET COUNTY	3,200	9	8	24	33	38	2,684	404	0
SUSSEX COUNTY	2,099	1	13	19	28	28	1,780	229	1
UNION COUNTY	7,101	44	73	116	170	197	5,783	716	2
Elizabeth	2,036	11	31	51	79	75	1,634	153	2
Plainfield	989	21	22	32	45	55	752	62	0
Union Twp.	486	1	4	1	4	6	417	53	0
WARREN COUNTY	1,375	7	7	15	36	31	1,175	98	6
STATE INSTITUTIONS	1	0	0	0	0	0	1	0	0
MILITARY POSTS	190	0	0	2	4	6	167	11	0

TABLE-5
NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1987

PLACE OF MARRIAGE	Total	WOMEN				MEN				AVERAGE AGE	
		Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	60,550	45,193	1,565	13,788	4	44,129	1,582	14,837	2	28	30
ATLANTIC COUNTY	1,905	1,341	57	507	0	1,314	43	548	0	28	31
Atlantic City	406	305	17	84	0	308	7	91	0	29	31
BERGEN COUNTY	6,387	5,082	178	1,327	0	4,911	174	1,501	1	28	31
BURLINGTON COUNTY	3,023	2,140	81	801	1	2,091	98	834	0	28	30
CAMDEN COUNTY	3,422	2,465	92	865	0	2,414	101	907	0	28	31
Camden City	565	426	17	122	0	419	16	130	0	29	31
Cherry Hill Twp.	529	389	18	122	0	368	20	141	0	29	31
Gloucester Twp.	245	155	4	86	0	157	11	77	0	29	32
CAPE MAY COUNTY	885	589	38	258	0	594	35	256	0	29	32
CUMBERLAND COUNTY	1,060	743	40	277	0	754	26	280	0	28	30
Vineland City	439	325	9	105	0	327	5	107	0	27	29
ESSEX COUNTY	6,804	5,423	143	1,238	0	5,219	158	1,427	0	28	30
Bloomfield	297	232	8	57	0	236	7	54	0	28	30
East Orange	518	406	8	104	0	380	12	126	0	29	31
Irvington	348	270	7	71	0	255	10	83	0	29	31
Newark	2,405	1,958	48	399	0	1,873	48	484	0	27	29
GLOUCESTER COUNTY	1,637	1,192	45	400	0	1,158	38	441	0	27	30
HUDSON COUNTY	4,578	3,486	110	982	0	3,407	86	1,085	0	28	30
Bayonne	445	335	15	95	0	323	12	110	0	28	31
Hoboken	218	176	2	40	0	156	1	61	0	28	31
Jersey City	1,784	1,405	43	336	0	1,373	38	373	0	28	30
North Bergen Twp.	307	221	6	80	0	209	4	94	0	28	31
Union City	549	400	15	134	0	402	8	139	0	28	29
HUNTERDON COUNTY	775	535	20	220	0	515	19	241	0	28	30
MERCER COUNTY	2,452	1,807	59	584	2	1,740	69	643	0	28	31
Hamilton Twp.	706	497	18	189	2	486	16	204	0	28	30
Trenton	709	551	16	142	0	527	25	157	0	28	31
MIDDLESEX COUNTY	4,980	3,797	93	1,090	0	3,726	95	1,159	0	27	30
Edison Twp.	438	337	11	90	0	331	8	99	0	27	29
New Brunswick	933	728	12	193	0	695	8	230	0	27	29
Old Bridge	398	329	9	60	0	325	11	62	0	26	29
Piscataway Twp.	288	201	6	81	0	207	8	73	0	28	30
Woodbridge Twp.	563	413	13	137	0	407	17	139	0	28	31
MONMOUTH COUNTY	4,510	3,275	128	1,107	0	3,206	149	1,155	0	28	31
Middletown Twp.	433	308	12	113	0	324	15	94	0	28	30
MORRIS COUNTY	3,418	2,572	69	777	0	2,545	76	797	0	28	30
Parsippany-Troy Hills	292	211	7	74	0	209	3	80	0	28	31
OCEAN COUNTY	2,571	1,719	128	724	0	1,712	134	725	0	29	31
Brick Twp.	336	219	18	99	0	223	18	95	0	30	32
Dover twp.	596	404	26	166	0	402	27	167	0	28	31
PASSAIC COUNTY	3,982	3,108	80	794	0	2,989	81	912	0	27	30
Clifton	556	435	14	107	0	428	14	114	0	28	30
Passaic City	490	383	4	103	0	367	9	114	0	28	30
Paterson	1,398	1,102	29	267	0	1,061	22	315	0	27	29
Wayne	402	324	7	71	0	291	11	100	0	28	30
SALEM COUNTY	454	325	16	113	0	296	22	136	0	27	30
SOMERSET COUNTY	1,882	1,384	34	464	0	1,345	45	492	0	28	31
SUSSEX COUNTY	920	638	33	249	0	648	25	247	0	28	30
UNION COUNTY	3,943	3,024	106	812	1	2,986	91	865	1	28	30
Elizabeth	1,034	797	28	209	0	802	18	214	0	27	30
Plainfield	231	175	5	50	1	163	6	61	1	28	31
Union Twp.	335	263	6	66	0	265	4	66	0	27	30
WARREN COUNTY	681	494	14	173	0	506	15	160	0	27	29
STATE INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	0
MILITARY POSTS	81	54	1	26	0	53	2	26	0	27	28

TABLE-6

NEW JERSEY
RESIDENT DEATHS BY SEX AND RACE
1987

PLACE OF RESIDENCE	Total	SEX			RACE			
		Male	Female	Unk.	White	Black	Other	Unk.
STATE TOTAL	71,728	36,788	34,936	4	62,414	8,699	499	116
ATLANTIC COUNTY	2,390	1,198	1,192	0	1,912	457	19	2
Atlantic City	737	365	372	0	401	323	12	1
BERGEN COUNTY	7,819	3,929	3,889	1	7,429	283	87	20
BURLINGTON COUNTY	2,839	1,454	1,385	0	2,549	278	11	1
CAMDEN COUNTY	4,423	2,214	2,209	0	3,771	631	19	2
Camden City	855	470	385	0	406	444	4	1
Cherry Hill Twp.	594	263	331	0	567	23	4	0
Gloucester Twp.	224	123	101	0	217	7	0	0
CAPE MAY COUNTY	1,183	577	606	0	1,122	59	2	0
CUMBERLAND COUNTY	1,288	714	574	0	1,111	161	12	4
Vineland City	459	256	203	0	430	25	0	4
ESSEX COUNTY	8,572	4,438	4,134	0	5,314	3,150	70	38
Bloomfield	527	264	263	0	518	5	1	3
East Orange	890	441	449	0	249	628	5	8
Irvington	603	320	283	0	397	199	6	1
Newark	3,192	1,833	1,359	0	1,161	1,977	31	23
GLOUCESTER COUNTY	1,725	880	844	1	1,541	178	5	1
HUDSON COUNTY	5,871	3,073	2,797	1	5,072	690	99	10
Bayonne	795	415	380	0	766	25	4	0
Hoboken	338	173	165	0	321	9	8	0
Jersey City	2,483	1,291	1,192	0	1,788	637	55	3
North Bergen Twp.	543	278	265	0	534	2	6	1
Union City	470	243	226	1	452	4	10	4
HUNTERDON COUNTY	627	314	313	0	616	6	3	2
MERCER COUNTY	3,090	1,577	1,513	0	2,537	539	13	1
Hamilton Twp.	772	381	391	0	741	28	3	0
Trenton	1,263	671	592	0	851	409	2	1
MIDDLESEX COUNTY	5,120	2,739	2,381	0	4,800	269	44	7
Edison Twp.	593	318	275	0	565	21	7	0
New Brunswick	378	201	177	0	266	109	2	1
Old Bridge	331	198	133	0	324	5	2	0
Piscataway Twp.	219	115	104	0	188	25	6	0
Woodbridge Twp.	783	414	369	0	762	15	4	2
MONMOUTH COUNTY	5,152	2,536	2,616	0	4,662	456	28	6
Middle town Twp.	536	267	269	0	521	13	2	0
MORRIS COUNTY	2,934	1,516	1,418	0	2,845	72	14	3
Parsippany-Troy Hills	283	154	129	0	275	5	3	0
OCEAN COUNTY	5,371	2,915	2,456	0	5,264	87	13	7
Brick Twp.	592	329	263	0	591	0	0	1
Dover Twp.	975	525	450	0	961	10	2	2
PASSAIC COUNTY	4,292	2,157	2,134	1	3,769	502	19	2
Clifton	934	459	475	0	927	2	4	1
Passaic City	534	283	250	1	439	89	5	1
Paterson	1,283	657	626	0	880	400	3	0
Wayne Twp.	396	199	197	0	395	1	0	0
SALEM COUNTY	658	349	309	0	552	105	1	0
SOMERSET COUNTY	1,612	812	800	0	1,537	59	13	3
SUSSEX COUNTY	890	433	457	0	883	5	2	0
UNION COUNTY	5,064	2,538	2,526	0	4,334	699	25	6
Elizabeth	1,105	587	518	0	951	150	4	0
Plainfield	485	233	252	0	214	260	8	3
Union Twp.	614	312	302	0	563	48	2	1
WARREN COUNTY	782	402	380	0	773	8	0	1
STATE INSTITUTIONS	5	4	1	0	4	1	0	0
MILITARY POSTS	21	19	2	0	17	4	0	0

NEW JERSEY
RESIDENT INFANT, FETAL, NEONATAL, PERINATAL DEATHS
1987

PLACE OF RESIDENCE	INFANT DEATHS		FETAL DEATHS		NEONATAL DEATHS		PERINATAL DEATHS	
	Number	Rate	Number	Ratio	Number	Rate	Number	Ratio
STATE TOTAL	1,057	9.3	1,263	11.2	719	6.3	1,982	17.3
ATLANTIC COUNTY	33	9.4	80	22.8	28	8.0	108	30.1
Atlantic City	13	15.3	32	37.7	12	14.1	44	49.9
BERGEN COUNTY	62	6.4	55	5.7	44	4.5	99	10.1
BURLINGTON COUNTY	38	6.9	89	16.3	28	5.1	117	21.0
CAMDEN COUNTY	87	10.2	165	19.4	58	6.8	223	25.7
Camden City	37	15.7	51	21.6	27	11.4	78	32.4
Cherry Hill Twp.	2	2.5	14	17.6	1	1.3	15	18.5
Gloucester Twp.	1	1.6	8	12.9	1	1.6	9	14.4
CAPE MAY COUNTY	14	10.8	28	21.6	11	8.5	39	29.4
CUMBERLAND COUNTY	29	13.3	48	22.0	17	7.8	65	29.2
Vineland City	9	10.8	22	26.5	7	8.4	29	34.0
ESSEX COUNTY	175	13.2	165	12.4	114	8.6	279	20.8
Bloomfield	1	1.7	4	7.0	1	1.7	5	8.7
East Orange	27	17.6	18	11.7	15	9.8	33	21.3
Irvington	13	11.7	9	8.1	8	7.2	17	15.1
Newark	97	16.1	100	16.6	64	10.6	164	26.8
GLOUCESTER COUNTY	32	10.0	60	18.8	20	6.3	80	24.6
HUDSON COUNTY	85	9.7	83	9.5	49	5.6	132	14.9
Bayonne	5	7.2	2	2.9	2	2.9	4	5.7
Hoboken	1	2.2	3	6.6	0	0.0	3	6.5
Jersey City	49	11.5	43	10.1	29	6.8	72	16.7
North Bergen Twp.	2	3.1	11	17.0	1	1.5	12	18.3
Union City	9	9.6	13	13.9	5	5.3	18	18.9
HUNTERDON COUNTY	7	4.8	17	11.8	4	2.8	21	14.4
MERCER COUNTY	72	15.1	53	11.1	54	11.3	107	22.2
Hamilton Twp.	15	13.9	5	4.6	12	11.1	17	15.7
Trenton	36	17.3	35	16.8	24	11.5	59	27.9
MIDDLESEX COUNTY	77	8.1	76	8.0	62	6.5	138	14.4
Edison Twp.	9	6.5	7	5.1	7	5.1	14	10.1
New Brunswick	7	11.2	14	22.5	4	6.4	18	28.3
Old Bridge Twp.	6	8.8	5	7.3	4	5.8	9	13.1
Piscataway Twp.	4	6.3	5	7.8	3	4.7	8	12.4
Woodbridge Twp.	11	9.8	8	7.1	11	9.8	19	16.8
MONMOUTH COUNTY	73	9.1	61	7.6	47	5.9	108	13.4
Middletown Twp.	6	7.6	5	6.4	4	5.1	9	11.4
MORRIS COUNTY	39	6.9	36	6.4	25	4.5	61	10.8
Parsippany-Troy Hills	3	5.2	3	5.2	3	5.2	6	10.3
OCEAN COUNTY	37	6.7	40	7.2	30	5.4	70	12.5
Brick Twp.	5	5.6	3	3.4	4	4.5	7	7.8
Dover Twp.	9	9.2	5	5.1	6	6.1	11	11.2
PASSAIC COUNTY	74	9.7	76	10.0	44	5.8	120	15.6
Clifton	6	7.4	7	8.7	4	5.0	11	13.5
Passaic City	14	10.7	20	15.3	6	4.6	26	19.6
Paterson	42	13.0	38	11.8	25	7.7	63	19.3
Wayne Twp.	4	7.8	3	5.9	3	5.9	6	11.7
SALEM COUNTY	4	4.9	12	14.8	2	2.5	14	17.0
SOMERSET COUNTY	28	8.7	28	8.7	21	6.6	49	15.2
SUSSEX COUNTY	11	5.2	7	3.3	9	4.3	16	7.6
UNION COUNTY	65	9.2	64	9.0	39	5.5	103	14.4
Elizabeth	15	7.4	16	7.9	9	4.4	25	12.2
Plainfield	13	13.1	7	7.1	8	8.1	15	15.1
Union Twp.	3	6.2	1	2.1	0	0.0	1	2.1
WARREN COUNTY	12	8.7	13	9.5	11	8.0	24	17.3
STATE INSTITUTIONS	0		0		0		0	
MILITARY POSTS	3		7		2		9	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-8

NEW JERSEY
RESIDENTS DEATHS BY SUICIDE, HOMICIDE
RATES PER 100,000 POPULATION
1987

PLACE OF RESIDENCE	SUICIDE		HOMICIDE	
	Number	Rate	Number	Rate
STATE TOTAL	710	9.3	406	5.3
ATLANTIC COUNTY	20	9.6	21	10.1
Atlantic City	6	16.9	15	42.3
BERGEN COUNTY	72	8.7	21	2.5
BURLINGTON COUNTY	29	7.5	9	2.3
CAMDEN COUNTY	50	10.1	34	6.9
Camden City	10	12.2	24	29.4
Cherry Hill Twp.	9	12.2	0	0.0
Gloucester Twp.	2	3.9	0	0.0
CAPE MAY COUNTY	3	3.2	0	0.0
CUMBERLAND COUNTY	15	10.9	3	2.2
Vineland City	4	7.3	0	0.0
ESSEX COUNTY	69	8.2	128	15.2
Bloomfield	7	14.6	2	4.2
East Orange	4	5.2	19	24.6
Irvington	3	4.8	13	20.9
Newark	21	6.7	88	27.9
GLOUCESTER COUNTY	22	10.3	12	5.6
HUDSON COUNTY	63	11.5	46	8.4
Bayonne	7	11.3	4	6.5
Hoboken	3	7.2	3	7.2
Jersey City	24	11.0	21	9.7
North Bergen Twp.	8	17.1	4	8.6
Union City	9	16.4	5	9.1
HUNTERDON COUNTY	8	8.1	2	2.0
MERCER COUNTY	25	7.6	17	5.2
Hamilton Twp.	10	11.5	4	4.6
Trenton	6	6.6	12	13.2
MIDDLESEX COUNTY	47	7.3	17	2.6
Edison Twp.	3	3.6	1	1.2
New Brunswick	2	5.1	3	7.6
Old Bridge Twp.	5	8.8	1	1.8
Piscataway Twp.	3	6.8	2	4.5
Woodbridge Twp.	9	9.6	0	0.0
MONMOUTH COUNTY	52	9.4	18	3.3
Middletown Twp.	5	7.2	2	2.9
MORRIS COUNTY	39	9.3	7	1.7
Parsippany-Troy Hills	2	4.1	2	4.1
OCEAN COUNTY	56	13.9	4	1.0
Brick Twp.	2	3.2	0	0.0
Dover Twp.	10	13.8	0	0.0
PASSAIC COUNTY	42	9.1	33	7.1
Clifton	6	7.8	0	0.0
Passaic City	2	3.7	8	14.9
Paterson	16	11.6	19	13.7
Wayne Twp.	8	15.6	1	2.0
SALEM COUNTY	8	12.2	3	4.6
SOMERSET COUNTY	24	10.8	3	1.4
SUSSEX COUNTY	6	4.8	5	4.0
UNION COUNTY	42	8.4	21	4.2
Elizabeth	7	6.6	11	10.4
Plainfield	5	11.0	2	4.4
Union Twp.	4	7.9	1	2.0
WARREN COUNTY	16	18.3	2	2.3
STATE INSTITUTIONS	0		0	
MILITARY POSTS	2		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-9

NEW JERSEY
RESIDENT DEATHS FROM HEART DISEASE, CANCER,
ALL ACCIDENTS AND DIABETES
RATES PER 100,000 POPULATION
1987

PLACE OF RESIDENCE	HEART DISEASE		CANCER		ALL ACCIDENTS		DIABETES	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	26,931	351.0	17,123	223.2	2,358	30.7	1,562	20.4
ATLANTIC COUNTY	870	417.2	570	273.3	102	48.9	47	22.5
Atlantic City	265	747.9	164	462.9	27	76.2	17	48.0
BERGEN COUNTY	3,144	378.6	2,000	240.8	221	26.6	168	20.2
BURLINGTON COUNTY	1,097	282.6	656	169.0	97	25.0	42	10.8
CAMDEN COUNTY	1,647	331.8	1,078	217.2	160	32.2	104	21.0
Camden City	275	336.7	182	222.8	50	61.2	24	29.4
Cherry Hill Twp.	239	324.5	146	198.2	21	28.5	17	23.1
Gloucester Twp.	100	193.6	45	87.1	10	19.4	5	9.7
CAPE MAY COUNTY	480	509.8	280	297.4	41	43.5	14	14.9
CUMBERLAND COUNTY	484	351.8	277	201.4	74	53.8	29	21.1
Vineland City	174	319.3	99	181.7	29	53.2	12	22.0
ESSEX COUNTY	2,977	352.5	1,857	219.9	269	31.9	195	23.1
Bloomfield	197	410.5	137	285.5	11	22.9	12	25.0
East Orange	300	388.9	166	215.2	23	29.8	23	29.8
Irvington	218	350.2	141	226.5	18	28.9	10	16.1
Newark	910	288.7	600	190.4	138	43.8	84	26.7
GLOUCESTER COUNTY	596	279.8	419	196.7	87	40.8	48	22.5
HUDSON COUNTY	2,140	391.1	1,297	237.0	167	30.5	149	27.2
Bayonne	301	486.7	201	325.0	18	29.1	25	40.4
Hoboken	150	359.7	62	148.7	9	21.6	7	16.8
Jersey City	825	379.7	497	228.8	81	37.3	58	26.7
North Bergen Twp.	222	475.5	123	263.4	13	27.8	13	27.8
Union City	179	326.0	91	165.7	11	20.0	14	25.5
HUNTERDON COUNTY	212	214.3	160	161.8	27	27.3	10	10.1
MERCER COUNTY	1,133	346.4	696	212.8	122	37.3	67	20.5
Hamilton Twp.	300	344.4	182	208.9	21	24.1	16	18.4
Trenton	443	488.7	244	269.2	71	78.3	30	33.1
MIDDLESEX COUNTY	1,841	285.1	1,295	200.6	202	31.3	128	19.8
Edison Twp.	202	240.0	170	202.0	20	23.8	13	15.4
New Brunswick	133	336.1	70	176.9	18	45.5	12	30.3
Old Bridge Twp.	111	196.0	79	139.5	12	21.2	9	15.9
Piscataway Twp.	74	168.0	46	104.4	15	34.0	7	15.9
Woodbridge Twp.	302	321.3	178	189.3	32	34.0	20	21.3
MONMOUTH COUNTY	1,863	336.5	1,297	234.3	150	27.1	120	21.7
Middletown Twp.	176	252.8	156	224.1	11	15.8	7	10.1
MORRIS COUNTY	1,061	253.0	717	170.9	104	24.8	53	12.6
Parsippany-Troy Hills	94	193.1	75	154.1	12	24.7	8	16.4
OCEAN COUNTY	2,196	544.9	1,391	345.2	122	30.3	106	26.3
Brick Twp.	245	395.4	157	253.4	10	16.1	10	16.1
Dover Twp.	406	559.6	267	368.0	26	35.8	23	31.7
PASSAIC COUNTY	1,752	377.8	943	203.3	105	22.6	109	23.5
Clifton	423	553.0	227	296.8	13	17.0	20	26.1
Passaic City	213	395.5	108	200.5	18	33.4	16	29.7
Paterson	460	332.9	247	178.7	30	21.7	43	31.1
Wayne Twp.	172	336.3	107	209.2	7	13.7	3	5.9
SALEM COUNTY	275	420.7	144	220.3	22	33.7	10	15.3
SOMERSET COUNTY	583	265.3	415	187.3	51	23.0	30	13.5
SUSSEX COUNTY	339	272.7	213	171.3	43	34.6	15	12.1
UNION COUNTY	1,934	384.9	1,235	245.8	159	31.6	102	20.3
Elizabeth	392	370.2	248	234.2	43	40.6	17	16.1
Plainfield	162	355.1	90	197.3	24	52.6	13	28.5
Union Twp.	259	508.4	169	331.7	12	23.6	11	21.6
WARREN COUNTY	297	340.5	179	205.2	31	35.5	16	18.3
STATE INSTITUTIONS	0		2		1		0	
MILITARY POSTS	5		2		1		0	

Note: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-10
NEW JERSEY
RESIDENT DEATHS FROM CEREBROVASCULAR DISEASES BY SEX AND AGE
1987

PLACE OF RESIDENCE	TOTAL	RATE	SEX		AGE GROUP								Ukn.
			MALE	FEMALE	1	1-4	5-14	15-24	25-44	45-64	65+		
STATE TOTAL	4,478	58.4	1,804	2,674	6	2	3	10	115	573	3,768	1	
ATLANTIC COUNTY	160	76.7	65	95	0	0	1	0	7	19	133	0	
Atlantic City	42	118.5	17	25	0	0	1	0	2	7	32	0	
BERGEN COUNTY	530	63.8	199	331	0	0	0	2	8	56	463	1	
BURLINGTON COUNTY	196	50.5	72	124	0	0	0	0	3	36	157	0	
CAMDEN COUNTY	280	56.4	120	160	1	1	0	1	6	41	230	0	
Camden City	50	61.2	26	24	0	0	0	0	4	9	37	0	
Cherry Hill Twp.	32	43.4	12	20	0	0	0	0	0	3	29	0	
Gloucester Twp.	9	17.4	5	4	0	0	0	0	0	5	4	0	
CAPE MAY COUNTY	87	92.4	38	49	0	0	0	0	0	9	78	0	
CUMBERLAND COUNTY	85	61.8	42	43	0	0	0	0	2	14	69	0	
Vineland City	31	56.9	16	15	0	0	0	0	0	4	27	0	
ESSEX COUNTY	504	59.7	197	307	2	1	0	2	17	84	398	0	
Bloomfield	47	97.9	17	30	0	1	0	1	0	7	38	0	
East Orange	56	72.6	24	32	1	0	0	0	2	14	39	0	
Irvington	25	40.2	10	15	0	0	0	0	2	6	17	0	
Newark	151	47.9	67	84	1	0	0	1	11	34	104	0	
GLOUCESTER COUNTY	92	43.2	35	57	0	0	0	1	3	17	71	0	
HUDSON COUNTY	337	61.6	157	180	1	0	0	0	18	60	258	0	
Bayonne	34	55.0	17	17	1	0	0	0	1	8	24	0	
Hoboken	19	45.6	12	7	0	0	0	0	2	1	16	0	
Jersey City	141	64.9	63	78	0	0	0	0	9	28	104	0	
North Bergen Twp.	42	90.0	19	23	0	0	0	0	0	4	38	0	
Union City	38	69.2	16	22	0	0	0	0	3	7	28	0	
HUNTERDON COUNTY	42	42.5	18	24	0	0	1	0	3	3	35	0	
MERCER COUNTY	159	48.6	70	89	0	0	0	0	7	21	131	0	
Hamilton Twp.	35	40.2	15	20	0	0	0	0	2	6	27	0	
Trenton	61	67.3	28	33	0	0	0	0	5	8	48	0	
MIDDLESEX COUNTY	281	43.5	112	169	0	0	0	1	6	43	231	0	
Edison Twp.	32	38.0	15	17	0	0	0	0	0	6	26	0	
New Brunswick	11	27.8	4	7	0	0	0	0	1	3	7	0	
Old Bridge Twp.	18	31.8	13	5	0	0	0	0	0	5	13	0	
Piscataway Twp.	15	34.0	3	12	0	0	0	0	1	1	13	0	
Woodbridge Twp.	48	51.1	16	32	0	0	0	0	0	9	39	0	
MONMOUTH COUNTY	333	60.1	122	211	0	0	0	1	6	37	289	0	
Middletown Twp.	39	56.0	19	20	0	0	0	0	0	3	36	0	
MORRIS COUNTY	188	44.8	80	108	0	0	0	1	2	21	164	0	
Parsippany-Troy Hills	14	28.8	8	6	0	0	0	1	0	5	8	0	
OCEAN COUNTY	340	84.4	143	197	0	0	0	0	8	27	305	0	
Brick Twp.	35	56.5	14	21	0	0	0	0	0	4	31	0	
Dover Twp.	54	74.4	22	32	0	0	0	0	1	4	49	0	
PASSAIC COUNTY	295	63.6	127	168	1	0	1	0	10	35	248	0	
Clifton	59	77.1	27	32	0	0	0	0	2	4	53	0	
Passaic City	33	61.3	11	22	1	0	0	0	1	8	23	0	
Paterson	95	68.7	41	54	0	0	1	0	6	15	73	0	
Wayne Twp.	31	60.6	15	16	0	0	0	0	0	4	27	0	
SALEM COUNTY	44	67.3	19	25	0	0	0	0	0	4	40	0	
SOMERSET COUNTY	108	48.7	29	79	0	0	0	0	3	10	95	0	
SUSSEX COUNTY	64	51.5	18	46	0	0	0	0	2	7	55	0	
UNION COUNTY	306	60.9	122	184	1	0	0	1	3	27	274	0	
Elizabeth	60	56.7	31	29	0	0	0	0	0	7	53	0	
Plainfield	32	70.1	14	18	0	0	0	0	1	3	28	0	
Union Twp.	39	76.6	12	27	0	0	0	0	1	1	37	0	
WARREN COUNTY	47	53.9	19	28	0	0	0	0	1	2	44	0	
STATE INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	0	0	
MILITARY POSTS	0	0	0	0	0	0	0	0	0	0	0	0	

TABLE-11
NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1987

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS-ALL AGES	71,728	934.9
1.	Diseases of heart (390-398, 402, 404-429)	26,931	351.0
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17,123	223.2
3.	Cerebrovascular diseases (430-438)	4,478	58.4
4.	Accidents (E800-E949)	2,358	30.7
5.	Pneumonia and influenza (480-487)	2,131	27.8
6.	Diabetes mellitus (250)	1,562	20.4
7.	Septicemia (038)	1,042	13.6
8.	Chronic liver disease and cirrhosis (571)	1,038	13.5
9.	Nephritis, nephrotic syndrome and nephrosis (580-589)	894	11.7
10.	Other diseases of arteries, arterioles and capillaries (441-448)	763	9.9
11.	Suicide (E950-E959)	710	9.3
12.	Atherosclerosis (440)	635	8.3
13.	Bronchitis, emphysema and asthma (490-493)	601	7.8
	All other causes	11,462	149.4
	TOTAL DEATHS 1-4 YEARS	205	51.0
1.	Accidents (E800-E949)	61	15.2
2.	Congenital anomalies (740-759)	27	6.7
3.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	21	5.2
4.	Diseases of heart (390-398, 402, 404-429)	11	2.7
	All other causes	85	21.1
	TOTAL DEATHS 5-14 YEARS	237	23.9
1.	Accidents (E800-E949)	95	9.6
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	36	3.6
3.	Congenital anomalies (740-759)	13	1.3
4.	Diseases of heart (390-398, 402, 404-429)	10	1.0
5.	Homicide and legal intervention (E960-E978)	5	0.5
	All other causes	78	7.9
	TOTAL DEATHS 15-24 YEARS	908	77.2
1.	Accidents (E800-E949)	403	34.2
2.	Homicide and legal intervention (E960-E978)	103	8.8
3.	Suicide (E950-E959)	97	8.2
4.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	57	4.8
5.	Diseases of heart (390-398, 402, 404-429)	30	2.5
	All other causes	218	18.5

TABLE-11 (Continued)

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1987

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS 25-44 YEARS	4,778	199.6
1.	Accidents (E800-E949)	794	33.2
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	713	29.8
3.	Diseases of heart (390-398,402,404-429)	561	23.4
4.	Suicide (E950-E959)	263	11.0
5.	Chronic liver disease and cirrhosis (571)	230	9.6
6.	Homicide and legal intervention (E960-E978)	188	7.9
7.	Cerebrovascular diseases (430-438)	115	4.8
	All other causes	1,914	80.0
	TOTAL DEATHS 45-64 YEARS	13,437	839.9
1.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4,940	308.8
2.	Diseases of heart (390-398,402,404-429)	4,257	266.1
3.	Cerebrovascular diseases (430-438)	573	35.8
4.	Chronic liver disease and cirrhosis (571)	433	27.1
5.	Accidents (E800-E949)	372	23.3
6.	Diabetes mellitus (250)	356	22.3
7.	Pneumonia and influenza (480-487)	187	11.7
8.	Suicide (E950-E959)	173	10.8
9.	Other diseases of arteries, arterioles and capillaries (441-448)	136	8.5
10.	Nephritis, nephrotic syndrome and nephrosis (580-589)	129	8.1
	All other causes	1,881	117.6
	TOTAL DEATHS 65 YEARS AND OVER	51,082	5,139.3
1.	Diseases of heart (390-398,402,404-429)	22,032	2,216.6
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	11,352	1,142.1
3.	Cerebrovascular diseases (430-438)	3,768	379.1
4.	Pneumonia and influenza (480-487)	1,809	182.0
5.	Diabetes mellitus (250)	1,124	113.1
6.	Septicemia (038)	847	85.2
7.	Nephritis, nephrotic syndrome and nephrosis (580-589)	710	71.4
8.	Accidents (E800-E949)	616	62.0
9.	Other diseases of arteries, arterioles and capillaries (441-448)	601	60.5
10.	Atherosclerosis (440)	583	58.7
	All other causes	7,640	768.7

Note: Rates may not add to total death rate due to rounding.

TABLE-12

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1987

Place of Residence	VERIFIED CASES		ALL CASES		DEATHS	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	748	9.7	1,063	13.9	74	1.0
ATLANTIC COUNTY	28	13.4	33	15.8	4	1.9
Atlantic City	20	56.4	24	67.7	2	5.6
BERGEN COUNTY	38	4.6	55	6.6	1	0.1
BURLINGTON COUNTY	13	3.3	15	3.9	0	0.0
CAMDEN COUNTY	27	5.4	39	7.9	4	0.8
Camden City	10	12.2	15	18.4	3	3.7
Cherry Hill Twp.	4	5.4	4	5.4	0	0.0
Gloucester Twp.	1	1.9	1	1.9	0	0.0
CAPE MAY COUNTY	6	6.4	9	9.6	1	1.1
CUMBERLAND COUNTY	10	7.3	13	9.4	1	0.7
Vineland City	9	16.5	11	20.2	0	0.0
ESSEX COUNTY	197	23.3	245	29.0	30	3.6
Bloomfield	3	6.3	3	6.3	1	2.1
East Orange	21	27.2	29	37.6	2	2.6
Irvington	24	38.6	34	54.6	1	1.6
Newark	124	39.3	146	46.3	21	6.7
GLOUCESTER COUNTY	6	2.8	7	3.3	0	0.0
HUDSON COUNTY	92	16.8	149	27.2	12	2.2
Bayonne	6	9.7	8	12.9	1	1.6
Hoboken	7	16.8	7	16.8	1	2.4
Jersey City	64	29.5	107	49.3	8	3.7
North Bergen Twp.	3	6.4	4	8.6	1	2.1
Union City	5	9.1	10	18.2	1	1.8
HUNTERDON COUNTY	6	6.1	9	9.1	0	0.0
MERCER COUNTY	30	9.2	33	10.1	2	0.6
Hamilton Twp.	0	0.0	0	0.0	1	1.1
Trenton	24	26.5	27	29.8	1	1.1
MIDDLESEX COUNTY	55	8.5	114	17.7	4	0.6
Edison Twp.	7	8.3	13	15.4	1	1.2
New Brunswick	8	20.2	11	27.8	0	0.0
Old Bridge Twp.	0	0.0	0	0.0	0	0.0
Piscataway Twp.	5	11.3	8	18.2	1	2.3
Woodbridge Twp.	7	7.4	18	19.1	0	0.0
MONMOUTH COUNTY	43	7.8	66	11.9	3	0.5
Middletown Twp.	1	1.4	1	1.4	0	0.0
MORRIS COUNTY	18	4.3	27	6.4	0	0.0
Parsippany-Troy Hills	2	4.1	4	8.2	0	0.0
OCEAN COUNTY	11	2.7	14	3.5	3	0.7
Brick Twp.	1	1.6	1	1.6	0	0.0
Dover Twp.	2	2.8	3	4.1	0	0.0
PASSAIC COUNTY	71	15.3	112	24.2	4	0.9
Clifton	4	5.2	10	13.1	0	0.0
Passaic City	11	20.4	20	37.1	0	0.0
Paterson	54	39.1	75	54.3	3	2.2
Wayne Twp.	0	0.0	1	2.0	0	0.0
SALEM COUNTY	3	4.6	5	7.6	0	0.0
SOMERSET COUNTY	7	3.2	9	4.1	3	1.4
SUSSEX COUNTY	2	1.6	6	4.8	0	0.0
UNION COUNTY	58	11.5	71	14.1	2	0.4
Elizabeth	33	31.2	42	39.7	2	1.9
Plainfield	5	11.0	5	11.0	0	0.0
Union Twp.	3	5.9	3	5.9	0	0.0
WARREN COUNTY	2	2.3	2	2.3	0	0.0
STATE INSTITUTIONS	25		30		0	
MILITARY POSTS	0		0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-13

RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA
RATES PER 100,000 ESTIMATED POPULATION, COUNTIES AND SELECTED PLACES
NEW JERSEY: 1987

PLACE OF RESIDENCE	TOTAL CASES		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		GONORRHEA	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	2,209	28.8	753	9.8	579	7.5	865	11.3	17,150	223.5
ATLANTIC COUNTY	151	72.4	39	18.7	33	15.8	77	36.9	584	280.0
Atlantic City	119	335.9	31	87.5	29	81.8	57	160.9	372	1,049.9
BERGEN COUNTY	96	11.6	24	2.9	24	2.9	48	5.8	407	49.0
BURLINGTON COUNTY	37	9.5	8	2.1	9	2.3	18	4.6	278	71.6
CAMDEN COUNTY	143	28.8	30	6.0	37	7.5	75	15.1	1,062	214.0
Camden City	114	139.6	24	29.4	33	40.4	56	68.6	893	1,093.4
Cherry Hill Twp.	0	0.0	0	0.0	0	0.0	0	0.0	15	20.4
Gloucester Twp.	1	1.9	1	1.9	0	0.0	0	0.0	12	23.2
CAPE MAY COUNTY	12	12.7	2	2.1	1	1.1	9	9.6	69	73.3
CUMBERLAND COUNTY	88	64.0	25	18.2	37	26.9	26	18.9	556	404.2
Vineland City	34	62.4	11	20.2	19	34.9	4	7.3	194	356.0
ESSEX COUNTY	467	55.3	195	23.1	180	21.3	92	10.9	5,111	605.2
Bloomfield	4	8.3	0	0.0	1	2.1	3	6.3	16	33.3
East Orange	69	89.4	30	38.9	27	35.0	12	15.6	851	1,103.2
Irvington	31	49.8	11	17.7	7	11.2	13	20.9	421	676.3
Newark	316	100.3	140	44.4	121	38.4	55	17.4	3,460	1,097.7
GLOUCESTER COUNTY	17	8.0	5	2.3	1	0.5	11	5.2	205	96.2
HUDSON COUNTY	321	58.7	144	26.3	56	10.2	120	21.9	1,493	272.8
Bayonne	7	11.3	1	1.6	1	1.6	5	8.1	38	61.4
Hoboken	7	16.8	2	4.8	4	9.6	2	4.8	24	57.6
Jersey City	228	104.9	123	56.6	42	19.3	62	28.5	1,339	616.3
North Bergen Twp.	13	27.8	1	2.1	1	2.1	11	23.6	11	23.6
Union City	21	38.2	5	9.1	0	0.0	16	29.1	45	81.9
HUNTERDON COUNTY	2	2.0	1	1.0	0	0.0	1	1.0	20	20.2
MERCER COUNTY	113	34.5	56	17.1	28	8.6	28	8.6	2,912	890.2
Hamilton Twp.	2	2.3	0	0.0	1	1.1	1	1.1	59	67.7
Trenton	108	119.1	56	61.8	27	29.8	24	26.5	2,757	3,041.5
MIDDLESEX COUNTY	76	11.8	18	2.8	14	2.2	44	6.8	701	108.6
Edison Twp.	12	14.3	2	2.4	3	3.6	7	8.3	56	66.5
New Brunswick	20	50.5	5	12.6	4	10.1	11	27.8	428	1,081.7
Old Bridge Twp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Piscataway Twp.	6	13.6	1	2.3	2	4.5	3	6.8	44	99.9
Woodbridge Twp.	8	8.5	3	3.2	0	0.0	5	5.3	14	14.9
MONMOUTH COUNTY	110	19.9	43	7.8	30	5.4	37	6.7	449	81.1
Middletown Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	11.5
MORRIS COUNTY	30	7.2	6	1.4	2	0.5	22	5.2	129	30.8
Parsippany-Troy Hills	4	8.2	1	2.1	0	0.0	3	6.2	8	16.4
OCEAN COUNTY	9	2.2	0	0.0	2	0.5	7	1.7	118	29.3
Brick Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	12.9
Dover Twp.	1	1.4	0	0.0	0	0.0	1	1.4	24	33.1
PASSAIC COUNTY	292	63.0	81	17.5	75	16.2	134	28.9	1,574	339.4
Clifton	3	3.9	0	0.0	1	1.3	2	2.6	21	27.5
Passaic City	77	143.0	16	29.7	22	40.8	38	70.6	161	298.9
Paterson	205	148.3	63	45.6	50	36.2	91	65.8	1,357	981.9
Wayne Twp.	2	3.9	0	0.0	2	3.9	0	0.0	20	39.1
SALEM COUNTY	19	29.1	7	10.7	6	9.2	5	7.6	218	333.5
SOMERSET COUNTY	9	4.1	2	0.9	3	1.4	4	1.8	155	69.9
SUSSEX COUNTY	2	1.6	1	0.8	0	0.0	1	0.8	12	9.7
UNION COUNTY	177	35.2	60	11.9	35	7.0	80	15.9	909	180.9
Elizabeth	37	82.2	19	17.9	18	17.0	50	47.2	176	166.2
Plainfield	41	89.9	17	37.3	8	17.5	14	30.7	483	1,058.7
Union Twp.	4	7.9	1	2.0	0	0.0	3	5.9	29	56.9
WARREN COUNTY	6	6.9	1	1.1	2	2.3	3	3.4	17	19.5
STATE INSTITUTIONS	19		0		0		19		13	
MILITARY POSTS	13		5		4		4		158	

Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-14

RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA (EXCLUDING MILITARY) BY AGE AND SEX
AGE- AND SEX-SPECIFIC RATES PER 100,000 POPULATION
NEW JERSEY: 1987

Sex and Age	SYPHILIS CASES															
	PRIMARY AND SECONDARY				EARLY LATENT				LATE AND LATE LATENT				CONGENITAL		GONORRHEA	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	2,196	28.6	748	9.7	575	7.5	861	11.2	12	0.2	16,992	221.5				
Under 5	12	2.3	2	0.4	0	0.0	0	0.0	10	1.9	24	4.7				
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	4.8				
10-14	8	1.6	5	1.0	3	0.6	0	0.0	0	0.0	195	38.0				
15-19	202	35.8	82	14.5	84	14.9	35	6.2	1	0.2	4,244	752.1				
20-24	529	86.4	219	35.8	174	28.4	136	22.2	0	0.0	4,934	805.6				
25-29	514	80.0	189	29.4	154	24.0	171	26.6	0	0.0	3,202	498.6				
30-34	308	48.2	93	14.6	78	12.2	137	21.5	0	0.0	16,82	263.4				
35-39	207	35.1	76	12.9	36	6.1	95	16.1	0	0.0	734	124.3				
40-44	110	21.1	40	7.7	17	3.3	53	10.1	0	0.0	353	67.6				
45-59	159	13.1	35	2.9	26	2.1	97	8.0	1	0.1	344	28.3				
60 and over	124	9.0	1	0.1	2	0.1	121	8.8	0	0.0	57	4.1				
Unstated	23		6		1		16		0		1,200					
Male	1,251	34.0	430	11.7	296	8.0	515	14.0	10	0.3	11,279	306.5				
Female	945	23.7	318	8.0	279	7.0	346	8.7	2	0.1	5,713	143.2				

TABLE-15

NEW JERSEY
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE
1987

COUNTIES	HEPATITIS										MENINGOCOCCAL INFECTIONS													
	Amebiasis	Septic Meningitis	Type A	Type B	Type Unspecified	Type Non-A	Non-B	Legionellosis	Malaria	Measles (Rubella)	Total	Military	Civilian	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Other Primary Infections)
TOTAL	97	429	286	565	50	67	35	40	39	73	0	73	76	25	1	2,358	547	4	11	23	1	9	11	
Atlantic	7	4	31	35	1	1				1		1	3			97	7	4		1	2	2		
Bergen	4	63	7	28	7	5	1	3	8	6		6	14			199	46			3		3		
Burlington		12	25	25		4	1	2	1	3		3	1	2		62	6			3		1		
Camden	2	18	24	59	2	1			1	3		3	6	3		202	86							
Cape May	27	2	22	18	1		1	1		2		2	2			24								
Cumberland	13	8	3	37	1	6		1	7	12		12	4	11	2	122	2	1	2				1	
Essex	4	28	13	76	9	6	5	6		2		2	1	1		294	45	1		2			2	
Gloucester		9	6	10		1	1			2		2	1	1		43	7			7			2	
Hudson	7	6	17	23	2	2	2	6	10	6		6	4	1		194	34			7				
Hunterdon		4	4	1			1			3		3				50	1			1	1			
Mercer	1	26	4	32	2	6	5	2		4		4	2			120	12		8					
Middlesex	7	42	40	43	4	5	5	5	3	5		5	6	2		199	38			2			2	
Monmouth	4	51	14	41	2	4	2	2	4	9		9	10		1	144	34	1		3	1	1	1	
Morris	6	44	6	15	2	1	1	2		5		5	7	1		77	11			2			1	
Ocean	2	26	33	24	10	3	3			4		4	5			86	56						1	
Passaic	4	40	20	31	1	10	3	2	3	1		1	9	1		161	108	2					1	
Salem		4	1	4	1											28	1							
Somerset	3	16	4	15			1	2								42	4		3					
Sussex	1	12	4	4	1	2										24	4						1	
Union	1	11	7	40	4	10	3	6	2	6		6	1	1		126	20			4				
Warren		3		4	4					1		1				20	2							
Unknown	4															44	23						2	

NOTE: There were no cases of Brucellosis, Diptheria, Tularemia, Mumps or Encephalitis (Post Chicken Pox, and other).

Historical Perspective 1987

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Historical Perspective 1987

TABLE OF CONTENTS

INTRODUCTION	B-3
STATISTICAL OVERVIEW	B-3
U.S. Trends	B-4
New Jersey Trends	B-5
TABLES	
1. Vital Statistics of the U.S.	B-8
2. Vital Statistics of the U.S.: Rates per 1,000 population	B-8
3. Average Length of Life in Years by Race and Sex	B-9
4. New Jersey Vital Statistics Summary	B-10
5. New Jersey Mortality Statistics	B-11
6. Communicable Diseases, Homicides, Suicides	B-12
7. US/NJ Selected Causes of Deaths	B-13
8. Principal Causes of Death, All Ages	B-14
CHARTS	
I. Trends in Communicable Diseases 1960 to 1987	B-15
II. Five Leading Causes of Death 1970 to 1987	B-16
III. Infant Mortality 1980 to 1987	B-17
IV. Diagnosed New Jersey AIDS Cases By Year	B-18
V. N.J. AIDS Cases By Lifestyle Risk Factors	B-19

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Historical Perspective

1987

INTRODUCTION

The historical perspective presented in this report includes an overview of socio-demographic trends and mortality statistics for the United States and New Jersey. Trends in births, deaths, marriages, divorces, fertility, and average length of life are emphasized. Also, changes in the incidence of selected communicable diseases are summarized.

STATISTICAL OVERVIEW

U.S. TRENDS

The total United States population including Armed Forces overseas reached 243.8 million on July 1, 1987, an increase of 0.9 percent from the previous year. The preponderance of population growth has been in the South and West with these two regions accounting for 88.8 percent of the nation's growth between April 1, 1980 and July 1, 1987. Recent projections indicate that the population will increase to 249.9 million by 1990 and to 267.7 million by 2000. These increases are based on the assumption that United States couples will have an average of two children.

The rate of population growth has slowed substantially since the 1950's. The decrease in the annual number of births from 4.3 million in the late 1950's to 3.8 million in 1987 has more than offset the increase in life expectancy from 68.2 years in 1950 to 74.9 years in 1987. If the growth rate experienced in the 1970s continues, the population will double in size in about 85 years. In other industrialized countries with slower growth rates than the United States, such as the German Federal Republic, England and Wales, it will take as many as 347 years for the population to double. In the lesser developed countries with higher rates of growth, such as Mexico, the population will double in about 17 years.

By the end of the century the number of people 65 years of age and over in the United States is projected to increase by about 5 million from 12.1 percent of the population in 1986 to 13.1 percent by 2000. Since the elderly are less healthy and utilize more health services than younger people, there will probably be an increase in demand for health and social services.

Birth rates in general have steadily decreased since the late 1950's with women having their first child at a later age than in the past. From 1972 to 1976, rates of having the first child increased for women in age groups 25-29 and 30-34 but decreased for women 20-24 years of age. Birth rates for young teenagers between 15-17 did not begin to drop until the early 1970s, unlike the rates for older teenagers, 18-19, which declined similarly to the rates for women 20-24 years of age.

The national crude death rate has remained steady since 1975, ranging from 8.5 per 1,000 population to 8.8. A comparison of the crude death rate between the United States and New Jersey shows that the New Jersey rate of 934.9 per 100,000 is higher than the United States rate of 874.0. This difference is presumably related to a higher concentration of older age groups with higher death rates in New Jersey.

Between 1975 and 1987 the United States infant mortality rate per 1,000 live births dropped 38 percent from 16.1 to 10.0. The decline in actual infant deaths was slightly over 26 percent. The infant mortality rate for New Jersey was 7.5 percent lower than the United States rate of 10.0 in 1987. Infant mortality rates in New Jersey have declined similarly to those for the United States during the past 10 years.

Average length of life in the United States since 1950 increased from 68.2 years to 74.9 years, a 9.8 percent gain. The increase in average life span was greater for females; their average length of life increased from 71.1 years in 1950 to 78.3 years in 1987 or 10.1%. The average length of life for males over the same thirty-five year period rose from 65.6 to 71.5--a gain of 9.0%. The average length of life for Blacks has been increasing faster than for Whites since data became available in 1970. However, their life expectancy is still lower, being 65.4 for males and 73.8 for females.

NEW JERSEY TRENDS

New Jersey is the most densely populated state in the nation (1027.4 persons per square mile as of July 1, 1987) and was the first state to pass a thousand persons per square mile. Future population increases are expected to be lower than for the nation as a whole. However, the annual growth rate of about 0.6% during this decade is higher than the 0.3% per annum growth that took place over the 1970-80 period. The New Jersey Department of Labor has projected that by the year 2000 the State's population would reach the 8.5 million mark; 9.2 million is anticipated by July 1, 2020.

The population growth that is predicted should result from an increase in the number of births and projected in-migration from bordering states. The projected increase in births is based on the relatively large numbers of women in the childbearing ages between 15-44 years of age. Based on current trends, strong employment growth is indicated in several counties that should attract workers from bordering states.

Looking back, New Jersey's population grew much faster than the nation's during the fifties and the sixties, despite lower birth rates and higher death rates. The rapid growth in the State's population was attributed to a large net in-migration that took place mostly from the neighboring states of New York and Pennsylvania. In the 1970s, however, New Jersey registered an almost stationary 2.7 percent population growth as compared to the 11.4 percent average rate for the United States. The reversal that took place during the seventies of the previous trend was almost entirely because of a net out-migration.

The State's population growth was in suburbia and was concentrated more in the northeast and southwest counties than in the rural or shore areas. The urban areas, in contrast, experienced a population decline from 1970 to 1980 as the shrinking of the State's industrial base had its impact. Still, nine out of ten of the State's residents continue to live in the major urban centers of the State.

The racial composition, age distribution, and other population characteristics did not change significantly in New Jersey between 1970 and 1980. The characteristics for 1980 are similar to those of the United States. However, two major differences in the composition have been observed: (a) the State's minority population is growing more rapidly than in the nation as a whole, due primarily to the in-migration of Hispanics; and (b) both the marriage and divorce rates remain noticeably below the national averages.

Over the years the trends in birth rates have paralleled those of the nation as a whole. While birth rates are higher nationally than in New Jersey, both rates declined from 1947 to the mid-1970s. In 1977 the birth rates began to increase in New Jersey and nationally, although slowly. The gap between the New Jersey and national birth rates widened between 1979-1982 with slower annual increases in New Jersey than nationally. Since 1983 the gap in birth rates has narrowed with higher increases in New Jersey.

The fertility rate, or ratio of live births per 1,000 women aged 15-44, is another indicator of actual birth trends. The fertility rate for New Jersey in 1970 was 81.2 compared to 82.6 births per 1,000 women for the nation. With the downward trend in population increases, out-migration and a lower birth rate, the fertility rate has been affected. By 1975 the fertility rate for New Jersey had dropped to 56.6, which was below the 65.8 rate for the United States. In the 1980s, the New Jersey fertility rate began to stabilize. It was 57 live births per 1,000 women in 1980. In 1987 the fertility rate was 62.5. During the same time period, 1980 to 1987, the fertility rate in the United States dropped from 68.4 to 66.1.

Mortality trends present a different picture from birth trends. In 1960 the State's mortality rate per 1,000 population was less than the national rate. In 1967 an increase in mortality started nationally which kept the New Jersey rate below that of the nation's. While the difference was not great, the rate remained below the national level until 1974, when New Jersey's crude mortality rate exceeded that of the United States. A higher crude mortality rate in New Jersey has continued since that time, producing a widening of the gap. Part of the reason New Jersey's rate is increasing more rapidly is the higher proportion of persons aged 65 and above in New Jersey. Persons in this age group comprised 13.0 percent of New Jersey's population in 1987, whereas approximately 12.1 percent of the United States population fell into this age group.

Perinatal mortality is a composite statistic used to measure the critical period of human development just prior to birth and shortly thereafter. As presented in this report, perinatal mortality includes fetal deaths plus neonatal deaths of infants under 28 days of age. Since 1947 when New Jersey began computing perinatal mortality ratios*, the ratio has decreased by 61 percent. It dropped from 41.4 to 16.0 deaths per 1,000 live births from 1947 to 1983. After a 10.6 percent upturn in 1984 raised the perinatal mortality ratio to 17.7, the ratio decreased to 17.1 in 1986 before rising to 17.3 in 1987. Over the last twenty-five years maternal deaths also have declined dramatically. In 1985 the lowest maternal death rate ever recorded was 0.1 per 10,000 live births. However, in 1987 the number of maternal deaths reached 14 which raised the rate to 1.2.

*NOTE: Pervious issues of this publication erroneously referred to these calculations as rates, however, fetal deaths are not added to the denominator, thusby making them ratios (see Technical Notes section). Upcoming issues will report actual rates and will adjust the count of fetal deaths by removing induced abortions. If these changes were applied to 1987, the perinatal mortality rate would be lower at 14.4 per 1,000 births plus fetal deaths.

Rates of homicide and suicide have changed dramatically since 1940, but in different directions. Homicide rates rose sharply in New Jersey from 1.7 per 100,000 population in 1940 to a high of 7.5 in 1981. The rate in 1985 and 1986 was 6.0. This dropped to 5.3 in 1987, a decline of 29 percent since 1981. On the other hand, suicides decreased from 15.9 per 100,000 in 1940 to a low of 6.8 in 1970. Since then, the suicide rate has varied widely. The rate for 1987 was 9.3.

Tuberculosis cases and deaths are much less frequent now than in 1940 when almost 90 people out of 100,000 suffered from TB and 44% died. Corresponding rates of cases and deaths in 1987 were 13.9 and 1.0 per 100,000 population. The steady decline in cases and deaths bottomed in 1982; since then, the rates for cases have fluctuated between 11.1 and 13.9, while the rates for deaths have fluctuated between 0.7 and 1.0.

Changes in the rates of syphilis and gonorrhea have been marked over the years. As syphilis is controlled, gonorrhea seems to spread. The rate for syphilis dropped from 247.1 in 1940 to a low of 24.7 in 1978. The rate for gonorrhea, on the other hand, rose from 73.6 cases per 100,000 in 1940 to a high of 310.5 in 1981. The incidence rates for primary and secondary cases of syphilis in New Jersey increased from 8.8 per 100,000 in 1986 to 9.8 per 100,000 in 1987, 32.4 percent lower than the rate for the nation of 14.5. The gonorrhea incidence rate of 223.5 per 100,000 in 1987 was the lowest it has been since 1974, and it is far below the national rate of 323.1.

New Jersey's ranking of causes of death is the same as the nation's with the leading causes being heart diseases, malignancies, cerebrovascular diseases and accidents, all of which account for 70.9 percent of the deaths in New Jersey. While New Jersey's crude death rates for heart diseases and malignancies are higher than those for the nation, the reverse is true for cerebrovascular diseases and accidental deaths. Trends in death rates between 1970 and 1987 for the principal causes of death are presented in Table 8. While the rate for diabetes has dropped from 36.5 per 100,000 population in 1940 to 20.4 in 1987, the rate for heart diseases climbed, then returned to just below the 1940 rate of 358.9. Rates of death increased slightly for cerebrovascular diseases. The rate of death rose less than 1 percent for malignant neoplasms.

The most current data regarding AIDS in New Jersey indicates a continuing increase in the total number of diagnosed cases and resulting deaths. Diagnosed cases of AIDS for 1987 are approximately 40% higher than in 1986. Further, over 55% of all cases diagnosed in the State have ended in death (Chart IV). The lifestyle factors or methods of transmission, as shown in Table A, places heterosexual male IVDA users at the top of the scale with 37%, followed by homosexual or bisexual males who are not intravenous drug users at 29.4% (See Chart V).

TABLE-1
VITAL STATISTICS OF THE UNITED STATES
1974-1987

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality
1974	3,159,958	1,934,388	1,225,570	2,229,667	977,000	52,776
1975	3,144,198	1,892,879	1,251,319	2,152,662	1,036,000	50,525
1976	3,167,788	1,909,440	1,258,348	2,154,807	1,083,000	48,265
1977	3,326,632	1,899,597	1,427,035	2,178,367	1,091,000	46,975
1978	3,333,279	1,927,788	1,405,491	2,282,272	1,130,000	45,945
1979	3,494,398	1,913,841	1,580,557	2,331,337	1,181,000	45,665
1980	3,612,258	1,989,841	1,622,417	2,390,252	1,189,000	45,526
1981	3,629,238	1,977,981	1,651,257	2,422,145	1,219,000	42,700
1982	3,680,537	1,974,797	1,705,740	2,495,000	1,180,000	42,770
1983	3,638,933	2,019,201	1,619,732	2,444,000	1,179,000	39,400
1984	3,669,141	2,039,369	1,629,772	2,487,000	1,155,000	39,580
1985	3,749,000	2,084,000	1,665,000	2,425,000	1,187,000	40,030
1986	3,731,000	2,099,000	1,632,000	2,400,000	1,159,000	38,600
1987	3,829,000	2,127,000	1,702,000	2,421,000	1,157,000	38,000

NOTE: Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States.

TABLE-2
VITAL STATISTICS OF THE UNITED STATES
RATES PER 1,000 POPULATION
1974-1987

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality ²
1974	14.8	9.1	5.7	10.5	4.6	16.7
1975	14.6	8.8	5.8	10.0	4.8	16.1
1976	14.6	8.8	5.8	9.9	5.0	15.2
1977	15.1	8.6	6.5	9.9	5.0	14.1
1978	15.0	8.7	6.3	10.3 ¹	5.1	13.8
1979	15.6	8.5	7.1	10.4	5.3	13.1
1980	15.9	8.8	7.1	10.6	5.2	12.6
1981	15.8	8.6	7.2	10.6	5.3	11.9
1982	15.9	8.5	7.4	10.6	5.0	11.5
1983	15.5	8.6	6.9	10.5	4.9	11.2
1984	15.5	8.6	6.9	10.5	5.0	10.8
1985	15.8	8.7	7.1	10.1	5.0	10.6
1986	15.5	8.7	6.8	10.0	4.8	10.4
1987	15.7	8.7	7.0	9.9	4.8	10.0

¹ Beginning with 1978, data include nonlicensed marriages registered in California.
² Infant mortality rates per 1,000 live births.

TABLE-3

UNITED STATES
AVERAGE LENGTH OF LIFE IN YEARS, BY RACE AND SEX:
SPECIFIED YEARS 1950-1987

Year	All Races						White						All Others						Black	
	Both Sexes		Male	Female	Both Sexes		Male	Female	Both Sexes		Male	Female	Both Sexes		Male	Female	Male	Female		
	Sexes	Male	Female	Sexes	Male	Female	Sexes	Male	Female	Sexes	Male	Female	Sexes	Male	Female	Sexes	Male	Female		
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	60.8	60.8	62.9	60.8	59.1	62.9	60.8	60.8	62.9	60.8	
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	63.6	63.6	66.3	63.6	61.1	66.3	63.6	63.6	66.3	63.6	
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	65.3	65.3	69.4	65.3	61.3	69.4	65.3	65.3	69.4	65.3	
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	68.0	68.0	72.4	68.0	63.7	72.4	68.0	68.0	72.4	68.0	
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	68.4	68.4	72.7	68.4	64.2	72.7	68.4	68.4	72.7	68.4	
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	68.9	68.9	73.2	68.9	64.7	73.2	68.9	68.9	73.2	68.9	
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	69.3	69.3	73.5	69.3	65.0	73.5	69.3	69.3	73.5	69.3	
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	69.8	69.8	74.1	69.8	65.4	74.1	69.8	69.8	74.1	69.8	
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	69.5	69.5	73.6	69.5	65.3	73.6	69.5	69.5	73.6	69.5	
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	70.3	70.3	74.4	70.3	66.1	74.4	70.3	70.3	74.4	70.3	
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	71.0	71.0	75.0	71.0	66.8	75.0	71.0	71.0	75.0	71.0	
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	71.1	71.1	74.9	71.1	67.2	74.9	71.1	71.1	74.9	71.1	
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	71.3	71.3	75.0	71.3	67.4	75.0	71.3	71.3	75.0	71.3	
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	71.2	71.2	75.0	71.2	67.2	75.0	71.2	71.2	75.0	71.2	
1986	74.9	71.3	78.3	75.4	72.0	78.9	71.4	67.6	75.1	71.4	71.4	75.1	71.4	67.6	75.1	71.4	71.4	75.1	71.4	
1987	74.9	71.5	78.3	75.5	72.1	78.8	71.6	67.6	75.4	71.6	71.6	75.4	71.6	67.6	75.4	71.6	71.6	75.4	71.6	

Source: United States, 1987 Monthly Vital Statistics Report Vol. 36, No. 13, July 29, 1988.

Provisional data for 1986 and 1987 based on a 10-percent sample of deaths; for all other years, based on final data.

TABLE-4

NEW JERSEY
VITAL STATISTICS SUMMARY
SPECIFIED YEARS 1940-1987

YEAR	BIRTHS		MARRIAGES		DIVORCES		DEATHS		FERTILITY RATE
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	
1940	59,328	14.3	41,059	9.9	-----	-----	45,206	10.9	57.0
1950	97,734	20.2	46,291	9.6	-----	-----	48,837	10.1	86.6
1960	132,594	21.8	39,820	6.6	-----	-----	59,330	9.8	106.1
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1971	111,376	15.3	56,531	7.8	12,84	1.8	67,680	9.3	74.0
1972	99,050	13.5	58,476	8.0	15,017	2.1	68,865	9.4	65.1
1973	94,024	12.8	59,723	8.1	22,054	3.0	68,631	9.3	61.6
1974	94,242	12.7	56,449	7.6	19,880	2.7	66,797	9.0	61.6
1975	91,457	12.4	53,008	7.2	20,475	2.8	65,422	8.9	56.6
1976	90,549	12.3	51,291	7.0	20,990	2.9	65,276	8.9	55.2
1977	93,786	12.7	50,677	6.9	19,894	2.7	65,646	8.9	58.9
1978	93,356	12.8	52,993	7.2	24,752	3.4	65,161	8.9	58.6
1979	95,672	13.0	54,740	7.5	23,934	3.3	65,495	8.9	60.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1981	96,205	13.0	58,010	7.8	27,852	3.8	67,053	9.1	56.8
1982	98,225	13.2	59,949	8.1	30,322	4.1	67,471	9.1	57.7
1983	98,746	13.2	61,798	8.3	27,923	3.7	68,626	9.2	57.8
1984	100,950	13.4	62,654	8.3	28,470	3.8	68,944	9.2	57.4
1985	105,329	13.9	61,189	8.1	29,295	3.9	70,655	9.3	59.2
1986	108,444	14.2	61,362	8.0	27,669	3.6	71,299	9.4	60.4
1987	113,234	14.8	60,550	7.9	27,222	3.5	71,728	9.3	62.5

NOTE: Rates are expressed as per 1,000 population.
See Technical Notes for fertility rates.

TABLE-5

NEW JERSEY
MATERNAL AND INFANT MORTALITY STATISTICS
SPECIFIED YEARS 1940-1987

YEAR	INFANT DEATHS ¹		NEONATAL DEATHS ¹		FETAL DEATHS ¹		PERINATAL DEATHS ²		MATERNAL DEATHS ³	
	NO.	RATE	NO.	RATE	NO.	RATIO	NO.	RATIO	NO.	RATE
1940	2,094	35.3	1,422	24.0	1,543	26.0	2,965	48.7	172	29.0
1950	2,445	25.0	1,875	19.2	1,845	18.9	3,720	37.4	76	7.8
1960	3,248	24.5	2,458	18.5	2,201	16.6	4,659	34.6	44	3.3
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1971	2,095	18.8	1,612	14.5	1,441	12.9	3,053	27.1	25	2.2
1972	1,809	18.3	1,394	14.1	1,232	12.4	2,626	26.2	23	2.3
1973	1,644	17.5	1,249	13.3	1,204	12.8	2,453	25.8	16	1.7
1974	1,582	16.8	1,199	12.7	1,071	11.4	2,270	23.8	16	1.7
1975	1,434	15.7	1,042	11.4	941	10.3	1,983	21.5	14	1.5
1976	1,366	15.1	1,034	11.4	1,004	11.1	2,038	22.3	18	2.0
1977	1,355	14.4	1,013	10.8	1,083	11.5	2,096	22.1	13	1.4
1978	1,145	12.3	812	8.7	929	10.0	1,741	18.5	9	1.0
1979	1,223	12.8	873	9.1	931	9.7	1,804	18.7	8	0.8
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1981	1,016	10.6	700	7.3	920	9.6	1,620	16.7	7	0.7
1982	1,153	11.7	800	8.1	1,008	10.3	1,808	18.2	11	1.1
1983	1,115	11.3	755	7.6	839	8.5	1,594	16.0	5	0.5
1984	1,090	10.8	744	7.4	1,062	10.5	1,806	17.7	11	1.1
1985	1,113	10.6	759	7.2	1,119	10.6	1,878	17.6	3	0.3
1986	1,055	9.7	708	6.5	1,166	10.8	1,874	17.1	9	0.8
1987	1,057	9.3	719	6.3	1,263	11.2	1,982	17.3	14	1.2

NOTES:

- (1) Rates or ratios are expressed as per 1,000 live births.
(2) Ratios represent neonatal deaths plus fetal deaths per 1,000 live births.
(3) Rates per 10,000 live births.

TABLE-6

**NEW JERSEY
SELECTED COMMUNICABLE DISEASES, HOMICIDES AND SUICIDE
1940-1987**

	HOMICIDES	SUICIDES	TB DEATHS	TB CASES	SYPHILIS	GONORRHEA
1940	6999	664	1,825	3,702	10,287	3,066
1950	116	605	1,170	3,548	5,768	3,904
1960	158	486	354	2,928	5,273	5,181
1970	418	487	245	2,013	5,078	9,751
1980	530	576	65	980	2,314	21,018
1970	418	487	245	2,013	5,078	9,751
1971	458	570	217	2,118	6,029	11,480
1972	499	617	166	1,162	2,636	16,658
1973	523	609	184	1,531	2,895	16,206
1974	513	572	161	1,474	2,634	15,294
1975	520	612	122	1,362	2,410	17,261
1976	405	577	112	1,317	2,180	17,708
1977	414	643	104	1,351	1,899	18,837
1978	406	563	104	1,105	1,804	20,221
1979	490	572	74	1,008	1,934	19,548
1980	530	576	65	980	2,314	21,018
1981	558	552	55	1,028	2,096	22,998
1982	548	605	53	884	1,930	22,665
1983	447	572	56	891	2,088	22,075
1984	435	650	70	935	2,006	20,351
1985	452	672	62	839	2,284	19,751
1986	459	662	78	948	1,993	19,612
1987	406	710	74	1,063	2,209	17,150

NOTE: 1) Rates are expressed as per 100,000 population.

2) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.

TABLE-7

Death Rates and Percent of Total Deaths for Selected Causes of Deaths: United States and New Jersey, 1987 (Rates per 100,000 Estimated Population)

Cause of Death (International List Number, 9th Revision)	New Jersey		Provisional United States	
	Number	Rate	Number	Rate
TOTAL DEATHS	71,728	934.9	2,127,000	874.0
Diseases of heart (390-398, 402, 404-429)	26,931	351.0	762,820	313.4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17,123	223.2	477,190	196.1
Cerebrovascular diseases (430-438)	4,478	58.4	149,220	61.3
Accidents and adverse effects (E800-E949)	2,358	30.7	94,840	39.0
Motor vehicle accidents (E810-E825)	1,019	13.3	48,950	20.1
All other accidents and adverse effects (E800-E807, E826-E949)	1,339	17.5	45,890	18.9
Pneumonia and Influenza (480-487)	2,131	27.8	70,120	28.8
Diabetes Mellitus (250)	1,562	20.4	37,900	15.6
Suicide (E950-E959)	710	9.3	30,980	12.7
Chronic liver disease and cirrhosis (571)	1,038	13.5	26,050	10.7
Atherosclerosis (440)	635	8.3	23,200	9.5
Other diseases of arteries, arterioles and capillaries (441-448)	763	9.9	23,190	9.5
Nephritis, nephrotic syndrome and nephrosis (580-589)	894	11.7	23,040	9.5
Bronchitis, emphysema and asthma (490-493)	601	7.8	21,880	9.1
Homicide and legal intervention (E960-E978)	406	5.3	20,580	8.5
Septicemia (038)	1,042	13.6	19,810	8.1
All other causes	11,056	144.1	346,180	142.2
				16.3

Source of United States Data: Monthly Vital Statistics Report, Vol. 36, No. 13, July 29, 1988. Provisional data from the National Center for Health Statistics.

TABLE-8

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
1940-1987

Year	Diseases of Heart (390-398, 402, 404-429)	Malignant Neoplasms, Lymphatic and Hematopoietic Tissues (140-208)	Cerebrovascular Diseases (430-438)	Accidents (E800-E949)	Pneumonia and Influenza (480-487)	Diabetes Mellitus (250)	Chronic Liver Diseases and Cirrhosis (571)
	No.	No.	No.	No.	No.	No.	No.
	Rate	Rate	Rate	Rate	Rate	Rate	Rate
1940	14,942	358.9				1,518	36.5
1950							
1960	28,187	429.4		2,217	1,840	1,238	20.3
1970	29,351	408.0	13,242	2,982	1,928	1,512	21.0
1980	29,393	399.1	15,502	2,488	1,662	1,440	19.6
1970	29,351	408.0	13,242	2,982	1,928	1,512	21.0
1971	29,345	401.8	13,085	3,021	1,865	1,524	20.9
1972	29,723	402.6	13,616	2,878	2,018	1,480	20.1
1973	29,167	395.7	14,077	2,995	1,898	1,535	20.8
1974	28,160	380.1	13,999	2,728	1,745	1,449	19.6
1975	27,378	368.3	14,377	2,602	1,616	1,416	19.0
1976	27,613	371.6	14,585	2,520	1,824	1,311	17.6
1977	27,721	377.2	14,925	2,551	1,673	1,300	17.7
1978	27,514	374.4	15,119	2,472	1,621	1,347	18.3
1979	27,778	378.9	15,219	2,634	1,413	1,255	17.1
1980	29,393	399.1	15,502	2,488	1,662	1,440	19.6
1981	28,164	380.2	15,740	2,544	1,606	1,384	18.7
1982	28,122	378.6	16,088	2,373	1,485	1,248	16.8
1983	28,104	376.3	16,480	2,127	1,692	1,411	15.9
1984	27,460	365.6	16,662	2,099	1,959	1,415	14.2
1985	27,886	368.8	17,001	2,155	2,150	1,398	18.9
1986	27,601	362.0	17,000	2,176	2,176	1,454	18.8
1987	26,931	351.0	17,123	2,358	2,237	1,562	18.5
							19.1
							20.4
							19.5

NOTE: Rates are expressed as per 100,000 population.

TABLE-8 (CONTINUED)

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
1940-1987

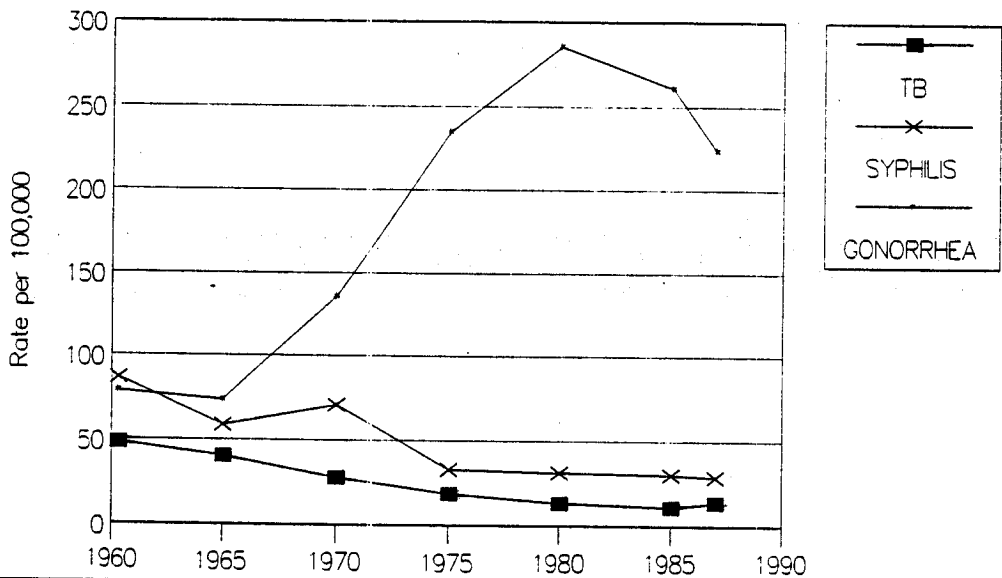
Year	Atherosclerosis (440)	Nephritis, Nephrotic Syndrome and Nephrosis (580-589)	Other Diseases of Arteries, Arterioles and Capillaries (441-448)	Suicide (E950-E959)	Septicemia (038)	Bronchitis, Emphysema and Asthma (490-493)	Homicide and Legal Intervention (E960-E978)
	No.	No.	No.	No.	No.	No.	No.
	Rate	Rate	Rate	Rate	Rate	Rate	Rate
1940	---	---	---	664	---	---	69
1950	---	---	---	605	---	---	99
1960	---	---	---	486	---	---	158
1970	---	---	---	487	---	12.4	418
1980	11.0	9.1	8.7	576	---	7.5	530
1970	---	---	---	487	---	12.4	418
1971	11.0	---	---	570	---	11.3	458
1972	11.3	---	---	617	---	11.3	484
1973	10.8	---	---	609	---	11.4	523
1974	10.1	---	---	572	---	9.9	513
1975	10.2	---	11.8	612	---	8.9	520
1976	9.6	---	11.1	577	---	8.8	405
1977	8.8	---	11.8	643	---	8.0	414
1978	9.0	---	11.4	563	---	7.2	406
1979	10.1	7.2	8.5	572	---	7.0	400
1980	11.0	9.1	8.7	576	---	7.5	530
1981	8.4	8.3	8.1	552	---	7.4	558
1982	9.8	9.8	9.8	605	564	7.4	548
1983	10.2	10.3	9.2	572	665	7.9	447
1984	10.2	10.9	9.7	650	760	7.5	435
1985	9.0	10.4	9.4	672	898	8.0	452
1986	8.2	11.7	9.5	662	991	8.6	459
1987	8.3	11.7	9.9	710	1,042	7.8	406

NOTE: Rates are expressed as per 100,000 population

CHART I

TRENDS IN COMMUNICABLE DISEASES

New Jersey - 1960 to 1987

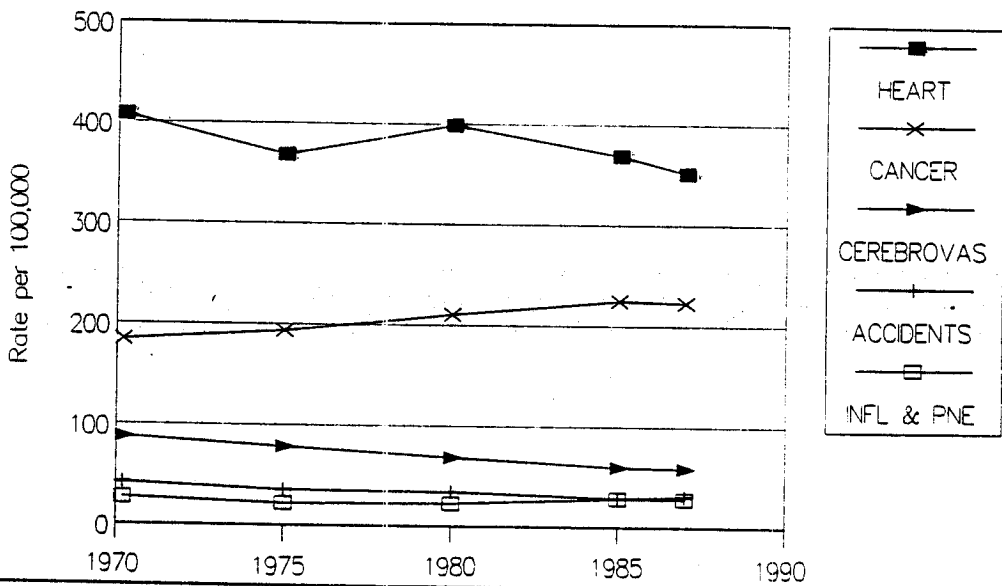


Between 1960 and 1987 the number of clinically active and verified cases of tuberculosis in the New Jersey population dropped from 49 cases per 100,000 population to 13.9 cases per 100,000. The decline in syphilis was more dramatic, although a slight reversal of this trend occurred from 1965 to 1970. Syphilis declined from 86.5 cases per 100,000 population in 1960 to 28.8 cases in 1987. Gonorrhea rates, on the other hand, rose sharply during this period from 85.0 per 100,000 in 1960 to over 300 in 1981. It has declined sharply over the last 6 years to its present level of 223.1 per 100,000.

CHART II

FIVE LEADING CAUSES OF DEATH

New Jersey - 1970 to 1987

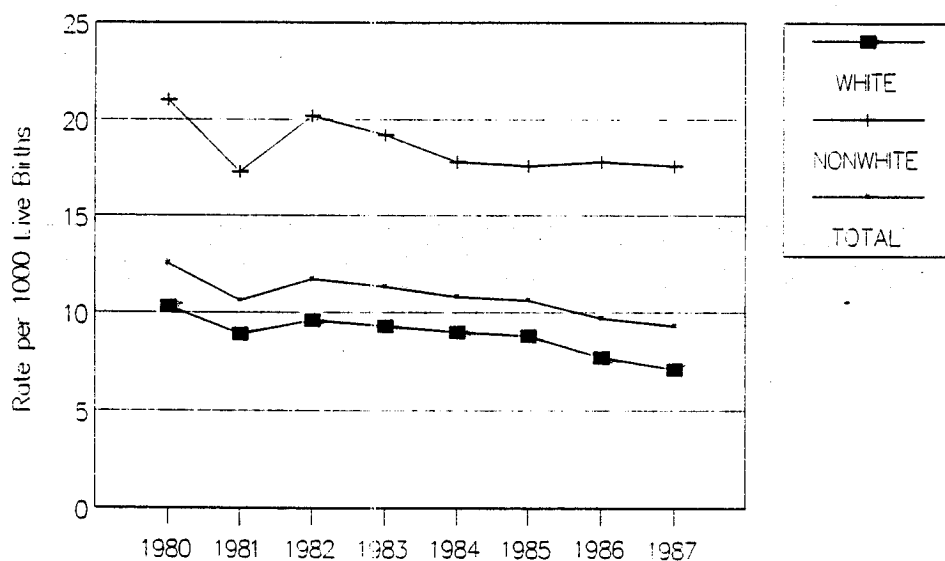


Between 1970 and 1987 the five leading causes of death in New Jersey, heart diseases, cancer, cerebrovascular disease, accidents, influenza and pneumonia have remained consistent in their relative ranking. However, the mortality rates for heart diseases and cerebrovascular diseases have declined, while the rate of cancer has increased.

CHART III

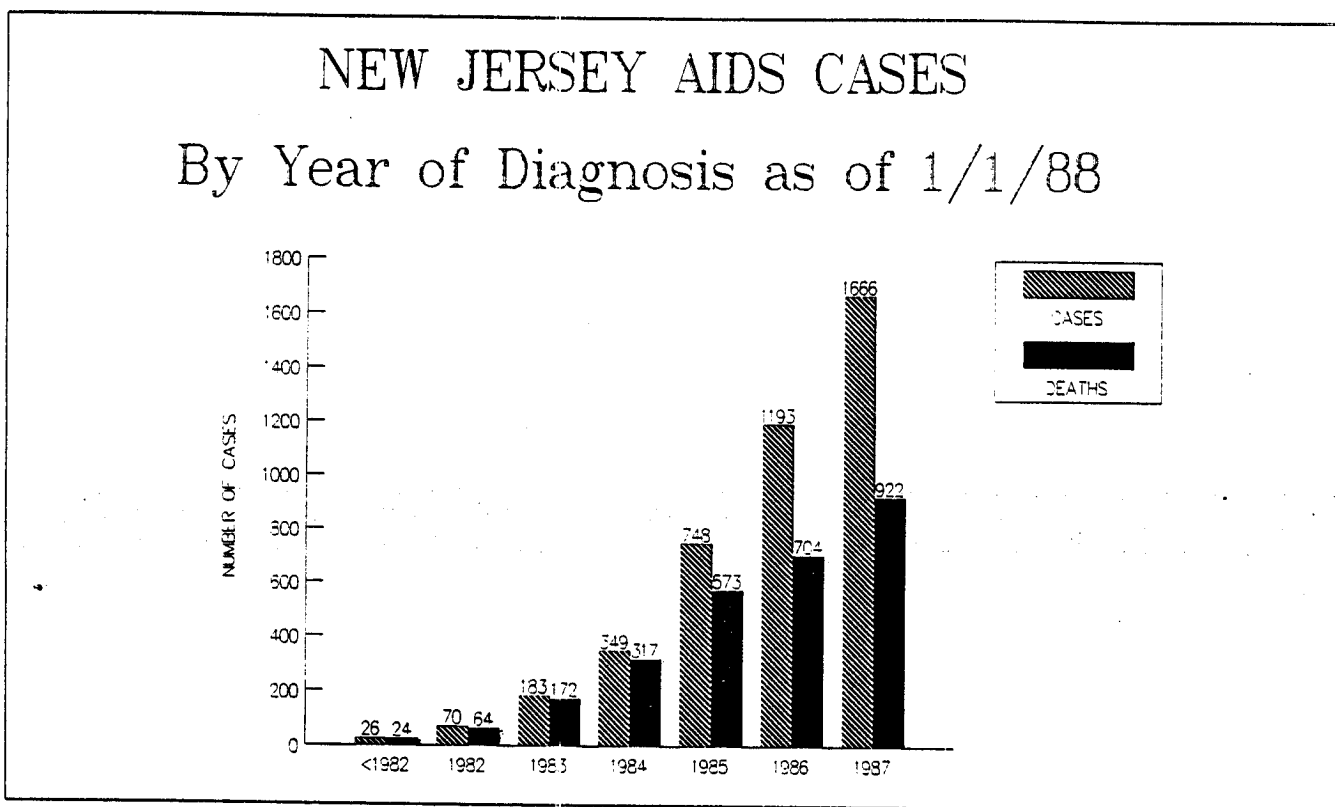
INFANT MORTALITY

New Jersey - 1980 to 1987



Since 1980 the overall infant mortality rate dropped from 12.5 to 9.3 deaths per 1,000 live births. Declines occurred for both white and nonwhite infants. The gap between the two categories remained about the same throughout this period.

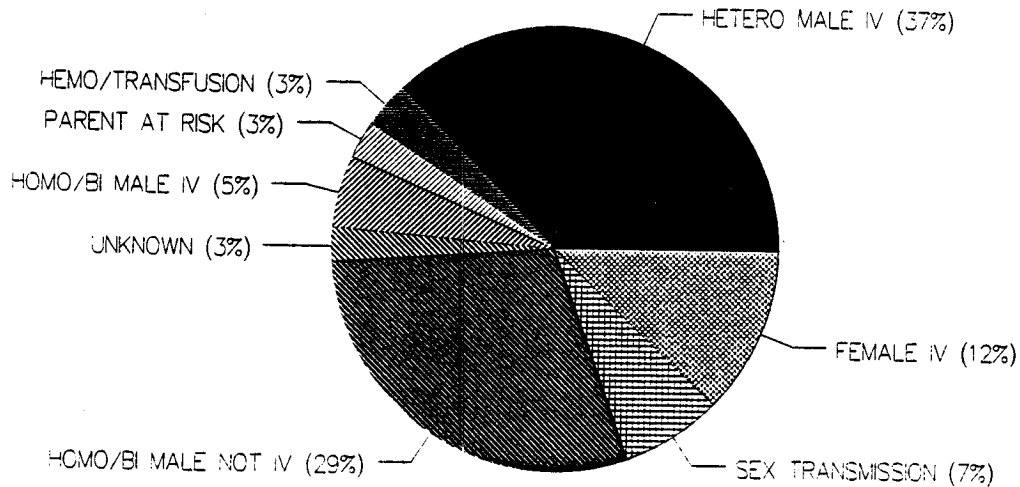
CHART IV



The number of AIDS cases diagnosed annually in New Jersey through 1987 rose dramatically from 26 cases prior to 1982 to 1,661 as of 1-1-88. The same dramatic increase also occurred in AIDS deaths; from a low of 24 prior to 1982, deaths increased to 922 during 1987, making AIDS one of the 9 leading causes of death in New Jersey.

CHART V

NEW JERSEY AIDS CASES
BY RISK FACTOR AS OF 1/1/88



The lifestyle risk factors, or transmission mechanisms, for contracting AIDS in New Jersey are depicted in the pie graph above and in Table A below. The most frequently occurring factor is heterosexual male intravenous drug abusers (IVDA), which accounts for 37% of all cases. The second highest risk factor is homosexual and bisexual males who are not intravenous drug users (29%). Nationwide, this lifestyle was the highest ranking cause of all AIDS cases. Female IVDA ranked third in New Jersey, heterosexual transmission ranked fourth, and parents passing AIDS to children ranked last.

TABLE A

NEW JERSEY AIDS CASES
BY RISK FACTOR AS OF 1/1/88

TRANSMISSION CATEGORIES	PERCENT	NUMBER
Heterosexual Male IVDA	37.2%	1211
Homosexual/Bisexual Male Not IVDA	29.4%	958
Intravenous Drug Abuser (IVDA) (Female)	12.0%	392
Heterosexual Transmission	7.3%	239
Homosexual/Bisexual Males IVDA	5.2%	168
Hemophilia/Transfusion	3.2%	103
Parent With/At Risk of AIDS	2.9%	94
Unknown	2.6%	92
TOTAL	100.0%	3257

Natality 1987

TAB-C
NATALITY

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Natality 1987

TABLE OF CONTENTS

INTRODUCTION	C-3
STATISTICAL OVERVIEW	C-4
Number of Births	
Birth Rate	
Fertility Rate	
Out-of-Wedlock Births	
NEWBORN HEALTH	C-5
Birthweight	
Previous Pregnancy Terminations	
Prenatal Care	
Apgar Score	
MATERNAL CHARACTERISTICS	C-7
Age	
Race	
Prenatal Care History	
Educational Trends	
Attendant at Birth	
TABLES	C-9

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Natality 1987

INTRODUCTION

This Natalty report covers births to New Jersey residents for the calendar year 1987. Similar reports on deaths, marriages, abortions, and communicable diseases follow.

Statistics provided herein are summarized from reported birth certificate items filed with the New Jersey State Registrar. In New Jersey legislation requires that the attending physician, midwife, or person acting as midwife file a Certificate of Birth within five days of birth with the Local Registrar. Births to New Jersey residents that occurred during the calendar year in other states are recorded in the state of occurrence. All certificates are forwarded to the New Jersey State Registrar who maintains these records. Individual identifiers are removed prior to tabulation of data for statistical purposes.

STATISTICAL OVERVIEW

Number of Births

The trend in New Jersey's birth rate has paralleled closely that of the United States, although the state's rates have been consistently lower than those of the nation. In 1987, there were 113,234 resident births in New Jersey, the highest annual total since 1971 when resident births totaled 111,376. Births increased by 4.4 percent from the 1986 level of 108,444. Nationally, the number of births for 1987 reached 3,829,000. This provisional estimate reported by the National Center for Health Statistics indicates an increase of 2.6 percent for the same period. In 1987 86,873 births in New Jersey were reported as white, 23,574 as nonwhite and 2,787 of unknown race. White births represented 76.7 percent of total births, while nonwhite births comprised 20.8 percent. White births increased 4.0 percent from the previous year; nonwhite births increased 4.1 percent.

Of the total births in the State, 1.8% or 2,012 were twins and 87 (0.1%) were triplets or even greater multiples. Single births were 98.1% of all births.

The ratio of male to female births in New Jersey for 1987 was 1,054 male to every 1,000 female births. This male/female ratio was up slightly from the 1986 level of 1,050. Between 1986 and 1987, the male/female ratio for white live births increased slightly from 1.056 to 1.059 while nonwhites increased from 1.032 to 1.037 (0.5%).

Birth Rate

During 1987 the birth rate in New Jersey rose 0.6 to 14.8 live births per 1,000 population. The birth rate is a measure of population increase. Once again, Camden County recorded the highest birth rate (17.1) and Bergen County the lowest (11.7). Other counties with rates above the state rate of 14.8 were: Sussex (16.9), Atlantic (16.8), Passaic (16.5), Hudson (16.0), Cumberland and Warren with 15.8 percent each, Essex (15.7), and Gloucester (15.0).

Fertility Rate

The most significant demographic factors associated with rising birth rates are the increase in the number of women aged 15-44 years and an increase in the fertility rate. The measure of the rate of childbearing in New Jersey increased slightly from last year's level of 60.4 to 62.5 in 1987. The fertility rate has fluctuated moderately since 1980 when the fertility rate was 57.4. While the fertility rate may have leveled off, one cannot lose sight of the fact that a downward trend has occurred in New Jersey over the past two decades. Since the early 1970s, the overall fertility rate has dropped by approximately twenty-five percent.

Out-of-Wedlock Births

The incidence of out-of-wedlock births in 1987 was one of every 4.3 births. The level of births for which illegitimate status is reported appears to have had a small but steady increase over the last twenty years. For white women, the percentage of total births classified as illegitimate increased by less than one tenth of a percent, while for black women an increase of 8.6 percent was observed. Legitimate births to white mothers were 85.5 percent, down one-half percent from 1986; for black mothers legitimate births were 35.0 percent in 1987, down from 36.2 percent in 1986. The percentages of illegitimate births attributed to whites versus nonwhites has remained about the same, 47.3% and 52.3% respectively, with the balance of 0.4% attributed to unknown groups.

Women aged 19 years old and younger gave birth to 31.6 percent of the children born out of wedlock. Eighty percent of all births among women in this age group were illegitimate. In the 20-24 year old maternal age group, the illegitimate rate increased by 7.4 percent over 1986 to a level of 39.3 percent. For mothers 25 years of age and older the illegitimate rate was 10.8 percent. The 25-34 age group recorded 11.1 percent, an increase over 1986 of 2.7 percent.

NEWBORN HEALTH

Birthweight

The median weight group for newborns in New Jersey ranges between 6 lbs. 10 ozs. and 7 lbs. 11 ozs. Of total newborns during 1987, 35.8 percent were between 6 lbs. 10 oz. and 7 lbs. 11 oz. Almost two-thirds, 64.3 percent of the newborns, weighed between 6 lbs. 10 ozs. and 8 lbs. 13 ozs. The number of newborns in the median weight group has remained the same during the last decade. However, the percentage of newborns declined slightly.

The low birthweight group of newborns weigh 5 lbs. 8 ozs. (2,500 grams) or less. Of all New Jersey resident births for which weight was reported in 1987, 6.8 percent were recorded as low birthweight babies. White births weighing less than 5 lbs. 8 ozs. numbered 4,681 or 5.4 percent of all white births. Low birthweight, nonwhite births numbered 2,983 or 12.7 percent of all nonwhite births.

Statistics indicate that births to young mothers under 20 years of age are more likely to be premature with a low birthweight. A total of 1,157 or 11.1 percent of births to teenage mothers in 1987 were immature. Among nonwhite teenage mothers the percent of low birthweights was higher than for white teenage mothers. Underweight births to nonwhite teenage mothers represented 13.8 percent or 688 cases, compared to 8.7 percent or 465 cases for births to white teenage mothers.

Previous Pregnancy Terminations

The number of previous pregnancy terminations that a woman has had affects the incidence of low birthweight outcomes for subsequent pregnancies. In 1987 the incidence of low birthweight births to women with no previous pregnancy terminations was 6.6 percent. The percentage of immature births increased, however, with the number of previous terminations, as women with more than three previous terminations bore 13.9 percent low birthweight babies.

Prenatal Care

There is a positive relationship between birthweight and prenatal care. Low birthweight infants are born less frequently to women who begin prenatal care in the first trimester of pregnancy. The rate among this group was 5.9 percent, a slight decrease from the 6.0 percent observed in 1986. The percentage of immature births among mothers starting care during the second trimester of pregnancy was 8.5 percent, a rise of 0.1 from the 1986 percentage. Among those beginning care in the third trimester, the ratio was 8.1 percent, which was a drop of 0.3 from last year's percentage. Those receiving no prenatal care gave birth to low birthweight infants in 28.7 percent of the cases, up by almost nine percent from the 1986 rate of 26.4 percent.

Apgar Score

The APGAR score is a composite measure used to evaluate the newborn infant's general condition. APGAR scores are given to newborns at one and five minutes after birth. Heart rate, respiratory effort, color, muscle tone, and reflexes are checked and evaluated. Each of these factors receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of 10 is optimum. Newborns with scores less than 7 are considered distressed and are observed more closely for physical problems during the first days of life. There is a significant relationship between APGAR score and birthweight, neonatal mortality, and neurological morbidity.

Twenty-one percent of all newborns in 1987 received five-minute APGAR scores of 10. Of total births, 93.5 percent were in the 7-10 APGAR score range. Low APGAR scores for newborns of nonwhite mothers were more frequent than for newborns of white mothers. Among nonwhite births, 2.4 percent had scores less than 7. Only 1.0 percent of white births were in this low score range. Across age groups low APGAR score births were at the highest rate for mothers aged 14 years old and younger (2.6%). Low APGAR scores represented 2.2 percent of births to mothers under age 20. The percentage of newborns with low scores was 1.2 percent for mothers aged 20-44.

Low APGAR score births occurred less frequently to mothers who received prenatal care. Of births among women receiving prenatal care, 1.1 percent were in the 0 to 6 score range. Among mothers receiving no prenatal care, 7.7 percent of births were below 7.

MATERNAL CHARACTERISTICS

Age

The median age group for new mothers in 1987 was 25-29 years. Approximately one-third (33.9%) of all births were to women in this age group. Births to teenage mothers, 19 years and younger, accounted for 9.2 percent of the total, slightly lower than the 9.4 percent in 1986. Teenage deliveries were highest as a percentage of total births in Cumberland (19.8%), Essex (15.6%), Salem (15.5%), and Mercer (12.7%) counties. Bergen had the lowest (2.4%) proportion of births to teenage mothers, followed by Hunterdon (2.6%) and Morris (2.7%). Women 35 years of age and older gave birth to 9.4 percent of the newborns, an increase of 3.4 percent over the previous year.

Race

Of total births, 86,873 (76.7%) were reported to occur to white mothers and 23,574 (20.8%) to nonwhite mothers. This was approximately the same proportions as in the previous year. Since 1970 the proportion of total births that were nonwhite increased slightly, while a comparable decrease occurred for the proportion of total births that were white. In 1987 this trend resumed after reversing itself slightly (less than one percent) in 1986 from the 1985 figure. Births of unknown or unrecorded race numbered 2,787 (2.5%).

Prenatal Care History

There were 1,171,766 visits for prenatal care. This level of approximately 10.3 visits per patient declined slightly from the 10.5 visits per patient in 1987. For women giving birth in 1987, 76.5 percent began prenatal care in the first trimester of their pregnancies and only 3.4 percent failed to receive care before the third trimester. Approximately 1.0 percent did not receive any prenatal care.

A greater percentage of white mothers began prenatal care in the first trimester than did nonwhite mothers, and fewer white mothers completed their pregnancies without any prenatal care. Of white mothers, 82.4 percent sought first trimester care. This was a slight decrease from 82.9 percent in 1986. Nonwhite mothers receiving prenatal care during the first trimester decreased from 67.7 percent in 1986 to 62.7 percent. Nonwhite mothers were over three times more likely not to receive any prenatal care than were white mothers (2.3 percent compared to 0.7 percent). Prenatal care for all age-race groups was lowest for nonwhite teenagers with less than one-half (45.2%) receiving first trimester care, a 12.6 percent drop from the 51.7 percent in 1986. Of nonwhite teenagers 3.2 percent did not receive any prenatal care, compared to 3.9 percent in 1986.

First trimester care was lowest for teenage mothers. Nearly one-half of the childbearing women in this age group, 4,982 (or 48.0%), received prenatal care from the first trimester of pregnancy. Of the 10,387 teenage mothers, 2.8 percent did not receive any prenatal care, and 10.4 percent did not begin prenatal care until the third trimester of pregnancy. There was a deterioration in the rate of receipt of adequate prenatal care in this age group compared to last year. Data also indicate that attention to prenatal care increases with maternal age. However, deterioration of these rates was also evident. First trimester care was received by 67.1 percent of the women aged 20-24 (down from 71.0 in 1986) and 83.2 percent of the women 25 years of age and older down from 84.1.

Educational Trends

Educational level was reported on 94.1 percent of all birth certificates. Three-fourths (79.0%) of mothers were at least high school graduates. Although the percentage of college graduates (23.3%) increased from the 1986 level, the percentage of high school graduates was still below the 1984 level of 82.3 percent. There is an inverse relationship between family size and educational attainment of the mother. Mothers with less education are more likely to already have children when giving birth. Mothers who lack a high school diploma had no previous live births in 42.3 percent of the cases. Among those who completed high school without further education, 44.3 percent had no previous live births. Comparable figures for mothers with some college and for college graduates were 44.7 percent and 47.8 percent, respectively. This relationship becomes more pronounced when comparing mothers who had three or more live births across levels of educational attainment. Of those who earned a high school diploma, 7.1 percent had three or more live births versus 6.6 percent of mothers with some college and 4.1 percent of mothers with college degrees. Among mothers who never completed high school, 13.8 percent had 3 or more live births.

Attendant at Birth

A physician was in attendance at 97.9 percent of all resident births, while midwives attended 1.8 percent of all resident births. Midwife attendance declined in 1987 by 14.3 percent. A decrease of 16.1 percent occurred among nonwhite mothers assisted by midwives. Midwives attended 1,319 white births, 651 black births, and 26 births to other races.

TABLES
RESIDENT BIRTHS

STATE

1.	RACE AND LEGITIMACY: 1973-1987	C-10
2.	AGE, RACE, SEX	C-11
3.	LEGITIMACY, RACE, AND AGE OF MOTHER	C-12
4.	MONTH PREGNANCY PRENATAL CARE BEGAN BY AGE OF MOTHER AND RACE	C-13
5.	BIRTH WEIGHT GROUPS BY AGE AND RACE	C-14
6.	APGAR SCORE BY AGE OF MOTHER AND RACE	C-15
7.	BIRTH WEIGHT, APGAR SCORE BY AGE OF MOTHER	C-16
8.	BIRTH WEIGHT, APGAR SCORE BY RACE	C-17
9.	BIRTH WEIGHT, APGAR SCORE BY MONTH OF PRENATAL CARE	C-18
10.	BIRTH WEIGHT, APGAR SCORE BY PREVIOUS NUMBER OF PREGNANCY TERMINATIONS	C-19
11.	PREVIOUS NUMBER OF LIVE BIRTHS BY AGE OF MOTHER	C-20
12.	PREVIOUS NUMBER OF LIVE BIRTHS BY EDUCATIONAL LEVEL OF MOTHER	C-21

COUNTIES

13.	RACE AND SEX	C-22
14.	LEGITIMACY AND RACE	C-23
15.	AGE OF MOTHER	C-24
16.	MONTH PREGNANCY PRENATAL CARE BEGAN AND VISITS	C-25
17.	BIRTH WEIGHT GROUPS	C-26
18.	APGAR SCORE	C-27
19.	ATTENDANT AND RACE	C-28
20.	MONTH OF BIRTH	C-29
21.	PLURALITY	C-30

MUNICIPALITIES

22.	SEX, RACE AND LEGITIMACY	C-31
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TABLE-1
NEW JERSEY
RESIDENT BIRTHS BY RACE AND LEGITIMACY
1973-1987

Year	Total Births		Race			Legitimate			Illegitimate			Unknown	
	Number	Rate	White	Nonwhite	Unknown	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
1973	94,024	12.8	74,108	19,190	726	80,493	85.6	13,526	14.4	5	-	5	-
1974	94,242	12.7	74,131	18,485	1,626	80,409	85.3	13,825	14.7	8	-	8	-
1975	91,457	12.4	71,579	18,248	1,630	77,119	84.3	14,333	15.7	5	-	5	-
1976	90,549	12.3	70,457	18,611	1,481	75,428	83.3	15,115	16.7	6	-	6	-
1977	93,786	12.7	72,944	19,249	1,593	77,258	82.4	16,524	17.6	4	-	4	-
1978	93,356	12.8	71,637	20,128	1,591	75,048	80.4	18,273	19.6	35	-	35	-
1979	95,672	13.0	73,534	20,373	1,765	76,226	79.7	19,411	20.3	35	-	35	-
1980	96,438	13.1	73,982	20,886	1,570	76,033	78.8	20,371	21.1	34	-	34	-
1981	96,205	13.0	74,086	20,416	1,703	75,872	78.9	20,297	21.1	36	-	36	-
1982	98,225	13.2	75,737	20,763	1,725	76,847	78.2	21,354	21.7	24	-	24	-
1983	98,746	13.2	76,023	20,885	1,838	77,060	78.0	21,663	21.9	23	-	23	-
1984	100,950	13.4	77,912	21,116	1,922	78,445	77.7	22,437	22.2	68	0.1	68	0.1
1985	105,329	13.9	80,847	22,136	2,346	81,214	77.1	23,044	21.9	1,071	1.0	1,071	1.0
1986	108,444	14.2	83,504	22,642	2,298	83,686	77.2	24,632	22.7	126	0.1	126	0.1
1987	113,234	14.8	86,873	23,574	2,787	86,594	76.5	26,396	23.3	244	0.2	244	0.2

TABLE-2

RESIDENT BIRTHS BY AGE, RACE, SEX
1987

AGE OF MOTHER	TOTAL			WHITE			BLACK			OTHER			UNKNOWN		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
	14 OR LESS	272	134	138	81	40	41	187	91	96	3	3	0	1	0
15	584	288	296	196	95	101	384	190	194	3	2	1	1	1	0
16	1302	701	601	573	312	261	711	376	335	8	7	1	10	6	4
17	2004	1026	978	997	506	491	975	503	472	15	7	8	17	10	7
18	2772	1417	1355	1498	771	727	1235	623	612	15	7	8	24	16	8
19	3453	1791	1662	1992	1018	974	1420	751	669	20	11	9	21	11	10
20-24	24295	12410	11885	16964	8735	8229	6709	3371	3338	325	158	167	297	146	151
25-29	38430	19766	18663	31241	16072	15168	5334	2735	2599	956	491	465	899	468	431
30-34	29387	15156	14229	24650	12762	11886	2897	1446	1451	822	425	397	1018	523	495
35-39	9406	4755	4650	7647	3851	3795	1031	526	505	311	167	144	417	211	206
40-44	1204	610	594	944	471	473	141	75	66	55	28	27	64	36	28
45 OR MORE	42	17	25	36	15	21	3	1	2	2	1	1	1	0	1
UNKNOWN	83	35	48	54	24	30	11	6	5	1	0	1	17	5	12
TOTAL	113234	58106	55124	86873	44672	42197	21038	10694	10344	2536	1307	1229	27871	4331	354

T = TOTAL M = MALE F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-3
RESIDENT BIRTHS BY LEGITIMACY, AND AGE OF MOTHER
1987

AGE OF MOTHER	TOTAL BIRTHS	LEGITIMATE				ILLEGITIMATE				LEGIT UNKN.		
		TOTAL	WHITE	BLACK	OTHER UNKN.	TOTAL	WHITE	BLACK	OTHER UNKN.			
14 OR LESS	272	12	8	3	1	0	260	73	184	2	1	0
15-19	10115	2013	1720	236	18	39	8088	3530	4485	42	31	14
20-24	24295	14707	12380	1795	280	252	9557	4573	4911	43	30	31
25-34	67817	60151	52095	4541	1731	1784	7510	3736	3684	47	43	156
35-44	10610	9608	8027	781	358	442	962	552	389	8	13	40
45 OR MORE	42	32	28	1	2	1	10	8	2	0	0	0
UNKNOWN	83	71	50	5	1	15	9	2	6	0	1	3
TOTAL	113234	86594	74308	7362	2391	2533	26396	12474	13661	142	119	244

RESIDENT BIRTHS -- MONTH OF PREGNANCY PRENATAL CARE BEGAN
BY AGE OF MOTHER AND RACE
1987

AGE OF MOTHER	RACE	1	2	3	4	5	6	7	8	9	UNKN	NONE
14 OR LESS	WHITE	2	16	8	10	15	5	9	7	1	4	4
	BLACK	7	28	32	14	30	31	16	14	3	7	5
	OTHER	1	0	1	1	0	0	0	0	0	0	0
	UNKNOWN	0	0	0	0	0	0	0	0	0	1	0
15-19	WHITE	421	1165	1110	736	591	399	255	169	70	209	131
	BLACK	329	811	1015	660	613	416	285	173	64	209	150
	OTHER	4	7	14	9	7	6	4	3	2	2	3
	UNKNOWN	3	2	6	8	3	8	2	1	1	39	0
20-24	WHITE	2804	5939	3431	1657	1019	666	431	264	116	454	183
	BLACK	705	1620	1547	796	585	435	305	177	79	273	187
	OTHER	62	100	59	30	18	11	11	7	3	16	8
	UNKNOWN	10	18	11	4	5	2	2	3	0	240	2
25-34	WHITE	13255	26210	9653	2695	1172	673	443	259	119	1154	258
	BLACK	1232	2613	1944	741	531	294	209	137	46	330	154
	OTHER	364	756	330	121	61	34	25	20	6	44	17
	UNKNOWN	30	103	36	21	5	8	1	0	0	1711	2
35-44	WHITE	1981	4001	1523	396	170	104	54	35	24	255	48
	BLACK	192	407	298	91	54	35	24	15	2	35	19
	OTHER	60	161	82	19	12	11	5	2	0	9	5
	UNKNOWN	8	11	11	2	2	0	1	0	0	445	1
45 OR MORE	WHITE	3	16	4	4	2	2	0	1	0	4	0
	BLACK	0	1	0	1	1	0	0	0	0	0	0
	OTHER	0	0	0	1	0	0	0	0	0	1	0
	UNKNOWN	0	0	0	0	0	0	0	0	0	1	0
UNKNOWN	WHITE	12	11	12	3	0	1	0	0	0	14	1
	BLACK	0	2	1	1	0	0	0	0	0	6	1
	OTHER	0	0	1	0	0	0	0	0	0	0	0
	UNKNOWN	0	3	0	0	1	0	0	0	0	13	0
TOTAL	113234	21485	44001	21129	8021	4897	3141	2082	1287	536	5476	1179

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

RESIDENT BIRTHS -- BIRTH WEIGHT GROUPS BY AGE AND RACE
1987

AGE OF MOTHER	RACE	TOTAL BIRTHS	BIRTH WEIGHT GROUPS										
			A	B	C	D	E	F	G	H	I	J	K
14 OR LESS	WHITE	81	0	0	3	14	36	20	4	3	1	0	0
	BLACK	187	0	0	4	34	68	44	23	6	4	3	1
	OTHER	3	0	0	0	2	0	1	0	0	0	0	0
15-19	UNKNOWN	1	0	0	0	0	0	1	0	0	0	0	0
	WHITE	5256	5	50	338	1365	2052	979	282	95	37	43	10
	BLACK	4725	2	13	136	817	1877	1229	396	110	66	73	6
20-24	OTHER	61	0	0	4	11	21	18	3	3	1	0	0
	UNKNOWN	73	0	0	1	6	18	8	2	0	0	2	36
	WHITE	16964	29	287	1527	5039	6444	2619	637	179	86	78	39
25-34	BLACK	6709	10	36	292	1256	2596	1625	532	168	84	102	8
	OTHER	325	0	1	8	132	98	18	18	6	0	1	1
	UNKNOWN	297	0	1	4	13	19	15	4	1	2	0	238
35-44	WHITE	55891	150	1139	5989	18214	20027	7364	1732	521	245	237	273
	BLACK	8231	16	82	424	1853	2941	1827	637	183	105	151	12
	OTHER	1778	3	8	83	405	726	430	89	18	7	8	1
45 OR MORE	UNKNOWN	1917	2	2	12	68	95	35	10	6	2	2	1683
	WHITE	8591	28	208	1031	2823	2820	1121	318	87	47	40	68
	BLACK	1172	2	20	85	266	406	232	89	30	19	21	2
UNKNOWN	OTHER	366	1	1	20	154	70	17	17	5	0	2	439
	UNKNOWN	481	0	1	4	12	6	2	0	0	0	0	0
	WHITE	36	0	2	3	9	6	2	2	0	0	0	0
UNKNOWN	BLACK	3	0	0	0	1	2	0	0	0	0	0	0
	OTHER	2	0	0	0	2	0	0	0	0	0	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	0	0
UNKNOWN	WHITE	54	0	0	6	19	7	2	2	2	0	3	5
	BLACK	11	0	0	1	2	3	0	0	0	0	3	0
	OTHER	1	0	0	0	1	0	0	0	0	0	0	0
UNKNOWN	17	0	0	0	1	3	0	0	0	0	1	12	

TOTAL	113234	248	1851	9975	32382	40483	17760	4799	1423	706	772	2835
A = 11 LBS OR MORE (5001 OR MORE GRAMS)												
B = 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)												
C = 8 LBS 14 OZS-9 LBS 14 OZS (4001-4500 GRAMS)												
D = 7 LBS 12 OZS-8 LBS 13 OZS (3501-4000 GRAMS)												
E = 6 LBS 10 OZS-7 LBS 11 OZS (3001-3500 GRAMS)												
F = 5 LBS 9 OZS-6 LBS 9 OZS (2501-3000 GRAMS)												
G = 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)												
H = 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)												
I = 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)												
J = 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)												
K = WEIGHT NOT STATED												

TABLE-6

RESIDENT-BIRTHS -- APGAR SCORE BY AGE AND RACE
1987

AGE OF MOTHER	RACE	APGAR SCORE (5 MINUTES)											UNKN
		0	1	2	3	4	5	6	7	8	9	10	
14 OR LESS	WHITE	81	0	0	0	0	0	0	1	8	61	8	2
	BLACK	187	1	3	0	0	0	2	4	17	138	21	1
	OTHER	3	0	0	0	0	0	0	0	0	3	0	0
15-19	UNKNOWN	1	0	0	0	0	0	0	0	0	1	0	0
	WHITE	5256	6	20	3	5	9	13	66	322	3695	973	102
	BLACK	4725	9	22	2	10	8	25	92	348	3592	502	68
20-24	OTHER	61	0	0	0	0	0	0	1	5	48	6	1
	UNKNOWN	73	0	1	0	0	0	0	1	2	23	9	37
	WHITE	16964	10	23	11	17	15	34	161	820	11390	4008	404
25-34	BLACK	6709	23	30	6	14	20	32	54	445	4932	914	122
	OTHER	325	0	0	0	0	0	0	3	17	199	93	9
	UNKNOWN	297	0	0	0	0	0	0	0	4	31	10	252
35-44	WHITE	55891	40	68	38	37	49	87	454	2485	36912	13464	2094
	BLACK	8231	17	30	17	13	22	29	135	587	5923	1215	163
	OTHER	1778	1	2	0	3	2	2	8	53	1068	588	38
45 OR MORE	UNKNOWN	1917	0	1	0	0	0	0	1	7	109	62	1737
	WHITE	8591	6	17	5	5	8	11	29	431	5587	2016	396
	BLACK	1172	1	6	3	3	3	3	10	77	841	169	33
UNKNOWN	OTHER	366	0	0	1	0	0	1	6	11	228	108	10
	UNKNOWN	481	0	1	0	0	0	0	0	3	21	8	448
	WHITE	36	0	0	0	0	0	0	0	4	18	10	4
UNKNOWN	BLACK	3	0	0	0	0	0	0	0	0	2	1	0
	OTHER	2	0	0	0	0	0	0	0	0	0	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL	WHITE	54	0	1	0	0	0	0	0	0	1	3	42
	BLACK	11	0	1	0	0	0	0	1	2	7	1	5
	OTHER	1	0	0	0	0	0	0	0	0	1	0	0
TOTAL		113234	114	226	86	108	136	242	512	1154	5649	24189	5983

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE-7

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY AGE
1987

AGE OF MOTHER	TOTAL BIRTHS	BIRTH WEIGHT		WEIGHT UNKNOWN	APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE		0-6	7-10	UNKN.
14 OR LESS	272	44	227	1	7	262	3
15-19	10115	1113	8950	52	222	9685	208
20-24	24295	1898	22111	286	364	23144	787
25-34	67817	3953	61895	1969	709	63076	4032
35-44	10610	679	9422	509	118	9605	887
45 OR MORE	42	2	39	1	0	37	5
UNKNOWN	83	11	55	17	4	18	61
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-8

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY RACE
1987

RACE	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		TOTAL BIRTHS
	5 LBS (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10 UNKN.	
WHITE	4681	81797	395	844	82985	3044
BLACK	2805	18204	29	551	20095	392
OTHER	178	2356	2	25	2453	58
UNKNOWN	36	342	2409	4	294	2489
TOTAL	7700	102699	2835	1424	105827	5983

TABLE-9

RESIDENT BIRTHS --- BIRTH WEIGHT, APGAR SCORE BY MONTH PRENATAL CARE BEGAN
1987

MONTH CARE BEGAN	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		633
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10	
1	21485	1207	20247	31	221	20631	633
2	44001	2444	41501	56	417	42268	1316
3	21129	1476	19621	32	273	20323	533
4	8021	680	7327	14	111	7745	165
5	4897	426	4468	3	84	4734	79
6	3141	254	2879	8	47	3023	71
7	2082	172	1904	6	23	2015	44
8	1287	104	1181	2	10	1245	32
9	536	42	494	0	12	507	17
NO CARE	1179	338	541	0	91	1056	32
UNKNOWN	5476	557	2236	2683	135	2280	3061
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-10

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE
BY PREVIOUS NUMBER OF PREGNANCY TERMINATIONS
1987

NUMBER OF PREVIOUS TERMINATIONS	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	1-6	7-10	UNKN.
0	83032	5519	77447	66	1040	81490	502
1	16949	1170	15763	16	220	16647	82
2	5303	460	4838	5	101	5175	27
3	1647	172	1473	2	29	1607	11
OVER 3	775	108	666	1	32	738	5
UNKNOWN	5528	271	2512	2745	2	170	5356
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-11

RESIDENT BIRTHS -- PREVIOUS NUMBER OF LIVE BIRTHS
BY AGE OF MOTHER
1987

AGE OF MOTHER	TOTAL	PREVIOUS NUMBER OF LIVE BIRTHS				UNKN.
		0	1	2	3	
14 OR LESS	272	258	9	1	0	2
15 - 19	10115	7774	1773	384	48	8
20 - 24	24295	12689	7310	2624	753	308
25 - 29	38430	16775	12392	5214	1506	713
30 - 34	29387	8665	10563	5457	1802	920
35 - 39	9406	2045	2951	2111	887	632
40 OR MORE	1246	205	296	252	161	203
UNKNOWN	83	9	8	1	1	1
TOTAL	113234	48420	35302	16044	5158	2787
						5523

TABLE-12

RESIDENT BIRTHS -- PREVIOUS NUMBER OF LIVE BIRTHS
BY EDUCATIONAL LEVEL OF MOTHER
1987

EDUCATIONAL LEVEL OF MOTHER	TOTAL	PREVIOUS NUMBER OF LIVE BIRTHS			UNKN.		
		0	1	2		3	OVER 3
A. GRAMMAR SCHOOL	3342	1210	904	637	299	291	1
B. SOME HIGH SCHOOL	13719	6011	3708	2217	1031	735	17
C. HIGH SCHOOL GRADUATE	43699	19345	14458	6771	2078	1025	22
D. SOME COLLEGE	19390	8671	6598	2830	886	392	13
E. COLLEGE GRADUATE	26348	12604	9271	3398	785	284	6
F. UNKNOWN	6736	579	363	191	79	60	5464
TOTAL	113234	48420	35302	16044	5158	2787	5523

TABLE-13

RESIDENT BIRTHS -- BY RACE AND SEX
1987

COUNTY OF RESIDENCE	TOTAL		WHITE				BLACK				OTHER				UNKNOWN					
	T	M	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
ATLANTIC	3507	1821	2572	1346	1226	857	439	418	66	34	32	66	34	32	12	2	10	794	423	371
BERGEN	9711	5031	8002	4143	3859	485	240	245	430	225	205	430	225	205	29	12	17	29	12	17
BURLINGTON	5473	2827	4481	2305	2176	868	460	408	95	50	45	95	50	45	54	22	32	54	22	32
CAMDEN	8500	4326	6531	3338	3193	1813	914	899	102	52	50	102	52	50	0	0	0	54	22	32
CAPE MAY	1298	627	1201	579	622	93	45	48	4	3	1	4	3	1	0	0	0	0	0	0
CUMBERLAND	2178	1109	1644	826	818	492	261	231	21	12	9	21	12	9	21	10	11	21	10	11
ESSEX	13262	6870	6104	3193	2911	6703	3449	3254	188	91	97	188	91	97	267	137	130	267	137	130
GLOUCESTER	3190	1677	2813	1494	1317	342	170	172	18	5	13	18	5	13	17	8	9	17	8	9
HUDSON	8750	4446	6078	3097	2981	1899	964	935	356	179	177	356	179	177	417	206	211	417	206	211
HUNTERDON	1446	737	1400	711	689	19	12	7	17	9	8	17	9	8	10	5	5	10	5	5
MERCER	4774	2458	3274	1709	1565	1396	692	704	75	41	34	75	41	34	29	16	13	29	16	13
MIDDLESEX	9538	4867	7984	4118	3866	936	440	496	353	177	176	353	177	176	265	132	133	265	132	133
MONMOUTH	8020	4135	6610	3407	3203	976	502	474	180	94	86	180	94	86	254	132	122	254	132	122
MORRIS	5616	2834	5187	2621	2565	184	88	96	134	66	68	134	66	68	111	59	52	111	59	52
OCEAN	5560	2824	5143	2633	2510	241	108	133	34	16	18	34	16	18	142	67	75	142	67	75
PASSAIC	7632	3897	5816	2953	2863	1540	795	745	196	101	95	196	101	95	80	48	32	80	48	32
SALEM	813	408	590	286	304	193	105	88	4	2	2	4	2	2	26	15	11	26	15	11
SOMERSET	3200	1644	2843	1454	1389	218	113	105	99	56	43	99	56	43	40	21	19	40	21	19
SUSSEX	2099	1100	2008	1053	955	6	4	2	8	6	2	8	6	2	77	37	40	77	37	40
UNION	7101	3657	5148	2666	2481	1690	846	844	134	74	60	134	74	60	129	71	58	129	71	58
WARREN	1375	708	1335	683	652	22	11	11	6	5	1	6	5	1	12	9	3	12	9	3
STATE INST	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY	190	102	108	56	52	65	36	29	16	9	7	16	9	7	1	1	0	1	1	0
TOTAL	113234	58106	86873	44672	42197	21038	10694	10344	2536	1307	1229	2536	1307	1229	27871	14331	1354	27871	14331	1354

T = TOTAL M = MALE F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-14

RESIDENT BIRTHS -- BY LEGITIMACY AND RACE
1987

COUNTY OF RESIDENCE	TOTAL BIRTHS	LEGITIMATE				ILLEGITIMATE				LEGIT UNKN.		
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK		OTHER	UNKN.
ATLANTIC	3507	2279	2008	214	50	7	1223	561	643	16	3	5
BERGEN	9711	9005	7553	282	425	745	664	446	203	5	10	42
BURLINGTON	5473	4465	3887	466	86	26	1003	591	401	9	2	5
CAMDEN	8500	5819	5153	538	84	44	2664	1365	1273	17	9	17
CAPE MAY	1298	1031	1004	24	3	0	265	195	69	1	0	2
CUMBERLAND	2178	1237	1104	106	15	12	940	539	386	6	9	1
ESSEX	13262	7382	4826	2143	174	239	5862	1277	4556	14	15	18
GLOUCESTER	3190	2567	2406	134	14	13	620	404	208	4	4	3
HUDSON	8750	5887	4519	665	339	364	2833	1555	1233	16	29	30
HUNTERDON	1446	1359	1323	9	17	10	86	76	10	0	0	1
MERCER	4774	3203	2755	357	66	25	1569	517	1039	9	4	2
MIDDLESEX	9538	8225	7124	509	346	246	1296	857	427	7	5	17
MONMOUTH	8020	6766	5973	385	170	238	1236	633	591	10	2	18
MORRIS	5616	5178	4851	93	133	101	427	329	91	1	6	11
OCEAN	5560	4784	4547	85	26	126	769	595	156	8	10	7
PASSAIC	7632	5342	4608	476	184	74	2273	1199	1061	11	2	17
SALEM	813	541	469	45	4	23	271	121	148	0	2	1
SOMERSET	3200	2912	2663	115	97	37	284	179	103	2	0	4
SUSSEX	2099	1895	1512	5	7	73	178	171	3	1	3	26
UNION	7101	5370	4474	647	130	119	1716	669	1039	4	4	15
WARREN	1375	1173	1146	11	6	10	200	189	11	0	0	2
STATE INST	1	0	0	0	0	0	1	1	0	0	0	0
MILITARY	190	174	103	55	15	1	16	5	10	1	0	0
TOTAL	113234	86594	74308	7362	2391	2533	26396	12474	13661	142	119	244

TABLE-15

RESIDENT BIRTHS -- BY AGE OF MOTHER
1987

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER											45 OR MORE	UNK
		14 OR LESS	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44		
ATLANTIC	3507	11	31	51	84	119	119	973	1190	723	189	15	1	1
BERGEN	9711	5	8	18	41	69	94	1291	3422	3392	1193	171	5	2
BURLINGTON	5473	5	23	59	101	123	163	1258	1945	1353	398	37	0	8
CAMDEN	8500	26	57	140	226	282	347	2067	2866	1884	527	57	2	19
CAPE MAY	1298	1	1	9	28	28	50	336	452	295	85	9	2	2
CUMBERLAND	2178	18	31	67	83	125	108	695	618	322	98	12	1	0
ESSEX	13262	62	127	295	408	521	661	3418	3724	2856	1041	141	2	4
GLOUCESTER	3190	6	11	23	60	78	120	746	1155	734	216	32	1	8
HUDSON	8750	27	56	143	170	275	333	2332	2867	1772	662	105	5	3
HUNTERDON	1446	0	3	4	4	8	18	172	496	541	174	22	1	3
MERCER	4774	24	55	86	117	148	178	1037	1497	1173	406	46	1	6
MIDDLESEX	9538	11	19	61	95	185	198	1748	3710	2692	711	100	3	5
MONMOUTH	8020	13	31	62	93	128	196	1373	2826	2449	745	95	3	6
MORRIS	5616	1	1	9	22	47	69	764	1923	2023	665	86	3	3
OCEAN	5560	9	25	32	65	101	140	1291	2069	1370	399	54	2	3
PASSAIC	7632	30	58	124	208	233	314	1944	2416	1672	567	62	3	3
SALEM	813	4	5	18	23	31	45	235	260	153	36	2	1	0
SOMERSET	3200	3	6	8	24	33	38	420	1264	1000	361	42	1	0
SUSSEX	2099	1	0	13	19	28	28	304	801	675	206	22	1	1
UNION	7101	12	32	73	116	170	197	1498	2362	1923	625	87	4	2
WARREN	1375	3	4	7	15	36	31	330	499	346	91	7	0	6
STATE INST	1	0	0	0	0	0	0	0	0	1	0	0	0	0
MILITARY	190	0	0	0	2	4	6	63	68	36	11	0	0	0
TOTAL	113234	272	584	1302	2004	2772	3453	24295	38430	29387	9406	1204	42	83

TABLE-16

RESIDENT BIRTHS -- BY MONTH PREGNANCY PRENATAL CARE BEGAN
1987.

COUNTY OF RESIDENCE	NUMBER OF VISITS		NO PREN CARE	MONTH OF PREGNANCY PRENATAL CARE BEGAN											
	TOTAL	UNKN		1	2	3	4	5	6	7	8	9	UNKN		
ATLANTIC	35784	86	48	291	1036	862	450	273	203	140	79	24	101		
BERGEN	100292	1226	83	2105	4275	1488	325	135	90	59	36	26	1089		
BURLINGTON	56763	194	25	1137	2256	959	380	274	141	83	50	22	146		
CAMDEN	83774	266	124	1468	3179	1696	718	424	298	201	98	45	249		
CAPE MAY	11529	26	2	59	449	362	170	97	62	35	25	5	32		
CUMBERLAND	20118	66	15	236	507	486	306	196	156	104	76	27	69		
ESSEX	136995	493	121	2081	4878	3142	862	678	445	297	179	66	513		
GLOUCESTER	35082	86	14	672	1314	608	229	108	88	37	29	13	78		
HUDSON	85003	1060	82	1703	2858	1399	700	492	345	203	112	38	818		
HUNTERDON	16045	23	0	181	711	398	60	23	18	12	10	5	28		
MERCER	51488	172	32	1169	1840	797	312	185	124	91	49	15	140		
MIDDLESEX	104186	375	44	2549	3689	1476	547	369	200	165	101	37	361		
MONMOUTH	87400	398	37	1357	3375	1565	614	330	166	103	61	29	383		
MORRIS	64747	151	24	1278	2892	804	191	95	49	30	18	7	228		
OCEAN	57391	208	28	1072	2130	1117	465	222	120	89	47	23	197		
PASSAIC	67529	494	435	1197	2397	1258	701	447	286	227	123	65	496		
SALEM	7458	51	5	117	270	157	93	53	36	21	10	5	46		
SOMERSET	37119	67	3	784	1493	548	144	67	34	15	25	8	79		
SUSSEX	21986	112	9	364	1046	344	85	49	37	20	22	12	111		
UNION	74354	284	37	1420	2605	1359	566	326	212	123	119	56	278		
WARREN	15121	26	10	201	697	256	84	43	23	17	10	5	29		
STATE INST	3	0	0	0	0	0	0	1	0	0	0	0	0		
MILITARY	1599	9	1	24	54	48	19	10	8	10	8	3	5		
TOTAL	1171766	5873	1179	21485	44001	21129	8021	4897	3141	2082	1287	536	5476		

TABLE-17

RESIDENT BIRTHS -- BY BIRTH WEIGHT GROUPS

1987

COUNTY OF RESIDENCE	TOTAL BIRTHS	A	B	C	D	E	F	G	H	I	J	K
ATLANTIC	3507	5	53	314	1079	1238	557	167	40	22	24	8
BERGEN	9711	17	166	928	2750	3298	1248	309	88	33	44	830
BURLINGTON	5473	13	104	507	1724	1871	841	261	61	30	32	29
CAMDEN	8500	16	131	757	2413	3077	1442	394	115	46	63	46
CAPE MAY	1298	2	34	149	395	463	168	59	15	5	5	3
CUMBERLAND	2178	7	34	176	636	799	365	95	27	14	18	7
ESSEX	13262	29	140	851	3135	4983	2551	776	218	148	148	283
GLOUCESTER	3190	9	66	339	1002	1139	442	102	33	20	22	16
HUDSON	8750	8	90	586	2149	3207	1609	436	115	57	56	437
HUNTERDON	1446	4	39	163	473	520	196	30	4	2	6	9
MERCER	4774	16	76	374	1306	1763	814	230	79	35	49	32
MIDDLESEX	9538	32	170	901	2807	3349	1394	367	101	57	64	296
MONMOUTH	8020	17	141	737	2404	2773	1154	321	99	47	53	274
MORRIS	5616	15	108	611	1857	1941	739	160	54	19	29	83
OCEAN	5560	9	114	546	1724	2023	760	168	40	24	17	135
PASSAIC	7632	17	110	639	2054	2798	1319	372	131	56	62	74
SALEM	813	3	20	71	218	278	146	35	10	6	3	23
SOMERSET	3200	8	77	344	1063	1099	425	88	34	14	16	32
SUSSEX	2099	3	37	213	684	700	268	76	28	13	6	71
UNION	7101	16	108	602	2002	2644	1088	294	115	47	49	136
WARREN	1375	2	31	152	458	450	201	45	13	8	4	11
STATE INST	1	0	0	0	0	1	0	0	0	0	0	0
MILITARY	190	0	2	15	49	69	33	14	3	3	2	0
TOTAL	113234	248	1851	9975	32382	40483	17760	4799	1423	706	772	2835

A = 11 LBS OR MORE (5001 OR MORE GRAMS)
 B = 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
 C = 6 LBS 14 OZS-9 LBS 14 OZS (4001-4500 GRAMS)
 D = 7 LBS 12 OZS-8 LBS 13 OZS (3501-4000 GRAMS)
 E = 6 LBS 10 OZS-7 LBS 11 OZS (3001-3500 GRAMS)
 F = 5 LBS 9 OZS-6 LBS 9 OZS (2501-3000 GRAMS)
 G = 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
 H = 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
 I = 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
 J = 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
 K = WEIGHT NOT STATED

TABLE-18

RESIDENT BIRTHS -- BY APGAR SCORE (5 MINUTES)
1987

COUNTY OF RESIDENCE	TOTAL	0	1	2	3	4	5	6	7	8	9	10	UNKN.
ATLANTIC	3507	2	8	5	5	6	2	13	40	211	2415	679	121
BERGEN	9711	10	12	4	7	9	8	30	45	209	3710	4730	937
BURLINGTON	5473	3	10	1	4	5	14	27	73	322	3889	733	392
CAMDEN	8500	9	23	6	11	11	23	40	92	553	6129	621	982
CAPE MAY	1298	1	1	0	4	1	2	8	10	41	385	799	46
CUMBERLAND	2178	0	1	5	3	3	11	20	27	111	1261	679	57
ESSEX	13262	30	34	14	11	20	38	67	185	754	10088	1599	422
GLOUCESTER	3190	1	5	3	2	6	9	9	37	210	2220	334	354
HUDSON	8750	8	10	6	7	9	11	42	63	289	4097	3724	484
HUNTERDON	1446	1	2	1	2	2	2	2	18	72	962	311	71
MERCER	4774	4	23	3	8	3	11	20	52	251	3362	894	143
MIDDLESEX	9538	8	28	8	13	8	18	37	86	408	7216	1352	356
MONMOUTH	8020	5	10	4	10	12	20	43	77	474	6337	650	378
MORRIS	5616	4	6	7	4	4	6	18	49	266	3769	1368	115
OCEAN	5560	3	9	5	2	3	18	19	50	217	4044	1000	190
PASSAIC	7632	10	16	4	5	12	23	67	105	529	4931	1793	137
SALEM	813	0	1	1	0	2	0	3	6	34	419	170	177
SOMERSET	3200	3	8	5	3	7	6	14	29	203	2358	510	54
SUSSEX	2099	2	7	0	0	1	4	4	21	100	1194	555	211
UNION	7101	6	9	4	6	10	14	27	84	337	5356	1067	181
WARREN	1375	4	3	0	0	1	1	2	4	47	549	595	169
STATE INST	1	0	0	0	0	0	0	0	0	0	0	1	0
MILITARY	190	0	0	0	1	1	1	0	1	11	144	25	6
TOTAL	113234	114	226	86	108	136	242	512	1154	5649	74835	24189	5983

TABLE-19

RESIDENT BIRTHS -- BY ATTENDANT AND RACE
1987

COUNTY OF RESIDENCE	TOTAL BIRTHS	PHYSICIAN			ATTENDANT			OTHER			UNKNOWN						
		TOTAL	WHITE	BLACK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH				
ATLANTIC	3507	3385*	2495	816	63	118*	76	38	3	4	1	3	0	0	0	0	0
BERGEN	9711	9627*	7937	482	426	48*	39	3	1	14	11	0	3	22*	15	0	0
BURLINGTON	5473	5437*	4449	864	95	24	20	4	0	6	6	0	0	6	6	0	0
CAMDEN	8500	8419*	6470	1799	99	50	43	5	2	19	11	7	1	12*	7	2	0
CAPE MAY	1298	1287	1190	93	4	10	10	0	0	0	0	0	0	1	1	0	0
CUMBERLAND	2178	1828*	1400	393	16	341*	237	99	3	3	2	0	1	6	5	0	1
ESSEX	13262	12889*	6003	6437	186	335*	84	247	2	25	9	16	0	13*	8	3	0
GLOUCESTER	3190	3118*	2748	335	18	62	58	4	0	7	4	3	0	3	3	0	0
HUDSON	8750	8406*	5877	1770	350	334*	196	125	6	7	4	3	0	3*	1	1	0
HUNTERDON	1446	1410*	1365	18	17	26	25	1	0	5	5	0	0	5	5	0	0
MERCER	4774	4586*	3170	1313	74	174	95	78	1	14	9	5	0	0	0	0	0
MIDDLESEX	9538	9463*	7921	931	352	32*	26	2	1	30	28	2	0	13*	9	1	0
MONMOUTH	8020	7953*	6560	963	179	18	18	0	0	35	24	10	1	14*	8	3	0
MORRIS	5616	5406*	4991	177	129	179	168	6	5	15	14	1	0	16*	14	0	0
OCEAN	5560	5524*	5109	240	34	16	16	0	0	16	15	1	0	4*	3	0	0
PASSAIC	7632	7547*	5755	1522	194	52*	37	11	1	24	17	6	1	9*	7	1	0
SALEM	813	798*	578	190	4	15	12	3	0	0	0	0	0	0	0	0	0
SOMERSET	3200	3166*	2810	217	99	22	22	0	0	9	8	1	0	3	3	0	0
SUSSEX	2099	2030*	1939	6	8	59	59	0	0	2	2	0	0	8	8	0	0
UNION	7101	6989*	5072	1658	133	95*	68	25	1	7	2	5	0	10*	6	2	0
WARREN	1375	1361*	1323	22	6	10	10	0	0	2	2	0	0	2*	0	0	0
STATE INST	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY	190	188*	108	63	16	0	0	0	0	0	0	0	0	2	0	0	2
TOTAL	113234	110818	85271	20309	2502	2020	1319	651	26	244	174	63	7	152	109	15	1

* TOTAL INCLUDES BIRTHS UNKNOWN AS TO RACE

TABLE-20

RESIDENT BIRTHS BY MONTH
1987

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN.
ATLANTIC	3507	265	298	262	280	269	288	340	294	296	317	308	290	0
BERGEN	9711	727	733	820	821	804	885	862	821	837	813	790	798	0
BURLINGTON	5473	449	418	479	423	439	456	478	478	498	436	424	495	0
CAMDEN	8500	666	634	679	700	736	721	718	713	710	768	710	745	0
CAPE MAY	1298	100	95	109	107	110	109	123	105	109	117	112	102	0
CUMBERLAND	2178	181	181	169	174	157	168	188	216	181	200	191	172	0
ESSEX	13262	1044	982	1066	1078	1178	1149	1223	1101	1195	1086	1080	1080	0
GLOUCESTER	3190	266	236	274	239	240	239	288	276	279	281	267	305	0
HUDSON	8750	700	647	703	721	752	772	775	701	784	744	693	758	0
HUNTERDON	1446	96	111	116	126	138	105	130	149	122	119	112	122	0
MERCER	4774	351	373	375	396	416	402	425	401	421	414	406	394	0
MIDDLESEX	9538	787	747	773	764	868	783	827	847	801	787	750	804	0
MONMOUTH	8020	677	607	671	657	677	701	706	691	661	709	651	612	0
MORRIS	5616	439	410	458	470	524	532	476	462	488	475	417	465	0
OCEAN	5560	422	443	462	415	464	474	495	453	474	470	494	494	0
PASSAIC	7632	606	558	630	628	689	633	671	636	685	647	602	647	0
SALEM	813	62	65	75	53	69	69	74	59	74	76	58	79	0
SOMERSET	3200	238	236	233	262	293	266	268	266	315	274	279	270	0
SUSSEX	2099	155	145	172	178	193	175	195	164	195	181	184	162	0
UNION	7101	610	497	587	589	591	582	624	642	629	574	559	617	0
WARREN	1375	110	106	117	119	127	101	128	117	119	102	122	107	0
STATE INST	1	1	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY	190	24	10	8	18	29	5	4	7	41	26	12	6	0
TOTAL	113234	8976	8532	9238	9218	9763	9615	10018	9599	9914	9616	9221	9524	0

TABLE-21

RESIDENT BIRTHS BY PLURALITY

1987

COUNTY OF RESIDENCE	TOTAL	SINGLE	TWIN	TRIPLETS AND OTHER	UNKNOWN
ATLANTIC	3507	3454	51	1	1
BERGEN	9711	9503	180	13	15
BURLINGTON	5473	5364	106	0	3
CAMDEN	8500	8348	131	5	16
CAPE MAY	1298	1283	14	0	1
CUMBERLAND	2178	2138	40	0	0
ESSEX	13262	13002	243	12	5
GLOUCESTER	3190	3133	47	3	7
HUDSON	8750	8607	132	0	11
HUNTERDON	1446	1420	26	0	0
MERCER	4774	4676	86	10	2
MIDDLESEX	9538	9350	181	4	3
MONMOUTH	8020	7825	188	0	7
MORRIS	5616	5508	101	5	2
OCEAN	5560	5449	105	3	3
PASSAIC	7632	7490	135	6	1
SALEM	813	802	8	3	0
SOMERSET	3200	3136	60	3	1
SUSSEX	2099	2044	47	6	2
UNION	7101	6978	109	13	1
WARREN	1375	1353	20	0	2
STATE INST	1	1	0	0	0
MILITARY	190	188	2	0	0
TOTAL	113234	111052	2012	87	83

TABLE-22

RESIDENT BIRTHS ---SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1987

ATLANTIC COUNTY PLACE OF RESIDENCE	SEX		RACE				LEGITIMACY	
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
ABSECON CITY	74	79	141	9	3	0	132	21
ATLANTIC CITY	433	416	313	511	23	2	257	592
BRIGANTINE CITY	79	66	138	6	1	0	105	40
BUENA BORO	42	45	79	6	0	2	55	32
BUENA VISTA TWP	28	37	47	17	1	0	43	22
CORBIN CITY	1	2	3	0	0	0	3	0
EGG HARBOR CITY	72	56	107	20	0	1	90	38
EGG HARBOR TWP	173	151	276	42	5	1	256	67
ESTELL MANOR CITY	8	6	14	0	0	0	14	0
FOLSOM BORO	7	5	12	0	0	0	11	1
GALLOWAY TWP	141	122	247	10	5	1	228	35
HAMILTON TWP	134	141	231	38	5	1	225	50
HAMMONTON TOWN	133	104	226	7	3	1	175	61
LINWOOD CITY	41	39	78	0	2	0	79	1
LONGPORT BCRO	3	3	6	0	0	0	4	2
MARGATE CIT.	21	39	54	2	3	1	49	11
MULLICA TWP	33	25	54	3	1	0	44	13
NORTHFIELD CITY	63	51	114	0	0	0	102	11
PLEASANTVILLE CITY	165	150	136	173	6	0	147	168
PORT REPUBLIC CITY	5	3	8	0	0	0	6	1
SOMERS POINT CITY	102	89	179	7	5	0	162	29
VENTNOR CITY	50	40	82	4	3	1	66	24
WEYMOUTH TWP	13	17	27	2	0	1	26	4
*TOTAL ATLANTIC	1821	1686	2572	357	66	12	2279	1223
	3507							5

TABLE-22 (CONTINUED)
1987

BERGEN COUNTY

PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY		
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN	
ALLENDALE BORO	38	25	0	56	0	1	6	62	0	1
ALPINE BORO	12	5	0	12	1	1	3	17	0	0
BERGENFIELD BORO	170	155	0	279	9	15	22	302	17	6
BOGOTA BORO	62	46	0	101	2	1	4	96	12	0
CARLSTADT BORO	42	37	0	70	3	3	3	76	3	0
CLIFFSIDE PARK BORO	107	102	0	156	5	15	33	196	11	2
CLOSTER BORO	57	33	0	71	1	6	12	87	2	1
CRESSKILL BORO	23	31	0	44	1	2	7	53	1	0
DEMAREST BORO	20	14	0	19	1	2	12	32	0	2
DUMONT BORO	116	105	0	197	4	11	9	213	6	2
EAST RUTHERFORD BORO	50	71	0	106	1	8	6	115	6	0
EDGEWATER BORO	34	42	0	55	2	3	16	67	9	0
ELMWOOD PARK BORO	110	121	0	218	1	7	5	222	9	0
EMERSON BORO	35	40	0	67	0	2	6	74	1	0
ENGLEWOOD CITY	185	178	0	174	125	11	53	262	99	2
ENGLEWOOD CLIFFS BORO	23	18	0	27	1	4	9	40	1	0
FAIR LAWN BORO	145	163	0	269	1	6	32	296	10	2
FAIRVIEW BORO	108	94	0	182	2	6	12	185	16	1
FORT LEE BORO	163	165	0	183	4	59	82	317	9	2
FRANKLIN LAKES BORO	45	35	0	70	0	1	9	79	1	0
GARFIELD CITY	197	210	0	396	6	2	3	355	52	0
GLEN ROCK BORO	70	65	0	122	0	5	8	133	1	1
HACKENSACK CITY	283	228	0	313	143	23	32	400	110	1
HARRINGTON PARK BORO	26	23	0	39	0	4	6	49	0	0
HASBROUCK HEIGHTS BORO	63	61	0	114	3	4	3	120	4	0
HAWORTH BORO	19	8	0	26	0	0	1	26	1	0
HILLSDALE BORO	62	44	0	97	1	2	6	103	3	0
HOHOKUS BORO	19	27	0	40	0	1	5	45	1	0
LEONIA BORO	47	49	0	77	3	2	14	89	6	1
LITTLE FERRY BORO	78	55	0	111	3	13	6	127	6	0
LODI BORO	176	148	0	285	13	20	6	293	31	0
TOTAL	63	63	0	63	0	1	6	62	0	1
	17	5	0	12	1	1	3	17	0	0
	325	155	0	279	9	15	22	302	17	6
	108	46	0	101	2	1	4	96	12	0
	79	37	0	70	3	3	3	76	3	0
	209	102	0	156	5	15	33	196	11	2
	90	33	0	71	1	6	12	87	2	1
	54	31	0	44	1	2	7	53	1	0
	34	20	0	19	1	2	12	32	0	2
	221	105	0	197	4	11	9	213	6	2
	121	71	0	106	1	8	6	115	6	0
	76	42	0	55	2	3	16	67	9	0
	231	121	0	218	1	7	5	222	9	0
	75	40	0	67	0	2	6	74	1	0
	363	178	0	174	125	11	53	262	99	2
	41	18	0	27	1	4	9	40	1	0
	308	163	0	269	1	6	32	296	10	2
	202	94	0	182	2	6	12	185	16	1
	328	165	0	183	4	59	82	317	9	2
	80	35	0	70	0	1	9	79	1	0
	407	210	0	396	6	2	3	355	52	0
	135	65	0	122	0	5	8	133	1	1
	511	228	0	313	143	23	32	400	110	1
	49	23	0	39	0	4	6	49	0	0
	124	61	0	114	3	4	3	120	4	0
	27	8	0	26	0	0	1	26	1	0
	106	44	0	97	1	2	6	103	3	0
	46	27	0	40	0	1	5	45	1	0
	96	49	0	77	3	2	14	89	6	1
	133	55	0	111	3	13	6	127	6	0
	324	148	0	285	13	20	6	293	31	0

TABLE-22 (CONTINUED)
1987

BERGEN COUNTY

PLACE OF RESIDENCE	SEX		RACE				LEGITIMACY																									
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN																						
LYNDHURST TWP	113	88	0	192	0	6	3	189	12	0																						
MAHWAH TWP	87	79	0	153	2	3	8	154	11	1																						
MAYWOOD BORO	61	53	0	101	3	3	7	112	2	0																						
MIDLAND PARK BORO	56	43	0	96	0	2	1	97	2	0																						
MONTVALE BORO	41	39	0	72	0	0	8	80	0	0																						
MOONACHIE BORO	20	12	0	29	0	2	1	32	0	0																						
NEW MILFORD BORO	74	100	0	155	4	4	11	165	9	0																						
NORTH ARLINGTON BORO	91	81	0	163	1	6	2	162	10	0																						
NORTHVALE BORO	12	27	0	30	1	2	6	39	0	0																						
NORWOOD BORO	26	21	0	39	0	3	5	46	0	1																						
OAKLAND BORO	75	72	0	141	0	2	4	143	4	0																						
OLD TAPPAN BORO	16	31	0	40	0	2	5	47	0	0																						
ORADELL BORO	45	27	0	60	0	1	11	69	2	1																						
PALISADES PARK BORO	110	105	0	160	5	27	23	193	22	0																						
PARAMUS BORO	117	77	0	159	0	20	15	184	9	1																						
PARK RIDGE BORO	54	41	0	85	0	5	5	85	9	1																						
RAMSEY BORO	77	76	0	139	3	1	10	144	9	0																						
RIDGEFIELD BORO	87	50	0	106	2	10	19	128	8	1																						
RIDGEFIELD PARK TWP	52	52	0	92	3	2	7	98	6	0																						
RIDGEWOOD VIL	127	108	0	210	8	5	12	229	6	0																						
RIVER EDGE BORO	54	49	0	85	3	8	7	102	1	0																						
RIVER VALE TWP	52	54	0	94	0	2	10	103	3	0																						
ROCHELLE PARK TWP	52	55	0	99	0	2	6	99	8	0																						
ROCKLEIGH BORO	1	1	0	0	0	0	2	2	0	0																						
RUTHERFORD BORO	85	100	0	162	3	12	8	180	4	1																						
SADDLE BROOK TWP	70	84	0	149	1	3	1	149	5	0																						
SADDLE RIVER BORO	10	11	0	17	0	0	4	20	1	0																						
SOUTH HACKENSACK TWP	19	11	0	23	2	3	2	25	5	0																						
TEANECK TWP	271	252	0	312	89	25	97	470	45	8																						
TENAFLY BORO	54	43	0	67	1	7	22	94	2	1																						
TETERBORO BORO	1	2	0	2	0	1	0	3	0	0																						
TOTAL	201	166	0	114	99	80	32	174	172	39	47	147	47	72	215	194	95	153	137	104	235	103	106	107	2	185	154	21	30	523	97	3

TABLE-22 (CONTINUED)
1987

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE			LEGITIMACY			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
UPPER SADDLE RIVER BORO	58	28	30	0	48	0	2	8	56	1	1
WALDWICK BORO	136	69	67	0	128	1	5	2	128	8	0
WALLINGTON BORO	147	74	73	0	132	6	6	3	132	15	0
WASHINGTON TWP	97	52	45	0	90	1	1	5	95	2	0
WESTWOOD BORO	137	68	69	0	117	8	3	9	128	9	0
WOOD-RIDGE BORO	77	36	41	0	73	2	0	2	76	1	0
WOODCLIFF LAKE BORO	53	26	27	0	47	0	1	5	51	1	1
WYCKOFF TWP	169	83	86	0	159	0	3	7	165	4	0
*TOTAL BERGEN	9711	5031	4680	0	8002	485	430	794	9005	664	42

TABLE-22 (CONTINUED)
1987

BURLINGTON COUNTY

PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY	
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
BASS RIVER TWP	16	12	0	26	0	2	0	24	4
BEVERLY CITY	44	40	0	64	16	4	0	63	21
BORDENTOWN CITY	16	19	0	31	4	0	0	29	6
BORDENTOWN TWP	70	70	0	122	16	1	1	114	26
BURLINGTON CITY	106	112	0	153	64	1	0	148	70
BURLINGTON TWP	88	75	0	124	35	3	1	112	51
CHESTERFIELD TWP	23	10	0	32	1	0	0	32	1
CINNAMINSON TWP	71	56	0	117	8	2	0	109	18
DELANCO TWP	32	25	0	55	1	0	1	49	7
DELRAN TWP	61	80	0	124	14	2	1	126	15
EASTAMPTON TWP	25	34	0	55	4	0	0	53	6
EDGEWATER PARK TWP	54	49	0	79	20	4	0	78	25
EVEESHAM TWP	253	261	0	486	12	10	6	495	18
FIELDSBORO BORO	2	2	0	2	2	0	0	2	2
FLORENCE TWP	75	81	0	146	9	1	0	131	25
HAINESPORT TWP	16	19	0	32	2	0	1	26	9
LUMBERTON TWP	33	24	0	44	9	4	0	45	12
MANSFIELD TWP	18	13	0	31	0	0	0	29	2
MAPLE SHADE TWP	142	133	0	241	21	11	2	220	55
MEDFORD LAKES BORO	28	19	0	45	0	2	0	44	3
MEDFORD TWP	131	115	0	243	0	2	1	230	16
MOORESTOWN TWP	87	81	0	154	12	1	1	155	12
MOUNT HOLLY TWP	172	134	0	257	45	2	2	212	94
MOUNT LAUREL TWP	187	158	0	313	26	5	1	324	21
NEW HANOVER TWP	108	107	0	131	78	6	0	193	22
NORTH HANOVER TWP	67	52	0	89	29	1	0	106	13
PALMYRA BORO	59	57	0	104	9	2	1	99	17
PEMBERTON BORO	13	13	0	20	6	0	0	13	13
PEMBERTON TWP	266	263	0	400	112	17	0	355	173
RIVERSIDE TWP	60	67	0	122	4	0	1	113	14
RIVERTON BORO	15	12	0	26	0	1	0	24	3
TOTAL	28	28	0	28	0	2	0	24	4
	84	84	0	64	16	4	0	63	21
	35	35	0	31	4	0	0	29	6
	140	140	0	122	16	1	1	114	26
	218	218	0	153	64	1	0	148	70
	163	163	0	124	35	3	1	112	51
	33	33	0	32	1	0	0	32	1
	127	127	0	117	8	2	0	109	18
	57	57	0	55	1	0	1	49	7
	141	141	0	124	14	2	1	126	15
	59	59	0	55	4	0	0	53	6
	103	103	0	79	20	4	0	78	25
	514	514	0	486	12	10	6	495	18
	4	4	0	2	2	0	0	2	2
	156	156	0	146	9	1	0	131	25
	35	35	0	32	2	0	1	26	9
	57	57	0	44	9	4	0	45	12
	31	31	0	31	0	0	0	29	2
	275	275	0	241	21	11	2	220	55
	47	47	0	45	0	2	0	44	3
	246	246	0	243	0	2	1	230	16
	168	168	0	154	12	1	1	155	12
	306	306	0	257	45	2	2	212	94
	345	345	0	313	26	5	1	324	21
	215	215	0	131	78	6	0	193	22
	119	119	0	89	29	1	0	106	13
	116	116	0	104	9	2	1	99	17
	26	26	0	20	6	0	0	13	13
	529	529	0	400	112	17	0	355	173
	127	127	0	122	4	0	1	113	14
	27	27	0	26	0	1	0	24	3

TABLE-22 (CONTINUED)
1987

BURLINGTON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE			LEGITIMACY			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN	
SHAMONG TWP	52	20	32	0	51	1	0	0	50	2	0
SOUTHAMPTON TWP	121	70	51	0	120	0	1	0	106	15	0
SPRINGFIELD TWP	31	16	15	0	30	1	0	0	28	3	0
TABERNACLE TWP	65	31	34	0	63	0	1	1	60	5	0
WASHINGTON TWP	13	6	7	0	13	0	0	0	12	1	0
WESTAMPTON TWP	100	52	48	0	91	9	0	0	85	15	0
WILLINGBORO TWP	513	267	246	0	211	287	7	8	333	179	1
WOODLAND TWP	12	8	4	0	11	1	0	0	11	1	0
WRIGHTSTOWN BORO	35	19	16	0	23	10	2	0	27	8	0
*TOTAL BURLINGTON	5473	2827	2646	0	4481	868	95	29	4465	1003	5

TABLE-22 (CONTINUED)
1987

CAMDEN COUNTY

PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY		
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AUDUBON BORO	59	60	0	118	0	1	0	115	4	0
AUDUBON PARK BORO	4	6	0	10	0	0	0	8	2	0
BARRINGTON BORO	47	36	0	81	1	0	1	68	15	0
BELLMAWR BORO	66	95	0	159	1	0	1	122	39	0
BERLIN BORO	109	78	0	170	13	4	0	146	41	0
BERLIN TWP	30	29	0	52	4	1	2	48	11	0
BROOKLAWN BORO	13	4	0	16	1	0	0	12	5	0
CAMDEN CITY	1224	1136	0	984	1335	29	12	651	1708	1
CHERRY HILL TWP	394	402	0	731	18	31	16	747	44	5
CHESILHURST BORO	12	7	0	5	14	0	0	12	7	0
CLEMENTON BORO	97	84	0	163	13	2	3	143	38	0
COLLINGSWOOD BORO	108	116	0	215	7	1	1	187	36	1
GIBBSBORO BORO	22	20	0	40	2	0	0	38	4	0
GLOUCESTER CITY	115	97	0	209	3	0	0	152	59	1
GLOUCESTER TWP	317	302	0	586	26	3	4	524	94	1
HADDON HEIGHTS BORO	56	53	0	106	1	0	2	97	11	1
HADDON TWP	123	102	0	223	1	1	1	208	15	2
HADDONFIELD BORO	52	55	0	105	1	1	0	106	1	0
HI-NELLA BORO	8	16	0	22	2	0	0	16	8	0
LAUREL SPRINGS BORO	43	42	0	83	1	1	0	70	14	1
LAWNSIDE BORO	10	23	0	3	30	0	0	14	19	0
LINDENWOLD BORO	205	184	0	305	74	6	4	302	87	0
MAGNOLIA BORO	47	43	0	75	14	1	0	66	24	0
MERCHANTVILLE BORO	24	31	0	53	1	1	0	50	5	0
MOUNT EPHRAIM BORO	29	22	0	49	1	1	0	39	12	0
OAKLYN BORO	43	38	0	80	0	1	0	72	8	1
PENNSAUKEN TWP	278	264	0	456	78	6	2	429	111	2
PINE HILL BORO	100	76	0	162	14	0	0	140	36	0
RUNNEMEDE BORO	69	49	0	112	5	1	0	96	22	0
SOMERDALE BORO	48	70	0	103	13	2	0	94	24	0
STRATFORD BORO	66	63	0	112	15	2	0	106	23	0

TABLE-22 (CONTINUED)
1987

CAMDEN COUNTY

PLACE OF RESIDENCE	SEX		RACE			LEGITIMACY					
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN	
TOTAL	345	172	173	0	322	15	6	2	327	17	1
VOORHEES TWP	191	89	102	0	174	16	0	1	161	30	0
WATERFORD TWP	493	230	263	0	399	91	1	2	423	70	0
WINSLOW TWP	50	17	33	0	48	2	0	0	30	20	0
WOOD-LYNNE BORO											
*TOTAL CAMDEN	8500	4326	4174	0	6531	1813	102	54	5819	2664	17

TABLE-22 (CONTINUED)
1987

CAPE MAY COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AVALON BORO	20	9	11	0	20	0	0	0	18	2	0
CAPE MAY CITY	74	31	43	0	62	11	1	0	61	13	0
CAPE MAY POINT BORO	5	0	5	0	5	0	0	0	4	1	0
DENNIS TWP	85	36	49	0	83	1	1	0	77	8	0
LOWER TWP	285	145	140	0	281	2	2	0	224	61	0
MIDDLE TWP	201	96	105	0	180	21	0	0	163	38	0
NORTH WILDWOOD CITY	70	32	38	0	69	1	0	0	53	17	0
OCEAN CITY	171	84	87	0	161	10	0	0	149	22	0
SEA ISLE CITY	38	23	15	0	38	0	0	0	35	2	1
STONE HARBOR BORO	10	5	5	0	9	1	0	0	8	2	0
UPPER TWP	139	78	61	0	138	1	0	0	126	13	0
WEST CAPE MAY BORO	16	10	6	0	15	1	0	0	12	3	1
WEST WILDWOOD BORO	3	3	0	0	3	0	0	0	2	1	0
WILDWOOD CITY	103	46	57	0	77	26	0	0	55	48	0
WILDWOOD CREST BORO	30	10	20	0	30	0	0	0	23	7	0
WOODBINE BORO	48	19	29	0	30	18	0	0	21	27	0
*TOTAL CAPE MAY	1298	627	671	0	1201	93	4	0	1031	265	2

TABLE-22 (CONTINUED)
1987

CUMBERLAND COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BRIDGETON CITY	453	237	216	0	238	206	5	4	196	257	0
COMMERCIAL TWP	74	31	43	0	48	26	0	0	37	37	0
DEERFIELD TWP	33	21	12	0	28	5	0	0	23	10	0
DOWNE TWP	21	10	11	0	16	5	0	0	12	9	0
FAIRFIELD TWP	77	38	39	0	31	45	0	1	32	45	0
GREENWICH TWP	6	2	4	0	4	1	1	0	4	1	1
HOPEWELL TWP	32	19	13	0	28	4	0	0	25	7	0
LAWRENCE TWP	36	14	22	0	24	10	2	0	22	14	0
MAURICE RIVER TWP	44	24	20	0	44	0	0	0	31	13	0
MILLVILLE CITY	454	234	220	0	383	64	5	2	277	177	0
SHILOH BORO	11	4	7	0	10	0	1	0	9	2	0
STOW CREEK TWP	11	4	7	0	10	1	0	0	10	1	0
UPPER DEERFIELD TWP	95	55	40	0	76	17	1	1	68	27	0
VINELAND CITY	831	416	415	0	704	108	6	13	491	340	0
*TOTAL CUMBERLAND	2178	1109	1069	0	1644	492	21	21	1237	940	1

TABLE-22 (CONTINUED)

Births 1987

ESSEX COUNTY	PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
	TOTAL	444	200	0	391	23	20	10	391	53	0
	BELLEVILLE TOWN	244	200	0	391	23	20	10	391	53	0
	BLOOMFIELD TOWN	312	261	0	511	39	9	14	517	55	1
	CALDWELL BORO	56	45	0	100	1	0	0	98	2	1
	CEDAR GROVE TWP	68	73	0	129	2	9	1	138	3	0
	EAST ORANGE CITY	777	756	0	111	1404	5	13	618	913	2
	ESSEX FIELDS BORO	12	8	0	19	1	0	0	18	2	0
	FAIRFIELD BORO	33	25	0	58	0	0	0	56	2	0
	GLEN RIDGE BORO	47	60	0	96	3	0	8	105	2	0
	IRVINGTON TOWN	592	522	0	280	810	7	17	543	568	3
	LIVINGSTON TWP	112	129	0	216	4	15	6	239	2	0
	MAPLEWOOD TWP	175	145	0	256	30	9	25	301	19	0
	MILLBURN TWP	91	77	0	153	1	4	10	164	3	1
	MONTCLAIR TOWN	279	224	0	290	154	11	48	401	99	3
	NEWARK CITY	3048	2966	0	2211	3711	46	46	2224	3788	2
	NORTH CALDWELL BORO	47	23	0	41	0	2	4	46	0	1
	NUTLEY TOWN	167	147	0	287	5	8	14	290	23	1
	ORANGE CITY	330	284	0	134	460	9	11	332	282	0
	ROSELAND BORO	21	21	0	40	0	1	1	40	2	0
	SOUTH ORANGE VIL	70	71	0	102	26	3	10	134	5	2
	VERONA BORO	85	82	0	150	4	6	7	158	9	0
	WEST CALDWELL BORO	71	70	0	133	1	4	3	136	4	1
	WEST ORANGE TOWN	256	203	0	396	24	20	19	433	26	0
	*TOTAL ESSEX	6870	6392	0	6104	6703	188	267	7382	5862	18

TABLE-22 (CONTINUED)
1987

GLOUCESTER COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CLAYTON BORO	100	50	50	0	83	17	0	0	72	28	0
DEPTFORD TWP	243	132	110	1	223	20	0	0	193	50	0
EAST GREENWICH TWP	66	32	34	0	64	1	0	1	60	6	0
ELK TWP	47	18	29	0	41	6	0	0	40	7	0
FRANKLIN TWP	175	93	82	0	162	12	0	1	137	38	0
GLASSBORO BORO	218	118	100	0	148	66	3	1	133	85	0
GREENWICH TWP	68	38	30	0	64	3	1	0	60	8	0
HARRISON TWP	76	41	35	0	69	5	0	2	64	12	0
LOGAN TWP	38	21	17	0	34	3	1	0	37	1	0
MANTUA TWP	238	117	121	0	225	12	1	0	214	24	0
MONROE TWP	408	219	189	0	344	60	2	2	318	89	1
NATIONAL PARK BORO	46	25	21	0	45	0	1	0	39	7	0
NEWFIELD BORO	78	36	42	0	64	14	0	0	62	16	0
PAULSBORO BORO	116	63	53	0	84	32	0	0	61	55	0
PITMAN BORO	125	62	62	1	124	0	1	0	107	18	0
SOUTH HARRISON TWP	15	7	8	0	15	0	0	0	15	0	0
SWEDESBORO BORO	81	44	37	0	60	13	4	4	74	7	0
WASHINGTON TWP	389	213	176	0	376	7	3	3	356	31	2
WENONAH BORO	66	29	37	0	61	3	0	2	57	9	0
WEST DEPTFORD TWP	207	116	91	0	189	17	1	0	183	24	0
WESTVILLE BORO	111	53	58	0	101	10	0	0	76	35	0
WOODBURY CITY	213	113	100	0	180	32	0	1	153	60	0
WOODBURY HEIGHTS BORO	51	30	21	0	44	7	0	0	43	8	0
WOOLWICH TWP	15	7	8	0	13	2	0	0	13	2	0
*TOTAL GLOUCESTER	3190	1677	1511	2	2813	342	18	17	2567	620	3

TABLE-22 (CONTINUED)
1987

HUDSON COUNTY

PLACE OF RESIDENCE	SEX		RACE				LEGITIMACY			
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN		
BAYONNE CITY	361	336	0	605	56	13	23	568	128	1
EAST NEWARK BORO	24	12	0	35	1	0	0	30	6	0
GUTTENBERG TOWN	70	72	0	105	2	4	31	120	22	0
HARRISON TOWN	98	93	0	176	3	7	5	162	29	0
HOBOKEN CITY	232	226	0	307	88	15	48	310	144	4
JERSEY CITY	2166	2100	0	2244	1612	241	169	2372	1880	14
KEARNY TOWN	250	220	0	443	6	13	8	398	71	1
NORTH BERGEN TWP	327	319	0	567	18	27	34	555	90	1
SECAUCUS TOWN	85	79	0	142	1	5	16	147	15	2
UNION CITY	447	491	0	825	59	12	42	661	273	4
WEEHAWKEN TWP	90	88	0	140	13	7	18	125	51	2
WEST NEW YORK TOWN	296	268	0	489	40	12	23	439	124	1
*TOTAL HUDSON	4446	4304	0	6078	1899	356	417	5887	2833	30

TABLE-22 (CONTINUED)
1987

HUNTERDON COUNTY

PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY	
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
ALEXANDRIA TWP	29	26	0	55	0	0	0	51	4
BETHELEM TWP	23	18	0	41	0	0	0	39	2
BLOOMSBURY BORO	10	3	0	13	0	0	0	11	2
CALIFON BORO	11	13	0	24	0	0	0	23	1
CLINTON TOWN	17	15	0	27	3	1	1	28	4
CLINTON TWP	60	52	0	102	5	2	3	104	8
DELAWARE TWP	24	20	0	43	0	1	0	43	1
EAST ANWELL TWP	36	30	0	66	0	0	0	64	2
FLEMINGTON BORO	55	46	0	94	2	4	1	94	7
FRANKLIN TWP	17	22	0	39	0	0	0	38	1
FRENCHTOWN BORO	13	14	0	27	0	0	0	23	4
GLEN GARDNER BORO	13	15	0	28	0	0	0	25	3
HAMPTON BORO	12	13	0	23	2	0	0	25	0
HIGH BRIDGE BORO	33	40	0	73	0	0	0	73	0
HOLLAND TWP	26	27	0	53	0	0	0	53	0
KINGWOOD TWP	25	25	0	50	0	0	0	46	4
LAMBERTVILLE CITY	23	31	0	52	1	0	1	50	4
LEBANON BORO	8	6	0	14	0	0	0	12	2
LEBANON TWP	53	49	0	101	0	0	1	91	11
MILFORD BORO	14	5	0	19	0	0	0	17	2
RARITAN TWP	105	99	0	197	2	5	0	195	9
READINGTON TWP	71	79	0	145	0	3	2	140	9
STOCKTON BORO	5	7	0	12	0	0	0	12	0
TEWKSBURY TWP	26	19	0	42	1	1	1	45	0
UNION TWP	16	22	0	36	2	0	0	34	4
WEST ANWELL TWP	12	13	0	24	1	0	0	23	2
*TOTAL HUNTERDON	737	709	0	1400	19	17	10	1359	86
	1446								1

TABLE-22 (CONTINUED)
1987

MERCER COUNTY	PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN	
		TOTAL									
	EAST WINDSOR TWP	220	96	0	198	14	5	3	208	12	0
	EWING TWP	395	191	0	322	64	7	2	324	70	1
	HAMILTON TWP	1078	522	0	975	84	16	3	938	140	0
	HIGHTSTOWN BORO	95	47	0	83	9	2	1	79	16	0
	HOPEWELL BORO	21	14	0	21	0	0	0	20	1	0
	HOPEWELL TWP	124	58	0	122	0	2	0	119	5	0
	LAWRENCE TWP	280	134	0	252	20	5	3	257	23	0
	PENNINGTON BORO	27	13	0	26	1	0	0	26	1	0
	PRINCETON BORO	130	52	0	104	17	4	5	117	13	0
	PRINCETON TWP	119	63	0	101	11	5	2	110	9	0
	TRENTON CITY	2078	1029	0	876	1173	23	6	806	1271	1
	WASHINGTON TWP	83	38	0	81	1	0	1	80	3	0
	WEST WINDSOR TWP	124	59	0	113	2	6	3	119	5	0
	*TOTAL MERCER	4774	2316	0	3274	1396	75	29	3203	1569	2

TABLE-22 (CONTINUED)
1987

MIDDLESEX COUNTY	PLACE OF RESIDENCE	TOTAL	SEX		RACE			LEGITIMACY				
			MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
	CARTERET BORO	270	133	137	0	235	28	6	1	208	62	0
	CRANBURY TWP	65	37	28	0	52	8	1	4	56	9	0
	DUNELLEN BORO	109	49	60	0	104	4	1	0	95	14	0
	EAST BRUNSWICK TWP	548	279	269	0	469	26	23	30	521	25	2
	EDISON TWP	1376	711	665	0	1125	91	108	52	1271	101	4
	HELMETTA BORO	19	11	8	0	19	0	0	0	18	1	0
	HIGHLAND PARK BORO	205	105	100	0	168	29	6	2	190	14	1
	JAMESBURG BORO	138	68	70	0	122	13	1	2	113	25	0
	METUCHEN BORO	190	100	90	0	169	11	4	6	172	18	0
	MIDDLESEX BORO	196	105	91	0	184	6	3	3	181	15	0
	MILLTOWN BORO	113	55	58	0	112	0	1	0	108	5	0
	MONROE TWP	173	78	95	0	165	4	3	1	158	15	0
	NEW BRUNSWICK CITY	623	314	309	0	320	292	5	6	329	293	1
	NORTH BRUNSWICK TWP	372	192	180	0	304	50	12	6	329	42	1
	OLD BRIDGE TWP	684	360	324	0	598	18	24	44	636	48	0
	PERTH AMBOY CITY	835	429	406	0	750	77	3	5	534	301	0
	PISCATAWAY TWP	639	303	336	0	448	109	64	18	576	61	2
	PLAINSBORO TWP	208	107	101	0	170	26	8	4	194	14	0
	SAYREVILLE BORO	491	253	238	0	439	20	12	20	453	35	3
	SOUTH AMBOY CITY	219	118	101	0	207	5	2	5	187	32	0
	SOUTH BRUNSWICK TWP	365	194	171	0	320	25	13	7	341	23	1
	SOUTH PLAINFIELD BORO	300	152	148	0	264	22	13	1	278	22	0
	SOUTH RIVER BORO	206	98	108	0	185	17	2	2	178	28	0
	SPOTSWOOD BORO	74	41	33	0	68	1	2	3	65	9	0
	WOODBRIE TWP	1120	575	545	0	987	54	36	43	1034	84	2
	*TOTAL MIDDLESEX	9538	4867	4671	0	7984	936	353	265	8225	1296	17

TABLE-22 (CONTINUED)
1987

MONMOUTH COUNTY

PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY	
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
ABERDEEN TWP	120	107	0	178	25	10	14	188	37
ALLENHURST BORO	13	4	0	17	0	0	0	17	0
ALLENTOWN BORO	17	14	0	27	3	0	1	27	4
ASBURY PARK CITY	201	199	0	125	269	6	0	173	227
ATLANTIC HIGHLANDS BORO	72	59	0	118	10	1	2	111	20
AVON-BY-THE-SEA BORO	18	12	0	30	0	0	0	28	2
BELMAR BORO	44	37	0	71	9	1	0	55	25
BRADLEY BEACH BORO	46	37	0	76	6	0	1	68	15
BRIELLE BORO	27	11	0	36	2	0	0	32	6
COLTS NECK TOWNSHIP	40	43	0	75	2	1	5	77	6
DEAL BORO	14	17	0	21	0	0	10	30	1
EATONTOWN BORO	172	146	0	241	50	23	4	285	33
ENGLISHTOWN BORO	59	29	0	51	2	1	5	52	7
FAIR HAVEN BORO	31	44	0	72	2	0	1	69	6
FARMINGDALE BORO	24	30	0	51	3	0	0	48	6
FREEHOLD BORO	92	77	0	135	26	3	5	124	45
FREEHOLD TWP	154	149	0	262	22	6	13	268	34
HAZLET TWP	116	134	0	237	2	6	5	233	16
HIGHLANDS BORO	43	45	0	88	0	0	0	71	17
HOLMDEL TWP	41	42	0	70	1	4	8	78	5
HOWELL TWP	324	296	0	561	17	18	24	590	29
INTERLAKEN BORO	3	1	0	4	0	0	0	3	1
KEANSBURG BORO	120	105	0	216	3	0	6	172	53
KEYPORT BORO	75	78	0	135	13	1	4	131	21
LITTLE SILVER BORO	23	31	0	52	0	0	2	54	0
LOCH ARBOUR VILLAGE	1	0	0	1	0	0	0	1	0
LONG BRANCH CITY	287	266	0	408	134	9	2	382	171
MANALAPAN TWP	125	125	0	218	7	11	14	237	13
MANASQUAN BORO	70	56	0	100	2	1	23	117	7
MARLBORO TWP	156	165	0	269	1	13	38	312	9
MATAWAN BORO	117	117	0	192	22	5	15	210	22
TOTAL	227	227	0	178	25	10	14	188	37
	17	4	0	17	0	0	0	17	0
	31	14	0	27	3	0	1	27	4
	400	199	0	125	269	6	0	173	227
	131	59	0	118	10	1	2	111	20
	30	12	0	30	0	0	0	28	2
	81	37	0	71	9	1	0	55	25
	83	37	0	76	6	0	1	68	15
	38	11	0	36	2	0	0	32	6
	83	43	0	75	2	1	5	77	6
	31	17	0	21	0	0	10	30	1
	318	146	0	241	50	23	4	285	33
	59	29	0	51	2	1	5	52	7
	75	44	0	72	2	0	1	69	6
	54	30	0	51	3	0	0	48	6
	169	77	0	135	26	3	5	124	45
	303	149	0	262	22	6	13	268	34
	250	134	0	237	2	6	5	233	16
	88	45	0	88	0	0	0	71	17
	83	42	0	70	1	4	8	78	5
	620	296	0	561	17	18	24	590	29
	4	1	0	4	0	0	0	3	1
	225	105	0	216	3	0	6	172	53
	153	78	0	135	13	1	4	131	21
	54	31	0	52	0	0	2	54	0
	1	0	0	1	0	0	0	1	0
	553	266	0	408	134	9	2	382	171
	250	125	0	218	7	11	14	237	13
	126	56	0	100	2	1	23	117	7
	321	165	0	269	1	13	38	312	9
	234	117	0	192	22	5	15	210	22

TABLE-22 (CONTINUED)
1987

MONMOUTH COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
MIDDLETOWN TWP	786	395	391	0	723	16	21	26	730	54	2
MILLSTONE TWP	52	24	28	0	50	0	1	1	50	2	0
MONMOUTH BEACH BORO	39	19	20	0	36	0	1	2	37	2	0
NEPTUNE CITY BORO	105	55	50	0	81	19	5	0	89	16	0
NEPTUNE TWP	434	234	200	0	264	164	5	1	287	147	0
OCEAN TWP	320	160	160	0	268	33	15	4	294	25	1
OCEANPORT BORO	91	48	43	0	82	6	2	1	85	5	1
RED BANK BORO	227	127	100	0	154	67	2	4	155	71	1
ROOSEVELT BORO	14	7	7	0	13	0	0	1	14	0	0
RUMSON BORO	74	43	31	0	69	1	2	2	72	2	0
SEA BRIGHT BORO	19	13	6	0	18	0	1	0	15	4	0
SEA GIRT BORO	19	10	9	0	19	0	0	0	18	1	0
SHREWSBURY BORO	40	19	21	0	36	1	2	1	37	3	0
SHREWSBURY TWP	21	11	10	0	19	1	1	0	19	2	0
SOUTH BELMAR BORO	21	12	9	0	18	3	0	0	16	5	0
SPRING LAKE BORO	25	11	14	0	24	0	0	1	21	4	0
SPRING LAKE HEIGHTS BORO	49	25	24	0	48	1	0	0	48	1	0
TINTON FALLS BORO	140	75	65	0	110	27	1	2	127	12	1
UNION BEACH BORO	112	53	59	0	108	1	0	3	95	17	0
UPPER FREEHOLD TWP	47	26	21	0	46	1	0	0	41	6	0
WALL TWP	231	124	107	0	228	1	0	2	213	17	1
WEST LONG BRANCH BORO	62	28	34	0	59	1	1	1	60	2	0
*TOTAL MONMOUTH	8020	4135	3885	0	6610	976	180	254	6766	1236	18

TABLE-22 (CONTINUED)
1987

MORRIS COUNTY

PLACE OF RESIDENCE	SEX		RACE				LEGITIMACY		
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
BOONTON TOWN	78	75	0	140	7	5	1	141	11
BOONTON TWP	18	16	0	32	0	2	0	31	3
BUTLER BORO	50	54	0	101	3	0	0	95	9
CHATHAM BORO	69	78	0	136	1	6	4	146	1
CHATHAM TWP	37	33	0	61	1	2	6	69	1
CHESTER BORO	15	18	0	31	2	0	0	29	3
CHESTER TWP	28	21	0	43	1	1	4	47	2
DENVILLE TWP	92	97	0	180	0	4	5	176	13
DOVER TOWN	152	145	0	282	12	2	1	238	59
EAST HANOVER TWP	40	52	0	85	2	2	3	89	3
FLORHAM PARK BORO	48	37	0	81	1	0	3	34	1
HANOVER TWP	75	60	0	123	2	8	2	129	6
HARDING TWP	15	12	0	27	0	0	0	26	1
JEFFERSON TWP	131	124	0	250	0	5	0	241	14
KINNELON BORO	44	49	0	89	0	1	3	91	1
LINCOLN PARK BORO	92	81	0	166	1	2	4	164	9
MADISON BORO	86	97	0	168	9	3	3	174	9
MENDHAM BORO	22	21	0	42	0	0	1	41	2
MENDHAM TWP	21	28	0	48	0	0	1	48	1
MINE HILL TWP.	17	27	0	42	1	1	0	44	0
MONTVILLE TWP	78	79	0	147	1	1	8	149	5
MORRIS PLAINS BORO	41	53	0	85	1	6	2	89	4
MORRIS TWP	66	75	0	124	8	3	6	132	9
MORRISTOWN TOWN	211	166	0	277	75	6	19	278	98
MOUNT ARLINGTON BORO	16	23	0	37	0	1	1	38	1
MOUNT OLIVE TWP	174	181	0	336	8	7	4	332	23
MOUNTAIN LAKES BORO	24	21	0	44	0	0	1	44	1
NETCONG BORO	30	35	0	65	0	0	0	55	10
PARSIPPANY-TROY HILLS TWP	296	281	0	507	26	39	5	534	42
PASSAIC TWP	49	57	0	100	1	1	4	102	4
PEQUANNOCK TWP	62	74	0	134	1	1	0	128	7
TOTAL	153	153	0	140	7	5	1	141	11
	34	18	0	32	0	2	0	31	3
	104	50	0	101	3	0	0	95	9
	147	69	0	136	1	6	4	146	1
	70	37	0	61	1	2	6	69	1
	33	15	0	31	2	0	0	29	3
	49	28	0	43	1	1	4	47	2
	139	92	0	180	0	4	5	176	13
	297	152	0	282	12	2	1	238	59
	92	40	0	85	2	2	3	89	3
	85	48	0	81	1	0	3	34	1
	135	75	0	123	2	8	2	129	6
	27	15	0	27	0	0	0	26	1
	255	131	0	250	0	5	0	241	14
	93	44	0	89	0	1	3	91	1
	173	92	0	166	1	2	4	164	9
	183	86	0	168	9	3	3	174	9
	43	22	0	42	0	0	1	41	2
	49	21	0	48	0	0	1	48	1
	44	17	0	42	1	1	0	44	0
	157	78	0	147	1	1	8	149	5
	94	41	0	85	1	6	2	89	4
	141	66	0	124	8	3	6	132	9
	377	211	0	277	75	6	19	278	98
	39	16	0	37	0	1	1	38	1
	355	174	0	336	8	7	4	332	23
	45	24	0	44	0	0	1	44	1
	65	30	0	65	0	0	0	55	10
	577	296	0	507	26	39	5	534	42
	106	49	0	100	1	1	4	102	4
	136	62	0	134	1	1	0	128	7

TABLE-22 (CONTINUED)
1987

MORRIS COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN	
RANDOLPH TWP	272	146	126	0	248	8	9	7	258	13	1
RIVERDALE BORO	40	19	21	0	39	0	0	1	37	3	0
ROCKAWAY BORO	58	33	25	0	54	3	1	0	53	5	0
ROCKAWAY TWP	324	177	147	0	311	1	5	7	307	17	0
ROXBURY TWP	301	150	151	0	290	2	7	2	281	20	0
VICTORY GARDENS BORO	3	1	2	0	3	0	0	0	2	1	0
WASHINGTON TWP	189	94	94	1	181	3	3	2	186	3	0
WHARTON BORO	82	37	45	0	78	3	0	1	70	12	0
*TOTAL MORRIS	5616	2834	2781	1	5187	184	134	111	5178	427	11

TABLE-22 (CONTINUED)
1987

OCEAN COUNTY

PLACE OF RESIDENCE	SEX			RACE			LEGITIMACY		
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
	TOTAL								
BARNEGAT LIGHT BORO	3	0	0	2	1	0	0	3	0
BARNEGAT TWP	171	81	0	171	0	0	0	159	12
BAY HEAD BORO	10	6	0	9	0	0	1	8	2
BEACH HAVEN BORO	11	3	0	10	0	0	1	9	2
BEACHWOOD BORO	155	75	0	152	1	1	1	133	22
BERKELEY TWP	209	92	0	205	2	1	1	173	36
BRICK TWP	892	439	0	871	6	8	7	815	76
DOVER TWP	978	482	0	956	12	4	6	854	124
EAGLESWOOD TWP	20	10	0	20	0	0	0	17	3
HARVEY CEDARS BORO	7	4	0	7	0	0	0	6	1
ISLAND HEIGHTS BORO	14	6	0	14	0	0	0	13	1
JACKSON TWP	476	234	0	454	8	3	11	426	49
LACEY TWP	257	128	0	255	0	1	1	239	18
LAKEHURST BORO	57	31	0	40	16	1	0	36	21
LAKESWOOD TWP	1024	484	0	763	145	10	106	822	197
LAVALLETTTE BORO	32	15	0	31	1	0	0	30	2
LITTLE EGG HARBOR TWP	156	82	0	155	0	1	0	136	20
LONG BEACH TWP	25	14	0	25	0	0	0	23	2
MANCHESTER TWP	177	86	0	154	22	1	0	157	20
MANTOLOKING BORO	3	1	0	3	0	0	0	3	0
OCEAN GATE BORO	27	14	0	27	0	0	0	24	3
OCEAN TWP	69	35	0	67	0	1	1	62	7
PINE BEACH BORO	20	10	0	18	1	0	1	16	4
PLUMSTED TWP	97	49	0	93	3	1	0	86	11
POINT PLEASANT BEACH BORO	19	12	0	17	0	0	2	19	0
POINT PLEASANT BORO	260	139	0	259	0	1	0	219	41
SEASIDE HEIGHTS BORO	59	24	0	59	0	0	0	38	21
SEASIDE PARK BORO	21	7	0	21	0	0	0	16	5
SHIP BOTTOM BORO	16	9	0	16	0	0	0	13	3
SOUTH TOMS RIVER BORO	59	39	0	39	20	0	0	34	25
STAFFORD TWP	155	84	0	151	1	0	3	125	30
SURF CITY BORO	10	7	0	10	0	0	0	10	0
TUCKERTON BORO	71	34	0	69	2	0	0	60	11
*TOTAL OCEAN	5560	2824	2736	5143	241	34	142	4784	769

TABLE-22 (CONTINUED)
1987

PASSAIC COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BLOOMINGDALE BORO	95	42	53	0	94	0	0	1	85	10	0
CLIFTON CITY	808	415	393	0	758	17	27	6	749	57	2
HALEDON BORO	97	43	54	0	89	3	4	1	87	10	0
HAWTHORNE BORO	241	121	120	0	231	1	4	5	234	7	0
LITTLE FAL S TWP	114	58	56	0	112	0	1	1	107	7	0
NORTH HALEDON BORO	64	31	33	0	63	0	1	0	62	2	0
PASSAIC CITY	1306	677	629	0	890	351	38	27	802	501	3
PATERSON CITY	3228	1673	1555	0	1984	1141	88	15	1645	1579	4
POMPTON LAYES BORO	126	63	63	0	123	0	2	1	124	1	1
PROSPECT PARK BORO	88	51	37	0	79	5	3	1	79	9	0
RINGWOOD BORO	182	95	87	0	166	9	4	3	165	16	1
TOTOWA BORO	93	41	52	0	91	2	0	0	89	4	0
WANAGUE BORO	144	71	73	0	140	3	1	0	133	10	1
WAYNE TWP	512	248	264	0	482	3	17	10	487	24	1
WEST MILFORD TWP	387	192	195	0	373	3	3	8	356	27	4
WEST PATERSON BORO	147	76	71	0	141	2	3	1	138	9	0
*TOTAL PASSAIC	7632	3897	3735	0	5816	1540	196	80	5342	2273	17

TABLE-22 (CONTINUED)
1987

SALEM COUNTY

PLACE OF RESIDENCE	SEX		RACE			LEGITIMACY			
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLOWAY TWP	17	14	21	7	1	2	26	5	0
CARNEYS POINT TWP	63	48	86	19	0	6	86	25	0
ELMER BORO	14	24	37	1	0	0	31	7	0
ELSINBORO TWP	0	4	4	0	0	0	3	1	0
LOWER ALLOWAY CREEK TWP	3	6	8	1	0	0	8	1	0
MANNINGTON TWP	8	4	5	7	0	0	4	8	0
OLDMANS TWP	16	8	20	3	0	1	18	6	0
PENNS GROVE BORO	38	46	45	39	0	0	39	45	0
PENNSVILLE TWP	87	78	144	13	2	6	119	46	0
PILES GROVE TWP	10	9	10	8	1	0	12	7	0
PITTS GROVE TWP	25	28	45	8	0	0	40	13	0
QUINTON TWP	9	11	16	4	0	0	12	8	0
SALEM CITY	70	85	76	74	0	5	71	83	1
UPPER PITTS GROVE TWP	17	15	30	0	0	2	27	5	0
WOODSTOWN BORO	31	25	43	9	0	4	45	11	0
*TOTAL SALEM	408	405	590	193	4	26	541	271	1

TABLE-22 (CONTINUED)
1987

SOMERSET COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN	
BEDMINSTER TWP	75	39	36	0	72	1	1	1	74	1	0
BERNARDS TWP	218	112	106	0	202	1	4	11	212	4	2
BERNARDSVILLE BORO	46	22	24	0	43	1	1	1	43	2	1
BOUND BROOK BORO	147	76	71	0	139	2	6	0	123	24	0
BRANCHBURG TWP	123	62	61	0	114	1	4	4	118	5	0
BRIDGEWATER TWP	326	177	149	0	304	3	15	4	308	18	0
FAR HILLS BORO	15	8	5	0	15	0	0	0	11	2	0
FRANKLIN TWP	562	276	286	0	383	149	27	3	466	95	1
GREEN BROOK TWP	55	17	38	0	53	0	2	0	53	2	0
HILLSBOROUGH TWP	412	209	203	0	387	8	15	2	402	10	0
MANVILLE BORO	142	82	60	0	140	0	2	0	123	19	0
MILLSTONE BORO	5	1	4	0	5	0	0	0	5	0	0
MONTGOMERY TWP	145	77	68	0	139	1	3	2	141	4	0
NORTH PLAINFIELD BORO	320	166	154	0	299	12	6	3	292	28	0
PEAPACK-GLADSTONE BORO	22	13	9	0	21	0	0	1	20	2	0
RARITAN BORO	51	32	19	0	48	1	1	1	41	10	0
ROCKY HILL BORO	10	5	5	0	10	0	0	0	10	0	0
SOMERVILLE BORO	293	150	143	0	250	32	7	4	255	38	0
SOUTH BOUND BROOK BORO	79	40	39	0	72	6	1	0	63	16	0
WARREN TWP	121	59	62	0	116	0	3	2	118	3	0
WATCHUNG BORO	35	21	14	0	33	0	1	1	34	1	0
*TOTAL SOMERSET	3200	1644	1556	0	2843	218	99	40	2912	284	4

TABLE-22 (CONTINUED)
1987

SUSSEX COUNTY

PLACE OF RESIDENCE	SEX		RACE				LEGITIMACY	
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG UNKN
ANDOVER BORO	8	5	13	0	0	0	11	2
ANDOVER TWP	50	45	95	0	0	0	86	9
BRANCHVILLE BORO	15	6	20	0	0	1	19	2
BYRAM TWP	75	74	146	1	1	1	140	9
FRANKFORD TWP	55	53	106	0	0	2	98	9
FRANKLIN BORO	39	23	62	0	0	0	48	14
FREDON TWP	11	15	26	0	0	0	26	0
GREEN TWP	22	16	36	0	0	2	38	0
HAMBURG BORO	24	22	46	0	0	0	39	7
HAMPTON TWP	28	22	49	0	0	1	47	3
HARDYSTON TWP	42	38	79	0	0	1	72	6
HOPATCONG BORO	160	140	289	2	5	4	281	19
LAFAYETTE TWP	17	10	27	0	0	0	26	1
MONTAGUE TWP	28	18	39	0	0	7	38	7
NEWTON TOWN	53	67	115	1	1	3	96	23
OGDENSBURG BORO	18	14	32	0	0	0	31	1
SANDYSTON TWP	13	10	20	0	0	3	22	0
SPARTA TWP	108	99	201	2	0	4	193	13
STANHOPE BORO	18	24	41	0	0	1	39	3
STILLWATER TWP	30	42	72	0	0	0	67	5
SUSSEX BORO	56	44	87	0	0	13	77	18
VERNON TWP	174	162	302	0	1	33	308	15
WANTAGE TWP	56	50	105	0	0	1	93	12
*TOTAL SUSSEX	1100	999	2008	6	8	77	1895	178
	2099							26

TABLE-22 (CONTINUED)
1987

UNION COUNTY

PLACE OF RESIDENCE	SEX			RACE				LEGITIMACY		
	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BERKELEY HEIGHTS TWP	52	66	0	107	1	8	2	116	2	0
CLARK TWP	63	72	0	129	1	3	2	131	4	0
CRANFORD TWP	161	121	0	265	6	3	8	264	18	0
ELIZABETH CITY	1051	985	0	1481	497	37	21	1304	728	4
FANWOOD BORO	59	68	0	113	4	2	8	121	6	0
GARWOOD BORO	30	28	0	56	0	0	2	57	1	0
HILLSIDE TWP	155	128	1	157	116	7	4	201	83	0
KENILWORTH BORO	48	28	0	71	4	1	0	68	8	0
LINDEN CITY	238	230	0	335	117	8	8	361	105	2
MOUNTAINSIDE BORO	24	34	0	56	0	0	2	58	0	0
NEW PROVIDENCE BORO	81	66	0	141	0	4	2	141	6	0
PLAINFIELD CITY	537	452	0	319	653	10	7	487	500	2
RAHWAY CITY	190	181	0	276	83	8	4	298	71	2
ROSELLE BORO	139	159	0	182	104	6	6	222	76	0
ROSELLE PARK BORO	71	79	0	140	5	5	0	136	14	0
SCOTCH PLAINS TWP	132	112	0	209	20	8	7	228	16	0
SPRINGFIELD TWP	77	62	0	127	4	0	8	132	7	0
SUMMIT CITY	121	130	0	214	13	7	17	239	11	1
UNION TWP	235	251	0	418	51	11	6	438	46	2
WESTFIELD TOWN	179	182	0	330	11	6	14	348	11	2
WINFIELD TWP	14	9	0	22	0	0	1	20	3	0
*TOTAL UNION	3657	3443	1	5148	1690	134	129	5370	1716	15

TABLE-22 (CONTINUED)
1987

WARREN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLAMUCHY TWP	30	19	11	0	28	2	0	0	30	0	0
ALPHA BORO	30	18	12	0	30	0	0	0	24	6	0
BELVIDERE TOWN	52	28	24	0	51	0	0	1	39	13	0
BLAIRSTOWN TWP	68	33	35	0	64	2	0	2	63	4	1
FRANKLIN TWP	36	22	14	0	35	0	0	1	32	4	0
FRELINGHUYSEN TWP	22	12	10	0	22	0	0	0	19	3	0
GREENWICH TWP	27	14	13	0	26	0	0	1	25	2	0
HACKETTSTOWN TOWN	177	88	89	0	169	4	3	1	161	16	0
HARDWICK TWP	13	7	6	0	13	0	0	0	13	0	0
HARMONY TWP	21	9	12	0	21	0	0	0	18	3	0
HOPE TWP	29	22	7	0	29	0	0	0	24	5	0
INDEPENDENCE TWP	61	31	30	0	61	0	0	0	57	4	0
KNOWLTON TWP	38	21	17	0	37	0	0	1	35	3	0
LIBERTY TWP	34	15	19	0	33	0	0	1	31	3	0
LOPATCONG TWP	35	13	22	0	35	0	0	0	33	2	0
MANSFIELD TWP	84	45	39	0	79	3	2	0	75	9	0
OXFORD TWP	40	23	17	0	40	0	0	0	34	6	0
PHILLIPSBURG TOWN	303	166	137	0	290	9	1	3	222	80	1
POHATCONG TWP	48	19	29	0	47	1	0	0	42	6	0
WASHINGTON BORO	71	36	35	0	70	1	0	0	59	12	0
WASHINGTON TWP	122	53	69	0	121	0	0	1	106	16	0
WHITE TWP	34	14	20	0	34	0	0	0	31	3	0
*TOTAL WARREN	1375	708	667	0	1335	22	6	12	1173	200	2

TABLE-22 (CONTINUED)
1987

STATE INST COUNTY	SEX		RACE			LEGITIMACY			
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
PLACE OF RESIDENCE	TOTAL								
N J ST REFORM WOMEN CLINT	1	0	0	1	0	0	0	1	0
*TOTAL STATE INST	1	0	0	1	0	0	0	1	0

MILITARY COUNTY	SEX		RACE			LEGITIMACY				
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN	
PLACE OF RESIDENCE	TOTAL									
FORT DIX	116	57	0	56	47	13	0	104	12	0
FORT MONMOUTH	1	0	0	0	1	0	0	0	1	0
MCGUIRE AIR BASE FORT DIX	73	31	0	52	17	3	1	70	3	0
*TOTAL MILITARY	190	88	0	108	65	16	1	174	16	0

Mortality

1987

TAB-D
MORTALITY

**CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH**

Mortality

1987

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	D-3
STATISTICAL OVERVIEW	D-4
Number of Deaths	
Mortality Rate	
Age Specific Rates	
PRINCIPAL CAUSES OF DEATH	D-5
Leading Causes	
Age Groups	
Diseases of the Heart	
Malignant Neoplasms	
Cerebrovascular Disease	
Accidental Deaths	
Influenza and Pneumonia	
Suicide	
Homicide	
Other Causes	
INFANT, FETAL AND MATERNAL DEATHS	D-8
TABLES	D-13

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Mortality 1987

INTRODUCTION

All mortality statistics provided are data summarized from death certificate items filed with the New Jersey State Registrar. New Jersey vital statistics legislation requires a death certificate to be filed by the proper authority for any death occurring within the state. Deaths to New Jersey residents occurring in other states during the calendar year are recorded in the state of occurrence and are covered in this report. These records are forwarded to the New Jersey State Registrar as part of a national exchange program among the 50 states. The Cooperative Health Statistical System is sponsored by the National Center for Health Statistics. Participation in this system involves the reporting of all deaths occurring in New Jersey and forwarding data for the National Death Index.

All death data are maintained on computer tapes by the Bureau of Vital Statistics. Monthly and annual death tabulations are supplied to the Center for Health Statistics for surveillance and reporting purposes. To maintain confidentiality, all individual identifiers are removed prior to tabulation of any data for statistical purposes.

STATISTICAL OVERVIEW

Number of Deaths

As might be expected with the population of the State increasing by twenty-six percent since 1960, the number of resident deaths has likewise increased. The increase in deaths, however, was not in direct proportion to the population increase, which occurred at a much faster pace. The mortality rate was lower in 1987 than in 1960, 9.3 versus 9.8; nevertheless, the total number of deaths was 20.9% higher than the 1960 total of 59,330. Total resident deaths during 1987 were 71,728, an increase of 429 over 1986. There were 31,578 white male deaths, 30,832 white female deaths, 5,134 nonwhite male deaths, and 4,060 nonwhite female deaths.

Mortality Rate

The mortality rate for the State was 9.3 per 1,000 population. Compared to the nation, the New Jersey rate was slightly higher than the national mortality rate of 8.7 per 1,000 population in 1987.

Distribution across the 21 counties varied from a high of 13.3 per 1,000 population in Ocean County to 7.0 per 1,000 population in Morris County. A ranking by mortality rate indicates that the following ten counties were higher than the State average: Ocean (13.3), Cape May (12.6), Atlantic (11.5), Hudson (10.7), Union (10.4), Salem and Essex (10.1), Bergen, Cumberland and Mercer (9.4).

The New Jersey mortality rate for males (10.0) was higher than the rate for females (8.8). This differential has existed historically. The total white population rate of 9.9 was also higher than the nonwhite rate of 6.9 based on 1,000 deaths per population level. For population groups divided by both race and sex, the highest mortality rate occurred among white males (10.3), and the lowest rate appeared among nonwhite females (5.7).

Age-Specific Rates

Comparisons of age-specific mortality rates for whites and nonwhites show higher mortality rates for nonwhites in age groups under 65 but lower rates for the 65 and above groups. In 1987 the mortality rates for 25-44 year olds were 153.4 per 100,000 for whites versus 398.6 for nonwhites. In the next higher age grouping, 45-64, the rate for whites was 789.0 versus 1,131.7 for nonwhites. The rates for the younger age group were 2.6 times higher for nonwhites, but only 1.4 times higher in the older age groups. Above 65 years of age the nonwhite rate is 0.89 times as high as the mortality rate for whites, 4,632.7 versus 5,185.0. Thus, the chances of surviving another year increase for nonwhites as they age, and elderly nonwhites become more likely to survive than whites.

Age-specific mortality rates for men were higher for all age groups than the corresponding rates for females. In the 15-24 year old age group, the male rate of 110.8 per 100,000 population was more than 2½ times that of the female rate of 42.8 per 100,000 population. The mortality rate for males aged 25-44 (280.0 per 100,000 population) was over twice the rate for females (120.4 per 100,000 population). At ages 45 through 64 males had an age-specific death rate of 1,088.2 per 100,000 population compared to 611.1 per 100,000 for females. The mortality rate for males aged 65 and above was 6,139.4 per 100,000 population compared to 4,500.3 per 100,000 for females.

PRINCIPAL CAUSES OF DEATH

Leading Causes

The ten leading causes of death have remained virtually the same since 1968. In 1987 the leading causes ranked from highest to lowest were: (1) diseases of the heart, (2) malignant neoplasms, (3) cerebrovascular diseases, (4) accidents, (5) pneumonia and influenza, (6) diabetes mellitus, (7) septicemia, (8) chronic liver disease and cirrhosis, (9) nephritis and nephrosis, and (10) diseases of artery, arterioles and capillary.

Deaths caused by diseases of the heart remained approximately at the same level as in 1986 with the mortality rate decreasing by 11.2 points in 1987 to 351.0 per 100,000 population. Malignant neoplasms increased 0.1% from 1986 to 223.2 per 100,000 population in 1987. Combined diseases of the heart and malignant neoplasms, the two major causes of death, continued to account for almost two-thirds of all deaths in the State. Deaths attributable to diabetes mellitus, septicemia, accidental deaths, cardiovascular diseases, chronic liver disease and cerebrovascular diseases increased, while deaths from pneumonia and influenza, and malignancies decreased. Deaths from nephritis and nephrosis remained at the same level from the previous year.

Age Groups

Age group data show that accidents were the leading cause of death for the population aged 1-14; malignant neoplasms ranked second. For those aged 15-24, accidents were also the leading cause, and homicide ranked second. For the age group 25-44, accidents were the leading cause of death and malignant neoplasms ranked second, followed by diseases of the heart, suicide, chronic liver diseases and cirrhosis and homicide. For the age group 45-64 malignant neoplasms were the leading cause of death, followed by heart diseases. For deaths to persons aged 65 years and over, diseases of the heart were the major cause of death, and malignant neoplasms ranked second. Cerebrovascular diseases and pneumonia and influenza ranked third and fourth, respectively.

Diseases of the Heart

Diseases of the heart decreased from 27,601 deaths in 1986 to 26,931 in 1987. This drop reflected a rate decrease from 362.2 to 351.0 deaths per 100,000 population. There were 12,135 deaths of white males in 1987, a slight decrease from the 1986 level of 12,317. Also, total white female deaths decreased from 12,770 in 1986 to 12,260 deaths in 1987. Deaths due to heart diseases among nonwhite males also decreased from 1,267 to 1,251 between 1986 and 1987. For the same period nonwhite female deaths increased by 33 from 1,230 to 1,259 deaths. Diseases of the heart remained the leading cause of death for all races, sixty-five years of age or older and for all males forty-five years and older.

Malignant Neoplasms

Malignant neoplasms were the second leading cause of death in 1987 irrespective of race or sex. The crude mortality rates attributable to malignant neoplasms over the past five years are: 1987 (223.2); 1986 (223.1); 1985 (224.8); 1984 (221.7); and 1983 (221.8). Cancer was the second leading cause of death among white males over 44 years of age and those aged 65 and older. Cancer was the leading cause of death of white women aged 15-64 and the second leading cause of death for those aged 65 and older. Cancer resulted in the second highest death toll among men and women aged 45 and older, and it was the leading cause of female mortality in the age group 25-44. There were 123 more deaths attributable to malignant neoplasms in 1987 than in 1986.

Cerebrovascular Disease

Cerebrovascular diseases remained the third leading cause of death among New Jersey residents, the number of deaths rose after dropping for six consecutive years. Since 1970 the overall trend has been downward. Eighty-four percent of all deaths from cerebrovascular diseases involved persons 65 years old and over. In 1987 the mortality rates reversed direction for both race and sex. In 1986 the nonwhite population and males were more likely to succumb to cerebrovascular disease. However, whites and females historically experienced the higher rates.

Accidental Deaths

The number of accidental deaths increased from 2,176 in 1986 to 2,358 in 1987 and the death rate increased from 28.6 to 30.7 deaths per 100,000. More deaths were attributed to accidents than to any other cause of death among the total population aged 1-44. Accidents were also the leading cause of death among white males in the 25-44 age group.

Influenza and Pneumonia

In 1987 there were 2,131 deaths in this disease category compared to 2,237 in 1986. Mortality rates for influenza and pneumonia had been consistently increasing over the past six years. From 1982 through 1986 they were 20.1, 22.7, 26.1, 28.4, and 29.4 deaths per 100,000 population; however, in 1987, the rate dropped to 27.8. Influenza and pneumonia taken together caused the fourth largest number of deaths among the elderly (aged 65+), accounting for 1,809 (or 84.9%) of the 2,131 total influenza and pneumonia deaths reported in 1987.

Suicide

There were 710 resident suicides in 1987, an increase from 1986 (662). The mortality rate rose to 9.3 per 100,000 from 8.7 in the previous year. The largest number of suicides were by white males, 506. There were 72 white male deaths between the ages of 15 and 24, 185 between the ages of 25 and 44, 109 between the ages of 45 and 64, and 140 for white males aged 65+. Among the nonwhite male population there were 47 deaths. There were 11 recorded for those aged 15-24, 23 for those aged 25-44, and 13 among those 45 years of age and over. By contrast, the highest age-specific suicide deaths for white females were reported for those aged 25 to 44 and 45 to 64--44 and 49 suicides for each of these two age groups, respectively, during 1987. Only 17 suicides were reported among nonwhite women.

Leading Causes of Death
By Age Group for New Jersey Residents
1987

Rank	Age Group					Total
	1-14	15-24	25-44	45-64	65+	
1	Accidents 156	Accidents 403	Accidents 794	Malignant Neoplasms 4,940	Heart Diseases 22,032	Heart Diseases 26,931
2	Malignant Neoplasms 57	Homicide 103	Malignant Neoplasms 713	Heart Diseases 4,257	Malignant Neoplasms 11,352	Malignant Neoplasms 17,123
3	Congenital Anomalies 40	Suicide 97	Heart Diseases 561	Cerebrovascular Diseases 573	Cerebrovascular Diseases 3,768	Cerebrovascular Diseases 4,478
4	Heart Diseases 21	Malignant Neoplasms 57	Suicide 263	Chronic Liver Diseases and Cirrhosis 433	Pneumonia and Influenza 1,809	Accidents 2,358
5	Homicide 14	Heart Diseases 30	Chronic Liver Diseases and Cirrhosis 230	Accidents 372	Diabetes 1,124	Pneumonia and Influenza 2,131
6	Benign and Unspecified Neoplasms 9	Congenital Anomalies 14	Homicide 188	Diabetes 356	Septicemia 847	Diabetes 1,562
7	Pneumonia and Influenza 7	Cerebrovascular Diseases 10	Cerebrovascular Diseases 115	Pneumonia and Influenza 187	Nephritis and Nephrosis 710	Septicemia 1,042
8	Cerebrovascular Diseases 5	Pneumonia and Influenza 10	Pneumonia and Influenza 99	Suicide 173	Accidents 616	Chronic Liver Disease and Cirrhosis 1,038
9	Meningitis 4	Complication of Pregnancy 6	Diabetes 76	Arteries, Arterioles and Capillaries 136	Arteries, Arterioles and Capillaries 601	Nephritis and Nephrosis 894
10	***	Septicemia 4	Septicemia 50	Nephritis and Nephrosis 129	Atherosclerosis 583	Arteries, Arterioles and Capillaries 763
11	***	Diabetes 4	Nephritis and Nephrosis 45	Septicemia 127	Emphysema 367	Suicide 710
12	***	Asthma 4	Congenital Anomalies 26	Homicide 63	Chronic Liver Disease and Cirrhosis 365	Atherosclerosis 635
Residual***	129	166	1,618	1,691	6,908	12,063
Total Deaths	442	908	4,778	13,437	51,082	71,728

* Suicides are the 15th ranking cause of death among those persons aged 65 and above with 176 deaths from suicide in that age group.
 ** Includes persons <1 year of age and persons of unknown age.
 *** Ranking 10-12 not shown for young age groups because of small number of cases in categories.
 **** Deaths from all other causes.

Homicide

Homicide remains a major problem in New Jersey with 406 deaths occurring in 1987. In 1986 there were 459 reported homicides, representing an increase from 435 in 1984 and 447 in 1983. Total homicides and rates per 100,000 population in New Jersey for the three years between 1980 through 1982 were considerably higher, 7.4 and up, than for any previous year. Then the homicide rate declined 18.9% between 1982 and 1983 to 6.0. The homicide rate declined further in 1984 to 5.8, but returned to 6.0 in 1985 and 1986 before dropping to 5.3 in 1987. The highest rate of homicides for white males was in the age group 25-44 for which there were 61 cases or 43.6 percent of all white male homicides. The highest percentage of black male homicides also was in the 25-44 year old age group. There were 73 cases or 49.0 percent of all black male homicides. Nonwhite males recorded the highest overall homicide rate at 24.8 per 100,000 population. This rate was almost five times higher than the 5.3 rate for white males. White females recorded the lowest rate at 1.9 per 100,000 population, while nonwhite females had a homicide rate of 6.3 per 100,000 population, down 34.7% from the 1986 rate of 9.6.

NEW JERSEY HOMICIDE AND LEGAL INTERVENTION 1987

TOTAL		MALE				FEMALE			
No.	Rate	White		Nonwhite		White		Nonwhite	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
406	5.3	140	4.6	155	24.8	61	1.9	45	6.3

NOTE: Total includes 4 males and 1 female of unknown race.
Rates per 100,000 population.

Legal Intervention (ICD-9 Codes E970-E978) includes injuries inflicted by law-enforcing agents, including military on duty, in the course of arresting or attempting to arrest lawbreakers, suppressing disturbances, maintaining order, and other legal action including legal execution.

Other Selected Causes of Deaths

Diabetes mellitus accounted for 1,411 deaths in 1983, 1,415 deaths in 1984, 1,398 deaths in 1985, 1,454 deaths in 1986 and 1,562 deaths in 1987. The 1986 death rate attributable to diabetes was 19.1 per 100,000 population compared to 20.4 per 100,000 population in 1987.

Chronic liver diseases and cirrhosis accounted for 1,038 deaths in 1987, compared with 1,012 deaths in 1986, 1,136 deaths in 1985 and 1,032 deaths in 1984. The death rate attributable to chronic liver disease and cirrhosis fluctuated as follows between 1984 and 1987: 13.7, 15.0, 13.3, and 13.5 per 100,000 population.

Other diseases of the arteries, arterioles and capillaries produced 763 deaths in 1987 compared with 726 deaths in 1986. The mortality rate for these diseases increased to 9.9 deaths per 100,000 population in 1987 from 9.5 in 1986. Deaths from atherosclerosis numbered 635 in 1987 and 626 in 1986. The corresponding rates per 100,000 population were 8.3 and 8.2.

Bronchitis, asthma and emphysema deaths fell from 654 in 1986 to 601 in 1987. The corresponding death rates for these two years were 8.6 and 7.8 per 100,000 population.

INFANT, FETAL AND MATERNAL DEATHS

Infant Deaths

Infant mortality refers to deaths within one year following birth. Its rate is calculated by the number of infant deaths per 1,000 live births. In 1987 the number of infant deaths was 1,057, compared to 1,055 in 1986 and 1,113 in 1985. The infant mortality rate was 9.3 per 1,000 live births in 1987, a decline from 9.7 per 1,000 live births in 1986 and 10.6 per 1,000 live births in 1985. The 1987 infant mortality rate for the United States was 7½ percent higher than that for New Jersey, 10.0 per 1,000 live births. Overall, infant deaths have been on a downward trend since the Department of Health started to collect and maintain statistical records in 1879.

Certain high risk groups can be identified that experience high mortality rates, for example, infants of women who are not white. During 1987 there were 618 white and 415 nonwhite infant deaths, as well as 24 for whom race was unknown. The infant mortality rate for whites was 7.1 per 1,000 live births down from 7.7 in 1986. Among nonwhites the infant mortality rate was almost two and a half times the white rate, 17.8 infant deaths per 1,000 live births in 1986 and 17.6 in 1987.

Infant deaths due to disorders relating to short gestation and unspecified low birthweight were in first place among the top 10 causes of infant deaths. They increased by 43 cases from 106 to 149, or 40.6%, between 1986 and 1987. Overall, of the principal causes of infant mortality only respiratory distress syndrome experienced a decrease in 1987. Second place was claimed by other respiratory conditions of the fetus and newborn and experienced an increase of 0.9 percent. Sudden death, cause unknown, the fourth ranking cause of infant death in 1986, increased by 1 case and ranked third in 1987.

PRINCIPAL CAUSES OF INFANT MORTALITY 1986-1987

CAUSE DESCRIPTION (ICD-9 CODE)	1987		1986		Percent Change
	Rank	Number	Rank	Number	
Disorders relating to short gestation and unspecified low birthweight (765)	1	149	3	106	+40.6
Other Respiratory Conditions of Fetus and Newborn (770)	2	109	2	108	+0.9
Sudden Death, Cause Unknown (SID's) (798)	3	103	4	102	+1.0
Respiratory Distress Syndrome (769)	4	91	1	144	-36.8
Other and Ill-defined Conditions Originating in Perinatal Period (779)	5	87	5	79	+10.1
Other Congenital Anomalies of Heart (746)	6	59	6	50	+18.0
Congenital Anomalies of Respiratory System (748)	7	26	9	25	+4.0
Chromosomal Anomalies (758)	7	26	11	23	+13.0
Fetus or Newborn Affected by Maternal Complications of Pregnancy (761)	7	26	12	19	+36.8

NOTE: ICD-9 Code 779 includes 779.6, termination of pregnancy.

Neonatal Deaths

Statistics show that most infant deaths occur during the first month of life. These infant deaths are referred to as neonatal deaths. In 1987 there were 719 neonatal deaths, an increase of 11 since 1986. The 1987 neonatal mortality rate was 6.3, a decrease of 0.2 per 1,000 live births from the 1986 level of 6.5. New Jersey's 1987 neonatal mortality rate is 0.2 less than the national rate of 6.5 per 1,000 live births. In 1987 there were 426 white and 271 nonwhite neonatal deaths recorded, along with 22 of unknown race. The neonatal mortality rates for whites and nonwhites were 5.3 and 11.2, respectively, in 1986. In 1987 the rates were 4.9 and 11.5, respectively, indicating that the rate for whites decreased by 7.5 percent over this period while the rate among nonwhite mothers increased by 2.7 percent.

Fetal Deaths

A fetal death is defined as a death occurring prior to complete expulsion or extraction of a fetus from its mother as a product of conception. Other commonly used terms are stillbirth and spontaneous abortion. All fetal deaths occurring after the completion of twenty or more weeks of gestation are required by law to be reported to the State Registrar. Thus, induced abortions performed after 19 weeks of gestation are included in these counts of fetal deaths.

The reported number of all fetal deaths and the corresponding fetal death ratio* have declined over the past twenty-five years. In 1960 there were 2,201 fetal deaths with a ratio of 16.6 fetal deaths per 1,000 live births. In 1987 there were 1,263 fetal deaths or 11.2 per 1,000 live births. However, the decline in fetal deaths was achieved by 1975 when 941 fetal deaths were reported, producing a ratio of 10.3. The lowest level of fetal deaths was recorded in 1983; the number of fetal deaths was 839 and the ratio was 8.5 per 1,000 births.

* The number of white fetal deaths increased from 654 in 1984 to 707 in 1985, 766 in 1986 and 795 in 1987. Nonwhite fetal deaths increased from 323 to 407 between 1983 and 1987. The fetal death ratio for the white population increased 46 percent from 6.3 in 1983 to 9.2 per 1,000 live births in 1987. For the nonwhite population, the ratio increased by 11.6 percent from 15.5 in 1983 to 17.3 in 1987.

Perinatal Deaths

Perinatal mortality is a composite statistic used to measure the critical period in human development just prior to birth and shortly thereafter. Perinatal mortality includes all fetal deaths of 20 weeks or more gestation plus neonatal deaths (infant deaths within 28 days of birth). During the last twenty-five years perinatal deaths have declined dramatically. The perinatal mortality ratio in 1960 was 34.6 and has declined to 17.3 in 1987.

*NOTE: Previous issues of this publication erroneously referred to these calculations as rates, even though the Fetal Death Ratio II formula, or an equivalent perinatal death ratio formula, was employed (see Technical Notes Section). Upcoming issues will report actual rates and will adjust the count of fetal deaths by removing induced abortions. If these changes were applied to 1987, the fetal and perinatal death rates would be lower than the corresponding ratios; the fetal death rate was 8.2 and the perinatal death rate was 14.4.

There were 1,982 perinatal deaths in 1987, an increase of 108 from 1986. Consequently, the perinatal mortality ratio increased from 17.1 to 17.3 deaths per 1,000 live births. Perinatal mortality ratios for whites and nonwhites were 14.1 and 29.1 per 1,000 live births, respectively, for 1987. The ratio for whites was a decrease from the 1986 rate of 14.5; the ratio for nonwhites was an increase from 26.0 per 1,000 births.

Maternal Deaths

Maternal deaths have declined dramatically since 1940 when the number of deaths was 172 and the rate was 29.0. In 1987 there were 14 maternal deaths with a corresponding rate of 1.2 per 10,000 live births. The 1985 figure of 3 maternal deaths with a rate of 0.3 was the lowest both in number and rate to date. The previous low occurred in 1981 and 1983: 5 deaths with a rate of 0.5.

TABLES

	<u>Page</u>
1. MORTALITY BY RACE, SEX AND AGE	D-13
2. RESIDENT DEATHS--BY CAUSE GROUP AND AGE, RACE, SEX	D-14
3. RESIDENT DEATHS--MALIGNANT NEOPLASMS BY AGE GROUP	D-26
4. RESIDENT DEATHS--MALIGNANT NEOPLASMS BY RACE AND SEX	D-27
5. RESIDENT DEATHS--BY CAUSE AND COUNTY	D-28
6. RESIDENT DEATHS BY MONTH	D-34
7. RESIDENT DEATHS--BY COUNTY AND AGE	D-35
8. RESIDENT DEATHS--BY COUNTY, SEX AND AGE	D-36
9. RESIDENT DEATHS--BY COUNTY, RACE AND AGE	D-39
10. MATERNAL, INFANT, PERINATAL, NEONATAL AND FETAL DEATHS BY COUNTY, RACE	D-43
11. RESIDENT DEATHS--BY PLACE OF RESIDENCE AND AGE	D-47
12. RESIDENT DEATHS--BY PLACE OF RESIDENCE SEX AND AGE	D-70

**CENTER FOR HEALTH STATISTICS
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TABLE-1

NEW JERSEY
MORTALITY BY RACE, SEX AND AGE: 1973-1987

YEAR	TOTAL Number	TOTAL Rate	RACE		SEX		AGE GROUP						
			White	Nonwhite	Male	Female	1	1-4	5-14	15-24	25-44	45-64	65+
1973	68,631	9.3	61,599	7,031	37,039	31,592	1,644	314	455	1,296	3,464	17,413	44,045
1974	66,797	9.0	59,943	6,804	36,013	30,784	1,582	291	376	1,239	3,308	16,825	43,176
1975	65,422	8.9	58,775	6,647	35,104	30,318	1,434	241	381	1,256	3,176	16,288	42,646
1976	65,276	8.9	58,530	6,746	34,777	30,499	1,366	205	355	1,158	3,065	16,103	43,024
1977	65,646	8.9	58,920	6,726	35,046	30,600	1,355	196	375	1,199	2,978	15,983	43,560
1978	65,161	8.9	58,778	6,683	34,722	30,439	1,145	207	332	1,153	2,898	15,419	44,007
1979	65,495	8.9	58,435	7,008	34,648	30,846	1,223	191	354	1,233	3,104	15,215	44,115
1980	68,762	9.3	61,310	7,384	35,926	32,834	1,201	190	273	1,255	3,125	15,154	47,498
1981	67,053	9.1	59,693	7,259	34,848	32,203	1,016	207	287	1,125	3,234	14,827	46,303
1982	67,471	9.1	59,978	7,451	34,967	32,504	1,153	194	276	1,069	3,166	14,663	46,899
1983	68,626	9.2	60,924	7,669	35,312	33,311	1,115	163	234	967	3,190	14,439	48,485
1984	68,944	9.2	60,955	7,948	35,323	33,616	1,090	170	245	913	3,431	14,067	48,993
1985	70,655	9.3	62,064	8,532	36,600	34,031	1,113	178	213	916	3,870	14,298	50,025
1986	71,299	9.4	62,472	8,767	36,313	34,974	1,055	182	242	919	4,324	13,675	50,856
1987	71,728	9.3	62,414	9,198	36,788	34,936	1,057	205	237	908	4,778	13,437	51,082

Category totals may not add to total given because data of unknown race, sex, and age group are not shown.

RESIDENT DEATHS -- BY CAUSE GROUP AND AGE
ALL RACES, BOTH SEXES
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK	
		<1	1-4	5-14	15-24	25-44	45-64	65+					
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	58	0	0	0	1	15	16	26	0				
TUBERCULOSIS, OTHER FORMS (013-018)	16	0	0	0	1	6	5	3	1				
MENINGOCOCCAL INFECTION (036)	6	3	0	0	1	0	1	1	0				
SEPTICEMIA (038)	1042	11	1	2	4	50	127	847	0				
SYPHILIS & ITS SEQUELAE (090-097)	3	1	0	0	1	0	1	0	0				
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	1139	8	15	9	42	754	191	119	1				
MALIGNANT NEOPLASMS (140-208)	17123	2	21	36	57	713	4940	11352	2				
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	270	1	5	4	1	18	48	193	0				
DIABETES MELLITUS (250)	1562	0	0	2	4	76	356	1124	0				
NUTRITIONAL DEFICIENCIES (260-269)	75	1	1	0	0	4	3	66	0				
ANEMIAS (280-285)	150	1	0	1	3	18	12	115	0				
MENINGITIS (320-322)	44	8	2	2	2	6	8	16	0				
DISEASES OF THE HEART (390-398,402,404-429)	26931	18	11	10	30	561	4257	22032	12				
HYPERTENSION (401,403)	244	0	0	0	1	10	39	194	0				
CEREBROVASCULAR DISEASE (430-438)	4478	6	2	3	10	115	573	3768	1				
ATHEROSCLEROSIS (440)	635	0	0	0	0	1	51	583	0				
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	763	0	0	0	1	25	136	601	0				
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	26	4	0	0	1	4	6	11	0				
PNEUMONIA & INFLUENZA (480-487)	2131	19	5	2	10	99	187	1809	0				
CHRONIC & UNSPEC BRONCHITIS (490-491)	86	0	0	0	3	2	6	75	0				
EMPHYSEMA (492)	426	1	0	1	0	2	55	367	0				
ASTHMA (493)	89	0	0	1	4	13	31	39	1				
ULCER OF STOMACH & DUODENUM (531-533)	200	0	0	0	0	6	26	168	0				
APPENDICITIS (540-543)	18	0	0	0	0	0	4	14	0				
HERNIA & INTESINAL OBSTRUCTION (550-553,560)	159	2	1	0	0	5	16	135	0				
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1038	4	1	1	3	230	433	365	1				
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	89	0	0	0	0	1	8	80	0				
NEPHRITIS & NEPHROSIS (580-589)	894	6	0	1	3	45	129	710	0				
INFECTIONS OF KIDNEY (590)	34	0	0	0	0	0	5	29	0				
HYPERPLASIA OF PROSTRATE (600)	6	0	0	0	0	0	0	6	0				
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	14	0	0	0	6	8	0	0	0				
CONGENITAL ANOMALIES (740-759)	362	238	27	13	14	26	21	23	0				
EARLY INFANT MORTALITY (760-779)	548	544	2	0	0	0	0	0	2				

TABLE-2 (Continued)
ALL RACES, BOTH SEXES
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							65+	UNK
		<1	1-4	5-14	15-24	25-44	45-64	65+		
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	396	114	3	4	17	70	44	144	0	
MOTOR VEHICLE ACCIDENTS (E810-E825)	1019	3	17	50	281	324	170	174	0	
OTHER ACCIDENTS (E800-E807, E826-E949)	1339	12	44	45	122	470	202	442	2	
SUICIDE (E950-E959)	710	0	0	1	97	263	173	176	0	
HOMICIDE & LEGAL INTERVENTION (E960-E978)	406	7	9	5	103	188	63	31	0	
ALL OTHER EXTERNAL CAUSES (E980-E999)	124	0	1	3	21	65	25	9	0	
RESIDUAL	7075	43	37	41	64	585	1069	5235	1	
TOTAL	71728	1057	205	237	908	4778	13437	51082	24	

WHITE - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							65+	UNK
		<1	1-4	5-14	15-24	25-44	45-64	65+		
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	21	0	0	0	0	3	5	13	0	
TUBERCULOSIS, OTHER FORMS (013-018)	1	0	0	0	0	1	0	0	0	
MENINGOCOCCAL INFECTION (036)	3	2	0	0	0	0	0	1	0	
SEPTICEMIA (038)	374	2	1	0	0	12	35	324	0	
INFECTION/PARA DIS (1-3, 5, 20-35, 37, 39-88, 98-139)	433	2	4	4	13	279	78	53	0	
MALIGNANT NEOPLASMS (140-208)	7973	1	5	20	29	260	2208	5449	1	
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	115	1	1	3	1	9	21	79	0	
DIABETES MELLITUS (250)	553	0	0	0	2	33	141	377	0	
NUTRITIONAL DEFICIENCIES (260-269)	23	1	1	0	0	0	2	19	0	
ANEMIAS (280-285)	45	0	0	0	0	2	5	38	0	
MENINGITIS (320-322)	17	3	0	0	0	3	3	8	0	
DISEASES OF THE HEART (390-398, 402, 404-429)	12135	3	7	7	12	281	2582	9239	4	
HYPERTENSION (401, 403)	77	0	0	0	1	4	15	57	0	

TABLE-2 (Continued)

WHITE - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK
		<1	1-4	5-14	15-24	25-44	45-64	65+				
CEREBROVASCULAR DISEASE (430-438)	1552	2	0	0	4	38	233	1274	1			
ATHEROSCLEROSIS (440)	218	0	0	0	0	1	26	191	0			
ARTERY/ARTERIOLES & CAPILLARY DIS (441-448)	416	0	0	0	1	10	74	331	0			
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	12	2	0	0	1	1	2	6	0			
PNEUMONIA & INFLUENZA (480-487)	842	4	1	1	3	36	77	720	0			
CHRONIC & UNSPEC BRONCHITIS (490-491)	38	0	0	0	2	1	3	32	0			
EMPHYSEMA (492)	222	0	0	0	0	0	22	200	0			
ASTHMA (493)	22	0	0	0	0	3	6	13	0			
ULCER OF STOMACH & DUODENUM (531-533)	94	0	0	0	0	4	16	74	0			
APPENDICITIS (540-543)	7	0	0	0	0	0	2	5	0			
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	56	1	0	0	0	3	4	48	0			
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	537	0	0	1	1	95	242	198	0			
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	41	0	0	0	0	1	5	35	0			
NEPHRITIS & NEPHROSIS (580-589)	348	1	0	0	1	11	51	284	0			
INFECTIONS OF KIDNEY (590)	6	0	0	0	0	0	1	5	0			
HYPERPLASIA OF PROSTATE (600)	6	0	0	0	0	0	0	6	0			
CONGENITAL ANOMALIES (740-759)	132	79	10	4	7	14	13	5	0			
EARLY INFANT MORTALITY (760-779)	175	172	2	0	0	0	0	0	1			
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	144	29	1	0	6	31	19	58	0			
MOTOR VEHICLE ACCIDENTS (E810-E825)	601	1	6	26	181	198	99	90	0			
OTHER ACCIDENTS (E800-E807,E826-E949)	661	4	15	17	74	268	104	179	0			
SUICIDE (E950-E959)	506	0	0	0	72	185	109	140	0			
HOMICIDE & LEGAL INTERVENTION(E960-E978)	140	3	2	2	32	61	27	13	0			
ALL OTHER EXTERNAL CAUSES (E980-E999)	65	0	0	2	12	35	11	5	0			
RESIDUAL	2967	12	16	17	24	223	483	2192	0			
*TOTAL DEATHS WHITE - MALE	31578	325	72	104	479	2106	6724	21761	7			

TABLE-2 (Continued)

WHITE - FEMALE

1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK	
		<1	1-4	5-14	15-24	25-44	45-64	65+					
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	9	0	0	0	0	0	0	0	0	0	0	0	0
TUBERCULOSIS, OTHER FORMS (013-018)	5	0	0	0	0	2	0	0	0	0	1	2	0
MENINGOCOCCAL INFECTION (036)	2	0	0	0	1	0	0	0	0	0	1	0	0
SEPTICEMIA (038)	505	4	0	1	1	8	52	439	0	0	0	0	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	1	0	0	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	137	0	4	1	3	64	12	53	0	0	0	0	0
MALIGNANT NEOPLASMS (140-208)	7243	1	9	12	15	289	1930	4987	0	0	0	0	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	133	0	3	1	0	6	21	102	0	0	0	0	0
DIABETES MELLITUS (250)	740	0	0	1	1	23	124	591	0	0	0	0	0
NUTRITIONAL DEFICIENCIES (260-269)	39	0	0	0	0	1	1	37	0	0	0	0	0
ANEMIAS (280-285)	74	1	0	0	0	5	4	64	0	0	0	0	0
MENINGITIS (320-322)	15	1	2	1	0	2	2	7	0	0	0	0	0
DISEASES OF THE HEART (390-398,402,404-429)	12260	9	2	2	7	84	952	11201	0	0	0	0	0
HYPERTENSION (401,403)	113	0	0	0	0	1	4	108	0	0	0	0	0
CEREBROVASCULAR DISEASE (430-438)	2367	2	1	0	4	35	193	2132	0	0	0	0	0
ATHEROSCLEROSIS (440)	375	0	0	0	0	0	19	356	0	0	0	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	279	0	0	0	0	8	36	235	0	0	0	0	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	9	0	0	0	0	2	2	5	0	0	0	0	0
PNEUMONIA & INFLUENZA (480-487)	1036	5	1	1	3	10	52	964	0	0	0	0	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	38	0	0	0	0	0	3	35	0	0	0	0	0
EMPHYSEMA (492)	179	1	0	0	0	2	29	147	0	0	0	0	0
ASTHMA (493)	40	0	0	0	1	7	11	21	0	0	0	0	0
ULCER OF STOMACH & DUODENUM (531-533)	89	0	0	0	0	0	4	85	0	0	0	0	0
APPENDICITIS (540-543)	10	0	0	0	0	0	2	8	0	0	0	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	83	0	0	0	0	1	7	75	0	0	0	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	293	2	1	0	0	39	99	152	0	0	0	0	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	44	0	0	0	0	0	1	43	0	0	0	0	0
NEPHRITIS & NEPHROSIS (580-589)	365	3	0	0	0	3	34	325	0	0	0	0	0
INFECTIONS OF KIDNEY (590)	27	0	0	0	0	0	3	24	0	0	0	0	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	5	0	0	0	2	3	0	0	0	0	0	0	0
CONGENITAL ANOMALIES (740-759)	136	89	11	5	2	6	7	16	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	118	117	0	0	0	0	0	0	0	0	0	0	1
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	140	37	0	3	5	8	14	73	0	0	0	0	0

TABLE-2 (Continued)

WHITE - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	AGE								UNK
	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	
MOTOR VEHICLE ACCIDENTS (E810-E825)	248	0	4	13	55	57	48	71	0
OTHER ACCIDENTS (E800-E807,E826-E949)	379	4	14	4	19	49	51	237	1
SUICIDE (E950-E959)	140	0	0	1	14	44	49	32	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	61	2	4	0	7	26	9	13	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	18	0	1	0	4	6	3	4	0
RESIDUAL	3077	14	9	16	23	94	333	2588	0
*TOTAL DEATHS WHITE - FEMALE	30832	292	66	62	168	885	4114	25240	5

BLACK - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	AGE								UNK
	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	19	0	0	0	0	9	7	3	0
TUBERCULOSIS, OTHER FORMS (013-018)	7	0	0	0	1	1	3	1	1
MENINGOCOCCAL INFECTION (036)	1	1	0	0	0	0	0	0	0
SEPTICEMIA (038)	79	2	0	0	1	18	24	34	0
SYPHILIS & ITS SEQUELAE (090-097)	1	1	0	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	407	2	3	0	19	293	82	8	0
MALIGNANT NEOPLASMS (140-208)	965	0	3	4	7	55	419	477	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	9	0	0	0	0	2	3	4	0
DIABETES MELLITUS (250)	111	0	0	1	0	16	46	48	0
NUTRITIONAL DEFICIENCIES (260-269)	6	0	0	0	0	2	0	4	0
ANEMIAS (280-285)	9	0	0	0	1	6	0	2	0
MENINGITIS (320-322)	6	1	0	0	1	1	2	1	0
DISEASES OF THE HEART (390-398,402,404-429)	1166	3	1	1	6	116	385	652	2
HYPERTENSION (401,403)	28	0	0	0	0	4	11	13	0
CEREBROVASCULAR DISEASE (430-438)	235	1	0	2	2	23	71	136	0
ATHEROSCLEROSIS (440)	18	0	0	0	0	0	4	14	0

TABLE-2 (Continued)

BLACK - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK		
		<1	1-4	5-14	15-24	25-44	45-64	65+						
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	29	0	0	0	0	3	13	13						0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	3	1	0	0	0	1	1	1						0
PNEUMONIA & INFLUENZA (480-487)	151	4	3	0	2	36	37	69						0
CHRONIC & UNSPEC BRONCHITIS (490-491)	8	0	0	0	1	1	0	6						0
EMPHYSEMA (492)	19	0	0	1	0	0	3	15						0
ASTHMA (493)	10	0	0	1	1	2	4	2						0
ULCER OF STOMACH & DUODENUM (531-533)	8	0	0	0	0	2	2	4						0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	9	1	0	0	0	1	3	4						0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	136	1	0	0	1	66	61	6						1
NEPHRITIS & NEPHROSIS (580-589)	93	1	0	0	0	21	24	47						0
INFECTIONS OF KIDNEY (590)	1	0	0	0	0	0	1	0						0
CONGENITAL ANOMALIES (740-759)	43	31	2	4	2	3	0	1						0
EARLY INFANT MORTALITY (760-779)	126	126	0	0	0	0	0	0						0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	58	25	1	0	2	18	7	5						0
MOTOR VEHICLE ACCIDENTS (E810-E825)	107	1	3	8	27	50	14	4						0
OTHER ACCIDENTS (E800-E807,E826-E949)	197	3	6	19	12	112	33	12						0
SUICIDE (E950-E959)	43	0	0	0	0	22	17	4						0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	149	2	2	1	52	73	17	2						0
ALL OTHER EXTERNAL CAUSES (E980-E999)	32	0	0	1	2	21	8	0						0
RESIDUAL	539	10	4	4	6	164	143	208						0
*TOTAL DEATHS BLACK - MALE	4828	217	28	47	156	1142	1435	1799						4

TABLE-2 (Continued)
BLACK - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK	
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNK				
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	5	0	0	0	1	2	1	1	0	0	0	0	0
TUBERCULOSIS, OTHER FORMS (013-018)	3	0	0	0	0	2	1	1	0	0	0	0	0
SEPTICEMIA (038)	77	2	0	0	2	12	12	49	0	0	0	0	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	0	0	1	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	145	4	4	4	6	109	13	4	1	1	0	0	0
MALIGNANT NEOPLASMS (140-208)	784	0	2	0	3	89	312	377	4	1	1	1	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	10	0	1	0	0	0	3	377	4	1	1	1	1
DIABETES MELLITUS (250)	146	0	0	0	1	4	3	6	0	0	0	0	0
NUTRITIONAL DEFICIENCIES (260-269)	7	0	0	0	0	1	4	98	0	0	0	0	0
ANEMIAS (280-285)	21	0	0	0	2	5	2	11	6	0	0	0	0
MENINGITIS (320-322)	6	3	0	1	1	0	2	11	6	0	0	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1210	1	1	0	5	71	276	853	0	0	0	0	0
HYPERTENSION (401,403)	26	0	0	0	0	1	9	16	0	0	0	0	0
CEREBROVASCULAR DISEASE (430-438)	282	1	1	0	0	14	64	202	0	0	0	0	0
ATHEROSCLEROSIS (440)	22	0	0	0	0	0	1	21	0	0	0	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	31	0	0	0	0	1	13	17	0	0	0	0	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	1	0	0	0	0	1	17	0	0	0	0	0
PNEUMONIA & INFLUENZA (480-487)	91	6	0	0	2	15	19	48	0	0	0	0	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	2	0	0	0	0	0	0	2	0	0	0	0	0
EMPHYSEMA (492)	4	0	0	0	0	0	0	2	0	0	0	0	0
ASTHMA (493)	17	0	0	0	0	0	1	3	0	0	0	0	0
ULCER OF STOMACH & DUODENUM (531-533)	8	0	0	0	2	1	10	3	0	0	0	0	0
APPENDICITIS (540-543)	1	0	0	0	0	0	3	5	0	0	0	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	11	0	1	0	0	0	0	1	0	0	0	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	64	0	0	0	1	28	27	8	0	0	0	0	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	3	0	0	0	0	0	1	8	0	0	0	0	0
NEPHRITIS & NEPHROSIS (580-589)	83	0	0	0	0	10	19	51	2	0	0	0	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	8	0	0	1	2	4	0	0	0	0	0	0	0
CONGENITAL ANOMALIES (740-759)	37	28	2	0	3	2	1	1	0	0	0	0	0

TABLE-2 (Continued)

BLACK - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK
		<1	1-4	5-14	15-24	25-44	45-64	65+				
EARLY INFANT MORTALITY (760-779)	100	100	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	40	20	1	1	1	7	2	8	0	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	36	1	2	0	10	8	7	8	0	0	0	0
OTHER ACCIDENTS (E800-E807, E826-E949)	85	1	8	5	13	36	11	11	0	0	0	0
SUICIDE (E950-E959)	13	0	0	0	0	10	3	0	0	0	0	0
HOMICIDE & LEGAL INTERVENTION (E960-E978)	43	0	1	2	10	22	6	2	0	0	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	8	0	0	0	3	3	2	0	0	0	0	0
RESIDUAL	439	6	6	2	11	91	98	225	0	0	0	0
*TOTAL DEATHS BLACK - FEMALE	3871	174	30	17	83	549	965	2047	6	6	6	6

TABLE-2 (Continued)
OTHER - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE											UNK
		<1	1-4	5-14	15-24	25-44	45-64	65+					
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	3	0	0	0	0	1	1	1	0	0	0	0	0
SEPTICEMIA (038)	1	0	0	0	0	0	0	0	0	0	0	1	0
INFECTION/PARA DIS (1-3,5,20-35,37,39-88,98-139)	10	0	0	0	1	5	4	0	0	0	0	1	0
MALIGNANT NEOPLASMS (140-208)	70	0	0	0	1	7	27	35	0	0	0	0	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	2	0	0	0	0	1	0	1	0	0	0	0	0
DIABETES MELLITUS (250)	7	0	0	0	0	0	0	0	0	0	0	7	0
ANEMIAS (280-285)	1	0	0	0	0	0	0	0	0	0	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	85	1	0	0	0	5	37	42	0	0	0	0	0
CEREBROVASCULAR DISEASE (430-438)	16	0	0	0	0	2	6	8	0	0	0	0	0
ATHEROSCLEROSIS (440)	2	0	0	0	0	0	1	1	0	0	0	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	4	0	0	0	0	2	0	2	0	0	0	0	0
PNEUMONIA & INFLUENZA (480-487)	7	0	0	0	0	1	1	5	0	0	0	0	0
EMPHYSEMA (492)	2	0	0	0	0	0	0	2	0	0	0	0	0
ULCER OF STOMACH & DUODENUM (531-533)	1	0	0	0	0	0	1	0	0	0	0	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	7	1	0	0	0	1	4	1	0	0	0	0	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	1	0	0	0	0	0	1	0	0	0	0	0	0
NEPHRITIS & NEPHROSIS (580-589)	1	0	0	0	0	0	1	0	0	0	0	0	0
CONGENITAL ANOMALIES (740-759)	8	6	1	0	0	1	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	7	7	0	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	7	1	0	0	3	3	0	0	0	0	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	17	0	1	2	5	7	1	1	0	0	0	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	11	0	1	0	4	2	3	1	0	0	0	0	0
SUICIDE (E950-E959)	4	0	0	0	1	1	2	0	0	0	0	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	6	0	0	0	2	2	2	0	0	0	0	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	1	0	0	0	0	0	1	0	0	0	0	0	0
RESIDUAL	29	0	1	2	0	8	4	14	0	0	0	0	0
*TOTAL DEATHS OTHER - MALE	310	16	4	4	17	49	98	122	0	0	0	0	0

TABLE-2 (Continued)
OTHER - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE										UNK
		<1	1-4	5-14	15-24	25-44	45-64	65+				
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	1	0	0	0	0	0	1	0	0	0	0	0
SEPTICEMIA (038)	3	1	0	0	0	0	2	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	2	0	0	0	0	1	0	1	0	0	0	0
MALIGNANT NEOPLASMS (140-208)	60	0	2	0	0	11	26	21	0	0	0	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	0	0	1	0	0	0	0
DIABETES MELLITUS (250)	5	0	0	0	0	0	0	0	0	2	3	0
DISEASES OF THE HEART (390-398,402,404-429)	49	0	0	0	0	1	17	31	0	0	0	0
CEREBROVASCULAR DISEASE (430-438)	22	0	0	1	0	3	4	14	0	0	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	3	0	0	0	0	1	0	2	0	0	0	0
PNEUMONIA & INFLUENZA (480-487)	3	0	0	0	0	0	1	2	0	0	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1	0	0	0	0	1	0	0	0	0	0	0
NEPHRITIS & NEPHROSIS (580-589)	2	0	0	0	0	0	0	0	0	0	2	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	1	0	0	0	0	1	0	0	0	0	0	0
CONGENITAL ANOMALIES (740-759)	1	1	0	0	0	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	4	4	0	0	0	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	4	2	0	0	0	2	0	0	0	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	0	1	1	1	3	0	0	0	0	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	3	0	0	0	0	2	0	1	0	0	0	0
SUICIDE (E950-E959)	4	0	0	0	0	1	3	0	0	0	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	2	0	0	0	0	1	1	0	0	0	0	0
RESIDUAL	12	0	0	0	0	2	4	6	0	0	0	0
*TOTAL DEATHS OTHER - FEMALE	189	8	3	2	1	30	61	84	0	0	0	0

TABLE-2 (Continued)

UNKNOWN - MALE
'1987

CAUSE GROUP AND RELATED ICD-9 CODES	AGE							UNK	
	<1	1-4	5-14	15-24	25-44	45-64	65+		
SEPTICEMIA (038)	2	0	0	0	0	0	0	0	
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	5	0	0	0	3	2	0	0	
MALIGNANT NEOPLASMS (140-208)	15	0	0	1	1	10	3	0	
DISEASES OF THE HEART (390-398,402,404-429)	15	1	0	0	3	5	6	0	
CEREBROVASCULAR DISEASE (430-438)	1	0	0	0	0	1	0	0	
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	1	0	0	0	0	0	1	0	
CONGENITAL ANOMALIES (740-759)	1	0	1	0	0	0	0	0	
EARLY INFANT MORTALITY (760-779)	12	0	0	0	0	0	0	0	
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	2	0	0	0	1	1	0	0	
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	0	0	2	1	1	0	0	
OTHER ACCIDENTS (E800-E807,E826-E949)	2	0	0	0	0	0	1	1	
HOMICIDE & LEGAL INTERVENTION(E960-E978)	4	0	0	0	3	1	0	0	
RESIDUAL	8	0	0	0	3	2	2	1	
*TOTAL DEATHS UNKNOWN - MALE	72	13	1	0	3	15	25	13	2

UNKNOWN - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	AGE							UNK	
	<1	1-4	5-14	15-24	25-44	45-64	65+		
SEPTICEMIA (038)	1	0	1	0	0	0	0	0	
MALIGNANT NEOPLASMS (140-208)	12	0	0	1	1	7	3	0	
DISEASES OF THE HEART (390-398,402,404-429)	9	0	0	0	0	2	7	0	
CEREBROVASCULAR DISEASE (430-438)	3	0	0	0	0	1	2	0	
PNEUMONIA & INFLUENZA (480-487)	1	0	0	0	0	0	1	0	
NEPHRITIS & NEPHROSIS (580-589)	2	1	0	0	0	0	1	0	
CONGENITAL ANOMALIES (740-759)	4	4	0	0	0	0	0	0	
EARLY INFANT MORTALITY (760-779)	5	0	0	0	0	0	0	0	
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	1	0	0	0	0	1	0	0	
OTHER ACCIDENTS (E800-E807,E826-E949)	1	0	0	0	1	0	0	0	
HOMICIDE & LEGAL INTERVENTION(E960-E978)	1	0	0	0	0	0	1	0	
RESIDUAL	4	1	0	0	0	2	0	0	
*TOTAL DEATHS UNKNOWN - FEMALE	44	11	1	1	1	2	13	15	0

TABLE-2 (Continued)

WHITE - UNKNOWN SEX
1987

CAUSE GROUP AND RELATED ICD-9 CODES	AGE										UNK
	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	---		
MALIGNANT NEOPLASMS (140-208)	1	0	0	0	0	0	1	0	---		0
DISEASES OF THE HEART (390-398,402,404-429)	2	0	0	0	0	0	1	1	---		0
EARLY INFANT MORTALITY (760-779)	1	1	0	0	0	0	0	0	---		0
*TOTAL DEATHS WHITE - UNKNOWN SEX	4	1	0	0	0	0	2	1	---		0
TOTAL	71728	1057	205	237	908	4778	13437	51082	---		24

TABLE-3

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY AGE GROUP
1987

CAUSE	TOTAL	AGE GROUP									UNKN.
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.		
A	305	0	0	0	0	12	132	161	0	0	
B	4558	0	1	0	4	116	1115	3322	0	0	
C	4645	0	0	0	0	107	1607	2930	1	1	
D	1608	0	0	0	1	125	575	907	0	0	
E	1740	0	0	0	6	64	377	1292	1	1	
F	716	0	0	1	0	17	164	534	0	0	
G	2090	2	12	16	25	152	626	1257	0	0	
H	542	0	7	16	8	52	117	342	0	0	
I	919	0	1	3	13	68	227	607	0	0	
TOTAL	17123	2	21	36	57	713	4940	11352	2	2	

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

- A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
- B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
- C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
- D = BREAST (174-175)
- E = GENITAL ORGANS (179-187)
- F = URINARY ORGANS (188-189)
- G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
- H = LEUKEMIA (204-208)
- I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE-4

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY RACE AND SEX
1987

CAUSE	TOTAL		WHITE				BLACK				OTHER		
	TOTAL	MALE	FEMALE	UNKN	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
A	305	227	78	0	252	183	69	47	39	8	6	5	1
B	4558	2404	2154	0	4043	2126	1917	458	247	211	57	31	26
C	4645	3050	1595	0	4091	2669	1422	520	363	157	34	18	16
D	1608	15	1593	0	1445	13	1432	151	2	149	12	0	12
E	1740	911	829	0	1512	781	731	223	127	96	5	3	2
F	716	487	229	0	669	457	212	42	27	15	5	3	2
G	2090	1133	957	0	1897	1023	874	176	99	77	17	11	6
H	542	321	221	0	481	289	192	52	28	24	9	4	5
I	919	475	443	1	827*	432	394	80	33	47	12	10	2
TOTAL	17123	9023	8099	1	15217	7973	7243	1749	965	784	157	85	72

TOTAL

* TOTAL INCLUDES ONE WHITE DEATH SEX UNKNOWN

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

- A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
- B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
- C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
- D = BREAST (174-175)
- E = GENITAL ORGANS (179-187)
- F = URINARY ORGANS (188-189)
- G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
- H = LEUKEMIA (204-208)
- I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE-5

RESIDENT DEATHS -- BY CAUSE AND COUNTY
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	1	2	3	4	5	6	7
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	58	4	1	0	4	0	1	24
TUBERCULOSIS, OTHER FORMS (013-018)	16	0	0	0	0	1	0	6
MENINGOCOCCAL INFECTION (036)	6	0	0	0	0	0	0	0
SEPTICEMIA (038)	1042	29	95	40	66	14	18	156
SYPHILIS & ITS SEQUELAE (090-097)	3	1	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	1139	17	67	27	38	3	7	377
MALIGNANT NEOPLASMS (140-208)	17123	570	2000	656	1078	280	277	1857
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	270	10	35	12	14	5	5	32
DIABETES MELLITUS (250)	1562	47	168	42	104	14	29	195
NUTRITIONAL DEFICIENCIES (260-269)	75	1	6	4	7	5	4	11
ANEMIAS (280-285)	150	6	18	6	8	2	1	21
MENINGITIS (320-322)	44	1	2	0	3	1	0	8
DISEASES OF THE HEART (390-398,402,404-429)	26931	870	3144	1097	1647	480	484	2977
HYPERTENSION (401,403)	244	14	25	5	13	3	5	35
CEREBROVASCULAR DISEASE (430-438)	4478	160	530	196	280	87	85	504
ARTERIOSCLEROSIS (440)	635	36	39	17	28	12	11	48
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	763	21	77	29	41	18	13	84
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	26	1	2	1	5	0	0	4
PNEUMONIA & INFLUENZA (480-487)	2131	83	197	82	104	23	36	244
CHRONIC & UNSPEC BRONCHITIS (490-491)	86	1	4	13	12	1	0	7
EMPHYSEMA (492)	426	10	41	18	27	9	11	29
ASTHMA (493)	89	3	8	3	3	0	3	14
ULCER OF STOMACH & DUODENUM (531-533)	200	6	17	5	12	3	4	19
APPENDICITIS (540-543)	18	0	0	1	0	1	0	3
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	159	4	17	4	8	1	3	17
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1038	35	89	34	58	21	11	175
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	89	2	11	2	7	1	1	8
NEPHRITIS & NEPHROSIS (580-589)	894	31	78	38	55	18	20	125
INFECTIONS OF KIDNEY (590)	34	1	8	0	1	0	0	4

** COUNTIES **

1= ATLANTIC 3= BURLINGTON
2= BERGEN 4= CAMDEN

5= CAPE MAY
6= CUMBERLAND

7= ESSEX

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY							
	TOTAL	1	2	3	4	5	6	7
HYPERPLASIA OF PROSTRATE (600)	6	0	1	0	0	0	0	1
COMP OF PREGNANCY, BIRTH & PUERPERIUM (630-676)	14	1	0	2	1	0	2	3
CONGENITAL ANOMALIES (740-759)	362	9	35	15	29	6	8	48
EARLY INFANT MORTALITY (760-779)	548	23	28	22	43	8	13	93
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	396	12	56	16	23	3	13	49
MOTOR VEHICLE ACCIDENTS (E810-E825)	1019	59	85	53	60	19	55	80
OTHER ACCIDENTS (E800-E807, E826-E949)	1339	43	136	44	100	22	19	189
SUICIDE (E950-E959)	710	20	72	29	50	3	15	69
HOMICIDE & LEGAL INTERVENTION (E960-E978)	406	21	21	9	34	0	3	128
ALL OTHER EXTERNAL CAUSES (E980-E999)	124	6	13	9	4	1	2	37
RESIDUAL	7075	232	693	308	456	118	129	891
TOTAL	71728	2390	7819	2839	4423	1183	1288	8572

** COUNTIES **

1= ATLANTIC 3= BURLINGTON 5= CAPE MAY
 2= BERGEN 4= CAMDEN 6= CUMBERLAND 7= ESSEX

TABLE-5 (Continued)
1987

CAUSE GROUP AND RELATED ICD-9 CODES	8	9	10	COUNTY			14	15
				11	12	13		
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	0	8	0	2	4	3	0	2
TUBERCULOSIS, OTHER FORMS (013-018)	0	4	0	0	0	0	0	1
MENINGOCOCCAL INFECTION (036)	1	0	0	1	0	2	2	0
SEPTICEMIA (038)	19	103	5	51	63	74	45	93
SYPHILIS & ITS SEQUELAE (090-097)	0	0	0	0	0	1	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	19	184	3	21	53	45	29	31
MALIGNANT NEOPLASMS (140-208)	419	1297	160	696	1295	1297	717	1391
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	3	22	3	5	24	22	7	25
DIABETES MELLITUS (250)	48	149	10	67	128	120	53	106
NUTRITIONAL DEFICIENCIES (260-269)	4	2	2	4	2	6	2	4
ANEMIAS (280-285)	3	12	1	10	9	10	9	8
MENINGITIS (320-322)	0	7	0	1	2	4	3	5
DISEASES OF THE HEART (390-398,402,404-429)	596	2140	212	1133	1841	1863	1061	2196
HYPERTENSION (401,403)	5	26	1	9	19	20	9	13
CEREBROVASCULAR DISEASE (430-438)	92	337	42	159	281	333	188	340
ARTERIOSCLEROSIS (440)	44	24	8	18	127	103	17	21
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	19	58	7	50	50	70	28	54
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	3	1	0	0	0	0	1
PNEUMONIA & INFLUENZA (480-487)	40	179	33	118	154	149	132	115
CHRONIC & UNSPEC BRONCHITIS (490-491)	1	4	2	2	4	10	5	6
EMPHYSEMA (492)	9	30	4	26	26	32	28	51
ASTHMA (493)	1	7	0	9	6	6	4	2
ULCER OF STOMACH & DUODENUM (531-533)	7	10	2	6	14	24	10	16
APPENDICITIS (540-543)	2	2	1	2	1	2	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	2	15	3	11	8	14	6	12
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	26	126	5	47	72	72	46	47
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	1	9	1	6	7	7	3	8
NEPHRITIS & NEPHROSIS (580-589)	15	86	6	34	57	61	20	86
INFECTIONS OF KIDNEY (590)	0	3	2	0	2	2	3	2

** COUNTIES **
 3= GLOUCESTER 10= HUNTERDON 12= MIDDLESEX 14= MORRIS
 9= HUDSON 11= MERCER 13= MONMOUTH 15= OCEAN

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY									
	8	9	10	11	12	13	14	15		
HYPERPLASIA OF PROSTATE (600)	0	0	1	0	1	1	1	0		
COMP OF PREGNANCY, BIRTH & PUERPERIUM (630-676)	1	0	0	0	1	0	0	0		
CONGENITAL ANOMALIES (740-759)	5	36	3	19	22	23	18	18		
EARLY INFANT MORTALITY (760-779)	17	28	3	50	54	35	19	17		
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	8	32	4	16	24	26	13	19		
MOTOR VEHICLE ACCIDENTS (E810-E825)	49	46	17	44	97	67	48	66		
OTHER ACCIDENTS (E800-E807, E826-E949)	38	121	10	78	105	83	56	56		
SUICIDE (E950-E959)	22	63	8	25	47	52	39	56		
HOMICIDE & LEGAL INTERVENTION (E960-E978)	12	46	2	17	17	18	7	4		
ALL OTHER EXTERNAL CAUSES (E980-E999)	2	17	0	0	1	2	3	2		
RESIDUAL	193	635	65	353	502	493	303	495		

TOTAL	1725	5871	627	3090	5120	5152	2934	5371
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** COUNTIES **

- 8= GLOUCESTER
- 9= HUDSON
- 10= HUNTERDON
- 11= MERCER
- 12= MIDDLESEX
- 13= MONMOUTH
- 14= MORRIS
- 15= OCEAN

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY									
	16	17	18	19	20	21	22	23		
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	3	0	1	0	1	0	0	0		
TUBERCULOSIS, OTHER FORMS (013-018)	1	0	2	0	1	0	0	0		
SEPTICEMIA (038)	46	7	22	10	75	10	0	1		
SYPHILIS & ITS SEQUELAE (090-097)	0	1	0	0	0	0	0	0		
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	88	2	17	5	101	3	1	1		
MALIGNANT NEOPLASMS (140-208)	943	144	415	213	1235	179	2	2		
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	16	4	3	3	16	4	0	0		
DIABETES MELLITUS (250)	109	10	30	15	102	16	0	0		
NUTRITIONAL DEFICIENCIES (260-269)	2	1	1	2	4	1	0	0		
ANEMIAS (280-285)	8	1	5	1	8	3	0	0		
MENINGITIS (320-322)	4	1	1	0	3	0	0	0		
DISEASES OF THE HEART (390-398,402,404-429)	1752	275	588	339	1934	297	0	5		
HYPERTENSION (401,403)	15	3	4	0	16	4	0	0		
CEREBROVASCULAR DISEASE (430-438)	295	44	108	64	306	47	0	0		
ARTERIOSCLEROSIS (440)	28	2	5	5	38	4	0	0		
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	50	7	17	11	54	5	0	0		
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	0	0	1	3	0	0	0		
PNEUMONIA & INFLUENZA (480-487)	109	19	63	33	181	31	0	2		
CHRONIC & UNSPEC BRONCHITIS (490-491)	3	1	2	4	4	0	0	0		
EMPHYSEMA (492)	18	3	9	1	38	6	0	0		
ASTHMA (493)	2	1	2	0	13	2	0	0		
ULCER OF STOMACH & DUODENUM (531-533)	9	4	10	5	14	3	0	0		
APPENDICITIS (540-543)	0	0	1	0	2	0	0	0		
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	12	0	3	6	11	1	0	1		
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	62	11	15	8	74	4	0	0		
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	3	2	2	1	5	2	0	0		
NEPHRITIS & NEPHROSIS (580-589)	56	9	20	8	64	7	0	0		
INFECTIONS OF KIDNEY (590)	2	0	0	1	2	1	0	0		
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	0	0	1	0	1	1	0	0		

** COUNTIES **
 16= PASSAIC 18= SOMERSET 20= UNION 22= STATE INST
 17= SALEM 19= SUSSEX 21= WARREN 23= MILITARY

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY									
	16	17	18	19	20	21	22	23		
CONGENITAL ANOMALIES (740-759)	23	2	8	4	24	5	0	2		
EARLY INFANT MORTALITY (760-779)	33	1	16	6	33	5	0	1		
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	26	4	13	3	26	10	0	0		
MOTOR VEHICLE ACCIDENTS (E810-E825)	43	15	17	23	57	18	0	1		
OTHER ACCIDENTS (E800-E807, E826-E949)	62	7	34	20	102	13	1	0		
SUICIDE (E950-E959)	42	8	24	6	42	16	0	2		
HOMICIDE & LEGAL INTERVENTION (E960-E978)	33	3	3	5	21	2	0	0		
ALL OTHER EXTERNAL CAUSES (E980-E999)	15	0	1	1	7	1	0	0		
RESIDUAL	377	66	149	86	446	81	1	3		
TOTAL	4292	658	1612	890	5064	782	5	21		

** COUNTIES **

16= PASSAIC 18= SOMERSET 20= UNION 22= STATE INST
 17= SALEM 19= SUSSEX 21= WARREN 23= MILITARY

TABLE-6

RESIDENT DEATHS BY MONTH
1987

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	2390	198	191	236	206	182	192	206	196	190	199	203	191	0
BERGEN	7819	803	624	684	644	628	640	660	596	646	648	614	632	0
BURLINGTON	2839	281	242	242	212	239	229	229	229	198	258	267	213	0
CAMDEN	4423	387	385	384	370	367	329	313	346	338	426	377	401	0
CAPE MAY	1183	110	99	123	77	104	98	118	89	93	90	88	94	0
CUMBERLAND	1288	95	97	130	130	97	101	113	104	91	106	104	120	0
ESSEX	8572	822	673	745	692	712	689	685	715	660	717	704	758	0
GLOUCESTER	1725	150	137	137	143	148	156	146	140	133	139	148	148	0
HUDSON	5871	583	475	526	498	520	475	413	458	435	520	485	483	0
HUNTERDON	627	59	42	56	49	50	56	48	51	46	61	56	53	0
MERCER	3090	307	220	244	252	273	237	241	271	226	271	280	268	0
MIDDLESEX	5120	467	390	479	408	438	399	429	401	412	423	444	430	0
MONMOUTH	5152	510	421	405	418	414	415	422	424	360	475	412	476	0
MORRIS	2934	273	253	253	229	245	202	246	253	228	252	249	251	0
OCEAN	5371	547	450	469	440	442	401	418	418	376	472	459	479	0
PASSAIC	4292	421	348	366	354	372	320	320	336	357	373	346	379	0
SALEM	658	62	55	64	58	54	54	46	52	42	54	56	61	0
SOMERSET	1612	175	127	147	113	131	113	125	132	126	123	144	156	0
SUSSEX	890	96	67	76	73	80	52	65	73	70	74	73	91	0
UNION	5064	489	406	423	384	415	387	405	378	412	471	442	452	0
WARREN	782	70	79	67	67	62	58	65	63	58	60	63	70	0
STATE INST	5	0	0	0	1	1	0	0	0	0	3	0	0	0
MILITARY	21	1	3	5	4	1	2	1	3	0	1	0	0	0
TOTAL	71728	6906	5784	6261	5822	5975	5605	5714	5728	5497	6216	6014	6206	0

TABLE-7

RESIDENT DEATHS -- BY COUNTY AND AGE
1987

COUNTY OF RESIDENCE	TOTAL	AGE GROUP										UNKN.
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.			
ATLANTIC	2390	33	4	7	44	133	421	1746	2			
BERGEN	7819	62	16	20	65	321	1425	5909	1			
BURLINGTON	2839	38	9	10	40	155	603	1984	0			
CAMDEN	4423	87	18	15	73	255	878	3097	0			
CAPE MAY	1183	14	2	1	10	33	173	950	0			
CUMBERLAND	1288	29	3	6	30	78	257	885	0			
ESSEX	8572	175	29	33	145	1056	1776	5349	9			
GLOUCESTER	1725	32	7	11	35	88	338	1212	2			
HUDSON	5871	85	20	14	64	621	1172	3891	4			
HUNTERDON	627	7	3	6	14	22	109	466	0			
MERCER	3090	72	8	14	48	180	592	2176	0			
MIDDLESEX	5120	77	9	16	54	338	1111	3515	0			
MONMOUTH	5152	73	10	17	56	272	937	3786	1			
MORRIS	2934	39	7	12	44	147	579	2104	2			
OCEAN	5371	37	10	12	39	155	698	4420	0			
PASSAIC	4292	74	12	16	54	345	729	3060	2			
SALEM	658	4	2	1	7	38	131	475	0			
SOMERSET	1612	28	7	9	10	108	306	1144	0			
SUSSEX	890	11	9	5	12	44	163	646	0			
UNION	5064	65	16	12	51	343	905	3671	1			
WARREN	782	12	2	0	13	40	130	585	0			
STATE INST	5	0	0	0	0	3	0	2	0			
MILITARY	21	3	2	0	0	3	4	9	0			
TOTAL	71728	1057	205	237	908	4778	13437	51082	24			

TABLE-8

RESIDENT DEATHS -- BY COUNTY, SEX, AND AGE
1987

COUNTY OF RESIDENCE	TOTAL	MALE										UNKN.	
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.				
ATLANTIC	1198	16	1	5	33	89	259	794	1				
BERGEN	3929	30	7	15	46	227	879	2724	1				
BURLINGTON	1454	14	6	8	28	109	365	924	0				
CAMDEN	2214	42	9	11	53	177	525	1397	0				
CAPE MAY	577	7	1	1	7	22	99	440	0				
CUMBERLAND	714	20	2	4	20	57	156	455	0				
ESSEX	4438	96	14	17	103	732	1075	2396	5				
GLOUCESTER	880	18	3	10	20	62	195	571	1				
HUDSON	3073	44	9	10	53	444	742	1769	2				
HUNTERDON	314	3	1	3	12	13	64	218	0				
MERCER	1577	38	6	7	28	135	373	990	0				
MIDDLESEX	2739	47	7	8	42	232	698	1705	0				
MONMOUTH	2536	45	4	9	39	192	551	1696	0				
MORRIS	1516	24	4	9	31	106	385	956	1				
OCEAN	2915	18	5	9	31	110	422	2320	0				
PASSAIC	2157	41	8	9	46	217	477	1357	2				
SALEM	349	4	1	1	4	26	78	235	0				
SOMERSET	812	13	6	5	4	78	191	515	0				
SUSSEX	433	5	3	4	12	25	97	287	0				
UNION	2538	37	6	10	34	231	565	1655	0				
WARREN	402	7	1	0	9	23	82	280	0				
STATE INST	4	0	0	0	0	2	0	2	0				
MILITARY	19	2	1	0	0	3	4	9	0				
*TOTAL MALE	36788	571	105	155	655	3312	8282	23695	13				

TABLE-8 (Continued)

1987

COUNTY OF RESIDENCE	TOTAL	FEMALE										UNKN.
		<1	1-4	5-14	15-24	25-44	45-64	65+				
ATLANTIC	1192	17	3	2	11	44	162	952	1			
BERGEN	3889	32	9	5	19	94	546	3184	0			
BURLINGTON	1385	24	3	2	12	46	238	1060	0			
CAMDEN	2209	45	9	4	20	78	353	1700	0			
CAPE MAY	606	7	1	0	3	11	74	510	0			
CUMBERLAND	574	9	1	2	10	21	101	430	0			
ESSEX	4134	79	15	16	42	324	701	2953	4			
GLOUCESTER	844	13	4	1	15	26	143	641	1			
HUDSON	2797	41	11	4	11	177	429	2122	2			
HUNTERDON	313	4	2	3	2	9	45	248	0			
MERCER	1513	34	2	7	20	45	219	1186	0			
MIDDLESEX	2381	30	2	8	12	106	413	1810	0			
MONMOUTH	2616	28	6	8	17	80	386	2090	0			
MORRIS	1418	15	3	3	13	41	194	1148	1			
OCEAN	2456	19	5	3	8	45	276	2100	0			
PASSAIC	2134	33	4	7	8	128	251	1703	0			
SALEM	309	0	1	0	3	12	53	240	0			
SOMERSET	800	15	1	4	6	30	115	629	0			
SUSSEX	457	6	6	1	0	19	66	359	0			
UNION	2526	28	10	2	17	112	340	2016	1			
WARREN	380	5	1	0	4	17	48	305	0			
STATE INST	1	0	0	0	0	1	0	0	0			
MILITARY	2	1	1	0	0	0	0	0	0			
*TOTAL FEMALE	34936	485	100	82	253	1466	5153	27386	11			

TABLE-8 (Continued)

1987

COUNTY OF RESIDENCE	TOTAL	UNKNOWN								
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.	
BERGEN	1	0	0	0	0	0	0	0	1	0
GLOUCESTER	1	1	0	0	0	0	0	0	0	0
HUDSON	1	0	0	0	0	0	1	0	0	0
PASSAIC	1	0	0	0	0	0	1	0	0	0
*TOTAL UNKNOWN	4	1	0	0	0	0	2	1	0	0
TOTAL	71728	1057	205	237	908	4778	13437	51082	24	24

TABLE-9

RESIDENT DEATHS -- BY COUNTY, RACE AND AGE
1987

COUNTY OF RESIDENCE	TOTAL	WHITE										UNKN.
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.			
ATLANTIC	1912	14	3	5	31	85	306	1466	2			
BERGEN	7429	44	14	15	56	264	1310	5725	1			
BURLINGTON	2549	26	5	6	33	118	517	1844	0			
CAMDEN	3771	52	13	10	55	170	691	2780	0			
CAPE MAY	1122	10	2	1	9	30	158	912	0			
CUMBERLAND	1111	20	2	4	20	57	207	801	0			
ESSEX	5314	34	14	10	41	296	858	4061	0			
GLOUCESTER	1541	21	5	10	30	76	297	1101	1			
HUDSON	5072	55	12	8	45	412	954	3582	4			
HUNTERDON	616	6	3	5	13	21	107	461	0			
MERCER	2537	35	2	8	32	102	437	1921	0			
MIDDLESEX	4800	60	7	14	43	273	1020	3383	0			
MONMOUTH	4662	47	9	15	50	199	803	3538	1			
MORRIS	2845	32	5	12	43	135	546	2070	2			
OCEAN	5264	34	10	10	38	139	665	4368	0			
PASSAIC	3769	48	6	11	35	199	580	2889	1			
SALEM	552	1	2	1	6	29	97	416	0			
SOMERSET	1537	23	6	8	8	93	289	1110	0			
SUSSEX	883	10	9	5	12	43	161	643	0			
UNION	4334	33	6	8	34	208	704	3341	0			
WARREN	773	11	2	0	13	38	129	580	0			
STATE INST	4	0	0	0	0	2	0	2	0			
MILITARY	17	2	1	0	0	2	4	8	0			
*TOTAL WHITE	62414	618	138	166	647	2991	10840	47002	12			

TABLE-9 (Continued)
1987

COUNTY OF RESIDENCE	TOTAL	BLACK										UNKN.
		<1	1-4	5-14	15-24	25-44	45-64	65+				
ATLANTIC	457	19	1	2	11	48	102	274	0			
BERGEN	283	11	2	3	6	40	78	143	0			
BURLINGTON	278	12	3	4	7	36	83	133	0			
CAMDEN	631	33	5	3	17	84	182	307	0			
CAPE MAY	59	4	0	0	1	3	14	37	0			
CUMBERLAND	161	6	1	2	10	21	44	77	0			
ESSEX	3150	123	15	21	100	740	886	1258	7			
GLOUCESTER	178	10	2	1	5	10	40	109	1			
HUDSON	690	25	7	6	16	189	181	266	0			
HUNTERDON	6	1	0	0	0	0	0	5	0			
MERCER	539	36	6	6	15	78	153	245	0			
MIDDLESEX	269	13	0	2	9	60	78	107	0			
MONMOUTH	456	23	0	2	6	64	125	236	0			
MORRIS	72	4	1	0	1	11	27	28	0			
OCEAN	87	2	0	2	0	15	26	42	0			
PASSAIC	502	26	6	5	18	136	141	169	1			
SALEM	105	3	0	0	1	9	33	59	0			
SOMERSET	59	5	1	1	1	14	10	27	0			
SUSSEX	5	1	0	0	0	0	2	2	0			
UNION	699	32	7	4	15	129	194	317	1			
WARREN	8	1	0	0	0	2	1	4	0			
STATE INST	1	0	0	0	0	1	0	0	0			
MILITARY	4	1	0	0	0	1	0	1	0			
*TOTAL BLACK	8699	391	58	64	239	1691	2400	3846	10			

TABLE-9 (Continued)
1987

COUNTY OF RESIDENCE	TOTAL	OTHER										UNKN.
		<1	1-4	5-14	15-24	25-44	45-64	65+				
ATLANTIC	19	0	0	0	2	0	12	5	0	0	0	
BERGEN	87	4	0	1	2	15	28	37	0	0	0	
BURLINGTON	11	0	1	0	0	1	2	7	0	0	0	
CAMDEN	19	1	0	2	1	0	5	10	0	0	0	
CAPE MAY	2	0	0	0	0	0	1	1	0	0	0	
CUMBERLAND	12	1	0	0	0	0	5	6	0	0	0	
ESSEX	70	2	0	2	4	14	24	24	0	0	0	
GLOUCESTER	5	0	0	0	0	2	1	2	0	0	0	
HUDSON	99	5	1	0	3	17	33	40	0	0	0	
HUNTERDON	3	0	0	1	0	1	1	0	0	0	0	
MERCER	13	1	0	0	1	0	2	9	0	0	0	
MIDDLESEX	44	4	2	0	1	5	10	22	0	0	0	
MONMOUTH	28	3	1	0	0	7	6	11	0	0	0	
MORRIS	14	2	0	0	0	1	5	6	0	0	0	
OCEAN	13	1	0	0	1	1	3	7	0	0	0	
PASSAIC	19	0	0	0	1	8	8	2	0	0	0	
SALEM	1	0	0	0	0	0	1	0	0	0	0	
SOMERSET	13	0	0	0	1	1	7	4	0	0	0	
SUSSEX	2	0	0	0	0	1	0	1	0	0	0	
UNION	25	0	2	0	1	5	5	12	0	0	0	
*TOTAL OTHER	499	24	7	6	18	79	159	206	0	0	0	

TABLE-9 (Continued)
1987

COUNTY OF RESIDENCE	TOTAL	UNKNOWN										UNKN.	
		<1	1-4	5-14	15-24	25-44	45-64	65+					
ATLANTIC	2	0	0	0	0	0	1	0	0	0	1	1	0
BERGEN	20	3	0	1	1	2	0	2	0	0	9	4	0
BURLINGTON	1	0	0	0	0	0	0	0	0	1	0	0	0
CAMDEN	2	1	0	0	0	1	0	0	0	1	0	0	0
CUMBERLAND	4	2	0	0	0	0	0	0	0	1	1	1	0
ESSEX	38	16	0	0	0	6	0	0	0	8	0	6	2
GLOUCESTER	1	1	0	0	0	0	0	0	0	0	0	0	0
HUDSON	10	0	0	0	0	3	0	3	0	4	0	3	0
HUNTERDON	2	0	0	0	1	0	0	0	0	1	0	0	0
MERCER	1	0	0	0	0	0	0	0	0	0	0	1	0
MIDDLESEX	7	0	0	0	1	0	0	0	0	3	3	3	0
MONMOUTH	6	0	0	0	0	2	0	0	0	3	1	0	0
MORRIS	3	1	1	0	0	0	0	0	0	1	0	0	0
OCEAN	7	0	0	0	0	0	0	0	0	4	0	3	0
PASSAIC	2	0	0	0	0	2	0	0	0	0	0	0	0
SOMERSET	3	0	0	0	0	0	0	0	0	0	0	3	0
UNION	6	0	1	0	1	1	0	0	0	2	1	1	0
WARREN	1	0	0	0	0	0	0	0	0	0	1	1	0
*TOTAL UNKNOWN	116	24	2	1	4	17	38	28	2				

TABLE 10

RESIDENT DEATHS -- MATERNAL, INFANT, PERINATAL, NEONATAL AND FETAL
TOTALS BY COUNTY
1987

COUNTY OF RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	1	33	108	28	80
BERGEN	0	62	99	44	55
BURLINGTON	2	38	117	28	89
CAMDEN	1	87	223	58	165
CAPE MAY	0	14	39	11	28
CUMBERLAND	2	29	65	17	48
ESSEX	3	175	279	114	165
GLOUCESTER	1	32	80	20	60
HUDSON	0	85	132	49	83
HUNTERDON	0	7	21	4	17
MERCER	0	72	107	54	53
MIDDLESEX	1	77	138	62	76
MONMOUTH	0	73	108	47	61
MORRIS	0	39	61	25	36
OCEAN	0	37	70	30	40
PASSAIC	0	74	120	44	76
SALEM	0	4	14	2	12
SOMERSET	1	28	49	21	28
SUSSEX	0	11	16	9	7
UNION	1	65	103	39	64
WARREN	1	12	24	11	13
MILITARY	0	3	9	2	7
TOTAL	14	1057	1982	719	1263

TABLE-10 (Continued)

WHITE
1987

COUNTY OF RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	14	57	11	46
BERGEN	0	44	75	29	46
BURLINGTON	1	26	76	18	58
CAMDEN	0	52	130	34	96
CAPE MAY	0	10	34	9	25
CUMBERLAND	0	20	41	11	30
ESSEX	0	34	64	21	43
GLOUCESTER	1	21	59	14	45
HUDSON	0	55	79	33	46
HUNTERDON	0	6	20	3	17
MERCER	0	35	57	29	28
MIDDLESEX	0	60	105	49	56
MONMOUTH	0	47	75	31	44
MORRIS	0	32	56	23	33
OCEAN	0	34	63	27	36
PASSAIC	0	48	81	30	51
SALEM	0	1	11	0	11
SOMERSET	1	23	40	16	24
SUSSEX	0	10	15	8	7
UNION	1	33	58	19	39
WARREN	1	11	22	10	12
STATE INST	0	0	0	0	0
MILITARY	0	2	3	1	2
*TOTAL WHITE	5	618	1221	426	795

TABLE-10 (Continued)
NON-WHITE
1987

COUNTY OF RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	1	19	49	17	32
BERGEN	0	15	18	13	5
BURLINGTON	1	12	41	10	31
CAMDEN	1	34	77	23	54
CAPE MAY	0	4	5	2	3
CUMBERLAND	2	7	22	4	18
ESSEX	3	125	172	77	95
GLOUCESTER	0	10	19	5	14
HUDSON	0	30	48	16	32
HUNTERDON	0	1	1	1	0
MERCER	0	37	50	25	25
MIDDLESEX	1	17	33	13	20
MONMOUTH	0	26	29	16	13
MORRIS	0	6	5	2	3
OCEAN	0	3	6	3	3
PASSAIC	0	26	39	14	25
SALEM	0	3	3	2	1
SOMERSET	0	5	9	5	4
SUSSEX	0	1	1	1	0
UNION	0	32	43	20	23
WARREN	0	1	2	1	1
STATE INST	0	0	0	0	0
MILITARY	0	1	6	1	5
*TOTAL NON-WHITE	9	415	678	271	407

TABLE-10 (Continued)
UNKNOWN
1987

COUNTY OF RESIDENCE	MATERNAL	NUMBER OF DEATHS INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	0	2	0	2
BERGEN	0	3	6	2	4
BURLINGTON	0	0	0	0	0
CAMDEN	0	1	16	1	15
CAPE MAY	0	0	0	0	0
CUMBERLAND	0	2	2	2	0
ESSEX	0	16	43	16	27
GLOUCESTER	0	1	2	1	1
HUDSON	0	0	5	0	5
HUNTERDON	0	0	0	0	0
MERCER	0	0	0	0	0
MIDDLESEX	0	0	0	0	0
MONMOUTH	0	0	0	0	0
MORRIS	0	1	4	0	4
OCEAN	0	0	0	0	0
PASSAIC	0	0	1	0	1
SALEM	0	0	0	0	0
SOMERSET	0	0	0	0	0
SUSSEX	0	0	0	0	0
UNION	0	0	0	0	0
WARREN	0	0	2	0	2
STATE INST	0	0	0	0	0
MILITARY	0	0	0	0	0
*TOTAL UNKNOWN	0	24	83	22	61

TABLE-11

RESIDENT DEATHS -- BY PLACE OF RESIDENCE AND AGE
1987

ATLANTIC COUNTY RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	AGE GROUP							85+	UNK
							35-44	45-54	55-64	65-74	75-84				
ABSECON CITY	84	2	0	0	0	3	3	5	13	17	22	19	0		
ATLANTIC CITY	737	13	1	2	14	29	26	38	90	154	191	178	1		
BRIGANTINE CITY	97	0	2	0	0	1	1	5	17	26	25	20	0		
BUENA BORO	41	1	0	0	1	2	0	2	6	12	14	3	0		
BUENA VISTA TWP	45	1	0	0	2	0	2	1	6	12	13	8	0		
CORBIN CITY	3	0	0	0	0	0	0	0	1	0	2	0	0		
EGG HARBOR CITY	52	0	0	0	0	3	1	2	10	12	18	0	0		
EGG HARBOR TWP	104	5	0	0	3	1	2	8	24	32	16	6	0		
ESTELL MANOR CITY	7	0	0	0	0	0	0	2	2	1	1	13	0		
FOLSOM BORO	19	0	0	0	0	2	1	1	4	4	5	2	0		
GALLOWAY TWP	62	1	0	0	3	3	4	2	7	14	13	15	0		
HAMILTON TWP	120	1	0	1	6	3	2	9	14	24	40	20	0		
HAMMONTON TOWN	177	1	0	1	5	7	6	4	27	39	57	30	0		
LINWOOD CITY	68	0	0	0	0	3	1	5	6	16	16	20	1		
LONGPORT BORO	22	0	0	0	0	0	0	0	1	4	8	9	0		
MARGATE CITY	117	0	0	0	2	2	2	1	16	24	37	33	0		
MULLICA TWP	28	0	0	1	2	0	2	0	5	10	7	1	0		
NORTHFIELD CITY	80	1	1	2	0	0	1	3	9	26	20	17	0		
PLEASANTVILLE CITY	207	6	0	0	4	2	5	11	21	51	58	49	0		
PORT REPUBLIC CITY	7	0	0	0	1	0	0	1	2	0	2	1	0		
SOMERS POINT CITY	146	1	0	0	1	2	2	3	13	34	51	39	0		
VENTNOR CITY	153	0	0	0	0	4	4	6	14	34	49	42	0		
WEYMOUTH TWP	14	0	0	0	0	0	1	0	4	4	3	2	0		
*TOTAL ATLANTIC	2390	33	4	7	44	67	66	109	312	550	668	528	2		

TABLE-II (Continued)

1987

BERGEN COUNTY

RESIDENCE	TOTAL	AGE GROUP													85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK			
ALLEDALE BORO	48	0	0	0	0	1	1	3	3	6	17	17	0	17	0	
ALPINE BORO	2	0	0	0	0	0	0	0	0	1	1	0	0	1	0	
BERGENFIELD BORO	240	2	0	3	7	3	7	11	31	48	76	76	52	18	0	
BOGOTA BORO	75	0	0	0	3	0	3	3	8	23	17	17	18	19	0	
CARLSTADT BORO	60	1	0	0	0	0	0	0	9	16	13	13	19	0	0	
CLIFFSIDE PARK BORO	247	0	1	0	1	4	8	7	31	65	57	57	73	0	0	
CLOSTER BORO	68	0	1	2	1	1	2	2	9	15	18	18	17	0	0	
CRESSKILL BORO	73	1	0	1	2	1	1	2	9	16	15	15	25	0	0	
DEMAREST BORO	44	0	0	0	0	1	0	1	6	9	14	14	13	0	0	
DUMONT BORO	180	1	0	1	2	3	3	6	21	39	59	59	45	0	0	
EAST RUTHERFORD BORO	91	1	0	0	0	2	2	3	13	21	30	30	18	0	0	
EDGEWATER BORO	48	2	0	0	1	2	4	4	7	11	10	10	9	0	0	
ELMWOOD PARK BORO	194	1	0	1	2	4	10	10	21	63	60	60	28	0	0	
EMERSON BORO	64	0	0	0	0	0	1	1	12	13	22	22	16	0	0	
ENGLEWOOD CITY	260	4	2	0	3	7	18	18	39	51	72	72	58	0	0	
ENGLEWOOD CLIFFS BORO	39	1	0	0	0	1	2	2	3	5	13	13	13	0	0	
FAIR LAWN BORO	335	3	0	0	3	0	10	19	46	86	99	99	69	0	0	
FAIRVIEW BORO	139	5	1	0	1	3	3	7	16	33	39	39	31	0	0	
FORT LEE BORO	338	2	0	0	1	6	19	19	33	80	111	111	78	0	0	
FRANKLIN LAKES BORO	49	0	0	1	2	0	4	4	6	14	12	12	9	0	0	
GARFIELD CITY	310	1	2	0	2	7	9	5	41	82	92	92	67	0	0	
GLEN ROCK BORO	71	1	0	0	1	1	11	23	52	64	94	94	18	0	0	
HACKENSACK CITY	364	2	1	0	5	18	11	1	2	9	4	4	4	0	0	
HARRINGTON PARK BORO	22	0	0	0	0	5	0	5	21	35	40	40	27	0	0	
HASBROUCK HEIGHTS BORO	134	1	0	0	0	0	0	0	9	12	14	14	18	0	0	
HAWORTH BORO	46	1	0	1	0	0	4	4	5	17	31	31	17	0	0	
HILLSDALE BORO	78	2	0	0	0	1	0	1	4	7	11	11	7	0	0	
HOHOKUS BORO	32	1	0	0	1	0	0	1	4	7	11	11	7	0	0	
LEONIA BORO	68	0	0	0	0	1	0	2	11	14	22	22	18	0	0	
LITTLE FERRY BORO	96	1	0	0	0	3	3	6	9	24	33	33	17	0	0	
LODI BORO	232	1	1	0	2	5	6	12	37	61	58	58	49	0	0	
LYNDHURST TWP	237	2	1	0	1	3	9	14	33	67	65	65	42	0	0	
MAHWAH TWP	91	1	0	1	1	0	4	5	10	21	33	33	15	0	0	

TABLE-II (Continued)
1987

BERGEN COUNTY

RESIDENCE	TOTAL	AGE GROUP											85+	85+	85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+				
MAYWOOD BORO	122	1	0	0	1	1	5	1	18	32	36	27	0			
MIDLAND PARK BORO	67	1	0	0	0	1	1	4	6	18	17	19	0			
MONTVALE BORO	41	0	0	0	0	0	0	2	7	11	12	9	0			
MOONACHIE BORO	27	0	0	0	0	0	1	3	9	9	3	2	0			
NEW MILFORD BORO	169	2	0	0	0	3	6	6	27	39	55	31	0			
NORTH ARLINGTON BORO	207	0	0	0	0	5	3	7	30	59	65	38	0			
NORTHVALE BORO	20	0	0	0	0	0	0	0	1	3	8	8	0			
NORWOOD BORO	44	0	1	0	1	0	3	1	8	9	13	8	0			
OAKLAND BORO	89	0	0	1	0	2	1	5	12	19	26	23	0			
OLD TAPPAN BORO	26	0	0	1	0	0	2	1	1	4	5	12	0			
ORADELL BORO	70	2	0	0	2	0	0	4	6	16	25	15	0			
PALISADES PARK BORO	143	0	0	0	2	3	4	7	22	28	47	29	1			
PARAMUS BORO	227	1	0	0	2	3	6	13	40	48	59	55	0			
PARK RIDGE BORO	60	0	0	1	0	1	0	1	8	15	23	11	0			
RAMSEY BORO	66	0	0	0	0	0	2	2	14	11	19	18	0			
RIDGEFIELD BORO	118	1	0	0	1	1	2	3	16	30	42	22	0			
RIDGEFIELD PARK TWP	87	0	1	0	1	2	4	3	12	20	30	14	0			
RIDGEWOOD VIL	192	2	0	0	2	2	4	8	18	37	57	62	0			
RIVER EDGE BORO	117	2	2	0	1	1	4	5	9	22	38	33	0			
RIVER VALE TWP	65	0	0	0	0	0	2	5	11	14	12	21	0			
ROCHELLE PARK TWP	98	2	0	0	0	0	2	2	10	31	29	22	0			
ROCKLEIGH BORO	1	0	0	0	0	0	0	0	1	0	0	0	0			
RUTHERFORD BORO	180	2	1	0	1	1	4	6	26	34	69	36	0			
SADDLE BROOK TWP	131	1	0	0	0	4	4	6	20	37	35	24	0			
SADDLE RIVER BORO	14	0	0	0	1	0	0	3	2	0	6	2	0			
SOUTH HACKENSACK TWP	21	0	0	0	0	0	0	0	3	10	4	4	0			
TEANECK TWP	339	4	1	2	2	7	9	34	43	59	93	85	0			
TENAFLY BORO	100	0	0	1	0	0	2	3	12	21	30	31	0			
UPPER SADDLE RIVER BORO	38	0	0	0	1	0	1	0	7	12	8	9	0			
WALDWICK BORO	72	1	0	0	0	3	1	1	15	18	20	13	0			
WALLINGTON BORO	122	0	0	0	0	5	2	7	22	37	29	20	0			
WASHINGTON TWP	48	1	0	2	2	0	0	4	8	12	12	7	0			
WESTWOOD BORO	121	1	0	1	2	1	1	7	12	24	31	41	0			
WOOD-RIDGE BORO	61	0	0	0	0	3	0	2	8	9	20	19	0			
WOODCLIFF LAKE BORO	28	0	0	0	0	0	0	2	3	9	8	6	0			
WYCKOFF TWP	113	0	0	0	1	1	3	3	22	16	32	35	0			
*TOTAL BERGEN	7819	62	16	20	65	134	187	370	1055	1822	2284	1803	1			

TABLE-II (Continued)

1987

BURLINGTON COUNTY

RESIDENCE	TOTAL	AGE GROUP													85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84					
BASS RIVER TWP	12	0	0	0	0	1	1	0	3	0	3	3	3	3	0	0
BEVERLY CITY	42	0	0	0	0	4	0	1	7	10	7	8	12	0	0	0
BORDENTOWN CITY	72	0	0	0	0	3	1	1	14	14	20	20	13	0	0	0
BORDENTOWN TWP	58	2	0	1	0	1	0	8	8	22	22	11	5	0	0	0
BURLINGTON CITY	145	6	0	1	1	5	2	7	16	16	37	41	29	0	0	0
BURLINGTON TWP	93	1	0	0	1	1	5	5	11	11	22	24	23	0	0	0
CHESTERFIELD TWP	16	0	0	0	0	0	0	0	3	3	6	3	4	0	0	0
CINNAMINSON TWP	125	0	0	0	2	2	1	5	23	23	32	27	33	0	0	0
DELANCO TWP	49	0	0	0	1	2	1	2	8	8	16	9	10	0	0	0
DELRAN TWP	83	0	0	0	0	6	1	6	11	11	19	19	21	0	0	0
EASTAMPTON TWP	3	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0
EDGEWATER PARK TWP	42	0	0	0	1	1	2	1	11	11	10	13	3	0	0	0
EVESHAM TWP	151	4	0	0	3	4	2	12	21	21	38	41	26	0	0	0
FIELDSBORO BORO	7	0	0	0	0	0	0	0	4	4	1	1	1	0	0	0
FLORENCE TWP	108	2	0	0	1	1	4	0	14	14	32	34	17	0	0	0
HAINESPORT TWP	19	1	0	0	0	1	1	1	3	3	4	6	2	0	0	0
LUMBERTON TWP	29	0	0	0	0	0	0	0	1	1	8	12	8	0	0	0
MANSFIELD TWP	16	0	0	0	0	1	1	0	1	1	1	7	5	0	0	0
MAPLE SHADE TWP	214	0	1	0	0	3	2	13	36	36	74	62	23	0	0	0
MEDFORD LAKES BORO	27	0	0	1	1	0	0	3	5	5	5	3	7	0	0	0
MEDFORD TWP	140	1	1	0	1	1	6	6	17	17	29	33	45	0	0	0
MOORESTOWN TWP	192	1	1	1	5	3	1	9	5	40	53	73	0	0	0	0
MOUNT HOLLY TWP	175	2	2	0	1	2	6	13	33	33	46	42	28	0	0	0
MOUNT LAUREL TWP	119	1	0	0	2	3	3	11	12	12	30	30	27	0	0	0
NEW HANOVER TWP	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
NORTH HANOVER TWP	11	1	0	0	0	0	1	0	2	2	3	3	1	0	0	0
PALMYRA BORO	76	0	0	1	0	2	2	5	10	10	17	24	15	0	0	0
PEMBERTON BORO	26	3	0	0	1	1	2	4	3	3	7	3	2	0	0	0
PEMBERTON TWP	175	2	2	1	11	8	11	15	35	35	44	37	18	0	0	0
RIVERSIDE TWP	101	1	0	0	3	0	2	5	14	14	20	41	15	0	0	0
RIVERTON BORO	14	1	0	0	1	0	0	0	0	0	3	6	3	0	0	0
SHAMONG TWP	17	0	0	0	0	0	1	5	1	1	5	3	2	0	0	0
SOUTHAMPTON TWP	147	0	0	0	0	2	2	4	12	12	47	60	20	0	0	0

TABLE-11 (Continued)

1987

BURLINGTON COUNTY

RESIDENCE	TOTAL	AGE GROUP											UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
SPRINGFIELD TWP	14	0	0	0	1	0	1	4	3	4	0	0	0
TABERNACLE TWP	36	0	0	1	4	0	1	5	6	11	3	0	0
WASHINGTON TWP	3	0	0	0	0	0	0	0	0	2	1	0	0
WESTAMPTON TWP	6	0	0	0	0	0	1	1	2	1	1	0	0
WILLINGBORO TWP	237	7	2	3	7	15	14	27	41	34	30	0	0
WOODLAND TWP	7	1	0	0	1	0	0	0	3	0	1	0	0
WRIGHTSTOWN BORO	31	1	0	0	0	1	1	6	12	4	1	0	0
*TOTAL BURLINGTON	2839	38	9	10	40	74	81	186	417	736	531	0	0

1987

CAMDEN COUNTY

RESIDENCE	TOTAL	AGE GROUP											UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
AUDUBON BORO	93	2	0	0	0	0	1	6	13	25	18	0	0
AUDUBON PARK BORO	19	0	0	0	0	0	0	2	2	7	4	0	0
BARRINGTON BORO	58	1	0	0	0	0	0	2	8	18	11	0	0
BELLMAR BORO	128	2	1	0	0	3	2	8	16	51	27	18	0
BERLIN BORO	100	1	0	0	3	0	5	6	12	26	21	0	0
BERLIN TWP	21	0	0	0	2	0	0	2	4	7	2	0	0
BROOKLAWN BORO	26	1	0	0	1	0	0	0	3	9	3	0	0
CAMDEN CITY	855	37	10	8	23	44	60	78	130	192	177	96	0
CHERRY HILL TWP	594	2	1	2	11	11	14	26	69	138	157	163	0
CHESILHURST BORO	9	0	0	0	0	0	0	1	3	1	2	0	0
CLEMENTON BORO	82	1	1	0	0	2	2	8	10	22	27	9	0
COLLINGSWOOD BORO	222	1	1	0	1	3	3	9	15	45	76	68	0
GIBBSBORO BORO	27	0	0	1	0	1	2	1	4	6	4	8	0
GLOUCESTER CITY	196	4	0	0	1	4	7	10	36	53	48	33	0
GLOUCESTER TWP	224	1	0	0	8	3	5	17	33	58	59	40	0
HADDON HEIGHTS BORO	81	2	0	0	0	2	2	3	11	15	28	18	0
HADDON TWP	180	2	0	0	2	2	2	7	18	49	54	44	0

TABLE-11 (Continued)
1987

CAMDEN COUNTY RESIDENCE	AGE GROUP											UNK		
	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84		85+	
HADDONFIELD BORO	111	2	0	0	0	0	3	0	6	12	31	31	26	0
HI-NELLA BORO	8	0	0	0	2	0	0	1	0	1	2	0	2	0
LAUREL SPRINGS BORO	14	0	0	0	0	1	1	0	2	3	1	5	2	0
LAWNSIDE BORO	44	1	0	0	0	1	1	1	2	8	11	14	6	0
LINDENWOLD BORO	106	1	1	1	1	5	8	8	19	28	20	20	14	0
MAGNOLIA BORO	46	3	0	1	0	1	1	0	4	8	14	7	8	0
MERCHANTVILLE BORO	58	1	0	0	0	0	0	1	2	5	11	18	20	0
MOUNT EPHRAIM BORO	62	0	0	0	0	2	2	0	3	10	15	16	16	0
OAKLYN BORO	67	0	0	0	0	2	2	2	2	7	23	23	8	0
PENNSAUKEN TWP	383	8	0	1	5	7	6	16	16	55	93	110	82	0
PINE HILL BORO	56	0	0	0	3	0	2	3	3	8	19	14	7	0
RUNNEMEDE BORO	78	1	0	0	0	0	1	5	5	17	17	25	12	0
SOMERDALE BORO	63	2	1	0	4	2	2	5	5	7	24	9	7	0
STRATFORD BORO	73	2	0	0	0	1	0	4	4	15	20	18	13	0
VOORHEES TWP	101	4	1	0	0	1	1	5	5	16	21	26	22	0
WATERFORD TWP	81	0	1	0	2	1	4	8	8	11	19	23	12	0
WINSLOW TWP	123	5	0	1	4	3	8	9	9	14	32	29	18	0
WOOD-LYNNE BORO	34	0	0	0	0	3	1	0	0	5	13	8	4	0
*TOTAL CAMDEN	4423	87	18	15	73	108	147	270	608	1113	1147	837	0	0

TABLE-11 (Continued)

1987

CAPE MAY COUNTY

RESIDENCE	AGE GROUP											UNK					
	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+						
TOTAL	34	95	5	43	244	186	64	216	36	22	70	15	3	87	44	19	1183
AVALON BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPE MAY CITY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAPE MAY POINT BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENNIS TWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOWER TWP	2	1	0	2	2	1	2	4	1	1	1	1	1	1	1	1	1
MIDDLE TWP	2	0	0	2	2	1	2	7	9	27	38	17	13	21	43	21	0
NORTH WILDWOOD CITY	2	0	0	1	0	2	1	1	1	7	17	43	71	13	57	0	0
OCEAN CITY	2	0	0	2	1	5	4	31	4	4	10	14	14	4	4	0	0
SEA ISLE CITY	1	0	0	1	1	0	0	1	1	1	2	13	4	4	4	0	0
STONE HARBOR BORO	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPPER TWP	0	0	0	1	1	1	1	1	1	5	26	26	10	10	10	0	0
WEST CAPE MAY BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST WILDWOOD BORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WILDWOOD CITY	1	0	0	1	0	1	3	15	22	22	22	21	21	22	22	0	0
WILDWOOD CREST BORO	1	1	0	0	0	0	0	0	0	0	13	15	15	12	12	0	0
WOODBINE BORO	0	0	0	0	1	0	4	2	2	3	5	3	3	1	1	1	0
*TOTAL CAPE MAY	14	2	1	10	9	24	36	137	294	381	275	0	0	0	0	0	0

CUMBERLAND COUNTY

RESIDENCE	AGE GROUP											UNK				
	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+					
TOTAL	307	30	21	16	21	7	27	21	23	294	2	7	53	459	1288	
BRIDGETON CITY	9	0	2	10	10	8	14	49	64	83	58	0	0	0	0	0
COMMERCIAL TWP	0	0	2	1	2	1	3	3	8	4	6	0	0	0	0	0
DEERFIELD TWP	1	0	0	2	1	1	1	1	2	8	4	0	0	0	0	0
DOWNE TWP	1	0	0	1	0	0	0	1	6	3	4	0	0	0	0	0
FAIRFIELD TWP	1	0	0	1	0	0	1	4	5	6	3	0	0	0	0	0
GREENWICH TWP	0	0	0	0	1	1	0	0	1	3	1	0	0	0	0	0
HOPEWELL TWP	0	0	0	0	0	1	1	4	4	12	5	0	0	0	0	0
LAWRENCE TWP	0	0	0	0	0	1	0	2	10	5	3	0	0	0	0	0
MAURICE RIVER TWP	0	0	1	0	0	0	1	4	7	9	1	0	0	0	0	0
MILLVILLE CITY	6	3	0	3	14	11	20	35	66	77	59	0	0	0	0	0
SHILOH BORO	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
STOW CREEK TWP	0	0	0	0	0	1	0	0	3	2	1	0	0	0	0	0
UPPER DEERFIELD TWP	2	0	0	0	3	1	1	11	11	15	9	0	0	0	0	0
VINELAND CITY	9	0	1	12	8	13	30	71	96	120	99	0	0	0	0	0
*TOTAL CUMBERLAND	29	3	6	30	39	39	72	185	284	347	254	0	0	0	0	0

TABLE-11 (Continued)

Deaths 1987

ESSEX COUNTY RESIDENCE	TOTAL	AGE GROUP										85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84		
BELLEVILLE TOWN	371	5	0	0	4	6	11	15	62	94	105	69	0
BLOOMFIELD TOWN	527	1	3	0	3	7	13	18	74	128	173	107	0
CALDWELL BORO	119	0	1	0	0	3	1	4	8	16	47	39	0
CEDAR GROVE TWP	122	0	0	0	0	2	2	8	17	24	40	29	0
EAST ORANGE CITY	890	27	2	4	12	65	66	85	118	188	174	148	1
ESSEX FELLS BORO	15	0	0	0	0	1	1	0	2	3	4	4	0
FAIRFIELD BORO	46	0	0	0	0	3	3	5	5	12	11	7	0
GLEN RIDGE BORO	70	0	0	0	3	2	1	3	8	9	20	24	0
IRVINGTON TOWN	603	13	0	4	11	33	48	41	80	116	146	110	1
LIVINGSTON TWP	203	2	1	1	2	5	4	13	22	72	39	42	0
MAPLEWOOD TWP	239	2	0	0	2	0	7	6	19	48	89	65	1
MILLBURN TWP	172	0	2	0	2	3	2	3	17	39	67	37	0
MONTCLAIR TOWN	388	5	0	1	4	4	18	12	37	62	103	142	0
NEWARK CITY	3192	97	20	21	66	310	341	330	516	584	531	350	6
NORTH CALDWELL BORO	19	0	0	0	1	0	0	0	5	2	5	6	0
NUTLEY TOWN	339	3	0	0	2	6	8	17	46	89	82	86	0
ORANGE CITY	353	10	0	0	5	16	29	22	45	81	85	60	0
ROSELAND BORO	54	1	0	0	2	1	0	3	8	9	20	10	0
SOUTH ORANGE VIL	126	0	0	1	1	3	5	6	13	23	39	35	0
VERONA BORO	155	3	0	0	2	2	2	6	11	34	59	36	0
WEST CALDWELL BORO	89	0	0	0	1	3	0	1	7	27	28	22	0
WEST ORANGE TOWN	480	6	0	1	2	7	12	10	48	88	152	154	0
*TOTAL ESSEX	8572	175	29	33	145	482	574	608	1168	1748	2019	1582	9

TABLE-11 (Continued)
1987

GLOUCESTER COUNTY RESIDENCE	TOTAL	AGE GROUP											UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
CLAYTON BORO	39	0	0	0	0	1	4	2	10	5	8	9	0
DEPTFORD TWP	154	5	0	0	3	4	4	8	25	52	32	21	0
EAST GREENWICH TWP	46	0	0	0	0	2	0	1	7	11	13	12	0
ELK TWP	13	1	0	0	0	0	0	1	2	4	5	0	0
FRANKLIN TWP	90	2	1	2	3	2	4	13	7	21	22	13	0
GLASSBORO BORO	105	4	1	1	2	4	1	6	16	21	32	17	0
GREENWICH TWP	68	0	1	1	2	3	1	1	9	19	23	8	0
HARRISON TWP	51	1	0	2	2	1	3	3	4	16	11	8	0
LOGAN TWP	10	1	0	0	0	1	2	0	0	1	4	1	0
MANTUA TWP	138	5	0	1	3	3	2	8	25	34	31	26	0
MONROE TWP	183	0	0	0	3	1	6	15	29	55	49	25	0
NATIONAL PARK BORO	39	0	0	2	0	0	2	1	9	13	9	2	1
NEWFIELD BORO	31	2	0	0	0	0	1	3	3	8	12	2	0
PAULSBORO BORO	89	3	1	0	1	0	5	3	9	26	20	21	0
PITMAN BORO	106	1	1	0	1	0	5	2	10	25	24	37	0
SOUTH HARRISON TWP	4	0	0	0	1	0	0	1	0	2	0	0	0
SWEDESBORO BORO	31	0	0	0	0	0	2	4	4	8	7	6	0
WASHINGTON TWP	117	4	0	1	7	1	4	8	19	34	21	18	0
WENONAH BORO	53	0	1	0	1	0	1	2	6	18	11	13	0
WEST DEPTFORD TWP	84	1	0	0	3	2	4	7	13	22	18	14	0
WESTVILLE BORO	62	0	0	1	1	0	2	3	10	19	18	8	0
WOODBURY CITY	176	1	1	0	2	3	5	5	19	35	55	49	1
WOODBURY HEIGHTS BORO	30	1	0	0	0	1	1	0	5	8	9	5	0
WOOLWICH TWP	6	0	0	0	0	0	0	0	0	0	5	1	0
*TOTAL GLOUCESTER	1725	32	7	11	35	29	59	97	241	457	439	316	2

TABLE-II (Continued)
1987

RESIDENCE	AGE GROUP														TOTAL	UNK			
	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+								
HUDSON COUNTY																			
BAYONNE CITY	5	0	1	3	26	24	36	114	234	223	128	1							
EAST NEWARK BORO	0	0	0	0	2	0	0	4	6	4	4	0							
GUTTENBERG TOWN	4	0	0	1	2	6	5	8	3	19	15	0							
HARRISON TOWN	3	1	1	1	5	3	9	30	33	37	19	0							
HOBOKEN CITY	1	1	1	2	16	20	15	54	84	84	59	1							
JERSEY CITY	49	13	10	35	167	207	169	330	539	542	420	2							
KEARNY TOWN	6	1	0	5	8	9	20	58	106	95	76	0							
NORTH BERGEN TWP	2	1	0	6	14	19	29	66	119	168	119	0							
SECAUCUS TOWN	0	0	0	1	3	9	13	23	41	43	22	0							
UNION CITY	9	2	0	2	21	30	31	70	96	121	88	0							
WEEHAWKEN TWP	1	0	0	1	7	5	3	16	26	34	21	0							
WEST NEW YORK TOWN	5	1	1	7	10	8	22	47	72	112	79	0							
*TOTAL HUDSON	85	20	14	64	281	340	352	820	1359	1482	1050	4							

TABLE-11 (Continued)

1987

HUNTERDON COUNTY

RESIDENCE	TOTAL	AGE GROUP											UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
ALEXANDRIA TWP	17	0	0	0	0	0	1	4	3	6	2	0	
BETHELEM TWP	5	0	0	0	0	0	0	1	0	2	1	0	
BLOOMSBURY BORO	10	0	0	0	0	1	1	1	3	1	1	0	
CALIFON BORO	7	0	0	0	0	0	0	1	2	1	3	0	
CLINTON TOWN	24	0	0	0	1	0	1	1	7	7	4	0	
CLINTON TWP	24	0	0	1	0	0	0	6	2	8	4	0	
DELAWARE TWP	20	0	0	1	0	0	2	2	3	3	7	0	
EAST AMWELL TWP	19	0	0	0	2	0	0	2	5	8	2	0	
FLEMINGTON BORO	62	1	1	2	2	1	1	8	10	20	12	0	
FRANKLIN TWP	22	2	0	0	0	0	1	2	6	5	6	0	
FRENCHTOWN BORO	17	1	0	0	0	0	0	1	6	7	2	0	
GLEN GARDNER BORO	24	0	1	0	0	0	0	3	3	8	8	0	
HAMPTON BORO	13	0	0	0	0	1	0	1	5	6	0	0	
HIGH BRIDGE BORO	23	0	0	0	0	1	1	5	1	9	6	0	
HOLLAND TWP	16	0	1	0	1	0	0	3	2	4	5	0	
KINGWOOD TWP	21	0	0	0	1	0	1	2	4	8	4	0	
LAMBERTVILLE CITY	54	1	0	0	1	0	1	2	23	18	8	0	
LEBANON BORO	18	0	0	1	0	2	1	3	2	4	5	0	
LEBANON TWP	41	0	0	0	1	0	3	5	8	12	8	0	
MILFORD BORO	21	0	0	0	2	0	0	4	2	6	6	0	
RARITAN TWP	61	1	0	0	1	0	2	6	14	17	20	0	
READINGTON TWP	68	1	0	1	2	1	1	10	13	17	16	0	
STOCKTON BORO	3	0	0	0	0	0	0	1	0	2	0	0	
TEWKSBURY TWP	15	0	0	0	0	0	0	2	5	3	5	0	
UNION TWP	21	0	0	0	0	0	0	1	6	6	8	0	
WEST AMWELL TWP	1	0	0	0	0	0	0	0	0	0	0	0	
*TOTAL HUNTERDON	627	7	3	6	14	7	15	32	77	135	188	143	0

TABLE-II (Continued)

1987

MERCER COUNTY RESIDENCE	AGE GROUP											UNK
	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
EAST WINDSOR TWP	5	0	1	6	3	8	13	7	17	27	29	0
EWING TWP	4	0	0	2	5	8	22	41	87	105	75	0
HAMILTON TWP	15	1	2	14	11	15	36	106	211	202	159	0
HIGHTSTOWN BORO	0	0	0	0	0	0	1	7	10	30	18	0
HOPEWELL BORO	4	0	0	0	0	0	0	1	0	0	3	0
HOPEWELL TWP	83	2	0	1	3	3	4	11	18	19	22	0
LAWRENCE TWP	157	4	0	1	4	2	6	16	40	41	43	0
PENNINGTON BORO	21	1	0	1	0	0	0	3	6	4	6	0
PRINCETON BORO	99	3	0	0	0	0	4	9	21	34	27	0
PRINCETON TWP	83	0	0	2	2	1	2	8	16	22	30	0
TRENTON CITY	1263	36	7	18	53	60	81	198	309	285	206	0
WASHINGTON TWP	36	1	0	0	0	1	3	7	9	11	4	0
WEST WINDSOR TWP	41	0	0	3	1	0	1	5	9	9	12	0
*TOTAL MERCER	3090	72	8	48	82	98	173	419	753	789	634	0

TABLE-11 (Continued)

1987

MIDDLESEX COUNTY RESIDENCE	TOTAL	AGE GROUP											85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
CARTERET BORO	196	6	0	0	1	5	8	16	33	62	40	25	0	
CRANBURY TWP	92	2	0	0	0	0	0	2	11	36	26	15	0	
DUNELLEN BORO	59	0	0	0	0	3	1	2	7	13	17	16	0	
EAST BRUNSWICK TWP	239	3	0	2	3	6	16	12	40	64	52	41	0	
EDISON TWP	593	9	2	1	6	11	21	35	97	155	160	96	0	
HELMETTA BORO	13	0	0	0	0	0	0	1	1	3	5	3	0	
HIGHLAND PARK BORO	118	1	0	0	0	2	1	2	21	28	40	23	0	
JAMESBURG BORO	61	0	0	0	0	4	1	3	5	18	15	15	0	
METUCHEN BORO	142	1	0	0	1	4	5	9	25	42	35	20	0	
MIDDLESEX BORO	117	2	1	0	1	5	6	9	17	36	25	15	0	
MILLTOWN BORO	71	0	0	0	2	1	3	2	8	20	20	15	0	
MONROE TWP	168	1	0	1	0	1	2	9	19	42	57	36	0	
NEW BRUNSWICK CITY	378	7	2	3	6	17	23	21	68	85	86	60	0	
NORTH BRUNSWICK TWP	169	3	1	0	2	7	6	11	25	46	42	26	0	
OLD BRIDGE TWP	331	6	0	1	5	13	18	22	66	74	84	42	0	
PERTH AMBOY CITY	409	9	0	1	1	11	13	21	55	105	120	73	0	
PISCATAWAY TWP	219	4	1	1	5	12	12	11	34	55	43	41	0	
PLAINSBORO TWP	35	0	1	0	1	7	3	3	4	7	6	3	0	
SAYREVILLE BORO	304	3	1	1	3	4	9	19	62	86	71	45	0	
SOUTH AMBOY CITY	144	4	0	0	1	2	7	5	17	33	48	27	0	
SOUTH BRUNSWICK TWP	94	0	0	0	3	1	6	7	12	26	28	11	0	
SOUTH PLAINFIELD BORO	163	2	0	0	2	1	3	10	25	48	39	33	0	
SOUTH RIVER BORO	139	2	0	0	1	4	6	8	25	35	38	20	0	
SPOTSWOOD BORO	83	1	0	2	1	0	1	7	18	21	23	9	0	
WOODBIDGE TWP	783	11	0	3	9	23	23	41	128	215	209	121	0	
*TOTAL MIDDLESEX	5120	77	9	16	54	144	194	288	823	1355	1329	831	0	

TABLE-11 (Continued)

1987

MONMOUTH COUNTY

RESIDENCE	TOTAL	AGE GROUP													UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+			
ABERDEEN TWP	90	1	1	0	0	4	3	7	17	22	23	12	0		
ALLENHURST BORO	13	0	0	0	0	0	1	1	0	5	3	3	0		
ALLENTOWN BORO	18	0	0	0	0	0	0	1	2	2	7	6	0		
ASBURY PARK CITY	246	8	0	0	0	11	13	14	38	45	64	53	0		
ATLANTIC HIGHLANDS BORO	68	0	0	0	0	5	1	3	7	10	27	15	0		
AVON-BY-THE-SEA BORO	36	0	0	0	0	0	1	2	4	4	13	12	0		
BELMAR BORO	96	0	0	0	1	2	3	5	9	28	33	15	0		
BRADLEY BEACH BORO	54	1	0	0	0	1	1	2	8	14	16	11	0		
BRIELLE BORO	42	0	0	0	0	2	1	4	7	8	9	11	0		
COLTS NECK TOWNSHIP	36	0	0	0	3	0	1	1	1	9	12	9	0		
DEAL BORO	17	0	0	0	0	0	0	0	4	4	3	6	0		
EATONTOWN BORO	101	2	0	0	2	1	1	5	16	33	20	21	0		
ENGLISHTOWN BORO	78	1	0	0	1	1	4	4	8	26	22	11	0		
FAIR HAVEN BORO	42	1	0	0	2	0	0	2	12	7	11	7	0		
FARMINGDALE BORO	18	0	0	0	0	0	0	1	6	5	1	5	0		
FREEHOLD BORO	81	4	0	0	2	2	7	5	7	25	17	12	0		
FREEHOLD TWP	221	3	1	1	0	5	6	11	21	48	77	48	0		
HAZLET TWP	174	1	0	1	1	3	5	13	34	41	43	32	0		
HIGHLANDS BORO	64	0	0	0	3	3	2	3	8	20	17	8	0		
HOLMDEL TWP	79	0	0	0	1	1	0	3	13	12	27	22	0		
HOWELL TWP	186	5	2	1	2	6	12	9	26	41	53	29	0		
INTERLAKEN BORO	18	0	0	1	0	0	0	0	3	5	4	5	0		
KEANSBURG BORO	155	2	1	0	1	3	8	7	32	44	40	17	0		
KEYPORT BORO	105	0	0	1	2	3	3	6	12	26	29	23	0		
LITTLE SILVER BORO	42	0	0	0	1	1	1	3	5	6	13	12	0		
LOCH ARBOUR VILLAGE	3	0	0	0	0	0	0	0	0	2	0	1	0		
LONG BRANCH CITY	344	5	3	1	7	4	15	11	41	81	99	76	1		
MANALAPAN TWP	110	2	0	1	2	2	3	10	15	31	32	12	0		
MANASQUAN BORO	115	3	0	0	2	1	2	2	15	24	44	22	0		
MARLBORO TWP	109	1	1	2	0	4	6	13	13	31	22	16	0		
MATAWAN BORO	146	1	0	0	1	3	1	5	26	36	43	30	0		
MIDDLETOWN TWP	536	6	0	2	8	11	14	24	83	132	157	99	0		
MILLSTONE TWP	41	0	0	0	0	0	0	3	8	11	12	7	0		

TABLE-11 (Continued)

1987

MONMOUTH COUNTY

RESIDENCE	TOTAL	AGE GROUP										85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84		
MONMOUTH BEACH BORO	32	1	0	0	1	0	3	3	6	11	3	4	0
NEPTUNE CITY BORO	25	0	0	0	0	2	0	1	1	5	9	7	0
NEPTUNE TWP	439	9	0	0	5	17	12	16	52	92	99	137	0
OCEAN TWP	207	4	0	3	1	3	5	8	22	52	58	51	0
OCEANPORT BORO	40	0	0	1	1	1	1	2	7	4	14	9	0
RED BANK BORO	204	4	0	0	1	2	5	7	22	55	54	54	0
ROOSEVELT BORO	1	0	0	0	0	0	0	0	1	0	0	0	0
RUMSON BORO	51	0	0	0	0	0	0	2	7	15	11	16	0
SEA BRIGHT BORO	17	0	0	0	0	0	0	0	3	3	7	4	0
SEA GIRT BORO	51	2	0	0	0	0	0	0	4	9	19	17	0
SHREWSBURY BORO	19	0	0	1	0	0	0	0	1	6	8	3	0
SHREWSBURY TWP	19	1	0	0	0	0	1	2	2	4	5	4	0
SOUTH BELMAR BORO	22	0	0	0	0	0	1	0	0	9	9	3	0
SPRING LAKE BORO	50	0	0	0	0	0	1	0	2	7	22	18	0
SPRING LAKE HEIGHTS BORO	86	0	0	0	1	0	1	2	10	18	23	31	0
TINTON FALLS BORO	50	1	0	0	0	1	5	1	8	15	9	10	0
UNION BEACH BORO	76	1	1	1	1	1	4	0	16	21	18	12	0
UPPER FREEHOLD TWP	21	1	0	0	1	2	1	0	3	6	6	1	0
WALL TWP	188	2	0	0	2	3	4	7	27	29	58	56	0
WEST LONG BRANCH BORO	70	0	0	0	0	2	0	5	6	19	17	21	0
*TOTAL MONMOUTH	5152	73	10	17	56	113	159	236	701	1218	1442	1126	1

MORRIS COUNTY

RESIDENCE	TOTAL	AGE GROUP										85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84		
BOONTON TOWN	112	3	0	1	0	2	4	4	16	19	32	31	0
BOONTON TWP	7	0	0	0	0	0	0	0	2	1	2	2	0
BUTLER BORO	50	1	0	0	0	3	0	3	8	8	15	12	0
CHATHAM BORO	104	1	1	0	2	1	0	4	10	21	29	35	0
CHATHAM TWP	46	0	0	0	1	0	1	4	7	5	11	17	0
CHESTER BORO	15	0	0	0	0	0	1	2	2	2	4	4	0
CHESTER TWP	25	0	0	0	0	0	1	2	7	4	8	3	0

TABLE-11 (Continued)

1987

MORRIS COUNTY

RESIDENCE	TOTAL	AGE GROUP											85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
DENVILLE TWP	113	1	1	0	0	3	4	4	14	26	30	30	0	
DOVER TOWN	134	3	0	0	1	3	5	8	13	42	29	29	1	
EAST HANOVER TWP	63	0	0	0	1	2	1	6	10	16	18	9	0	
FLORHAM PARK BORO	88	0	0	0	1	1	3	3	18	14	17	31	0	
HANOVER TWP	79	1	0	0	0	4	3	4	20	17	15	15	0	
HARDING TWP	24	0	0	0	0	0	0	1	8	7	3	5	0	
JEFFERSON TWP	99	0	0	0	2	1	2	7	14	28	26	19	0	
KINNELON BORO	46	2	0	0	2	0	0	1	4	12	11	14	0	
LINCOLN PARK BORO	94	2	0	0	2	1	4	0	6	16	27	36	0	
MADISON BORO	127	1	0	0	1	1	5	7	16	28	32	35	1	
MENDHAM BORO	29	0	0	0	0	0	0	2	3	10	6	8	0	
MENDHAM TWP	36	0	0	0	0	0	0	0	6	9	9	12	0	
MINE HILL TWP	21	0	0	0	1	2	0	0	6	4	4	4	0	
MONTVILLE TWP	89	1	0	0	1	1	0	9	9	21	28	19	0	
MORRIS PLAINS BORO	78	1	0	0	1	3	4	8	9	17	21	14	0	
MORRIS TWP	100	0	0	0	2	2	3	7	12	20	23	31	0	
MORRISTOWN TOWN	234	7	0	0	2	6	5	13	28	43	60	70	0	
MOUNT ARLINGTON BORO	17	0	0	0	0	0	1	0	4	2	5	5	0	
MOUNT OLIVE TWP	100	2	4	1	4	4	4	12	12	19	23	15	0	
MOUNTAIN LAKES BORO	22	0	0	0	0	0	0	1	6	2	6	7	0	
MOUNTAIN LAKES BORO	35	0	0	2	0	1	1	2	2	9	12	6	0	
NETCONG BORO	283	3	1	4	9	9	9	24	45	62	82	35	0	
PARSIPPANY-TROY HILLS TWP	54	0	0	0	1	1	0	1	6	16	16	13	0	
PASSAIC TWP	99	0	0	0	1	3	2	5	12	20	32	24	0	
PEQUANNOCK TWP	94	3	0	1	1	2	3	5	18	19	26	16	0	
RANDOLPH TWP	26	2	0	0	1	0	0	0	6	6	5	6	0	
RIVERDALE BORO	58	1	0	0	2	3	2	5	8	12	15	10	0	
ROCKAWAY BORO	79	1	0	0	4	1	4	6	13	18	18	14	0	
ROCKAWAY TWP	126	3	0	2	1	0	7	6	18	26	33	30	0	
ROXBURY TWP	7	0	0	0	0	1	0	0	2	3	0	1	0	
VICTORY GARDENS BORO	69	0	0	1	0	0	3	3	4	10	26	22	0	
WASHINGTON TWP	52	0	0	0	0	1	1	2	4	7	5	5	0	
WHARTON BORO														
*TOTAL MORRIS	2934	39	7	12	44	62	85	171	408	621	789	694	2	

TABLE-11 (Continued)
1987

OCEAN COUNTY

RESIDENCE	TOTAL	AGE GROUP											85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
BARNEGAT LIGHT BORO	13	0	0	0	0	0	0	1	1	3	5	3	0	0
BARNEGAT TWP	103	0	0	0	2	0	5	4	12	43	21	16	0	0
BAY HEAD BORO	20	0	0	0	0	0	0	0	1	5	6	8	0	0
BEACH HAVEN BORO	30	0	0	0	0	0	1	1	2	13	8	5	0	0
BEACHWOOD BORO	65	1	1	0	0	1	2	4	7	13	22	14	0	0
BERKELEY TWP	490	3	0	0	1	1	5	5	51	172	168	84	0	0
BRICK TWP	592	5	1	4	2	4	8	30	70	169	189	110	0	0
DOVER TWP	975	9	1	1	11	12	20	34	104	290	307	186	0	0
EAGLESWOOD TWP	26	1	0	0	0	0	0	2	2	4	10	7	0	0
HARVEY CEDARS BORO	2	0	0	0	0	0	0	0	0	1	1	0	0	0
ISLAND HEIGHTS BORO	18	2	0	0	0	1	0	0	3	3	5	4	0	0
JACKSON TWP	265	1	2	1	8	6	8	20	43	52	93	31	0	0
LACEY TWP	218	2	0	0	4	4	6	7	29	50	75	41	0	0
LAKEHURST BORO	112	1	0	0	2	1	5	3	6	24	47	23	0	0
LAKESWOOD TWP	674	6	4	3	6	11	13	20	45	103	258	205	0	0
LAVALLETTTE BORO	53	0	1	0	0	1	1	0	3	14	24	9	0	0
LITTLE EGG HARBOR TWP	94	1	0	0	0	1	1	7	12	28	31	13	0	0
LONG BEACH TWP	43	0	0	0	0	0	0	0	5	16	12	10	0	0
MANCHESTER TWP	770	0	0	1	0	1	5	3	26	224	355	155	0	0
MANTOLOKING BORO	13	0	0	0	0	0	0	0	0	6	4	3	0	0
OCEAN GATE BORO	27	0	0	0	0	0	0	1	4	8	8	5	0	0
OCEAN TWP	60	0	0	0	1	0	1	4	9	17	16	12	0	0
PINE BEACH BORO	21	0	0	0	0	0	0	0	2	7	5	7	0	0
PLUMSTED TWP	45	1	0	0	0	2	1	5	10	9	12	5	0	0
POINT PLEASANT BEACH BORO	51	1	0	0	0	1	1	0	2	15	13	18	0	0
POINT PLEASANT BORO	249	3	0	0	0	1	4	12	27	60	81	61	0	0
SEASIDE HEIGHTS BORO	37	0	0	0	0	3	3	1	4	10	11	5	0	0
SEASIDE PARK BORO	46	0	0	0	0	1	1	1	8	11	14	10	0	0
SHIP BOTTOM BORO	20	0	0	0	0	0	0	0	3	4	9	4	0	0
SOUTH TOMS RIVER BORO	25	0	0	0	1	0	2	3	6	6	7	0	0	0
STAFFORD TWP	125	0	0	2	0	0	2	5	20	48	30	18	0	0
SURF CITY BORO	21	0	0	0	0	0	1	0	3	10	7	0	0	0
TUCKERTON BORO	68	0	0	0	1	2	4	1	4	24	20	12	0	0
*TOTAL OCEAN	5371	37	10	12	39	54	101	174	524	1462	1874	1084	0	0

TABLE-11 (Continued)

1987

PASSAIC COUNTY

RESIDENCE	TOTAL	AGE GROUP										85+	UNK
		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
BLOOMINGDALE BORO	51	0	0	0	0	4	5	4	13	11	14	0	0
CLIFTON CITY	934	6	1	3	12	17	27	121	229	294	223	0	0
HALEDON BORO	103	0	1	0	1	3	6	10	20	35	27	0	0
HAWTHORNE BORO	184	3	0	0	3	4	9	14	41	58	52	0	0
LITTLE FALLS TWP	106	1	1	1	0	0	5	8	25	34	31	0	0
NORTH HALEDON BORO	77	0	1	0	3	0	3	2	18	31	19	0	0
PASSAIC CITY	534	14	3	7	32	35	25	68	127	128	91	0	0
PATERSON CITY	1283	42	6	23	82	93	92	156	244	293	244	2	2
POMPTON LAKES BORO	58	0	0	2	3	0	2	9	15	12	15	0	0
PROSPECT PARK BORO	56	1	0	1	2	2	2	6	10	16	16	0	0
RINGWOOD BORO	59	0	0	1	1	3	1	7	15	20	11	0	0
TOTOWA BORO	135	0	2	4	2	2	3	18	34	34	36	0	0
WANAUQUE BORO	67	1	0	2	1	2	1	6	14	21	19	0	0
WAYNE TWP	396	4	1	2	8	8	17	54	94	114	94	0	0
WEST MILFORD TWP	160	2	0	6	4	9	13	22	30	40	33	0	0
WEST PATERSON BORO	89	0	0	2	4	5	5	8	18	30	17	0	0
*TOTAL PASSAIC	4292	74	12	54	158	187	216	513	947	1171	942	2	2

SALEM COUNTY

RESIDENCE	TOTAL	AGE GROUP										85+	UNK
		1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
ALLOWAY TWP	13	0	0	1	0	0	1	1	2	5	3	0	0
CARNEYS POINT TWP	89	0	0	0	1	3	6	16	22	22	19	0	0
ELMER BORO	30	0	0	0	1	0	3	2	8	12	4	0	0
ELSINBORO TWP	8	0	0	0	0	0	0	2	4	2	0	0	0
LOWER ALLOWAY CREEK TWP	8	0	0	0	0	0	1	1	1	4	1	0	0
MANNINGTON TWP	11	0	0	0	1	0	2	0	2	3	3	0	0
OLDMANS TWP	21	0	0	0	0	2	1	4	5	5	4	0	0
PENNS GROVE BORO	84	1	0	1	1	4	10	12	21	17	17	0	0
PENNSVILLE TWP	132	0	0	1	3	8	4	22	40	38	16	0	0
PILES GROVE TWP	18	0	1	0	1	0	1	1	3	6	5	0	0
PITTS GROVE TWP	35	0	0	0	1	0	5	6	12	4	7	0	0
QUINTON TWP	27	0	1	0	0	1	4	4	3	8	6	0	0
SALEM CITY	105	3	0	2	3	4	8	5	25	33	22	0	0
UPPER PITTS GROVE TWP	18	0	1	1	1	1	1	4	4	4	1	0	0
WOODSTOWN BORO	59	0	0	1	1	1	0	4	15	17	20	0	0
*TOTAL SALEM	658	4	2	7	14	24	47	84	167	185	128	0	0

TABLE-II (Continued)
1987

SOMERSET COUNTY RESIDENCE	TOTAL	AGE GROUP											85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84			
BEDMINSTER TWP	22	2	0	0	0	1	1	0	4	3	6	5	0	
BERNARDS TWP	118	1	0	1	2	1	6	4	16	25	41	21	0	
BERNARDSVILLE BORO	29	0	1	0	0	1	2	2	4	3	11	5	0	
BOUND BROOK BORO	107	2	0	1	1	1	2	5	20	26	21	28	0	
BRANCHBURG TWP	40	0	0	0	0	1	1	5	4	7	12	10	0	
BRIDGEMATER TWP	192	2	0	0	2	4	6	11	24	47	45	51	0	
FAR HILLS BORO	4	0	0	0	0	0	0	1	0	1	1	1	0	
FRANKLIN TWP	193	4	2	1	0	7	9	6	25	40	44	55	0	
GREEN BROOK TWP	39	0	0	0	0	1	1	0	4	6	12	15	0	
HILLSBOROUGH TWP	99	2	0	2	0	6	4	5	16	20	28	16	0	
MANVILLE BORO	112	3	0	1	2	4	8	5	21	40	20	8	0	
MILLSTONE BORO	3	0	0	0	0	0	0	0	1	2	0	0	0	
MONTGOMERY TWP	41	1	0	0	2	1	0	1	6	13	12	5	0	
NORTH PLAINFIELD BORO	147	2	1	1	0	1	5	8	15	32	38	44	0	
PEAPACK-GLADSTONE BORO	7	0	0	0	0	0	0	0	1	0	3	3	0	
RARITAN BORO	65	1	0	0	0	0	0	4	4	14	16	26	0	
ROCKY HILL BORO	6	0	0	0	0	0	0	0	1	3	1	1	0	
SOMERVILLE BORO	247	4	2	0	1	13	10	10	42	55	59	51	0	
SOUTH BOUND BROOK BORO	30	2	1	0	0	1	0	1	5	10	5	5	0	
WARREN TWP	70	1	0	2	0	3	2	5	16	12	17	12	0	
WATCHUNG BORO	41	1	0	0	0	3	2	1	3	9	10	12	0	
*TOTAL SOMERSET	1612	28	7	9	10	49	59	74	232	368	402	374	0	

TABLE-11 (Continued)
1987

SUSSEX COUNTY RESIDENCE	AGE GROUP											UNK	
	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84		85+
ANDOVER BORO	11	0	0	0	1	0	0	1	0	1	2	6	0
ANDOVER TWP	83	1	0	0	0	1	0	1	3	12	24	41	0
BRANCHVILLE BORO	26	0	0	0	0	1	1	1	5	3	7	8	0
BYRAM TWP	28	0	0	0	2	1	2	2	2	11	7	1	0
FRANKFORD TWP	59	0	1	1	2	1	0	5	8	9	12	20	0
FRANKLIN BORO	29	0	0	0	0	0	0	4	4	7	8	6	0
FREDON TWP	9	0	0	0	0	0	0	0	2	1	2	4	0
GREEN TWP	16	0	1	0	0	1	0	0	1	6	4	3	0
HAMBURG BORO	21	0	0	0	0	2	0	0	3	7	8	1	0
HAMPTON TWP	23	1	1	0	0	0	0	0	2	7	9	3	0
HARDYSTON TWP	26	0	0	0	1	1	1	1	2	8	9	4	0
HOPATCONG BORO	93	2	0	0	0	2	5	4	15	21	33	11	0
LAFAYETTE TWP	15	0	0	0	0	1	0	1	5	2	4	2	0
MONTAGUE TWP	21	0	1	0	0	0	1	0	4	3	6	6	0
NEWTON TOWN	108	0	1	1	0	2	3	6	15	22	31	27	0
OGDENSBURG BORO	14	1	0	0	0	0	0	2	2	6	2	1	0
SANDYSTON TWP	14	0	0	0	0	0	2	0	1	2	6	3	0
SPARTA TWP	82	0	1	2	1	5	1	5	7	11	18	31	0
STANHOPE BORO	28	1	1	1	0	0	1	1	6	6	8	3	0
STILLWATER TWP	15	0	0	0	1	1	1	3	1	6	3	0	0
SUSSEX BORO	63	4	1	0	2	1	2	5	7	18	18	5	0
VERNON TWP	70	1	1	0	1	0	2	7	10	15	18	15	0
WANTAGE TWP	36	0	0	0	1	1	3	2	7	9	10	3	0
*TOTAL SUSSEX	890	11	9	5	12	19	25	51	112	193	249	204	0

TABLE-11 (Continued)

1987

UNION COUNTY RESIDENCE	TOTAL	AGE GROUP													85+	UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK			
BERKELEY HEIGHTS TWP	88	1	0	1	2	1	0	7	9	16	24	27	0	0		
CLARK TWP	144	2	0	0	0	1	5	7	21	46	35	27	0	0		
CRANFORD TWP	254	4	0	0	1	7	5	7	25	74	56	75	0	0		
ELIZABETH CITY	1105	15	6	1	19	54	59	60	124	260	284	222	1	0		
FANWOOD BORO	43	1	0	1	0	0	0	2	7	10	9	13	0	0		
GARWOOD BORO	42	0	0	0	0	0	2	0	6	14	9	11	0	0		
HILLSIDE TWP	207	6	0	3	1	6	8	12	30	44	59	38	0	0		
KENILWORTH BORO	92	0	0	0	0	2	3	5	13	22	27	20	0	0		
LINDEN CITY	456	6	1	1	3	9	12	28	65	134	117	80	0	0		
MOUNTAINSIDE BORO	62	0	1	0	0	2	2	6	9	13	16	13	0	0		
NEW PROVIDENCE BORO	97	0	0	0	2	0	4	2	12	23	30	24	0	0		
PLAINFIELD CITY	485	13	5	1	10	35	33	46	55	107	95	85	0	0		
RAHWAY CITY	259	3	0	1	2	8	7	13	41	74	58	52	0	0		
ROSELLE BORO	214	3	1	0	3	3	11	15	34	50	59	35	0	0		
ROSELLE PARK BORO	127	0	0	0	2	2	4	8	20	29	37	25	0	0		
SCOTCH PLAINS TWP	169	2	0	0	1	3	5	11	28	31	46	42	0	0		
SPRINGFIELD TWP	175	1	0	0	1	1	6	4	16	39	61	46	0	0		
SUMMIT CITY	199	2	0	0	1	1	6	7	24	38	62	58	0	0		
UNION TWP	614	3	1	2	2	8	17	19	71	160	208	123	0	0		
WESTFIELD TOWN	215	3	1	1	1	2	7	7	24	42	60	67	0	0		
WINFIELD TWP	17	0	0	0	0	1	1	2	3	8	0	2	0	0		
*TOTAL UNION	5064	65	16	12	51	146	197	268	637	1234	1352	1085	1	1		

TABLE-11 (Continued)
1987

WARREN COUNTY RESIDENCE	TOTAL	AGE GROUP													UNK
		-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+			
ALLAMUCHY TWP	14	0	0	0	0	0	1	1	2	5	1	4	0		
ALPHA BORO	26	1	0	0	0	0	0	4	6	6	8	4	0		
BELVIDERE TOWN	46	1	0	0	1	1	1	6	9	13	13	13	0		
BLAIRSTOWN TWP	41	1	0	0	2	0	0	5	7	14	14	10	0		
FRANKLIN TWP	19	0	0	0	0	1	0	5	1	6	6	6	0		
FRELINGHUYSEN TWP	8	0	0	0	0	0	2	0	0	3	3	2	0		
GREENWICH TWP	21	0	1	0	0	0	1	2	6	4	4	7	0		
HACKETTSTOWN TOWN	78	1	0	0	3	0	7	3	19	21	21	20	0		
HARDWICK TWP	5	0	0	0	0	1	0	0	1	3	3	0	0		
HARMONY TWP	10	0	0	0	0	0	0	1	3	4	4	0	0		
HOPE TWP	6	0	0	0	1	0	0	1	1	2	2	1	0		
INDEPENDENCE TWP	14	1	0	0	0	0	0	2	0	7	7	3	0		
KNOWLTON TWP	27	0	0	0	0	2	0	5	4	5	5	9	0		
LIBERTY TWP	7	0	0	0	0	0	0	0	2	3	3	1	0		
LOPATCONG TWP	30	1	0	0	0	1	0	2	6	10	10	9	0		
MANSFIELD TWP	27	1	0	0	0	0	1	3	9	8	8	5	0		
OXFORD TWP	16	1	0	0	0	1	1	3	2	3	3	4	0		
PHILLIPSBURG TOWN	245	3	0	0	4	6	3	31	54	78	78	51	0		
POHATCONG TWP	23	0	0	0	1	0	1	6	6	5	5	3	0		
WASHINGTON BORO	4	0	0	0	0	0	0	0	1	0	0	2	0		
WASHINGTON TWP	105	1	1	0	1	3	4	10	18	36	36	30	0		
WHITE TWP	10	0	0	0	0	0	2	1	2	1	1	4	0		
*TOTAL WARREN	782	12	2	0	13	16	24	92	162	235	235	188	0		

TABLE-II (Continued)

1987

STATE INST	TOTAL	-1	1-4	5-14	15-24	25-34	AGE GROUP							85+	UNK
							35-44	45-54	55-64	65-74	75-84				
N J ST HOSP GREYSTONE	2	0	0	0	0	1	0	0	1	0	0	0	0	0	
N J ST HOSP TRENTON	1	0	0	0	0	0	0	0	0	0	0	0	1	0	
N J ST PRISON	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
N J ST TRAINING SCHOOL VI	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
*TOTAL STATE INST	5	0	0	0	0	3	0	0	1	0	0	0	1	0	

MILITARY	TOTAL	-1	1-4	5-14	15-24	25-34	AGE GROUP							85+	UNK
							35-44	45-54	55-64	65-74	75-84				
FORT DIX	5	2	1	0	0	1	1	0	0	0	0	0	0	0	
MCGUIRE AIR BASE FORT DIX	2	1	1	0	0	0	0	0	0	0	0	0	0	0	
N J ST VETS ADM HOSP LYON	12	0	0	0	0	1	0	1	3	5	1	1	1	0	
VETERANS HOSPITAL EAST OR	2	0	0	0	0	0	0	0	0	1	0	0	1	0	
*TOTAL MILITARY	21	3	2	0	0	2	1	1	3	6	1	1	2	0	

TABLE-12

RESIDENT DEATHS -- BY PLACE OF RESIDENCE, SEX AND RACE
1987

RESIDENCE	SEX			RACE		
	TOTAL	MALE	FEMALE	WHITE	BLACK	OTHER UNKN
ATLANTIC COUNTY						
ABSECON CITY	84	39	45	76	7	1
ATLANTIC CITY	737	365	372	401	323	12
BRIGANTINE CITY	97	50	47	97	0	0
BUENA BORO	41	21	20	38	3	0
BUENA VISTA TWP	45	24	21	34	11	0
CORBIN CITY	3	2	1	3	0	0
EGG HARBOR CITY	52	30	22	45	6	1
EGG HARBOR TWP	104	63	41	94	10	0
ESTELL MANOR CITY	7	3	4	7	0	0
FOLSOM BORO	19	10	9	18	1	0
GALLOWAY TWP	62	31	31	59	3	0
HAMILTON TWP	120	62	58	102	18	0
HAMMONTON TOWN	177	92	85	170	6	1
LINWOOD CITY	68	39	29	67	1	0
LONGPORT BORO	22	15	7	22	0	0
MARGATE CITY	117	49	68	117	0	0
MULLICA TWP	28	17	11	24	4	0
NORTHFIELD CITY	80	32	48	77	3	0
PLEASANTVILLE CITY	207	95	112	143	61	2
PORT REPUBLIC CITY	7	2	5	7	0	0
SOMERS POINT CITY	146	77	69	145	0	1
VENTNOR CITY	153	73	80	152	0	1
WEYMOUTH TWP	14	7	7	14	0	0
*TOTAL ATLANTIC	2390	1198	1192	1912	457	19
						2

TABLE-12 (Continued)
1987

BERGEN COUNTY

RESIDENCE	TOTAL	SEX		RACE			
		MALE	FEMALE	WHITE	BLACK	OTHER	UNKN
ALLENDALE BORO	48	21	27	48	0	0	0
ALPINE BORO	2	1	1	2	0	0	0
BERGENFIELD BORO	240	128	112	237	1	1	1
BOGOTA BORO	75	42	33	74	1	0	0
CARLSTADT BORO	60	29	31	60	0	0	0
CLIFFSIDE PARK BORO	247	129	118	243	2	1	1
CLOSTER BORO	68	38	30	64	1	2	1
CRESSKILL BORO	73	41	32	71	0	1	1
DEMAREST BORO	44	22	22	43	0	1	0
DUMONT BORO	180	80	100	174	0	5	1
EAST RUTHERFORD BORO	91	48	43	88	2	1	0
EDGEWATER BORO	48	23	25	44	1	2	1
ELMWOOD PARK BORO	194	100	94	190	1	3	0
EMERSON BORO	64	28	36	63	0	1	0
ENGLEWOOD CITY	260	124	136	159	94	5	2
ENGLEWOOD CLIFFS BORO	39	16	23	38	0	1	0
FAIR LAWN BORO	335	158	177	332	0	2	1
FAIRVIEW BORO	139	74	65	129	5	1	4
FORT LEE BORO	338	168	170	326	2	10	0
FRANKLIN LAKES BORO	49	24	25	48	0	1	0
GARFIELD CITY	310	151	159	304	5	0	1
GLEN ROCK BORO	71	34	37	66	4	1	0
HACKENSACK CITY	364	179	185	300	62	2	0
HARRINGTON PARK BORO	22	10	12	21	0	1	0
HASBROUCK HEIGHTS BORO	134	67	67	132	1	0	1
HAWORTH BORO	46	27	19	45	0	0	1
HILLSDALE BORO	78	39	39	76	0	2	0
HOHOKUS BORO	32	15	17	31	0	1	0
LEONIA BORO	68	33	35	65	1	2	0
LITTLE FERRY BORO	96	55	41	94	1	1	0
LODI BORO	232	114	118	226	4	2	0
LYNDHURST TWP	237	123	114	236	0	1	0
MAHWAH TWP	91	43	48	84	5	1	1
MAYWOOD BORO	122	58	64	122	0	0	0
MIDLAND PARK BORO	67	29	38	67	0	0	0
MONTVALE BORO	41	21	20	41	0	0	0

TABLE-12 (Continued)

1987

BERGEN COUNTY

RESIDENCE	SEX		RACE			
	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN
MOONACHIE BORO	18	9	27	0	0	0
NEW MILFORD BORO	86	83	166	2	0	1
NORTH ARLINGTON BORO	108	99	207	0	0	0
NORTHVALE BORO	8	12	20	0	0	0
NORWOOD BORO	20	24	43	0	1	0
OAKLAND BORO	51	38	87	1	1	0
OLD TAPPAN BORO	10	16	26	0	0	0
ORADELL BORO	41	29	69	0	1	0
PALISADES PARK BORO	71	72	141	0	2	0
PARAMUS BORO	129	98	222	1	4	0
PARK RIDGE BORO	30	30	60	0	0	0
RAMSEY BORO	37	29	65	1	0	0
RIDGEFIELD BORO	60	58	116	0	2	0
RIDGEFIELD PARK TWP	45	42	86	1	0	0
RIDGEWOOD VIL	90	102	185	6	1	0
RIVER EDGE BORO	53	64	116	1	0	0
RIVER VALE TWP	38	27	65	0	0	0
ROCHELLE PARK TWP	38	60	97	0	1	0
ROCKLEIGH BORO	1	0	1	0	0	0
RUTHERFORD BORO	92	88	176	0	4	0
SADDLE BROOK TWP	78	53	128	0	3	0
SADDLE RIVER BORO	9	5	11	1	2	0
SOUTH HACKENSACK TWP	13	8	21	0	0	0
TEANECK TWP	178	160	258	69	11	1
TENAFLY BORO	38	62	98	2	0	0
UPPER SADDLE RIVER BORO	18	20	38	0	0	0
WALDWICK BORO	33	39	72	0	0	0
WALLINGTON BORO	71	51	120	1	0	1
WASHINGTON TWP	29	19	48	0	0	0
WESTWOOD BORO	45	76	117	3	1	0
WOOD-RIDGE BORO	31	30	60	1	0	0
WOODCLIFF LAKE BORO	15	13	27	0	1	0
WYCKOFF TWP	53	60	113	0	0	0
*TOTAL BERGEN	7819	3929	3859	1	7429	283
				87		20

TABLE-12 (Continued)
1987

BURLINGTON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BASS RIVER TWP	12	8	4	0	12	0	0	0
BEVERLY CITY	42	19	23	0	30	12	0	0
BORDENTOWN CITY	72	34	38	0	62	10	0	0
BORDENTOWN TWP	58	38	20	0	58	0	0	0
BURLINGTON CITY	145	72	73	0	116	29	0	0
BURLINGTON TWP	93	50	43	0	87	6	0	0
CHESTERFIELD TWP	16	8	8	0	16	0	0	0
CINNAMINSON TWP	125	56	69	0	113	11	1	0
DELANCO TWP	49	29	20	0	48	0	1	0
DELRAN TWP	83	35	48	0	76	7	0	0
EASTAMPTON TWP	3	3	0	0	3	0	0	0
EDGEWATER PARK TWP	42	25	17	0	39	3	0	0
EVESHAM TWP	151	76	75	0	150	1	0	0
FIELDSBORO BORO	7	4	3	0	4	3	0	0
FLORENCE TWP	108	63	45	0	102	6	0	0
HAINESPORT TWP	19	10	9	0	19	0	0	0
LUMBERTON TWP	29	12	17	0	29	0	0	0
MANSFIELD TWP	16	8	8	0	16	0	0	0
MAPLE SHADE TWP	214	121	93	0	205	9	0	0
MEDFORD LAKES BORO	27	14	13	0	27	0	0	0
MEDFORD TWP	140	71	69	0	138	1	1	0
MOORESTOWN TWP	192	74	118	0	174	18	0	0
MOUNT HOLLY TWP	175	90	85	0	154	19	2	0
MOUNT LAUREL TWP	119	64	55	0	110	8	1	0
NEW HANOVER TWP	1	0	1	0	0	0	1	0
NORTH HANOVER TWP	11	10	1	0	10	1	0	0
PALMYRA BORO	76	32	44	0	70	6	0	0
PEMBERTON BORO	26	13	13	0	20	6	0	0
PEMBERTON TWP	175	99	76	0	150	22	3	0
RIVERSIDE TWP	101	48	53	0	100	1	0	0
RIVERTON BORO	14	7	7	0	12	2	0	0
SHAMONG TWP	17	10	7	0	16	1	0	0

TABLE-12 (Continued)
1987

BURLINGTON COUNTY

RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
SOUTHAMPTON TWP	147	75	72	0	146	1	0	0
SPRINGFIELD TWP	14	8	6	0	14	0	0	0
TABERNACLE TWP	36	21	15	0	36	0	0	0
WASHINGTON TWP	3	2	1	0	3	0	0	0
WESTAMPTON TWP	6	3	3	0	4	1	1	0
WILLINGBORO TWP	237	120	117	0	144	92	0	1
WOODLAND TWP	7	3	4	0	7	0	0	0
WRIGHTSTOWN BORO	31	19	12	0	29	2	0	0
*TOTAL BURLINGTON	2839	1454	1385	0	2549	278	11	1

CAMDEN COUNTY

RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AUDUBON BORO	93	47	46	0	93	0	0	0
AUDUBON PARK BORO	19	9	10	0	19	0	0	0
BARRINGTON BORO	58	27	31	0	58	0	0	0
BELLMAR BORO	128	70	58	0	127	0	1	0
BERLIN BORO	100	55	45	0	89	10	1	0
BERLIN TWP	21	9	12	0	20	1	0	0
BROOKLAWN BORO	26	13	13	0	26	0	0	0
CAMDEN CITY	855	470	385	0	406	444	4	1
CHERRY HILL TWP	594	263	331	0	567	23	4	0
CHESILHURST BORO	9	5	4	0	5	4	0	0
CLEMENTON BORO	82	39	43	0	78	3	1	0
COLLINGSWOOD BORO	222	89	133	0	222	0	0	0
GIBBSBORO BORO	27	15	12	0	26	0	1	0
GLOUCESTER CITY	196	117	79	0	194	1	1	0

TABLE-12 (Continued)
1987

CAMDEN COUNTY RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
GLoucester TWP	224	123	101	0	217	7	0	0
HADDON HEIGHTS BORO	81	38	43	0	81	0	0	0
HADDON TWP	180	85	95	0	179	1	0	0
HADDONFIELD BORO	111	53	58	0	109	1	0	1
HI-NELLA BORO	8	4	4	0	7	1	0	0
LAUREL SPRINGS BORO	14	5	9	0	14	0	0	0
LAWNSIDE BORO	44	22	22	0	0	42	2	0
LINDENWOLD BORO	106	54	52	0	98	7	1	0
MAGNOLIA BORO	46	23	23	0	44	2	0	0
MERCHANTVILLE BORO	58	20	38	0	57	1	0	0
MOUNT EPHRAIM BORO	62	36	26	0	62	0	0	0
OAKLYN BORO	67	32	35	0	67	0	0	0
PENNSAUKEN TWP	383	185	198	0	356	26	1	0
PINE HILL BORO	56	23	33	0	55	1	0	0
RUNNEMEDE BORO	78	40	38	0	76	2	0	0
SOMERDALE BORO	63	32	31	0	55	8	0	0
STRATFORD BORO	73	34	39	0	73	0	0	0
VOORHEES TWP	101	45	56	0	90	9	2	0
WATERFORD TWP	81	50	31	0	71	10	0	0
WINSLOW TWP	123	61	62	0	96	27	0	0
WOOD-LYNNNE BORO	34	21	13	0	34	0	0	0
*TOTAL CAMDEN	4423	2214	2209	0	3771	631	19	2

TABLE-12 (Continued)
1987

CAPE MAY COUNTY RESIDENCE	TOTAL	SEX		RACE				
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AVALON BORO	34	21	13	0	34	0	0	0
CAPE MAY CITY	95	41	54	0	88	7	0	0
CAPE MAY POINT BORO	5	2	3	0	5	0	0	0
DENNIS TWP	43	16	27	0	42	1	0	0
LOWER TWP	244	132	112	0	244	0	0	0
MIDDLE TWP	186	82	104	0	169	16	1	0
NORTH WILDWOOD CITY	64	33	31	0	63	1	0	0
OCEAN CITY	216	107	109	0	206	10	0	0
SEA ISLE CITY	36	16	20	0	34	2	0	0
STONE HARBOR BORO	22	12	10	0	21	1	0	0
UPPER TWP	70	30	40	0	69	1	0	0
WEST CAPE MAY BORO	15	7	8	0	11	4	0	0
WEST WILDWOOD BORO	3	3	0	0	3	0	0	0
WILDWOOD CITY	87	43	44	0	72	14	1	0
WILDWOOD CREST BORO	44	19	25	0	44	0	0	0
WOODBINE BORO	19	13	6	0	17	2	0	0
*TOTAL CAPE MAY	1183	577	606	0	1122	59	2	0

TABLE-12 (Continued)
1987

RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CUMBERLAND COUNTY								
BRIDGETON CITY	307	173	134	0	223	81	3	0
COMMERCIAL TWP	30	17	13	0	21	9	0	0
DEERFIELD TWP	21	11	10	0	14	5	2	0
DOWNE TWP	16	11	5	0	15	1	0	0
FAIRFIELD TWP	21	13	8	0	12	8	1	0
GREENWICH TWP	7	3	4	0	7	0	0	0
HOPEWELL TWP	27	10	17	0	24	3	0	0
LAWRENCE TWP	21	14	7	0	18	3	0	0
MAURICE RIVER TWP	23	16	7	0	23	0	0	0
MILLVILLE CITY	294	153	141	0	272	21	1	0
SHILOH BORO	2	1	1	0	2	0	0	0
STOW CREEK TWP	7	4	3	0	7	0	0	0
UPPER DEERFIELD TWP	53	32	21	0	43	5	5	0
VINELAND CITY	459	256	203	0	430	25	0	4
*TOTAL CUMBERLAND	1288	714	574	0	1111	161	12	4

TABLE-12 (Continued)
1987

ESSEX COUNTY	RESIDENCE	SEX			RACE			
		TOTAL	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN
	BELLEVILLE TOWN	371	186	185	351	15	4	1
	BLOOMFIELD TOWN	527	264	263	518	5	1	3
	CALDWELL BORO	119	46	73	118	0	1	0
	CEDAR GROVE TWP	122	54	68	121	0	1	0
	EAST ORANGE CITY	890	441	449	249	628	5	8
	ESSEX FELLOWS BORO	15	8	7	15	0	0	0
	FAIRFIELD BORO	46	23	23	46	0	0	0
	GLEN RIDGE BORO	70	33	37	69	1	0	0
	IRVINGTON TOWN	603	320	283	397	199	6	1
	LIVINGSTON TWP	203	106	97	191	4	7	1
	MAPLEWOOD TWP	239	118	121	225	10	4	0
	MILLBURN TWP	172	76	96	171	1	0	0
	MONTCLAIR TOWN	388	157	231	263	124	1	0
	NEWARK CITY	3192	1833	1359	1161	1977	31	23
	NORTH CALDWELL BORO	19	5	14	19	0	0	0
	NUTLEY TOWN	339	177	162	331	5	3	0
	ORANGE CITY	353	162	191	194	158	1	0
	ROSELAND BORO	54	25	29	52	0	2	0
	SOUTH ORANGE VIL	126	55	71	114	11	1	0
	VERONA BORO	155	70	85	152	3	0	0
	WEST CALDWELL BORO	89	50	39	89	0	0	0
	WEST ORANGE TOWN	480	229	251	468	9	2	1
	*TOTAL ESSEX	8572	4438	4134	5314	3150	70	38

TABLE-12 (Continued)
1987

GLOUCESTER COUNTY

RESIDENCE	SEX			RACE			
	TOTAL	MALE	FEMALE	WHITE	BLACK	OTHER	UNKN
CLAYTON BORO	39	15	24	36	3	0	0
DEPTFORD TWP	154	83	70	142	12	0	0
EAST GREENWICH TWP	46	29	17	42	4	0	0
ELK TWP	13	3	10	12	1	0	0
FRANKLIN TWP	90	47	43	82	8	0	0
GLASSBORO BORO	105	58	47	73	31	1	0
GREENWICH TWP	68	39	29	67	1	0	0
HARRISON TWP	51	30	21	46	5	0	0
LOGAN TWP	10	5	5	10	0	0	0
MANTUA TWP	138	72	66	131	6	1	0
MONROE TWP	183	87	96	156	26	1	0
NATIONAL PARK BORO	39	14	25	39	0	0	0
NEWFIELD BORO	31	19	12	28	3	0	0
PAULSBORO BORO	89	35	54	60	28	1	0
PITMAN BORO	106	46	60	106	0	0	0
SOUTH HARRISON TWP	4	3	1	4	0	0	0
SWEDSBORO BORO	31	18	13	22	9	0	0
WASHINGTON TWP	117	65	52	113	3	1	0
WENONAH BORO	53	25	28	46	7	0	0
WEST DEPTFORD TWP	84	44	40	82	2	0	0
WESTVILLE BORO	62	35	27	58	4	0	0
WOODBURY CITY	176	85	91	152	23	0	1
WOODBURY HEIGHTS BORO	30	20	10	28	2	0	0
WOOLWICH TWP	6	3	3	6	0	0	0
*TOTAL GLOUCESTER	1725	880	844	1541	178	5	1

TABLE-12 (Continued)
1987

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BAYONNE CITY	795	415	380	0	766	25	4	0
EAST NEWARK BORO	20	12	8	0	20	0	0	0
GUTTENBERG TOWN	63	32	31	0	60	2	1	0
HARRISON TOWN	142	80	62	0	137	2	3	0
HOBOKEN CITY	338	173	165	0	321	9	8	0
JERSEY CITY	2483	1291	1192	0	1788	637	55	3
KEARNY TOWN	384	210	174	0	376	2	6	0
NORTH BERGEN TWP	543	278	265	0	534	2	6	1
SECAUCUS TOWN	155	79	76	0	152	1	1	1
UNION CITY	470	243	226	1	452	4	10	4
WEEHAWKEN TWP	114	71	43	0	111	2	1	0
WEST NEW YORK TOWN	364	189	175	0	355	4	4	1
*TOTAL HUDSON	5871	3073	2797	1	5072	690	99	10

TABLE-12 (Continued)
1987

HUNTERDON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALEXANDRIA TWP	17	10	7	0	17	0	0	0
BETHELEM TWP	5	3	2	0	5	0	0	0
BLOOMSBURY BORO	10	5	5	0	10	0	0	0
CALIFON BORO	7	3	4	0	6	1	0	0
CLINTON TOWN	24	14	10	0	24	0	0	0
CLINTON TWP	24	12	12	0	24	0	0	0
DELAWARE TWP	20	10	10	0	20	0	0	0
EAST AMWELL TWP	19	13	6	0	19	0	0	0
FLEMINGTON BORO	62	29	33	0	62	0	0	0
FRANKLIN TWP	22	11	11	0	22	0	0	0
FRENCHTOWN BORO	17	10	7	0	16	1	0	0
GLEN GARDNER BORO	24	7	17	0	24	0	0	0
HAMPTON BORO	13	6	7	0	13	0	0	0
HIGH BRIDGE BORO	23	13	10	0	23	0	0	0
HOLLAND TWP	16	8	8	0	16	0	0	0
KINGWOOD TWP	21	11	10	0	19	2	0	0
LAMBERTVILLE CITY	54	20	34	0	52	2	0	0
LEBANON BORO	18	10	8	0	18	0	0	0
LEBANON TWP	41	21	20	0	41	0	0	0
MILFORD BORO	21	13	8	0	21	0	0	0
RARITAN TWP	61	29	32	0	61	0	0	0
READINGTON TWP	68	39	29	0	64	0	3	1
STOCKTON BORO	3	3	0	0	2	0	0	1
TEWKSBURY TWP	15	5	10	0	15	0	0	0
UNION TWP	21	8	13	0	21	0	0	0
WEST AMWELL TWP	1	1	0	0	1	0	0	0
*TOTAL HUNTERDON	627	314	313	0	616	6	3	2

TABLE-12 (Continued)
1987

MERCER COUNTY RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
EAST WINDSOR TWP	116	63	53	0	110	6	0	0
EWING TWP	349	185	164	0	303	45	1	0
HAMILTON TWP	772	381	391	0	741	28	3	0
HIGHTSTOWN BORO	66	30	36	0	58	8	0	0
HOPEWELL BORO	4	2	2	0	3	1	0	0
HOPEWELL TWP	83	45	38	0	81	1	1	0
LAWRENCE TWP	157	71	86	0	139	18	0	0
PENNINGTON BORO	21	11	10	0	20	1	0	0
PRINCETON BORO	99	36	63	0	92	7	0	0
PRINCETON TWP	83	40	43	0	68	13	2	0
TRENTON CITY	1263	671	592	0	851	409	2	1
WASHINGTON TWP	36	21	15	0	33	2	1	0
WEST WINDSOR TWP	41	21	20	0	38	0	3	0
*TOTAL MERCER	3090	1577	1513	0	2537	539	13	1

TABLE-12 (Continued)
1987

MIDDLESEX COUNTY RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CARTERET BORO	196	110	86	0	189	6	0	1
CRANBURY TWP	92	50	42	0	85	6	1	0
DUNELLEN BORO	59	28	31	0	58	1	0	0
EAST BRUNSWICK TWP	239	129	110	0	231	3	5	0
EDISON TWP	593	318	275	0	565	21	7	0
HELMETTA BORO	13	4	9	0	13	0	0	0
HIGHLAND PARK BORO	118	60	58	0	113	5	0	0
JAMESBURG BORO	61	31	30	0	52	9	0	0
METUCHEN BORO	142	74	68	0	127	11	4	0
MIDDLESEX BORO	117	68	49	0	112	4	1	0
MILLTOWN BORO	71	44	27	0	71	0	0	0
MONROE TWP	168	86	82	0	161	6	1	0
NEW BRUNSWICK CITY	378	201	177	0	266	109	2	1
NORTH BRUNSWICK TWP	169	93	76	0	162	6	1	0
OLD BRIDGE TWP	331	198	133	0	324	5	2	0
PERTH AMBOY CITY	409	212	197	0	388	17	3	1
PISCATAWAY TWP	219	115	104	0	188	25	6	0
PLAINSBORO TWP	35	18	17	0	32	1	2	0
SAYREVILLE BORO	304	166	138	0	298	4	0	2
SOUTH AMBOY CITY	144	75	69	0	143	1	0	0
SOUTH BRUNSWICK TWP	94	55	39	0	86	6	2	0
SOUTH PLAINFIELD BORO	163	71	92	0	158	4	1	0
SOUTH RIVER BORO	139	73	66	0	135	4	0	0
SPOTSWOOD BORO	83	46	37	0	81	0	2	0
WOODBRIE TWP	783	414	369	0	762	15	4	2
*TOTAL MIDDLESEX	5120	2739	2381	0	4800	269	44	7

TABLE-J2 (Continued)

1987

MONMOUTH COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABERDEEN TWP	90	48	42	0	81	8	1	0
ALLENHURST BORO	13	7	6	0	13	0	0	0
ALLENTOWN BORO	18	9	9	0	18	0	0	0
ASBURY PARK CITY	246	112	134	0	147	99	0	0
ATLANTIC HIGHLANDS BORO	68	30	38	0	66	2	0	0
AVON-BY-THE-SEA BORO	36	16	20	0	36	0	0	0
BELMAR BORO	96	43	53	0	91	5	0	0
BRADLEY BEACH BORO	54	32	22	0	54	0	0	0
BRIELLE BORO	42	18	24	0	37	5	0	0
COLTS NECK TOWNSHIP	36	17	19	0	36	0	0	0
DEAL BORO	17	9	8	0	16	1	0	0
EATONTOWN BORO	101	45	56	0	91	9	1	0
ENGLISHTOWN BORO	78	44	34	0	73	4	0	1
FAIR HAVEN BORO	42	18	24	0	38	4	0	0
FARMINGDALE BORO	18	9	9	0	17	1	0	0
FREEHOLD BORO	81	41	40	0	63	16	2	0
FREEHOLD TWP	221	115	106	0	199	21	1	0
HAZLET TWP	174	100	74	0	172	0	0	2
HIGHLANDS BORO	64	35	29	0	64	0	0	0
HOLMDEL TWP	79	34	45	0	76	0	3	0
HOWELL TWP	186	115	71	0	182	4	0	0
INTERLAKEN BORO	18	14	4	0	18	0	0	0
KEANSBURG BORO	155	79	76	0	155	0	0	0
KEYPORT BORO	105	56	49	0	99	6	0	0
LITTLE SILVER BORO	42	20	22	0	42	0	0	0
LOCH ARBOUR VILLAGE	3	1	2	0	3	0	0	0
LONG BRANCH CITY	344	169	175	0	293	51	0	0
MANALAPAN TWP	110	61	49	0	100	8	2	0
MANASQUAN BORO	115	53	62	0	115	0	0	0
MARLBORO TWP	109	54	55	0	99	3	7	0
MATAWAN BORO	146	64	82	0	131	13	1	1
MIDDLETOWN TWP	536	267	269	0	521	13	2	0

TABLE-12 (Continued)

1987

MONMOUTH COUNTY RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
MILLSTONE TWP	41	21	20	0	38	2	1	0
MONMOUTH BEACH BORO	32	12	20	0	32	0	0	0
NEPTUNE CITY BORO	25	10	15	0	22	3	0	0
NEPTUNE TWP	439	200	239	0	327	111	1	0
OCEAN TWP	207	94	113	0	200	5	1	1
OCEANPORT BORO	40	19	21	0	38	2	0	0
RED BANK BORO	204	97	107	0	162	41	1	0
ROOSEVELT BORO	1	1	0	0	1	0	0	0
RUMSON BORO	51	29	22	0	51	0	0	0
SEA BRIGHT BORO	17	10	7	0	14	3	0	0
SEA GIRT BORO	51	23	28	0	51	0	0	0
SHREWSBURY BORO	19	9	10	0	19	0	0	0
SHREWSBURY TWP	19	7	12	0	16	3	0	0
SOUTH BELMAR BORO	22	10	12	0	21	1	0	0
SPRING LAKE BORO	50	19	31	0	50	0	0	0
SPRING LAKE HEIGHTS BORO	86	38	48	0	86	0	0	0
TINTON FALLS BORO	50	27	23	0	37	11	2	0
UNION BEACH BORO	76	45	31	0	76	0	0	0
UPPER FREEHOLD TWP	21	9	12	0	20	0	0	1
WALL TWP	188	89	99	0	185	1	2	0
WEST LONG BRANCH BORO	70	32	38	0	70	0	0	0
*TOTAL MONMOUTH	5152	2536	2616	0	4662	456	28	6

TABLE-12 (Continued)

1987

MORRIS COUNTY

RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BOONTON TOWN	112	52	60	0	110	2	0	0
BOONTON TWP	7	4	3	0	7	0	0	0
BUTLER BORO	50	23	27	0	50	0	0	0
CHATHAM BORO	104	53	51	0	103	0	1	0
CHATHAM TWP	46	21	25	0	46	0	0	0
CHESTER BORO	15	8	7	0	15	0	0	0
CHESTER TWP	25	15	10	0	25	0	0	0
DENVILLE TWP	113	57	56	0	110	2	0	1
DOVER TOWN	134	80	54	0	132	2	0	0
EAST HANOVER TWP	63	35	28	0	63	0	0	0
FLORHAM PARK BORO	88	38	50	0	88	0	0	0
HANOVER TWP	79	43	36	0	79	0	0	0
HARDING TWP	24	14	10	0	24	0	0	0
JEFFERSON TWP	99	56	43	0	98	0	0	1
KINNELON BORO	46	24	22	0	46	0	0	0
LINCOLN PARK BORO	94	40	54	0	93	1	0	0
MADISON BORO	127	58	69	0	120	7	0	0
MENDHAM BORO	29	12	17	0	29	0	0	0
MENDHAM TWP	36	14	22	0	36	0	0	0
MINE HILL TWP	21	13	8	0	20	0	1	0
MONTVILLE TWP	89	57	32	0	88	0	1	0
MORRIS PLAINS BORO	78	39	39	0	74	0	4	0
MORRIS TWP	100	46	54	0	92	8	0	0
MORRISTOWN TOWN	234	103	131	0	195	39	0	0
MOUNT ARLINGTON BORO	17	5	12	0	17	0	0	0
MOUNT OLIVE TWP	100	67	33	0	98	2	0	0
MOUNTAIN LAKES BORO	22	11	11	0	22	0	0	0
NETCONG BORO	35	12	23	0	35	0	0	0
PASSIPPANY-TROY HILLS TWP	283	154	129	0	275	5	3	0
PASSAIC TWP	54	29	25	0	52	1	1	0
PEQUANNOCK TWP	99	51	48	0	99	0	0	0
RANDOLPH TWP	94	52	42	0	92	1	0	1
RIVERDALE BORO	26	17	9	0	26	0	0	0
ROCKAWAY BORO	58	40	18	0	58	0	0	0
ROCKAWAY TWP	79	43	36	0	79	0	0	0
ROXBURY TWP	126	65	61	0	123	1	2	0
VICTORY GARDENS BORO	7	5	2	0	6	1	0	0
WASHINGTON TWP	69	29	40	0	69	0	0	0
WHARTON BORO	52	31	21	0	51	0	1	0
*TOTAL MORRIS	2934	1516	1418	0	2845	72	14	3

TABLE-12 (Continued)

1987

OCEAN COUNTY

RESIDENCE	TOTAL	SEX		RACE			
		MALE	FEMALE	WHITE	BLACK	OTHER	UNKN
BARNEGAT LIGHT BORO	13	5	8	13	0	0	0
BARNEGAT TWP	103	58	45	101	1	0	1
BAY HEAD BORO	20	6	14	20	0	0	0
BEACH HAVEN BORO	30	17	13	30	0	0	0
BEACHWOOD BORO	65	37	28	65	0	0	0
BERKELEY TWP	490	297	193	480	7	2	1
BRICK TWP	592	329	263	591	0	0	1
DOVER TWP	975	525	450	961	10	2	2
EAGLESWOOD TWP	26	15	11	26	0	0	0
HARVEY CEDARS BORO	2	1	1	2	0	0	0
ISLAND HEIGHTS BORO	18	5	13	18	0	0	0
JACKSON TWP	265	138	127	261	3	1	0
LACEY TWP	218	113	105	217	1	0	0
LAKEHURST BORO	112	58	54	112	0	0	0
LAKESWOOD TWP	674	333	341	607	58	7	2
LAVALLETTE BORO	53	31	22	53	0	0	0
LITTLE EGG HARBOR TWP	94	50	44	93	1	0	0
LONG BEACH TWP	43	26	17	43	0	0	0
MANCHESTER TWP	770	414	356	769	1	0	0
MANTOLOKING BORO	13	6	7	13	0	0	0
OCEAN GATE BORO	27	15	12	27	0	0	0
OCEAN TWP	60	33	27	60	0	0	0
PINE BEACH BORO	21	13	8	21	0	0	0
PLUMSTED TWP	45	27	18	45	0	0	0
POINT PLEASANT BEACH BORO	51	28	23	51	0	0	0
POINT PLEASANT BORO	249	124	125	249	0	0	0
SEASIDE HEIGHTS BORO	37	24	13	37	0	0	0
SEASIDE PARK BORO	46	25	21	46	0	0	0
SHIP BOTTOM BORO	20	9	11	20	0	0	0
SOUTH TOMS RIVER BORO	25	15	10	19	5	1	0
STAFFORD TWP	125	84	41	125	0	0	0
SURF CITY BORO	21	15	6	21	0	0	0
TUCKERTON BORO	68	39	29	68	0	0	0
*TOTAL OCEAN	5371	2915	2456	5264	87	13	7

TABLE-12 (Continued)
1987

PASSAIC COUNTY RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BLOOMINGDALE BORO	51	23	28	0	51	0	0	0
CLIFTON CITY	934	459	475	0	927	2	4	1
HALEDON BORO	103	53	50	0	102	1	0	0
HAWTHORNE BORO	184	79	105	0	184	0	0	0
LITTLE FALLS TWP	106	50	56	0	106	0	0	0
NORTH HALEDON BORO	77	31	46	0	76	1	0	0
PASSAIC CITY	534	283	250	1	439	89	5	1
PATERSON CITY	1283	657	626	0	880	400	3	0
POMPTON LAKES BORO	58	28	30	0	58	0	0	0
PROSPECT PARK BORO	56	29	27	0	55	1	0	0
RINGWOOD BORO	59	28	31	0	54	0	5	0
TOTOWA BORO	135	69	66	0	134	1	0	0
WANAQUE BORO	67	33	34	0	66	1	0	0
WAYNE TWP	396	199	197	0	395	1	0	0
WEST MILFORD TWP	160	93	67	0	154	5	1	0
WEST PATERSON BORO	89	43	46	0	88	0	1	0
*TOTAL PASSAIC	4292	2157	2134	1	3769	502	19	2

TABLE-12 (Continued)
1987

SALEM COUNTY RESIDENCE	TOTAL	SEX		RACE				
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLOWAY TWP	13	8	5	0	13	0	0	0
CARNEYS POINT TWP	89	45	44	0	85	4	0	0
ELMER BORO	30	17	13	0	30	0	0	0
ELSINBORO TWP	8	4	4	0	7	1	0	0
LOWER ALLOWAY CREEK TWP	8	5	3	0	8	0	0	0
MANNINGTON TWP	11	4	7	0	9	2	0	0
OLDMANS TWP	21	15	6	0	18	3	0	0
PENNS GROVE BORO	84	56	28	0	53	31	0	0
PENNSVILLE TWP	132	73	59	0	131	1	0	0
PILES GROVE TWP	18	9	9	0	17	1	0	0
PITTS GROVE TWP	35	16	19	0	31	3	1	0
QUINTON TWP	27	15	12	0	20	7	0	0
SALEM CITY	105	53	52	0	70	35	0	0
UPPER PITTS GROVE TWP	18	8	10	0	16	2	0	0
WOODSTOWN BORO	59	21	38	0	44	15	0	0
*TOTAL SALEM	658	349	309	0	552	105	1	0

TABLE-12 (Continued)
1987

SOMERSET COUNTY RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BEDMINSTER TWP	22	5	17	0	22	0	0	0
BERNARDS TWP	118	62	56	0	118	0	0	0
BERNARDSVILLE BORO	29	15	14	0	29	0	0	0
BOUND BROOK BORO	107	60	47	0	106	0	1	0
BRANCHBURG TWP	40	20	20	0	39	1	0	0
BRIDGEWATER TWP	192	93	99	0	191	0	1	0
FAR HILLS BORO	4	4	0	0	4	0	0	0
FRANKLIN TWP	193	91	102	0	165	27	1	0
GREEN BROOK TWP	39	17	22	0	39	0	0	0
HILLSBOROUGH TWP	99	47	52	0	97	1	1	0
MANVILLE BORO	112	73	39	0	111	0	1	0
MILLSTONE BORO	3	3	0	0	3	0	0	0
MONTGOMERY TWP	41	20	21	0	40	0	1	0
NORTH PLAINFIELD BORO	147	65	82	0	143	3	0	1
PEAPACK-GLADSTONE BORO	7	3	4	0	7	0	0	0
RARITAN BORO	65	22	43	0	65	0	0	0
ROCKY HILL BORO	6	3	3	0	6	0	0	0
SOMERVILLE BORO	247	127	120	0	216	27	3	1
SOUTH BOUND BROOK BORO	30	23	7	0	29	0	1	0
WARREN TWP	70	39	31	0	67	0	3	0
WATCHUNG BORO	41	20	21	0	40	0	0	1
*TOTAL SOMERSET	1612	812	800	0	1537	59	13	3

TABLE-12 (Continued)

1987

SUSSEX COUNTY RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ANDOVER BORO	11	2	9	0	11	0	0	0
ANDOVER TWP	83	29	54	0	81	2	0	0
BRANCHVILLE BORO	26	15	11	0	26	0	0	0
BYRAM TWP	28	14	14	0	28	0	0	0
FRANKFORD TWP	59	28	31	0	59	0	0	0
FRANKLIN BORO	29	12	17	0	29	0	0	0
FREDON TWP	9	4	5	0	9	0	0	0
GREEN TWP	16	7	9	0	16	0	0	0
HAMBURG BORO	21	16	5	0	20	1	0	0
HAMPTON TWP	23	11	12	0	23	0	0	0
HARDYSTON TWP	26	13	13	0	26	0	0	0
HOPATCONG BORO	93	43	50	0	93	0	0	0
LAFAYETTE TWP	15	7	8	0	14	0	1	0
MONTAGUE TWP	21	11	10	0	21	0	0	0
NEWTON TOWN	108	44	64	0	107	1	0	0
OGDENSBURG BORO	14	9	5	0	14	0	0	0
SANDYSTON TWP	14	8	6	0	14	0	0	0
SPARTA TWP	82	38	44	0	81	0	1	0
STANHOPE BORO	28	12	16	0	27	1	0	0
STILLWATER TWP	15	11	4	0	15	0	0	0
SUSSEX BORO	63	36	27	0	63	0	0	0
VERNON TWP	70	39	31	0	70	0	0	0
WANTAGE TWP	36	24	12	0	36	0	0	0
*TOTAL SUSSEX	890	433	457	0	883	5	2	0

TABLE-12 (Continued)
1987

UNION COUNTY RESIDENCE	SEX		RACE					
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BERKELEY HEIGHTS TWP	88	37	51	0	86	2	0	0
CLARK TWP	144	83	61	0	143	0	1	0
CRANFORD TWP	254	123	131	0	245	8	1	0
ELIZABETH CITY	1105	587	518	0	951	150	4	0
FANWOOD BORO	43	22	21	0	40	3	0	0
GARWOOD BORO	42	19	23	0	42	0	0	0
HILLSIDE TWP	207	114	93	0	170	35	2	0
KENILWORTH BORO	92	43	49	0	91	1	0	0
LINDEN CITY	456	232	224	0	391	61	3	1
MOUNTAINSIDE BORO	62	32	30	0	61	1	0	0
NEW PROVIDENCE BORO	97	45	52	0	97	0	0	0
PLAINFIELD CITY	485	233	252	0	214	260	8	3
RAHWAY CITY	259	119	140	0	228	31	0	0
ROSELLE BORO	214	107	107	0	170	43	1	0
ROSELLE PARK BORO	127	72	55	0	125	1	1	0
SCOTCH PLAINS TWP	169	78	91	0	149	20	0	0
SPRINGFIELD TWP	175	81	94	0	169	6	0	0
SUMMIT CITY	199	84	115	0	182	17	0	0
UNION TWP	614	312	302	0	563	48	2	1
WESTFIELD TOWN	215	109	106	0	200	12	2	1
WINFIELD TWP	17	6	11	0	17	0	0	0
*TOTAL UNION	5064	2538	2526	0	4334	699	25	6

TABLE-12 (Continued)
1987

RESIDENCE	SEX			RACE				
	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLAMUCHY TWP	14	6	8	0	14	0	0	0
ALPHA BORO	26	16	10	0	26	0	0	0
BELVIDERE TOWN	46	21	25	0	46	0	0	0
BLAIRSTOWN TWP	41	21	20	0	41	0	0	0
FRANKLIN TWP	19	12	7	0	19	0	0	0
FRELINGHUYSEN TWP	8	4	4	0	8	0	0	0
GREENWICH TWP	21	11	10	0	21	0	0	0
HACKETTSTOWN TOWN	78	38	40	0	77	1	0	0
HARDWICK TWP	5	4	1	0	5	0	0	0
HARMONY TWP	10	8	2	0	10	0	0	0
HOPE TWP	6	2	4	0	6	0	0	0
INDEPENDENCE TWP	14	4	10	0	14	0	0	0
KNOWLTON TWP	27	15	12	0	27	0	0	0
LIBERTY TWP	7	4	3	0	7	0	0	0
LOPATCONG TWP	30	16	14	0	30	0	0	0
MANSFIELD TWP	27	13	14	0	24	3	0	0
OXFORD TWP	16	6	10	0	16	0	0	0
PHILLIPSBURG TOWN	245	129	116	0	240	4	0	1
POHATCONG TWP	23	14	9	0	23	0	0	0
WASHINGTON BORO	4	2	2	0	4	0	0	0
WASHINGTON TWP	105	52	53	0	105	0	0	0
WHITE TWP	10	4	6	0	10	0	0	0
*TOTAL WARREN	782	402	380	0	773	8	0	1

TABLE-12 (Continued)
1987

STATE INST	RESIDENCE	SEX			RACE				
		TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
	N J ST HOSP GREYSTONE	2	2	0	0	2	0	0	0
	N J ST HOSP TRENTON	1	1	0	0	1	0	0	0
	N J ST PRISON	1	1	0	0	0	1	0	0
	N J ST TRAINING SCHOOL VI	1	0	1	0	1	0	0	0
	*TOTAL STATE INST	5	4	1	0	4	1	0	0

MILITARY	RESIDENCE	SEX			RACE				
		TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
	FORT DIX	5	4	1	0	2	3	0	0
	MCGUIRE AIR BASE FORT DIX	2	1	1	0	2	0	0	0
	N J ST VETS ADM HOSP LYON	12	12	0	0	12	0	0	0
	VETERANS HOSPITAL EAST OR	2	2	0	0	1	1	0	0
	*TOTAL MILITARY	21	19	2	0	17	4	0	0

Marriages/Divorces 1987

TAB-E
MARRIAGES/DIVORCES

Marriages/Divorces

1987

TABLE OF CONTENTS

INTRODUCTION	E-3
STATISTICAL OVERVIEW	E-4
Number of Marriages	
Age	
Previous Marital Status	
DISSOLUTION OF MARRIAGE	
Total Divorces	E-5
TABLES	
1. ESTIMATED AVERAGE AGE AT MARRIAGE AND PREVIOUS MARITAL STATUS	E-6
2. MARRIAGES--BY COUNTY, SEX, PREVIOUS MARITAL STATUS, AND AVERAGE AGE	E-7
3. MARRIAGES--BY PREVIOUS MARITAL STATUS OF HUSBAND AND PREVIOUS MARITAL STATUS OF WIFE	E-8
4. MARRIAGES--BY AGE OF HUSBAND AND AGE OF WIFE	E-9
5. MARRIAGES--BY AGE OF HUSBAND AT FIRST MARRIAGE AND AGE OF WIFE	E-10
6. MARRIAGES--BY AGE OF HUSBAND AND AGE OF WIFE AT FIRST MARRIAGE	E-11
7. DIVORCES--BY COUNTY OF ORIGIN	E-12
8. DIVORCES--BY MONTH OF OCCURRENCE	E-13

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Marriages/Divorces 1987

INTRODUCTION

Marriage statistics provided in this report were tabulated from items reported on marriage certificates filed with the New Jersey State Registrar for calendar year 1987. Divorce data were obtained from the New Jersey Superior Court, Chancery Division. Both marriages and divorces are recorded by place of occurrence or judgment. Therefore, statistics presented refer to the number of events occurring within New Jersey irrespective of place of residence of the participants. Rates published in this report for both marriages and divorces are based on the 1987 New Jersey annual estimates of population released by the New Jersey Department of Labor.

STATISTICAL OVERVIEW

Number of Marriages

The number of marriage certificates issued in New Jersey during 1987 showed decreases for the third year in a row from the 1984 high which was the highest level recorded since the start of marriage statistical reporting. The 1984 level surpassed the 1946 high of 61,020, the year following the end of World War II. The number of marriages for 1985 was 61,189, a decrease of 1,465 from 1984. The number of marriages in 1986 was 61,362 and, in 1987, the number dropped to 60,550. These numeric declines were enough to decrease the rate of marriages per 1,000 population to 7.9 in 1987. The 1983 and 1984 rates were the highest marriage rates per 1,000 population attained since 1951 when the level was 8.9 per 1,000 population. A low in the number of marriages, and the corresponding rate per 1,000 population, was reached in 1977 of 50,677 and 6.9.

The greatest number of marriages occurred in Essex County (6,804) with the lowest number recorded for Salem (454). Six of the state's counties accounted for over 50 percent of the marriages during 1987; in descending order they are Essex (6,804), Bergen (6,587), Middlesex (4,980), Hudson (4,578), Monmouth (4,510), and Passaic (3,982). In 1987 Cape May County recorded the highest marriage rate, 9.4 per 1,000 population, followed by Atlantic, Passaic, Somerset, and Hudson. Ocean County had the lowest rate, 6.4 per 1,000.

Previous Marital Status

Data on marital status showed that the proportion of men to women previously married has remained stable over the past five years. The decrease in first marriages between 1986 and 1987 was 1.1 percent for women and 0.7 percent for men. Sixty-three percent of all marriages were between persons marrying for the first time; in 74.6 percent of all marriages the woman was marrying for the first time. Divorced men were marrying in 24.5 percent of all marriages, and divorced women were marrying in 22.8 percent of all marriages.

Age

In 1987 the average age at time of marriage (regardless of previous marital status) was 27.8 years for women and 30.3 years for men, an increase for both sexes since 1986. The mean ages in 1986 were 27.6 years for women and 30.1 years for men. The number of women and men marrying before the age of 25 continues to decline. In 1987 38.5 percent of the women married before the age of 25, compared to 40.0 percent of the women in 1986, 42.3 percent in 1985, and 43.8 percent in 1984. The same pattern also applied to men marrying before the age of 25 -- 24.7 percent in 1987 versus 26.2 percent in 1986. In 1981 comparable figures were 35.8 percent or 20,793 males marrying before age 25. Teenage brides, likewise, continued their downward trend to a level of 3,677 compared to 4,077 in 1986 and 4,382 in 1985. Teenage brides comprised 6.1 percent of all brides in 1987, compared to 6.6 percent, 7.2 percent and 8.0 percent in 1986 through 1984, respectively.

DISSOLUTION OF MARRIAGE

For every two marriages during 1987, one divorce occurred. There were 27,222 divorces and annulments during the 1987 calendar year. This was a total of 447 less than in 1986. Since the marriage rate declined, the parallel decrease in divorces resulted in an unchanged ratio of marriages to divorces. The marriage dissolution rate, the number of dissolutions per 1,000 population, reached 4.1, an all-time high, in 1982. In 1983 and 1984 the rate returned to the 1981 level of 3.8 per 1,000 population. In 1985 the marriage dissolution rate increased slightly to 3.9, before falling to 3.6 in 1986 and then to 3.5 per 1,000 in 1987.

The ratio of divorces to marriages differed little among the counties. While the order was slightly different, the top ranking seven counties were the same as in 1984. These counties, Bergen, Essex, Middlesex, Monmouth, Hudson, Camden and Union, accounted for over 55 percent of the dissolutions that took place.

TABLE-1
NEW JERSEY
ESTIMATED AVERAGE AGE AT MARRIAGE AND PREVIOUS MARITAL STATUS: 1973-1987

Year	Marriages		Average Age				Previous Marital Status					
	Number	Rate	WOMEN		MEN		WOMEN			MEN		
			Rate	WOMEN	MEN	Percent Single	Percent Widowed	Percent Divorced	Percent Single	Percent Widowed	Percent Divorced	
1973	59,723	8.1	25.8	28.3	80.1	4.7	15.2	78.2	4.6	17.2	17.2	
1974	56,449	7.6	25.9	28.5	79.3	4.5	16.2	76.8	4.6	18.6	18.6	
1975	53,008	7.2	26.1	28.8	78.0	4.5	17.5	75.4	4.7	19.9	19.9	
1976	51,291	7.0	26.3	28.4	77.2	4.4	18.4	74.6	4.5	20.9	20.9	
1977	50,677	6.9	26.4	29.1	76.8	4.1	19.1	73.9	4.3	21.8	21.8	
1978	52,993	7.2	26.7	29.4	75.7	3.7	20.6	72.9	3.9	23.2	23.2	
1979	54,740	7.5	26.3	29.1	75.4	4.1	20.5	72.4	4.2	23.5	23.5	
1980	55,794	7.6	25.8	29.0	75.3	3.6	21.2	72.6	3.7	23.7	23.7	
1981	58,010	7.8	26.7	29.3	74.4	3.3	22.0	71.9	3.5	24.4	24.4	
1982	59,949	8.1	26.6	29.4	73.9	3.2	22.4	71.2	3.4	25.2	25.2	
1983	61,798	8.3	26.7	29.5	74.0	3.0	22.7	71.5	3.2	25.1	25.1	
1984	62,654	8.3	27.1	29.8	73.9	3.0	22.8	71.8	3.1	24.8	24.8	
1985	61,189	8.1	27.8	30.3	74.2	2.7	23.0	72.0	2.8	25.1	25.1	
1986	61,362	8.1	27.6	30.1	74.4	2.5	23.0	72.4	2.6	25.0	25.0	
1987	60,550	7.9	27.8	30.3	74.6	2.6	22.8	72.9	2.6	24.5	24.5	

TABLE-2

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1987

PLACE OF MARRIAGE	WOMEN					MEN					AVERAGE AGE	
	Total	Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men	
STATE TOTAL	60,550	45,193	1,565	13,788	4	44,129	1,582	14,837	2	28	30	
ATLANTIC COUNTY	1,905	1,341	57	507	0	1,314	43	548	0	28	31	
BERGEN COUNTY	6,587	5,082	178	1,327	0	4,911	174	1,501	1	28	31	
BURLINGTON COUNTY	3,023	2,140	81	801	1	2,091	98	834	0	28	30	
CAMDEN COUNTY	3,422	2,465	92	865	0	2,414	101	907	0	28	31	
CAPE MAY COUNTY	885	589	38	258	0	594	35	256	0	29	32	
CUMBERLAND COUNTY	1,060	743	40	277	0	754	26	280	0	28	30	
ESSEX COUNTY	6,804	5,423	143	1,238	0	5,219	158	1,427	0	28	30	
GLOUCESTER COUNTY	1,637	1,192	45	400	0	1,158	38	441	0	27	30	
HUDSON COUNTY	4,578	3,486	110	982	0	3,407	86	1,085	0	28	30	
HUNTERDON COUNTY	775	535	20	220	0	515	19	241	0	28	31	
MERCER COUNTY	2,452	1,807	59	584	2	1,740	69	643	0	28	31	
MIDDLESEX COUNTY	4,980	3,797	93	1,090	0	3,726	95	1,159	0	27	30	
MONMOUTH COUNTY	4,510	3,275	128	1,107	0	3,206	149	1,155	0	28	31	
MORRIS COUNTY	3,418	2,572	69	777	0	2,545	76	797	0	28	30	
OCEAN COUNTY	2,571	1,719	128	724	0	1,712	134	725	0	29	31	
PASSAIC COUNTY	3,982	3,108	80	794	0	2,989	81	912	0	27	30	
SALEM COUNTY	454	325	16	113	0	296	22	136	0	27	30	
SOMERSET COUNTY	1,882	1,384	34	464	0	1,345	45	492	0	28	31	
SUSSEX COUNTY	920	638	33	249	0	648	25	247	0	28	30	
UNION COUNTY	3,943	3,024	106	812	1	2,986	91	865	1	28	30	
WARREN COUNTY	681	494	14	173	0	506	15	160	0	27	29	
STATE INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	0	
MILITARY POSTS	81	54	1	26	0	53	2	26	0	27	28	

TABLE-3

MARRIAGES IN NEW JERSEY
 BY PREVIOUS MARITAL STATUS OF HUSBAND,
 BY PREVIOUS MARITAL STATUS OF WIFE
 1987

PREVIOUS MARITAL STATUS OF WIFE	PREVIOUS MARITAL STATUS OF HUSBAND									
	TOTAL	SINGLE		WIDOWED		DIVORCED		UNKNOWN		
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT		
SINGLE	45193	74.64	38125	86.39	277	17.51	6790	45.76	1	50.00
WIDOWED	1565	2.58	290	.66	669	42.29	605	4.08	1	50.00
DIVORCED	13788	22.77	5714	12.95	636	40.20	7438	50.13	0	.00
UNKNOWN	4	.01	0	.00	0	.00	4	.03	0	.00
TOTAL	60550	100.00	44129	100.00	1582	100.00	14837	100.00	2	100.00

TABLE-4

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE
1987

AGE GROUP OF WIFE	AGE GROUP OF HUSBAND														TOTAL	UNK	
	<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59			60-64
<15	20	0	0	1	2	3	7	3	2	0	1	1	0	0	0	0	0
15	42	0	2	2	11	5	18	4	0	0	0	0	0	0	0	0	0
16	225	0	3	13	33	42	109	19	1	0	0	0	0	0	0	0	0
17	392	0	1	14	54	72	202	43	0	1	0	0	0	0	0	0	0
18	1208	0	5	13	115	159	684	175	8	8	3	3	0	0	0	0	0
19	1790	1	3	8	54	177	1114	321	19	5	1	4	1	1	0	0	0
20-24	19634	1	3	9	96	217	9038	1781	445	141	42	42	13	4	2	2	0
25-29	18189	2	0	2	13	42	2054	4475	1423	507	171	171	56	20	8	8	0
30-34	8350	0	0	0	3	7	402	3016	1789	829	325	325	107	41	16	16	0
35-39	4583	0	0	0	0	5	97	940	1267	930	486	486	226	110	42	42	0
40-44	2632	0	0	0	0	0	37	256	453	670	521	521	318	174	67	67	0
45-49	1475	1	0	0	0	0	8	66	117	239	358	358	314	193	113	113	0
50-54	749	0	0	0	0	1	2	12	31	55	72	72	193	164	137	137	0
55-59	480	0	0	0	0	0	0	3	5	14	14	14	59	122	131	131	0
60-64	336	0	0	0	0	0	0	1	2	1	9	9	11	42	103	103	0
65+	444	0	0	0	0	0	0	0	1	0	3	3	8	22	42	42	0
UNKN.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	60550	5	1	17	62	381	13772	20222	10684	5561	3401	2006	1305	893	661	849	0

TABLE-5

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND AT FIRST MARRIAGE
BY AGE OF WIFE
1987

AGE GROUP OF WIFE	AGE GROUP OF HUSBAND																	TOTAL
	<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK	
<15	18	0	0	0	2	3	7	3	1	0	1	0	0	0	0	0	0	0
15	42	0	2	2	11	5	18	4	0	0	0	0	0	0	0	0	0	0
16	218	0	3	13	33	42	106	16	4	1	0	0	0	0	0	0	0	0
17	380	0	1	14	54	72	202	33	3	0	0	0	0	0	0	0	0	0
18	1148	0	5	13	115	159	672	149	25	4	5	1	0	0	0	0	0	0
19	1680	1	3	8	54	177	1096	283	51	6	1	0	0	0	0	0	0	0
20-24	17818	1	3	9	96	216	8898	7170	1208	173	36	8	0	0	0	0	0	0
25-29	14709	2	0	0	2	42	1989	8695	3217	585	124	26	10	3	1	0	0	0
30-34	5011	0	0	0	3	7	386	1541	2061	771	181	41	12	7	0	1	0	0
35-39	1882	0	0	0	0	5	92	383	573	503	215	78	20	7	5	1	0	0
40-44	681	0	0	0	0	0	36	73	143	158	134	74	37	12	8	6	0	0
45-49	280	1	0	0	0	0	7	18	48	44	63	52	30	10	4	3	0	0
50-54	121	0	0	0	0	1	2	3	7	15	20	17	22	17	12	5	0	0
55-59	70	0	0	0	0	0	0	0	2	3	6	3	9	16	12	19	0	0
60-64	26	0	0	0	0	0	0	1	1	0	0	3	2	4	8	7	0	0
65+	44	0	0	0	0	0	0	0	0	0	0	2	4	4	7	27	0	0
UNKN.	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	44129	5	1	17	62	381	13511	18373	7344	2263	786	305	146	80	57	69	0	0

TABLE-6

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE AT FIRST MARRIAGE
1987

AGE GROUP OF WIFE	AGE GROUP OF HUSBAND																	65+	UNK
	TOTAL	<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64			
<15	19	0	0	0	1	2	3	7	2	2	0	1	1	0	0	0	0		
15	42	0	0	2	2	11	5	18	4	0	0	0	0	0	0	0	0		
16	225	0	0	3	13	33	42	109	19	5	1	0	0	0	0	0	0		
17	392	0	1	1	14	54	72	202	43	4	0	1	0	0	0	0	0		
18	1203	0	0	5	13	115	159	682	173	38	8	8	2	0	0	0	0		
19	1777	1	0	3	8	53	175	1111	316	84	19	5	1	1	1	0	0		
20-24	18916	1	0	3	9	92	205	8824	7520	1673	405	130	38	12	4	0	0		
25-29	15454	2	0	0	10	10	35	1722	8304	3727	1102	348	126	50	18	8	1		
30-34	4746	0	0	0	0	3	4	203	1009	1828	993	442	173	50	26	10	5		
35-39	1499	0	0	0	0	0	2	30	154	332	437	273	150	69	32	17	3		
40-44	506	0	0	0	0	0	0	10	19	55	72	112	101	72	38	15	12		
45-49	192	0	0	0	0	0	0	3	7	14	12	36	45	30	21	16	8		
50-54	95	0	0	0	0	0	0	0	2	2	5	7	11	22	16	16	14		
55-59	61	0	0	0	0	0	0	0	1	0	0	2	1	12	14	14	17		
60-64	25	0	0	0	0	0	0	0	1	0	0	0	2	2	0	9	11		
65+	40	0	0	0	0	0	0	0	1	0	0	0	1	2	3	1	32		
UNKN.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0		
TOTAL	45193	4	1	17	61	373	702	12921	17576	7764	3054	1365	652	321	173	106	103		

TABLE-7
 * DIVORCES IN NEW JERSEY: 1971-1987
 By County of Origin

Year	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland	Ffssex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren	Total
1971	376	1531	514	946	95	298	1484	295	782	127	619	1177	836	566	500	829	108	352	136	1148	128	12847
1972	405	1710	547	958	136	396	1825	332	878	188	830	1364	1123	852	635	926	142	520	163	955	132	15017
1973	585	2431	1078	1418	184	472	2505	485	1477	210	1208	1835	1548	1275	924	1377	181	475	232	1616	538	22054
1974	594	2193	896	1387	194	448	2314	535	1247	221	980	1602	1570	1037	843	1224	184	699	245	1313	254	19880
1975	646	2363	897	1254	178	442	2099	515	1356	259	1183	1582	1665	1281	959	1278	141	598	284	1243	252	20475
1976	753	2407	981	1287	227	443	2263	549	1314	236	1242	1692	1720	1234	968	1197	156	499	298	1279	245	20990
1977	546	1999	1088	1267	241	531	2158	493	1557	253	1005	1558	1377	909	1097	1169	198	659	318	1166	307	19894
1978	746	2370	1209	1473	292	527	2377	672	1826	298	1330	2066	1718	1473	1358	1519	198	717	424	1767	392	24752
1979	570	2530	1381	1596	220	491	2388	657	1601	271	1215	1961	1654	1445	1138	1427	193	769	360	1650	317	23934
1980	676	2734	1386	1635	265	547	2440	850	1846	378	1251	2377	1818	1371	1421	1482	259	849	383	1467	348	25783
1981	938	3104	1551	1906	320	421	2580	815	1931	435	1292	2426	1950	1580	1493	1571	219	691	437	1812	380	27852
1982	941	3124	1614	1792	352	567	2904	1028	2269	395	1304	2489	2319	1864	1599	1895	229	859	538	1852	388	30322
1983	945	2758	1404	1786	341	601	2909	754	1992	389	1233	2218	2078	1604	1404	1781	243	807	481	1800	395	27923
1984	910	2956	1429	1762	422	571	2611	728	2001	407	1074	2497	2158	1780	1613	1742	224	888	554	1792	351	28470
1985	909	2962	1481	1848	373	611	2760	754	2003	424	1289	2568	2279	1782	1699	1631	262	794	508	1978	380	29295
1986	922	2841	1422	1819	390	568	2671	714	2094	359	1012	2503	2002	1605	1581	1509	234	794	512	1786	331	27669
1987	891	2649	1531	1849	353	549	2426	904	2024	400	1143	2354	1867	1575	1448	1509	263	778	479	1876	354	27222

* Includes annulments. # Court Year: September 1, through August 31 1968-1983. Calendar year used starting with 1984.

TABLE-8
 DIVORCES AND ANNULMENTS IN NEW JERSEY
 January - December: 1987

County	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
New Jersey	27,222	1,705	1,794	2,247	2,692	2,467	2,398	2,973	1,890	2,190	1,825	2,355
Atlantic County	891	111	65	67	80	67	96	95	68	51	58	77
Bergen County	2,649	286	220	229	234	274	218	257	174	216	167	209
Burlington County	1,531	170	100	127	141	142	125	170	114	124	81	128
Camden County	1,849	180	126	152	149	153	205	192	126	144	123	157
Cape May County	353	49	11	27	36	31	39	48	31	8	25	29
Cumberland County	549	52	54	37	55	58	37	48	29	60	46	43
Essex County	2,426	247	102	220	203	217	262	315	165	155	152	245
Gloucester County	904	74	35	80	95	76	88	115	75	77	54	68
Hudson County	2,024	197	132	159	134	234	161	218	131	156	105	210
Hunterdon County	400	35	26	34	36	32	23	51	30	34	29	45
Mercer County	1,143	101	64	87	124	77	113	129	92	101	67	116
Middlesex County	2,354	222	109	205	288	216	176	207	181	269	162	183
Monmouth County	1,867	167	126	129	200	175	155	229	140	131	122	156
Morris County	1,575	156	89	155	182	152	121	189	111	124	78	128
Ocean County	1,448	122	99	125	140	125	129	184	104	109	103	125
Passaic County	1,509	138	119	93	194	118	151	152	74	126	156	114
Salem County	263	28	12	17	26	22	29	27	15	24	21	23
Somerset County	778	87	44	58	103	51	31	89	61	74	60	61
Sussex County	479	54	30	32	63	44	39	43	12	43	45	37
Union County	1,876	179	127	178	175	171	164	182	136	133	146	158
Warren County	354	31	15	25	34	32	36	33	21	31	25	43
Note: Totals from New Jersey Superior Court												

Municipality Gross Summary 1987

**TAB-F
MUNICIPALITY GROSS SUMMARY**

**CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH**

Municipality Gross Summary 1987

TABLE OF CONTENTS

INTRODUCTION	F-3
STATE SUMMARY	F-4
ATLANTIC	F-5
BERGEN	F-6
BURLINGTON	F-9
CAMDEN	F-11
CAPE MAY	F-13
CUMBERLAND	F-14
ESSEX	F-15
GLOUCESTER	F-16
HUDSON	F-17
HUNTERDON	F-18
MERCER	F-19
MIDDLESEX	F-20
MONMOUTH	F-21
MORRIS	F-23
OCEAN	F-25
PASSAIC	F-26
SALEM	F-27
SOMERSET	F-28
SUSSEX	F-29
UNION	F-30
WARREN	F-31

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Municipality Gross Summary 1987

INTRODUCTION

Annually, the New Jersey Department of Health has produced County tables with individual Municipality summaries of marriages, births and deaths (infant, fetal, neonatal). These tables also include the latest population totals for each Municipality released by the New Jersey Department of Labor, Office of Demographic and Economic Analysis.

These special County-Municipality tables were originally produced to provide vital statistics information to local health officers and various programs within the Department of Health. Increased requests for these tables have been received from researchers and the public. Thus, this section presents the seven above-mentioned items in one table summarizing data for each of the 21 counties and 567 municipalities in New Jersey. Crude birth or mortality rates are not included; they are presented elsewhere in this report for the State and for each of the 21 counties.

-
- NOTE: ¹ Infant Death refers to a death occurring to a live born individual of less than 1 year of age.
- ² Fetal Death is defined as death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
- ³ Neonatal Death refers to a live born infant who dies before completing four weeks (28 days of life).
-

ESTIMATED POPULATION, MARRIAGES, BIRTHS, DEATHS, INFANT DEATHS,
FETAL DEATHS AND NEONATAL DEATHS BY COUNTIES
1987

NEW JERSEY

County	Population	Marriages	Births	Deaths	Infant ¹ Deaths	Fetal ² Deaths	Neonatal ³ Deaths
Atlantic	208,542	1,905	3,507	2,390	33	80	28
Bergen	830,467	6,587	9,711	7,819	62	55	44
Burlington	388,129	3,023	5,473	2,839	38	89	28
Camden	496,318	3,422	8,500	4,423	87	165	58
Cape May	94,160	885	1,298	1,183	14	28	11
Cumberland	137,571	1,060	2,178	1,288	29	48	17
Essex	844,545	6,804	13,262	8,572	175	165	114
Gloucester	213,043	1,637	3,190	1,725	32	60	20
Hudson	547,196	4,578	8,750	5,871	85	83	49
Hunterdon	98,914	775	1,446	627	7	17	4
Mercer	327,123	2,452	4,774	3,090	72	53	54
Middlesex	645,709	4,980	9,538	5,120	77	76	62
Monmouth	553,618	4,510	8,020	5,152	73	61	47
Morris	419,438	3,418	5,616	2,934	39	36	25
Ocean	402,998	2,571	5,560	5,371	37	40	30
Passaic	463,736	3,982	7,632	4,292	74	76	44
Salem	65,371	454	813	658	4	12	2
Somerset	221,628	1,882	3,200	1,612	28	28	21
Sussex	124,323	920	2,099	890	11	7	9
Union	502,468	3,943	7,101	5,064	65	64	39
Warren	87,227	681	1,375	782	12	13	11
State Institutions		0	1	5	0	0	0
Military Posts		81	190	21	3	7	2
TOTAL	7,672,524	60,550	113,234	71,728	1,057	1,263	719

Note:

Marriage data by place of occurrence, all other by place of residence.

Population used in this table from the "Population Estimates for New Jersey" issued by the Division of Labor Market and Demographic Research, Department of Labor, October, 1987.

Population not available for State Institutions and Military Posts. County population totals may not add due to rounding.

ATLANTIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Absecon City	7,557	104	153	84	2	5	0
Atlantic City	35,431	406	849	737	13	32	12
Brigantine City	10,168	84	145	97	0	3	0
Buena Boro	3,699	44	87	41	1	0	1
Buena Vista Twp.	7,448	68	65	45	1	1	1
Corbin City	243	3	3	3	0	0	0
Egg Harbor City	4,558	71	128	52	0	2	0
Egg Harbor Twp.	22,506	113	324	104	5	3	5
Estell Manor City	1,038	5	14	7	0	0	0
Folsom Boro	1,938	8	12	19	0	0	0
Galloway Twp.	19,861	171	263	62	1	4	1
Hamilton Twp.	12,936	100	275	120	1	7	0
Hammonton Town	12,347	136	237	177	1	0	0
Linwood City	6,344	65	80	68	0	4	0
Longport Boro	1,253	16	6	22	0	0	0
Margate City	8,986	101	60	117	0	2	0
Mullica Twp.	5,421	38	58	28	0	2	0
Northfield City	7,639	60	114	80	1	2	1
Pleasantville City	14,757	134	315	207	6	8	6
Port Republic City	888	17	8	7	0	0	0
Somers Point City	10,525	84	191	146	1	1	1
Ventnor City	11,541	69	90	153	0	4	0
Weymouth Twp.	1,458	8	30	14	0	0	0
Total	208,542	1,905	3,507	2,390	33	80	28

NOTE: Marriage data by place of occurrence, all other by place of residence.

BERGEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allendale Boro	6,038	30	63	48	0	0	0
Alpine Boro	1,691	29	17	2	0	0	0
Bergenfield Boro	24,936	188	325	240	2	0	2
Bogota Boro	7,880	89	108	75	0	1	0
Carlstadt Boro	6,053	32	79	60	1	0	1
Cliffside Park Boro	20,453	130	209	247	0	1	0
Closter Boro	8,042	56	90	68	0	0	0
Cresskill Boro	7,623	169	54	73	1	0	0
Demarest Boro	4,868	31	34	44	0	0	0
Dumont Boro	17,708	96	221	180	1	1	1
East Rutherford Boro	7,890	120	121	91	1	1	1
Edgewater Boro	4,674	87	76	48	2	1	2
Elmwood Park Boro	17,791	106	231	194	1	0	1
Emerson Boro	7,486	94	75	64	0	0	0
Englewood City	23,672	204	363	260	4	2	3
Englewood Cliffs Boro	5,774	16	41	39	1	0	0
Fair Lawn Boro	30,816	146	308	335	3	5	3
Fairview Boro	10,210	182	202	139	5	3	4
Fort Lee Boro	32,406	129	328	338	2	1	2
Franklin Lakes Boro	9,900	73	80	49	0	0	0
Garfield City	26,042	196	407	310	1	3	1
Glen Rock Boro	10,885	68	135	71	1	0	1
Hackensack City	35,954	384	511	364	2	4	2
Harrington Park Boro	4,525	35	49	22	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Hasbrouck Heights Boro	11,548	136	124	134	1	0	0
Haworth Boro	3,380	38	27	46	1	1	1
Hillsdale Boro	10,220	59	106	78	2	1	1
Hohokus Boro	4,000	53	46	32	1	0	0
Leonia Boro	8,041	72	96	68	0	0	0
Little Ferry Boro	9,870	72	133	96	1	2	0
Lodi Boro	22,682	134	324	232	1	2	1
Lyndhurst Twp.	19,769	138	201	237	2	0	0
Mahwah Twp.	14,738	87	166	91	1	4	0
Maywood Boro	9,646	74	114	122	1	1	1
Midland Park Boro	7,026	55	99	67	1	0	1
Montvale Boro	7,462	26	80	41	0	0	0
Moonachie Boro	2,730	21	32	27	0	0	0
New Milford Boro	16,143	64	174	169	2	2	0
North Arlington Boro	15,744	116	172	207	0	2	0
North Vale Boro	4,894	37	39	20	0	0	0
Norwood Boro	4,633	66	47	44	0	0	0
Oakland Boro	12,832	69	147	89	0	2	0
Old Tappan Boro	4,400	37	47	26	0	0	0
Oradell Boro	8,308	64	72	70	2	0	2
Palisades Park Boro	13,325	86	215	143	0	1	0
Paramus Boro	25,633	209	194	227	1	0	0
Park Ridge Boro	8,545	121	95	60	0	0	0
Ramsey Boro	13,221	114	153	66	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Ridgefield Boro	9,884	120	137	118	1	0	1
Ridgefield Park Twp.	12,181	44	104	87	0	0	0
Ridgewood Village	24,522	216	235	192	2	2	1
River Edge Boro	10,442	69	103	117	2	0	2
River Vale Twp.	9,561	21	106	65	0	0	0
Rochelle Park Twp.	5,249	88	107	98	2	0	2
Rockleigh Boro	184	7	2	1	0	0	0
Rutherford Boro	18,194	179	185	180	2	2	2
Saddle Brook Twp.	13,654	96	154	131	1	0	0
Saddle River Boro	2,979	59	21	14	0	0	0
South Hackensack Twp.	2,213	8	30	21	0	1	0
Teaneck Twp.	37,806	222	523	339	4	2	4
Tenafly Boro	13,160	163	97	100	0	0	0
Teterboro Boro	22	1	3	0	0	0	0
Upper Saddle River Boro	7,796	99	58	38	0	0	0
Waldwick Boro	10,344	22	136	72	1	0	0
Wallington Boro	10,310	56	147	122	0	3	0
Washington Twp.	10,085	62	97	48	1	0	0
Westwood Boro	10,789	75	137	121	1	1	1
Wood-Ridge Boro	7,911	78	77	61	0	3	0
Woodcliff Lake Boro	5,554	98	53	28	0	0	0
Wyckoff Twp.	15,520	166	169	113	0	0	0
Total	830,467	6,587	9,711	7,819	62	55	44

BURLINGTON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant		Neonatal	
					Deaths	Fetal Deaths	Deaths	Deaths
Bass River Twp.	1,404	7	28	12	0	1	0	0
Beverly City	2,759	56	84	42	0	0	0	0
Bordentown City	4,278	46	35	72	0	1	0	0
Bordentown Twp.	7,462	40	140	58	2	1	2	2
Burlington City	10,143	148	218	145	6	6	6	6
Burlington Twp.	11,546	72	163	93	1	0	1	1
Chesterfield Twp.	4,477	21	33	16	0	0	0	0
Cinnaminson Twp.	15,354	155	127	125	0	3	0	0
Delanco Twp.	3,580	30	57	49	0	1	0	0
Delran Twp.	14,036	44	141	83	0	2	0	0
Eastampton Twp.	3,958	24	59	3	0	0	0	0
Edgewater Park Twp.	8,979	37	103	42	0	1	0	0
Evesham Twp.	31,922	140	514	151	4	5	2	2
Fieldsboro Boro	570	0	4	7	0	0	0	0
Florence Twp.	9,404	63	156	108	2	2	2	2
Hainsport Twp.	3,220	45	35	19	1	0	1	1
Lumberton Twp.	5,394	39	57	29	0	0	0	0
Mansfield Twp.	3,293	20	31	16	0	0	0	0
Maple Shade Twp.	19,377	156	275	214	0	8	0	0
Medford Lakes Boro	4,972	341	47	27	0	1	0	0
Medford Twp.	20,248	189	246	140	1	5	0	0
Moorestown Twp.	15,606	157	168	192	1	3	1	1
Mount Holly Twp.	10,600	161	306	175	2	7	2	2
Mount Laurel Twp.	28,521	107	345	119	1	5	0	0

BURLINGTON COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
New Hanover Twp.	15,896	106	215	1	0	0	0
North Hanover Twp.	8,800	32	119	11	1	0	1
Palmyra Boro	7,106	67	116	76	0	1	0
Pemberton Boro	1,129	14	26	26	3	1	2
Pemberton Twp.	30,411	160	529	175	2	3	1
Riverside Twp.	7,665	135	127	101	1	0	0
Riverton Boro	2,876	8	27	14	1	0	1
Shamong Twp.	5,145	16	52	17	0	0	0
Southampton Twp.	9,217	19	121	147	0	3	0
Springfield Twp.	2,838	33	31	14	0	0	0
Tabernacle Twp.	6,866	47	65	36	0	0	0
Washington Twp.	793	6	13	3	0	0	0
Westampton Twp.	5,124	18	100	6	0	1	0
Willingboro Twp.	38,015	251	513	237	7	24	5
Woodland Twp.	1,999	4	12	7	1	1	0
Wrightstown Boro	3,146	9	35	31	1	3	1
Total	388,129	3,023	5,473	2,839	38	89	28

CAMDEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Audubon Boro	9,455	70	119	93	2	1	2
Audubon Park Boro	1,264	2	10	19	0	0	0
Barrington Boro	7,382	43	83	58	1	4	1
Bellmawr Boro	13,561	84	161	128	2	2	1
Berlin Boro	5,944	103	187	100	1	3	0
Berlin Twp.	5,576	24	59	21	0	0	0
Brooklawn Boro	2,087	14	17	26	1	0	0
Camden City	81,675	565	2,360	855	37	51	27
Cherry Hill Twp.	73,655	529	796	594	2	14	1
Chesilhurst Boro	1,676	11	19	9	0	0	0
Clementon Boro	5,865	42	181	82	1	3	1
Collingswood Boro	15,367	111	224	222	1	7	0
Gibbsboro Boro	2,640	26	42	27	0	0	0
Gloucester City	13,196	104	212	196	4	3	2
Gloucester Twp.	51,647	245	619	224	1	8	1
Haddon Heights Boro	8,150	89	109	81	2	1	1
Haddon Twp.	15,849	123	225	180	2	2	2
Haddonfield Boro	12,151	154	107	111	2	3	0
Hi-Nella Boro	1,188	4	24	8	0	0	0
Laurel Springs Boro	2,270	29	85	14	0	3	0
Lawnside Boro	3,005	28	33	44	1	1	0
Lindenwold Boro	18,305	86	389	106	1	8	0
Magnolia Boro	4,888	72	90	46	3	0	2
Merchantville Boro	3,939	129	55	58	1	0	1

CAMDEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Ephraim Boro	4,813	51	51	62	0	1	0
Oaklyn Boro	4,199	26	81	67	0	1	0
Pennsauken Twp.	34,384	186	542	383	8	12	7
Pine Hill Boro	9,069	48	176	56	0	0	0
Pine Valley Boro	25	0	0	0	0	0	0
Runnemede Boro	9,308	94	118	78	1	6	1
Somerdale Boro	5,828	52	118	63	2	3	1
Stratford Boro	7,850	29	129	73	2	3	2
Tavistock Boro	12	0	0	0	0	0	0
Voorhees Twp.	20,500	69	345	101	4	7	1
Waterford Twp.	10,068	48	191	81	0	6	0
Winslow Twp.	26,967	117	493	123	5	10	4
Woodlynne Boro	2,560	15	50	34	0	2	0
Total	496,318	3,422	8,500	4,423	87	165	58

CAPE MAY COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Avalon Boro	2,415	23	20	34	0	1	0
Cape May City	5,898	152	74	95	2	4	1
Cape May Point Boro	295	2	5	5	0	0	0
Dennis Twp.	4,883	24	85	43	0	0	0
Lower Twp.	19,784	113	285	244	2	2	2
Middle Twp.	13,522	92	201	186	2	5	2
North Wildwood City	4,908	35	70	64	2	0	2
Ocean City	15,624	152	171	216	2	8	1
Sea Isle City	2,964	36	38	36	1	0	1
Stone Harbor Boro	1,281	22	10	22	1	0	1
Upper Twp.	9,207	80	139	70	0	2	0
West Cape May Boro	1,243	3	16	15	0	0	0
West Wildwood Boro	368	0	3	3	0	0	0
Wildwood City	4,936	72	103	87	1	4	0
Wildwood Crest Boro	4,163	64	30	44	1	0	1
Woodbine Boro	2,669	15	48	19	0	2	0
Total	94,160	885	1,298	1,183	14	28	11

CUMBERLAND COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bridgeton City	18,745	181	453	307	9	12	4
Commercial Twp.	4,969	21	74	30	0	0	0
Deerfield Twp.	2,773	12	33	21	1	0	0
Downe Twp.	1,930	11	21	16	1	0	0
Fairfield Twp.	5,924	38	77	21	1	0	1
Greenwich Twp.	981	7	6	7	0	0	0
Hopewell Twp.	4,472	31	32	27	0	1	0
Lawrence Twp.	2,386	20	36	21	0	0	0
Maurice River Twp.	6,079	41	44	23	0	4	0
Millville City	25,751	216	454	294	6	7	4
Shiloh Boro	593	4	11	2	0	0	0
Stow Creek Twp.	1,458	2	11	7	0	0	0
Upper Deerfield Twp.	7,013	37	95	53	2	2	1
Vineland City	54,497	439	831	459	9	22	7
Total	137,571	1,060	2,178	1,288	29	48	17

ESSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Belleville Town	36,290	169	444	371	5	2	5
Bloomfield Town	47,988	297	573	527	1	4	1
Caldwell Boro	7,691	115	101	119	0	0	0
Cedar Grove Twp.	12,662	79	141	122	0	0	0
East Orange City	77,140	518	1,533	890	27	18	15
Essex Fells Boro	2,370	35	20	15	0	0	0
Fairfield Boro	8,438	80	58	46	0	2	0
Glen Ridge Boro	7,853	40	107	70	0	0	0
Irvington Town	62,251	348	1,114	603	13	9	8
Livingston Twp.	28,737	392	241	203	2	5	2
Maplewood Twp.	22,932	112	320	239	2	3	0
Millburn Twp.	19,519	211	168	172	0	1	0
Montclair Town	38,790	377	503	388	5	2	4
Newark City	315,196	2,405	6,014	3,192	97	100	64
North Caldwell Boro	6,834	28	47	19	0	0	0
Nutley Town	29,229	253	314	339	3	0	1
Orange City	31,805	302	614	353	10	10	6
Roseland Boro	5,516	42	42	54	1	0	1
South Orange Village	16,262	254	141	126	0	0	0
Verona Boro	14,202	204	167	155	3	2	2
West Caldwell Boro	11,575	18	141	89	0	1	0
West Orange Town	41,265	525	459	480	6	6	5
Total	844,545	6,804	13,262	8,572	175	165	114

GLOUCESTER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Clayton Boro	5,655	43	100	39	0	2	0
Deptford Twp.	24,455	155	243	154	5	9	4
East Greenwich Twp.	4,651	17	66	46	0	2	0
Elk Twp.	3,403	12	47	13	1	0	1
Franklin Twp.	14,070	67	175	90	2	1	2
Glassboro Boro	14,605	121	218	105	4	4	3
Greenwich Twp.	5,276	34	68	68	0	0	0
Harrison Twp.	3,947	46	76	51	1	3	1
Logan Twp.	3,528	13	38	10	1	1	0
Mantua Twp.	9,978	83	238	138	5	5	2
Monroe Twp.	23,159	189	408	183	0	7	0
National Park Boro	3,437	54	46	39	0	1	0
Newfield Boro	1,559	23	78	31	2	4	1
Paulsboro Boro	6,600	51	116	89	3	1	2
Pitman Boro	9,424	67	125	106	1	1	1
South Harrison Twp.	1,782	5	15	4	0	0	0
Swedesboro Boro	2,030	38	81	31	0	2	0
Washington Twp.	35,346	159	389	117	4	5	1
Wenonah Boro	2,240	20	66	53	0	1	0
West Deptford Twp.	18,351	185	207	84	1	4	1
Westville Boro	4,545	36	111	62	0	3	0
Woodbury City	10,321	168	213	176	1	4	1
Woodbury Heights	3,437	48	51	30	1	0	0
Woolwich Twp.	1,244	3	15	6	0	0	0
Total	213,043	1,637	3,190	1,725	32	60	20

HUDSON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bayonne City	61,839	445	697	795	5	2	2
East Newark Boro	1,802	92	36	20	0	0	0
Guttenberg Town	7,569	59	142	63	4	1	3
Harrison Town	12,372	66	191	142	3	1	0
Hoboken City	41,698	218	458	338	1	3	0
Jersey City	217,251	1,784	4,266	2,483	49	43	29
Kearny Town	34,368	250	470	384	6	3	3
North Bergen Twp.	46,692	307	646	543	2	11	1
Secaucus Town	15,561	137	164	155	0	0	0
Union City	54,913	549	938	470	9	13	5
Weehawken Twp.	13,005	125	178	114	1	2	1
West New York Town	40,126	546	564	364	5	4	5
Total	547,196	4,578	8,750	5,871	85	83	49

HUNTERDON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alexandria Twp.	3,210	20	55	17	0	0	0
Bethlehem Twp.	3,210	10	41	5	0	1	0
Bloomsbury Boro	786	17	13	10	0	1	0
Califon Boro	1,071	17	24	7	0	0	0
Clinton Town	1,833	18	32	24	0	3	0
Clinton Twp.	10,164	61	112	24	0	1	0
Delaware Twp.	3,947	43	44	20	0	0	0
East Amwell Twp.	3,822	16	66	19	0	1	0
Flemington Boro	4,527	73	101	62	1	0	1
Franklin Twp.	2,450	20	39	22	2	0	0
Frenchtown Boro	1,532	35	27	17	1	1	1
Glen Gardner Boro	1,520	4	28	24	0	0	0
Hampton Boro	1,675	25	25	13	0	0	0
High Bridge Boro	3,662	19	73	23	0	0	0
Holland Twp.	4,632	11	53	16	0	0	0
Kingwood Twp.	2,953	20	50	21	0	1	0
Lambertville City	3,827	77	54	54	1	1	0
Lebanon Boro	1,105	13	14	18	0	1	0
Lebanon Twp.	5,492	20	102	41	0	1	0
Milford Boro	1,339	32	19	21	0	2	0
Raritan Twp.	12,670	34	204	61	1	3	1
Readington Twp.	12,044	91	150	68	1	0	1
Stockton Boro	615	18	12	3	0	0	0
Tewksbury Twp.	4,509	38	45	15	0	0	0
Union Twp.	4,037	27	38	21	0	0	0
West Amwell Twp.	2,282	16	25	1	0	0	0
Total	98,914	775	1,446	627	7	17	4

MERCER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
East Windsor Twp.	23,171	50	220	116	5	1	4
Ewing Twp.	35,656	171	395	349	4	1	3
Hamilton Twp.	87,106	706	1,078	772	15	5	12
Hightstown Boro	4,843	94	95	66	0	1	0
Hopewell Boro	2,021	12	21	4	0	0	0
Hopewell Twp.	11,282	79	124	83	2	0	2
Lawrence Twp.	25,166	124	280	157	4	4	4
Pennington Boro	2,276	45	27	21	1	0	1
Princeton Boro	12,172	276	130	99	3	1	2
Princeton Twp.	14,288	134	119	83	0	3	0
Trenton City	90,646	709	2,078	1,263	36	35	24
Washington Twp.	5,347	13	83	36	1	1	1
West Windsor Twp.	13,149	39	124	41	1	1	1
Total	327,123	2,452	4,774	3,090	72	53	54

MIDDLESEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Carteret Boro	19,242	147	270	196	6	6	6
Cranbury Twp.	2,292	40	65	92	0	0	2
Dunellen Boro	6,234	93	109	59	0	1	0
East Brunswick Twp.	44,508	302	548	239	3	2	3
Edison Twp.	84,159	438	1,376	593	9	7	7
Helmetta Boro	975	1	19	13	0	0	0
Highland Park Boro	12,915	37	205	118	1	3	1
Jamesburg Boro	4,806	41	138	61	0	0	0
Metuchen Boro	12,899	191	190	142	1	3	0
Middlesex Boro	13,163	76	196	117	2	0	2
Milktown Boro	6,960	51	113	71	0	1	0
Monroe Twp.	21,143	68	173	168	1	0	1
New Brunswick City	39,568	933	623	378	7	14	4
North Brunswick Twp.	26,165	77	372	169	3	1	2
Old Bridge Twp.	56,622	398	684	331	6	5	4
Perth Amboy City	36,881	441	835	409	9	5	8
Piscataway Twp.	44,059	288	639	219	4	5	3
Plainsboro Twp.	11,395	52	208	35	0	4	0
Sayreville Boro	34,894	162	491	304	3	2	3
South Amboy City	7,697	99	219	144	4	1	3
South Brunswick Twp.	22,838	136	365	94	0	3	0
South Plainfield Boro	20,549	143	300	163	2	3	1
South River Boro	13,243	115	206	139	2	2	0
Spotswood Boro	8,495	88	74	83	1	0	1
Woodbridge Twp.	94,007	563	1,120	783	11	8	11
Total	645,709	4,980	9,538	5,120	77	76	62

MONMOUTH COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Aberdeen Twp.	19,003	91	227	90	1	4	0
Allenhurst Boro	880	7	17	13	0	0	0
Allentown Boro	1,864	18	31	18	0	2	0
Asbury Park City	16,061	235	400	246	8	3	5
Atlantic Highlands Boro	4,925	70	131	68	0	0	0
Avon-by-the-Sea-Boro	2,244	35	30	36	0	1	0
Belmar Boro	6,268	90	81	96	0	1	0
Bradley Beach Boro	4,846	41	83	54	1	2	0
Brielle Boro	4,530	49	38	42	0	1	0
Colts Neck Twp.	8,393	56	83	36	0	0	0
Deal Boro	1,829	19	31	17	0	1	0
Eatontown Boro	13,406	92	318	101	2	3	0
Englishtown Boro	1,118	22	59	78	1	0	0
Fair Haven Boro	5,472	39	75	42	1	0	1
Farmingdale Boro	1,372	43	54	18	0	0	0
Freehold Boro	10,446	164	169	81	4	2	2
Freehold Twp.	22,823	115	303	221	3	1	3
Hazlet Twp.	22,936	102	250	174	1	2	0
Highlands Boro	5,150	41	88	64	0	0	0
Holmdel Twp.	11,192	119	83	79	0	0	0
Howell Twp.	36,112	158	620	186	5	4	4
Interlaken Boro	968	3	4	18	0	0	0
Keansburg Boro	10,522	79	225	155	2	1	2
Keyport Boro	7,443	91	153	105	0	2	0
Little Silver Boro	5,525	18	54	42	0	0	0
Loch Arbour Village	351	1	1	3	0	0	0
Long Branch City	29,331	282	553	344	5	6	3
Manalapan Twp.	26,496	119	250	110	2	3	1

MONMOUTH COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Manasquan Boro	5,402	120	126	115	3	0	2
Marlboro Twp.	28,083	100	321	109	1	1	0
Matawan Boro	8,637	130	234	146	1	3	1
Middletown Twp.	69,626	433	786	536	6	5	4
Millstone Twp.	4,778	12	52	41	0	1	0
Monmouth Beach Boro	3,664	27	39	32	1	0	1
Neptune City Boro	5,093	21	105	25	0	0	0
Neptune Twp.	28,960	171	434	439	9	5	7
Ocean Twp.	23,891	188	320	207	4	2	2
Oceanport Boro	6,332	25	91	40	0	0	0
Red Bank Boro	11,739	236	227	204	4	2	2
Roosevelt Boro	912	2	14	1	0	0	0
Rumson Boro	7,216	107	74	51	0	0	0
Sea Bright Boro	1,895	24	19	17	0	0	0
Sea Girt Boro	2,599	39	19	51	0	0	0
Shrewsbury Boro	3,028	47	40	19	2	0	2
Shrewsbury Twp.	1,112	53	21	19	0	1	0
South Belmar Boro	1,594	11	21	22	0	0	1
Spring Lake Boro	4,146	170	25	50	0	0	0
Spring Lake Heights Boro	5,343	49	49	86	0	0	0
Tinton Falls Boro	10,911	60	140	50	1	0	1
Union Beach Boro	6,409	84	112	76	1	0	0
Upper Freehold Twp.	3,037	18	47	21	1	0	1
Wall Twp.	19,934	99	231	188	2	1	2
West Long Branch Boro	7,771	85	62	70	0	1	0
Total	553,618	4,510	8,020	5,152	73	61	47

MORRIS COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Boonton Town	8,253	67	153	112	3	2	1
Boonton Twp.	3,383	17	34	7	0	3	0
Butler Boro	7,212	91	104	50	1	0	0
Chatham Boro	8,212	58	147	104	1	1	1
Chatham Twp.	9,432	44	70	46	0	0	0
Chester Boro	1,489	59	33	15	0	0	0
Chester Twp.	5,642	15	49	25	0	0	0
Denville Twp.	14,106	136	189	113	1	0	1
Dover Town	14,146	186	297	134	3	3	3
East Hanover Twp.	9,961	80	92	63	0	1	0
Florham Park Boro	10,354	83	85	88	0	1	0
Hanover Twp.	11,812	144	135	79	1	0	0
Harding Twp.	3,484	85	27	24	0	0	0
Jefferson Twp.	16,854	77	255	99	0	0	0
Kinnelon Boro	8,232	71	93	46	2	0	2
Lincoln Park Boro	11,005	91	173	94	2	1	2
Madison Boro	15,397	119	183	127	1	2	0
Mendham Boro	5,153	39	43	29	0	2	0
Mendham Twp.	4,572	26	49	36	0	2	0
Mine Hill Twp.	3,460	5	44	21	0	0	0
Montville Twp.	15,466	78	157	89	1	1	0
Morris Plains Boro	5,841	57	94	78	1	0	0
Morris Twp.	19,580	102	141	100	0	0	0
Morristown Town	16,698	401	377	234	7	4	5

MORRIS COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Arlington Boro	4,077	19	39	17	0	0	0
Mount Olive Twp.	19,198	97	355	100	2	1	1
Mountain Lakes Boro	4,172	83	45	22	0	0	0
Netcong Boro	3,432	50	65	35	0	0	0
Parsippany-Troy Hills Twp.	48,679	292	577	283	3	3	3
Passaic Twp.	7,732	57	106	54	0	1	0
Pequannock Twp.	13,329	137	136	99	0	1	0
Randolph Twp.	19,159	151	272	94	3	3	2
Riverdale Boro	2,443	9	40	26	2	0	2
Rockaway Boro	6,542	52	58	58	1	1	1
Rockaway Twp.	19,955	101	324	79	1	2	0
Roxbury Twp.	19,596	114	301	126	3	0	1
Victory Gardens Boro	1,172	3	3	7	0	0	0
Washington Twp.	14,680	69	189	69	0	1	0
Wharton Boro	5,528	53	82	52	0	0	0
Total	419,438	3,418	5,616	2,934	39	36	25

OCEAN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Barnegat Twp.	10,738	51	171	103	0	4	0
Barnegat Light Boro	649	12	3	13	0	0	0
Bay Head Boro	1,304	54	10	20	0	0	0
Beach Haven Boro	1,789	34	11	30	0	0	0
Beachwood Boro	8,448	35	155	65	1	1	1
Berkeley Twp.	33,230	111	209	490	3	0	3
Brick Twp.	61,958	336	892	592	5	3	4
Dover Twp.	72,547	596	978	975	9	5	6
Eagleswood Twp.	1,131	11	20	26	1	0	1
Harvey Cedars Boro	378	5	7	2	0	0	0
Island Heights Boro	1,580	34	14	18	2	0	2
Jackson Twp.	30,568	104	476	265	1	8	1
Lacey Twp.	19,157	120	257	218	2	2	2
Lakehurst Boro	3,062	34	57	112	1	0	1
Lakewood Twp.	40,051	341	1,024	674	6	9	4
Lavallette Boro	2,244	32	32	53	0	0	0
Little Egg Harbor Twp.	11,969	32	156	94	1	1	0
Long Beach Twp.	3,760	55	25	43	0	0	0
Manchester Twp.	34,936	58	177	770	0	0	0
Mantoloking Boro	439	2	3	13	0	0	0
Ocean Gate Boro	1,503	2	27	27	0	0	0
Ocean Twp.	4,082	31	69	60	0	1	0
Pine Beach Boro	1,770	6	20	21	0	0	0
Plumsted Twp.	5,138	51	97	45	1	1	1
Point Pleasant Beach Boro	5,468	43	19	51	1	1	1
Point Pleasant Boro	18,201	162	260	249	3	3	3
Seaside Heights Boro	2,151	20	59	37	0	0	0
Seaside Park Boro	1,801	30	21	46	0	0	0
Ship Bottom Boro	1,676	17	16	20	0	0	0
South Toms River Boro	3,876	15	59	25	0	0	0
Stafford Twp.	13,115	47	155	125	0	0	0
Surf City Boro	1,588	23	10	21	0	0	0
Tuckerton Boro	2,691	67	71	68	0	1	0
Total	402,998	2,571	5,560	5,371	37	40	30

PASSAIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bloomington Boro	8,189	22	95	51	0	1	0
Clifton City	76,491	556	808	934	6	7	4
Haledon Boro	6,888	25	97	103	0	1	0
Hawthorne Boro	18,692	143	241	184	3	0	3
Little Falls Twp.	12,262	162	114	106	1	1	0
North Haledon Boro	8,572	62	64	77	0	0	0
Passaic City	53,857	490	1,306	534	14	20	6
Paterson City	138,200	1,398	3,228	1,283	42	38	25
Pompton Lakes Boro	11,190	177	126	58	0	0	0
Prospect Park Boro	5,202	54	88	56	1	0	0
Ringwood Boro	13,440	119	182	59	0	1	0
Totowa Boro	11,381	109	93	135	0	0	0
Wanaque Boro	10,782	51	144	67	1	1	1
Wayne Twp.	51,145	402	512	396	4	3	3
West Milford Twp.	25,804	152	387	160	2	3	2
West Paterson Boro	11,641	60	147	89	0	0	0
Total	463,736	3,982	7,632	4,292	74	76	44

SALEM COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alloway Twp.	2,846	27	31	13	0	0	0
Carneys Point Twp.	8,459	61	111	89	0	2	0
Elmer Boro	1,550	17	38	30	0	0	0
Elsinboro Twp.	1,231	1	4	8	0	0	0
Lower Alloways Creek Twp.	1,589	9	9	8	0	0	0
Mannington Twp.	1,696	11	12	11	0	1	0
Oldmans Twp.	1,876	10	24	21	0	0	0
Penns Grove Boro	5,234	37	84	84	1	0	1
Pennsville Twp.	13,641	101	165	132	0	2	0
Pilesgrove Twp.	2,936	13	19	18	0	2	0
Pittsgrove Twp.	7,991	56	53	35	0	1	0
Quinton Twp.	2,913	22	20	27	0	0	0
Salem City	6,880	48	155	105	3	3	1
Upper Pittsgrove Twp.	3,290	10	32	18	0	0	0
Woodstown Boro	3,239	31	56	59	0	1	0
Total	65,371	454	813	658	4	12	2

SOMERSET COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bedminster Twp.	6,001	51	75	22	2	0	1
Bernards Twp.	17,115	208	218	118	1	4	1
Bernardsville Boro	6,511	46	46	29	0	0	0
Bound Brook Boro	8,953	140	147	107	2	1	2
Branchburg Twp.	9,610	21	123	40	0	0	0
Bridgewater Twp.	29,235	209	326	192	2	3	1
Far Hills Boro	661	10	13	4	0	0	0
Franklin Twp.	38,468	251	562	193	4	7	3
Green Brook Twp.	4,583	17	55	39	0	0	0
Hillsborough Twp.	24,001	111	412	99	2	1	2
Manville Boro	10,490	76	142	112	3	0	3
Millstone Boro	477	8	5	3	0	0	0
Montgomery Twp.	9,116	43	145	41	1	2	0
North Plainfield Boro	17,243	120	320	147	2	3	2
Peapack-Gladstone Boro	2,077	46	22	7	0	0	0
Raritan Boro	5,825	59	51	65	1	2	1
Rocky Hill Boro	696	16	10	6	0	0	0
Somerville Boro	11,103	213	293	247	4	3	3
South Bound Brook Boro	4,007	30	79	30	2	1	1
Warren Twp.	10,300	124	121	70	1	1	1
Watchung Boro	5,156	83	35	41	1	0	0
Total	221,628	1,882	3,200	1,612	28	28	21

SUSSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Andover Boro	841	8	13	11	0	2	0
Andover Twp.	4,966	62	95	83	1	0	0
Branchville Boro	837	28	21	26	0	0	0
Byram Twp.	7,873	70	149	28	0	0	0
Frankford Twp.	5,210	47	108	59	0	0	0
Franklin Boro	4,633	11	62	29	0	1	0
Fredon Twp.	2,477	10	26	9	0	1	0
Green Twp.	2,603	23	38	16	0	0	0
Hamburg Boro	1,889	23	46	21	0	0	0
Hampton Twp.	4,708	15	50	23	1	0	0
Hardyston Twp.	4,713	44	80	26	0	0	0
Hopatcong Boro	14,799	69	300	93	2	0	2
Lafayette Twp.	1,939	25	27	15	0	0	0
Montague Twp.	2,485	19	46	21	0	0	0
Newton Town	7,361	113	120	108	0	0	0
Ogdensburg Boro	2,613	11	32	14	1	0	1
Sandyston Twp.	1,528	6	23	14	0	0	0
Sparta Twp.	14,477	142	207	82	0	1	0
Stanhope Boro	3,637	29	42	28	1	0	1
Stillwater Twp.	4,241	17	72	15	0	0	0
Sussex Boro	2,387	25	100	63	4	0	4
Vernon Twp.	19,746	80	336	70	1	1	1
Walpack Twp.	70	3	0	0	0	0	0
Wantage Twp.	8,290	40	106	36	0	1	0
Total	124,323	920	2,099	890	11	7	9

UNION COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Berkeley Heights Twp.	12,753	53	118	88	1	0	1
Clark Twp.	16,265	122	135	144	2	1	2
Cranford Twp.	23,933	156	282	254	4	6	2
Elizabeth City	105,876	1,034	2,036	1,105	15	16	9
Fanwood Boro	7,653	20	127	43	1	1	0
Garwood Boro	4,607	67	58	42	0	0	0
Hillside Twp.	21,369	119	284	207	6	1	4
Kenilworth Boro	8,101	54	76	92	0	1	0
Linden City	37,712	240	468	456	6	7	3
Mountainside Boro	7,050	88	58	62	0	1	0
New Providence Boro	12,178	96	147	97	0	2	0
Plainfield City	45,621	231	989	485	13	7	8
Rahway City	26,637	196	371	259	3	8	2
Roselle Boro	20,388	169	298	214	3	5	3
Roselle Park Boro	13,022	94	150	127	0	0	0
Scotch Plains Twp.	21,575	246	244	169	2	2	1
Springfield Twp.	13,955	81	139	175	1	0	1
Summit City	20,866	267	251	199	2	1	1
Union Twp.	50,943	335	486	614	3	1	0
Westfield Town	30,238	271	361	215	3	4	2
Winfield Twp.	1,726	4	23	17	0	0	0
Total	502,468	3,943	7,101	5,064	65	64	39

WARREN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allamuchy Twp.	3,068	12	30	14	0	2	0
Alpha Boro	2,528	17	30	26	1	0	1
Belvidere Town	2,485	47	52	46	1	0	0
Blairstown Twp.	5,035	30	68	41	1	1	1
Franklin Twp.	2,511	18	36	19	0	0	0
Frelinghuysen Twp.	1,696	5	22	8	0	0	0
Greenwich Twp.	1,727	23	27	21	0	0	0
Hackettstown Town	8,808	93	177	78	1	5	1
Hardwick Twp.	1,113	5	13	5	0	0	0
Harmony Twp.	2,596	10	21	10	0	0	0
Hope Twp.	1,665	19	29	6	0	0	0
Independence Twp.	3,105	25	61	14	1	0	1
Knowlton Twp.	2,406	27	38	27	0	1	0
Liberty Twp.	1,981	12	34	7	0	0	0
Lopatcong Twp.	4,888	18	35	30	1	0	1
Mansfield Twp.	6,289	29	84	27	1	0	1
Oxford Twp.	1,637	12	40	16	1	0	1
Pahaquarry Twp.	25	8	0	0	0	0	0
Phillipsburg Town	15,695	134	303	245	3	3	3
Pohatcong Twp.	3,727	27	48	23	0	0	0
Washington Boro	6,507	30	71	4	0	0	0
Washington Twp.	4,613	66	122	105	1	1	1
White Twp.	3,122	14	34	10	0	0	0
Total	87,227	681	1,375	782	12	13	11
State Institutions	0	0	1	5	0	0	0
Military Posts	0	81	190	21	3	7	2
State Total	7,672,524	60,550	113,234	71,728	1,057	1,263	719

Note: Population used in this table from the "Population Estimates for New Jersey" issued by the Division of Labor Market and Demographic Research, Department of Labor, October, 1987, Population not available for State Institutions and Military Posts. County Population totals may not add due to rounding.

Fertility 1987

TAB-G
FERTILITY

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Fertility

1987

TABLE OF CONTENTS

FERTILITY PATTERNS

The American Women	G-3
The New Jersey Women	G-4

TABLES

1. Births and Fertility Rate, US	G-6
2. Births and Fertility Rate, NJ	G-7
3. Number of Births to Women 15-44 Years	G-8
4. Female Population 15-44	G-8
5. Total Fertility, Age Specific	G-8

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Fertility

FERTILITY PATTERNS IN THE NATION AND NEW JERSEY

1987

THE AMERICAN WOMEN

In the U.S. the fertility rate, which expresses the number of live births to women aged 15-44 per 1,000 women in this childbearing age, increased about two percent between 1986 and 1987 (64.9 and 66.1 respectively). The 1986 rate was the lowest rate thus far recorded. Furthermore the U.S. fertility rate has remained essentially unchanged throughout most of the 70's and 80's. The total fertility rate, which is a weighted sum of the age-specific rates, was 1,836.0 for 1986. Thus, if 1,000 women experienced the age-specific birth rates for 1986 over their entire childbearing span, they would be expected to average 1.8 children per woman.

It is not certain whether the recent stability in birth expectations is transitional and will lead to a further decline in fertility, or whether it indicates a new demographic trend in the United States. If the latter proves to be the case, the pattern of American fertility in future years will follow that of many Western European nations and Japan, namely, small fluctuations in fertility around the level needed for the natural replacement of the population (approximately 2.1 children per woman).

From marriage data it is known that in recent years there has been an increasing tendency for women to delay their first marriage and first birth to later years. Of those women who first married between 1965 and 1969, 69 percent married by age 21; this proportion declined to 60 percent for women who first married during the 1976-80 period. The median age at first marriage has risen for both sexes since 1965; in 1981 the median ages were 22.0 years for females and 23.9 years for males. In addition, 56 percent of all first births between 1965 and 1969 occurred to women less than 22 years old; this percentage dropped to 47 percent between 1976 and 1980 for women having their first birth.

The longer a woman postpones childbearing after her first marriage, the less likely she is to have any children at all. In 1982, 20.4 percent of ever married women between the ages of 15 and 44 were childless, compared to 18.8 percent in 1980. Furthermore, fewer married women are having children before reaching twenty. The percent of ever married women who remained childless from ages 15-19 has increased from 46.6% in 1980 to 52.8% in 1981 to 57.4% in 1982.

THE NEW JERSEY WOMEN

Fertility patterns of New Jersey women of childbearing age have shown several changes in trend. The decade of the forties was the end of a long period of declining fertility. In the fifties fertility rates increased steadily reaching their highest levels. In 1960 we had 9.8% fewer women aged 20-24, for instance, than in 1950. However, the State had approximately 12,328 more births in this age group, a 45% increase in births. In the 1970s the fertility rate decreased from a 1970 high of 81.2 per 1,000 women to a level of 55.2 per 1,000 in 1976. The 1987 level indicates a fertility rate of 62.5 per 1,000 women.

The fertility rates over the past 30 years have changed most dramatically for women 20-24 years of age. From the 1950 level of 151.1 births per 1,000, the rate rose to 240.6 by 1960. This represents an increase of nearly 90 per thousand. During the decade of the sixties the decline was equally dramatic dropping from 240.6 per thousand to 154.8 in 1970. This placed the rate back almost to the 1950 level. The 1970 to 1980 period showed a low of 67.0 per thousand for this age group of 20 to 24 year olds. The 1987 rate is 78.5 per thousand, the same as in 1986, which was a decrease from 87.0 per thousand in 1980.

A review of all age groups shows that the change since 1960 is a reversal to lower fertility rates. The fertility rates by individual age groups ranged in 1960 from a rate of 34.8 for women 35 years and older to 58.3 for those under twenty. In 1980, the range was from 12.5 (35 years +) to 35.2 for those under 20. The rates for all ages are now below the 1970 rates, but in New Jersey the fertility rates for 1987 were slightly increased over 1986 for women aged 15-19 and 25-44.

New Jersey's present uptrend in fertility rates did differ from the sideways movement in national rates. Now, however, U.S. fertility rates are up from 64.9 per 1,000 women in 1986 to 66.1 per 1,000 women in 1987. The corresponding fertility rates for New Jersey were 60.4 and 62.5 per 1,000 women, slightly lower than the national rates.

The age-specific fertility rates for younger women aged 20 to 24 in New Jersey have been generally declining over the period 1981 to 1987, while over that same time period the age-specific fertility rates for women aged 25 and over have been increasing. The crossover in these trends implies that childbearing is occurring later, possibly for socio-economic reasons.

With the use of age-specific fertility rates it is possible to calculate the "total fertility rate" (TFR) which summarizes the changes in fertility. The rate is computed by summing the age-specific rates for all childbearing ages and multiplying by the number of years in each age group used. In this case the age interval is five (5) representing five ages in each group. It can be interpreted as the number of children that would be born to a cohort of one-thousand women if, at all childbearing ages, they bore children at the age-specific rates observed in the reference year. Considering present death rates and a sex ratio at birth of 106

males per 100 females, it requires a little over 2,100 births per thousand females to replace themselves as child bearers in the next generation. Thus, when the TFR exceeds 2,100, the next generation will have a larger childbearing population than the present one; when the TFR declines below 2,100, the next childbearing generation will be smaller than the present generation.

In 1950 the TFR for New Jersey was close to the replacement value of 2,100. By 1960 it had risen to 3,446. However, by 1970 a drop of 30% brought the level down to 2,408. The decline of the TFR during the sixties was greater than the rise in the fifties. The single year decline between 1970/71 and 1971/72 showed the most rapid decline of any year for which we have detailed data. The TFR appears to have "bottomed out" in the late 1970s, just as the number of births did in the early 1970s. In 1981 the 1,591 value was 24.2% below replacement fertility level. By 1987 however, the rate was again on the rise, reaching 1,804. Since the number of marriages in New Jersey has decreased this year, perhaps the future TFR will also experience a decline.

TABLE 1
 UNITED STATES
 BIRTHS AND FERTILITY RATE*
 1960-1987

Year	Births		Fertility Rate
	Number	Rate	Per 1,000 Women
1960	4,257,850	23.7	118.0
1961	4,268,326	23.3	117.1
1962	4,167,362	22.4	112.0
1963	4,098,020	21.7	108.3
1964	4,027,490	21.1	104.7
1965	3,760,358	19.4	96.3
1966	3,606,274	18.4	90.8
1967	3,520,959	17.8	87.2
1968	3,501,564	17.6	85.2
1969	3,600,206	17.9	86.1
1970	3,731,386	18.4	87.9
1971	3,555,970	17.2	81.6
1972	3,258,411	15.6	73.1
1973	3,136,965	14.8	68.8
1974	3,159,958	14.8	67.8
1975	3,144,198	14.6	66.0
1976	3,167,788	14.6	65.0
1977	3,326,632	15.1	66.8
1978	3,333,279	15.0	65.5
1979	3,494,398	15.6	67.2
1980	3,612,258	15.9	68.4
1981	3,629,238	15.8	67.4
1982	3,680,537	15.9	67.3
1983	3,638,933	15.5	65.8
1984	3,669,141	15.5	65.4
1985	3,749,000	15.7	66.1
1986	3,731,000	15.5	64.9
1987	3,829,000	15.7	66.1

*Source: Monthly Vital Statistics Report
 National Center for Health Statistics

TABLE-2
NEW JERSEY
BIRTHS AND FERTILITY RATE
1960-1987

Year	Births		Fertility Rate
	Number	Rate	Per 1,000 Women
1960	132,594	21.8	106.2
1961	135,320	21.7	N/A
1962	131,603	20.7	N/A
1963	132,606	20.4	N/A
1964	131,593	19.9	N/A
1965	125,104	18.6	N/A
1966	120,116	17.6	82.3
1967	116,091	16.8	79.6
1968	114,101	16.3	76.8
1969	117,232	16.5	N/A
1970	120,168	16.7	81.2
1971	111,376	15.3	74.0
1972	99,050	13.5	65.1
1973	94,024	12.8	61.6
1974	94,242	12.7	61.6
1975	91,457	12.4	56.6
1976	90,549	12.3	55.2
1977	93,786	12.7	58.9
1978	93,356	12.8	58.6
1979	95,672	13.0	60.2
1980	96,438	13.1	57.4
1981	96,205	13.1	56.8
1982	98,225	13.3	57.5
1983	98,746	13.3	56.7
1984	100,950	13.4	57.4
1985	105,329	13.9	59.2
1986	108,444	14.2	60.4
1987	113,234	14.8	62.5

**TABLE-3
NEW JERSEY
NUMBER OF BIRTHS TO WOMEN 15-44 YEARS
1981-1987**

Age Group	1981	1982	1983	1984	1985	1986	1987
15-19	10,852	11,063	10,607	10,018	9,949	9,922	10,115
20-24	26,290	26,217	25,388	24,991	25,024	24,447	24,295
25-29	32,425	32,554	33,417	34,416	36,017	37,200	38,430
30-34	20,489	21,286	21,618	23,129	25,061	26,737	29,387
35-39	5,126	6,008	6,581	7,129	8,041	8,794	9,406
40-44	702	805	814	944	923	1,041	1,204
TOTAL	95,884	97,933	98,425	100,627	105,015	108,141	112,837

**TABLE-4
NEW JERSEY
FEMALE POPULATION 15-44
1981-1987**

Age Group	1981	1982	1983	1984	1985	1986	1987
15-19	332,026	332,786	299,403	293,952	290,686	284,934	279,005
20-24	315,361	316,083	314,560	313,090	312,901	311,321	309,541
25-29	297,540	298,221	313,221	315,888	317,025	320,144	323,052
30-34	295,723	296,400	304,188	308,691	313,535	318,112	322,477
35-39	251,496	252,072	275,914	281,813	289,256	294,975	300,497
40-44	208,185	208,662	229,954	239,872	250,735	260,574	270,231
TOTAL	1,700,331	1,704,224	1,737,240	1,753,306	1,774,138	1,790,060	1,804,803

**TABLE-5
NEW JERSEY
TOTAL FERTILITY RATE
AGE-SPECIFIC
1981-1987**

Age Group	1981	1982	1983	1984	1985	1986	1987
15-19	32.7	33.2	35.4	34.1	34.2	34.8	36.3
20-24	83.4	82.9	80.7	79.8	80.0	78.5	78.5
25-29	109.0	109.2	106.7	109.0	113.6	116.2	119.0
30-34	69.3	71.8	71.1	74.9	79.9	84.0	91.1
35-39	20.4	23.8	23.9	25.3	27.8	29.8	31.3
40-44	3.4	3.9	3.5	3.9	3.7	4.0	4.5
TOTAL FER. RATE	1,591	1,624	1,607	1,635	1,696	1,737	1,804

Abortions 1987

**TAB-H
ABORTIONS**

**CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH**

Abortions 1987

TABLE OF CONTENTS

INDEX	H-1
INTRODUCTION	H-3
STATISTICAL OVERVIEW	H-4
Age	
Race	
Type of Procedure	
Weeks of Gestation	
Type of Facility	
Number of Previous Abortions	
ABORTION REPORTING GUIDELINES	H-7
TABLES	
1. Characteristics of Women Receiving Abortions	H-8
2. Abortions by County of Residence, Race and Age	H-10
3. Percent Distributions by Age, Race, Marital Status, Gestation and Type of Facility	H-11
4. Abortions by Age, Race, Primary Procedure, and Length of Gestation	H-12
5. Percent Distributions by Race, Marital Status and Age	H-13
6. Abortions by Age, Race, Marital Status, and Prior Abortions	H-14
7. Abortions by Prior Number of Abortions and Prior Number of Live Births	H-15
8. Abortions by Prior Number of Live Births, Race and Marital Status	H-16

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Abortions 1987

INTRODUCTION

The Department of Health collects data on induced abortions performed in all licensed abortion facilities in the State. Abortions performed in hospitals and licensed outpatient abortion facilities must be reported to the Department within 10 days after the close of the month in which the procedure was performed. Forms are provided by the Department and are processed monthly. A yearly summary report is also compiled. The form is designed to provide data which can serve as a basic resource for health services decisions relating to abortions, such as planning abortion services and providing family planning services. Data collected include information on the woman's age, marital status, municipality of residence, race, prior number of pregnancies and prior live births. Clinical information is limited to gestation period at termination and method of termination. Patients' names are never reported to the Department; therefore confidentiality is maintained.

This report includes a narrative summary which presents related clinical information and demographic characteristics of the women receiving abortions in 1987. The statistics presented in this report represent induced abortions occurring only in licensed New Jersey health care facilities. Data can be obtained for residents obtaining abortions in other states from the National Center for Disease Control, Atlanta, Georgia.

OVERVIEW

Selected Characteristics

The number of reported induced abortions performed in New Jersey was 33,395 in 1987 compared to 33,376 in 1986, 31,266 in 1985, 31,236 in 1984 and 24,722 in 1983. The increase from 1986 to 1987 was less than 0.1 percent. However, the percentage change between 1985 and 1986 was 6.7 percent. The percentage increase from 1984 to 1985 was 0.1 percent compared to the 26.3 percent increase from 1983 to 1984. In 1987, women who obtained an induced abortion in New Jersey were predominantly state residents (96.9%). The majority of women were Caucasian (42.8%) and 38.2 percent were Black. The average age among women receiving induced abortions in 1984 was 24.4 years compared to 24.5 years in 1985 and 1986 and 24.3 years in 1987. Most of the women (76.9%) were unmarried, less than 25 years of age (58.1%) and childless (47.3%). The majority of abortions (82.4%) were performed during the first trimester by sharp or suction curettage (99.9% of first trimester cases and 98.3% of all cases). As in previous years, a licensed outpatient abortion clinic was the primary setting used in 1987 and accounted for nearly three-quarters (74.9%) of all abortions performed and 73.0 percent of the first trimester procedures.

Age

Over one-third of the 1987 abortions were performed on women between the ages of 20-24. Nearly one-fourth were performed on women aged 15-19, while slightly over one-fifth were performed on women ages 25-29. The under 15 and over 44 years categories accounted for slightly more than 1% of the 33,395 abortions in 1987. However, the ratio of induced abortions to live births (defined below) for these two age groups was notably higher than for the in-between ranges. Their rate of abortions to live births has fluctuated greatly from 1,155 per 1,000 births in 1983 to 1,634 in 1985, dropping to 1,230 in 1987. The 25-29 and 30-34 year old age groups experienced the lowest abortion to live births ratios, 196 and 142, respectively, down from 200 and 147 in 1986. The 1987 abortions to births ratio for New Jersey women was 299 per 1,000, a slight decrease from 315 in 1986; another way to express this ratio is one abortion per 3.0 live births.

The abortion ratio is defined as the number of women obtaining legal abortions divided by the number of women giving birth in the population in the same year with the same demographic characteristics (such as residence, age, race, marital status, or number of previous live births) times 1,000. The purpose of this ratio is to locate where in the life cycle with respect to either age or previous number of live births, for example, women are more likely to receive an induced abortion than at other points in the life cycle.

Race

The women having induced abortions in 1987 were self-reported as 42.8% white, 56.7% nonwhites and 0.5% unknown. In 1987 these percentages reflect a trend in recent years which resulted in a 1.1% percent decline for 1987 in the percentages of whites and a roughly equivalent increase in relative numbers of nonwhites who have obtained induced abortions. In 1979, the percentages of white women equaled 64.4%; a constant downward trend produced a level of 43.9% in 1986. Black women who had induced abortions increased from 26.2% in 1980 to 38.3% in 1987.

The ratio of induced abortions to live births decreased between 1982 and 1983 for both whites and nonwhites, increased between 1983 and 1984 and decreased between 1984 and 1985. In 1986, the ratio decreased for whites but increased for Blacks. However, in 1987, the ratio decreased for both groups. For white women, the ratio declined from 219 to 174 between 1982 and 1983, and then rose to 207 in 1984. Thereafter, the downward trend remained consistent falling from 189 to 165 between 1985 and 1987. The same ratio fluctuated for black females dropping from 518 to 445, then rising to 631 induced abortions per 1,000 live births over the years 1982 to 1986. However, in 1987 the ratio fell to 606.

Marital Status

Unmarried women had 76.9 percent of the total induced abortions in 1987. The two age categories which accounted for slightly over one-half were unmarried women aged 15-19 (22.5%) and unmarried women aged 20-24 (28.3%). Married women who received abortions exceeded those for unmarried women in all age groups after age 34. There were 28.0 percent more married women than unmarried women who were over 34 and had induced abortions.

Prior Number of Live Births

Abortion data reported for 1987 indicated that nearly half (47.3%) of women had never given birth at the time of pregnancy termination. About one-quarter (25.6%) of the women indicated having one previous live birth, and 17.9 percent had two previous live births. Fewer than one in ten (9%) were listed with three or more births.

The lowest induced abortions per 1,000 live births ratio (237) was computed for women who had one previous live birth. Women with three previous live births had the highest ratio of abortions to live births (395 per 1,000); women with two or four previous births had very similar ratios (365 and 377 respectively).

Place of Residence

The majority of women (96.9%) who elected to have an abortion in New Jersey were in-state residents. Essex was the most frequent place of residence (26.5%) with the lowest (0.1%) recorded in Salem County. More than one-half of the abortions in 1987 were obtained by women who indicated Essex (26.5%), Hudson (14.7%), Bergen (7.8%), or Passaic (6.9%) as counties of residence. Correspondingly, these areas rank as the four most heavily populated counties in New Jersey. In 1987 Ocean County experienced the greatest increase in the number of abortions performed, an increase of 104 cases. This was also the largest percentage increase in abortions, 16.4%. The greatest decrease in the number of abortions performed in 1987 was in Hudson County, a decline of 228 cases or 4.5%. The greatest percentage decrease occurred in Salem County, 25.0% or 9 cases.

For the 1987 reporting period, out-of-state women who had abortions originated from twenty three states, the District of Columbia and one foreign country. The border states of New York and Pennsylvania were most frequently represented. New York State residents accounted for 53.8 percent (546) of all nonresident abortions while Pennsylvania residents represented 40.2 percent (408) of the total.

Type of Procedure

The types of procedures most frequently reported were suction curettage (66.7%) and sharp curettage (31.6%). These two procedures accounted for nearly all (99.9%) reported first trimester abortions and 98.7 percent of the procedures performed between the 13th and 15th weeks of pregnancy. Saline instillations represented 1.3 percent of all reported induced abortion procedures. Abortion induced by saline instillation or administration of the drug Prostaglandin occur primarily after the 16th week of gestation. Saline instillations accounted for 55.0% of all abortions performed during the late second trimester, and Prostaglandin administrations accounted for 30.6%. The use of Prostaglandin increased in 1987 from 7.5% in 1986, a reversal of a downward trend since 1981 when 8% of late second trimester abortions were performed using Prostaglandin. The use of suction curettage during the period between the 16th and 20th weeks of gestation dropped sharply in 1987. Suction curettage was used in just 17.8 percent of the cases occurring between 16 and 20 weeks, compared to 41.4 percent in 1986, 26.1 percent in 1985, and 26.7 percent in 1984. The percentage of saline instillations declined during the same period. More sharp/suction curettages were performed than saline instillations for the 16th through 20th weeks of gestation since 1982. It should be noted that the period between 16 and 20 weeks of gestation includes two relatively distinct stages of pregnancy requiring different abortion procedures.

Weeks of Gestation

Of the 33,395 reported induced abortions in 1987, 82.4 percent were completed during the first trimester of pregnancy compared to the 1986 figure of 83.4 percent. The proportion of abortions performed during the 13th to 20th weeks increased slightly from 16.3 percent in 1986 to 17.5 percent in 1987. Forty-nine women (0.2%) underwent a late second trimester abortion (over 20 weeks) compared to 0.5 percent in 1986.

More than one-third (33.5%) of all first trimester abortions were performed on women in the 20 to 24 age group. Percentages for women aged 15-19 were 21.2% and 23.1% for women aged 25-29. Women who terminated pregnancy in the 13th to 20th week of gestation were most frequently aged 15-19 (35.6%), and one-third (34.5%) were in the 20-24 age range. Of the women estimated to be more than 20 weeks pregnant at the time of the reported abortion, 24.5 percent were in the age group 25-29, and 20.4 percent were 35-39 years old. The same figures for 1986 were 18.8 and 38.0 percent, respectively. There were five women between the ages of 40 and 44 in the over 20 weeks gestation classification, and 49.0 % of the women were between the ages of 30 and 44 years.

Type of Facility

The 1987 data on induced abortions were collected from hospitals and licensed outpatient abortion facilities. The percentage of abortions performed in hospitals increased steadily from 1979 to 1981 and decreased, though unevenly, since then. In 1980, 32.6 percent of abortions were performed in a hospital setting, 38.1 percent in 1981, 36.0 percent in 1982, 37.9 percent in 1983, 34.0 percent in 1984, 34.2 percent in 1985, 28.2 percent in 1986, and 25.1 percent in 1987. Outpatient facilities accounted for 74.9 percent of the 33,395 reported abortions in 1987. Most (88.8%) of the 13 to 15 week pregnancy terminations were completed in a licensed outpatient facility along with 80.3 percent of all reported first trimester abortions. All (with the exception of one) pregnancy terminations performed after 20 weeks and 20.8 percent of those completed during the 16th to 20th week were reported by hospitals. In 1983, 51.7 percent of those abortions performed during the 16th to 20th week were performed in hospitals. Of all single women who had an abortion in 1987, over three-quarters (76.8%) went to clinics. Married women were more likely to use an outpatient facility in 1987: 69.2% of married women had procedures in outpatient facilities compared to 67.3% in 1986 and 62.6% in 1985.

Number of Previous Abortions

Information submitted indicated that most women (52.2%) had never undergone a previously induced pregnancy termination. Slightly over one-fourth (28.7%) of the women had obtained one previous abortion, and 19.2% reported two or more past abortions. A comparison with two earlier years shows a similar likelihood to present for first abortion (53.6% had first abortions in 1986, while 55.2 percent had their first abortion in 1985), indicating that recidivism may be increasing.

ABORTION REPORTING GUIDELINES

The Department of Health in cooperation with the State Board of Medical Examiners, the New Jersey Obstetrical and Gynecological Society, and the Medical Society of New Jersey have adopted the following guidelines (applicable to abortion data) which were made necessary by the United States Supreme Court's decision regarding abortion:

1. Only persons licensed as physicians are permitted to perform abortions.
2. First trimester abortions (on or before the 12th week of pregnancy) may be performed only by qualified physicians in their private offices (if the patients medical condition permits) or in licensed health care facilities (i.e., hospitals or outpatient abortion clinics).
3. Beyond the first 12 weeks and within a period of gestation not exceeding 16 menstrual weeks and/or 14 gestation weeks (size as determined by a physician) termination of pregnancy using the dilation and evaluation procedure can be performed either in a licensed hospital or outpatient abortion clinic; if any other method of abortion is utilized to terminate a pregnancy during this time it must be performed in a licensed hospital on an inpatient basis.
4. Termination of a pregnancy after the 16th menstrual or 14th gestation week will only be performed in a licensed hospital on an inpatient basis.
5. Third trimester abortions are allowed only to preserve the life or health of the mother, or where it has been determined late in pregnancy that there is a nonviable or deformed fetus incapable of extrauterine survival.

TABLE-1

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1987

RESIDENCE	ABORTIONS	PERCENT	RATIO*
NEW JERSEY	32365	96.92	299
OUT-OF-STATE	1016	3.04	416
UNKNOWN	14	0.04	0
AGE			
< 15	339	1.02	1255
15-19	7809	23.38	7776
20-24	11246	33.68	4667
25-29	7375	22.08	196
30-34	4010	12.01	142
35-39	1985	5.94	221
40-44	547	1.64	481
> 44	41	0.12	1025
UNKNOWN	43	0.13	1720
RACE			
WHITE	14283	42.77	165
BLACK	12771	38.24	606
OTHER	6163	18.45	2430
UNKNOWN	178	0.53	539
MARITAL STATUS			
MARRIED	7475	22.38	89
UNMARRIED	25674	76.88	973
UNKNOWN	246	0.74	5125
NUMBER OF LIVE BIRTHS-----			
NONE	15808	47.34	319
ONE	8556	25.62	237
TWO	5992	17.94	365
THREE	2082	6.23	395
FOUR	619	1.85	377
> FOUR	332	0.99	277
UNKNOWN	6	0.02	26
TOTAL	33395	100.00	302
*PER 1,000 LIVE BIRTHS			

TABLE 1 (Cont'd)

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1987

	ABORTIONS	PERCENT
TYPE OF PROCEDURE		
SHARP CURETTAGE	10557	31.61
SUCTION CURETTAGE (DEC)	22280	66.72
HYSTERECTOMY	10	0.03
HYSTEROTOMY	4	0.01
SALINE INSTILLATION	445	1.33
PROSTAGLANDIN INSTILLATION	85	0.25
OTHER	11	0.03
UNKNOWN	13	0.01
WEEKS OF GESTATION		
< 9	17683	52.95
9-10	6958	20.84
11-12	2866	8.58
13-15	3063	9.17
16-20	2776	8.31
> 20	49	0.15
UNKNOWN	0	0.0
TYPE OF FACILITY		
HOSPITALS	8395	25.14
CLINICS	25000	74.86
NUMBER OF PREVIOUS ABORTIONS		
NONE	17424	52.18
ONE	9574	28.67
TWO	4086	12.24
THREE	1490	4.46
> THREE	810	2.43
UNKNOWN	11	0.03
TOTAL	33395	100.00

TABLE-2

ABORTIONS BY COUNTY OF RESIDENCE, RACE, AND AGE

1987

COUNTY OF RESIDENCE	RACE				AGE									
	INDIAL	WHITE	BLACK	OTHER UNKNOWN	< 15	15-19	20-24	25-29	30-34	35-39	40-44	> 44	UNKNOWN	
ATLANTIC	1125	722	292	103	8	291	376	252	118	59	20	0	1	
BERGEN	2604	1573	468	562	11	489	776	619	391	230	84	4	0	
BURLINGTON	307	192	92	20	3	63	105	69	37	25	2	1	1	
CAMDEN	637	219	321	94	3	182	221	118	65	32	10	0	0	
CAPE MAY	347	297	35	12	3	86	116	79	39	18	6	0	0	
CUMBERLAND	557	335	138	74	10	192	191	96	40	17	8	0	1	
ESSEX	8835	1309	6155	1340	31	2107	3188	1949	936	412	96	9	24	
GLOUCESTER	232	168	43	19	2	70	58	52	29	15	6	0	0	
HUDSON	4894	1893	1347	1628	26	35	990	1642	1151	681	308	4	0	
HUNTERDON	159	133	6	20	0	1	40	58	27	19	5	0	0	
MERCER	1033	369	559	95	10	11	250	358	243	102	50	14	3	
MIDDLESEX	1966	1206	384	359	17	15	450	622	454	266	117	36	2	
MONMOUTH	2112	1397	523	169	23	27	665	691	402	193	105	26	1	
MORRIS	885	664	90	128	3	4	160	242	199	141	111	23	4	
OCEAN	739	603	76	59	1	8	231	237	143	66	36	18	0	
PASSAIC	2299	667	874	749	9	27	460	844	497	297	142	29	3	
SALEM	27	22	3	2	0	1	8	8	7	2	1	0	0	
SOMERSET	898	464	327	103	4	7	199	290	199	127	52	20	2	
SUSSEX	271	227	10	33	1	1	88	74	43	23	29	11	1	
UNION	2240	897	884	440	19	25	486	725	548	271	139	36	5	
WARREN	198	160	11	27	0	1	52	59	43	20	18	5	0	
OUT-OF-STATE	1015	756	129	126	4	13	246	360	183	145	58	9	0	
FOREIGN	1	1	0	0	0	0	0	0	1	0	0	0	0	
UNKNOWN	14	9	4	1	0	0	4	5	1	2	2	0	0	
TOTAL	33395	14283	12771	6163	178	339	7809	11246	7375	4010	1985	547	41	43

TABLE-3

PERCENT DISTRIBUTIONS OF ABORTIONS BY
AGE, RACE, MARITAL STATUS, GESTATION AND TYPE OF FACILITY
1987

	INITIAL	PERCENT	HOSPITAL NUMBER	HOSPITAL PERCENT	CLINIC NUMBER	CLINIC PERCENT
AGE						
< 15	339	1.02	106	1.26	233	0.93
15-19	7809	23.38	1470	17.51	6339	25.36
20-24	11246	33.68	2625	31.27	8621	34.48
25-29	7375	22.08	2005	23.88	5370	21.48
30-34	4010	12.01	1235	14.71	2775	11.10
35-39	1985	5.94	1710	8.46	1275	5.10
40-44	547	1.64	218	2.60	329	1.32
> 44	41	0.12	19	0.23	22	0.09
UNKNOWN	43	0.13	7	0.08	36	0.14
RACE						
WHITE	14283	42.77	2654	31.61	11629	46.52
BLACK	12771	38.24	4530	53.96	8241	32.96
OTHER	6163	18.45	1133	13.50	5030	20.12
UNKNOWN	178	0.53	178	0.93	100	0.40
MARITAL STATUS						
MARRIED	7475	22.38	2303	27.43	5172	20.69
UNMARRIED	25674	76.88	5968	71.09	19706	78.82
UNKNOWN	246	0.74	124	1.48	122	0.49
GESTATION						
< 9	17683	52.95	4735	56.40	12948	51.79
9-10	6958	20.84	1810	21.56	5148	20.59
11-12	2866	8.58	880	10.48	1986	7.94
13-15	3063	9.17	344	4.10	2719	10.88
16-20	2776	8.31	578	6.89	2198	8.79
> 20	49	0.15	48	0.57	1	0.00
UNKNOWN	0	0.00	0	0.00	0	0.00
TOTAL	33395	100.00	8395	100.00	25000	100.00

TABLE-4

ABORTIONS BY AGE, RACE
PRIMARY PROCEDURE, AND LENGTH OF GESTATION
1987

AGE	TOTAL	WEEK OF GESTATION					UNKNOWN
		-5-9-	-9-10	11-12	13-15	16-20	
< 15	339	138	64	37	48	51	0
15-19	7809	3357	1630	841	963	1014	0
20-24	11246	5787	2476	961	1088	926	0
25-29	17375	4263	1519	581	562	438	0
30-34	4010	2507	766	271	253	204	0
35-39	1985	1252	377	132	111	103	0
40-44	1547	330	109	37	132	134	0
> 44	41	27	6	2	2	4	0
UNKNOWN	43	22	11	4	4	2	0
RACE							
WHITE	14283	7791	3023	1070	1193	1184	0
BLACK	12771	6225	2698	1339	1360	1133	0
OTHER	6163	3552	1198	442	505	455	0
UNKNOWN	178	115	39	15	5	4	0
PRIMARY PROCEDURE							
SUCTION CURETTAGE	10557	4604	1824	632	1657	1839	0
HYSTERECTOMY	22280	13060	5131	2225	1365	493	0
HYSTEROTOMY	10	2	0	1	0	7	0
SALINE INSTILLATI	4	2	0	1	0	1	0
PROSTAGLANDIN IN	445	6	1	7	37	367	0
OTHER	85	5	1	0	2	62	0
UNKNOWN	11	0	0	0	2	7	0
UNKNOWN	3	2	1	0	0	0	0
TOTAL	33395	17683	6958	2866	3063	2776	0

TABLE-5

PERCENT DISTRIBUTIONS OF ABORTIONS BY
RACE, MARITAL STATUS, AND AGE
1987

	IDIAL	< 15 NO.-%	15-19 NO.-%	20-24 NO.-%	25-29 NO.-%	30-34 NO.-%	35-39 NO.-%	40-44 NO.-%	> 44 NO.-%	UNKNOWN NO.-%
RACE										
WHITE	14283	83 0.25	3382 10.13	4459 13.35	3052 9.14	1885 5.64	1061 3.18	321 0.96	23 0.07	17 0.05
BLACK	12771	231 0.69	3248 9.73	4682 14.02	2802 8.39	1195 3.58	477 1.43	107 0.32	8 0.02	21 0.06
OTHER	6163	24 0.07	1146 3.43	2051 6.14	1466 4.39	910 2.72	441 1.32	112 0.34	10 0.03	3 0.01
UNKNOWN	178	1 0.00	33 0.10	54 0.16	55 0.16	20 0.06	6 0.02	7 0.02	0 0.00	2 0.01
MARITAL STATUS										
MARRIED	7475	0 0.00	255 0.76	1706 5.11	2293 6.87	1789 5.36	1063 3.18	338 1.01	27 0.08	4 0.01
UNMARRIED	25674	337 1.01	7523 22.53	9462 28.33	5024 15.04	2199 6.58	900 2.70	203 0.61	13 0.04	13 0.04
UNKNOWN	246	2 0.01	31 0.09	78 0.23	58 0.17	22 0.07	22 0.07	6 0.02	1 0.00	26 0.08
TOTAL	33395	339 1.02	7809 23.38	11246 33.68	7375 22.08	4010 12.01	1985 5.94	547 1.64	41 0.12	43 0.13

TABLE-6

ABORTIONS BY AGE, RACE,
MARITAL STATUS, AND PRIOR ABORTIONS
1987

AGE	TOTAL	PRIOR ABORTIONS			2-3	UNKNOWN
		0	1	2		
< 15	339	299	40	0	0	0
15-19	7809	5648	1708	366	19	0
20-24	11246	5480	3591	1470	219	3
25-29	17375	3094	2290	1192	288	2
30-34	4010	1651	1212	677	182	2
35-39	1985	916	571	297	180	3
40-44	1547	290	141	71	22	1
> 44	41	23	9	8	0	0
UNKNOWN	43	23	12	5	0	0
RACE						
WHITE	14283	8348	3764	1415	268	3
BLACK	12771	5705	4047	1924	370	5
OTHER	6163	3259	1727	729	169	3
UNKNOWN	178	112	36	18	3	0
MARITAL STATUS						
MARRIED	7475	3702	2158	1016	212	3
UNMARRIED	25674	13599	7348	3036	590	8
UNKNOWN	246	123	68	34	8	0
TOTAL	33395	17424	9574	4086	810	11

TABLE-7

ABORTIONS BY PRIOR NUMBER OF ABORTIONS
AND PRIOR NUMBER OF LIVE BIRTHS
1987

PRIOR ABORTIONS	TOTAL	NUMBER OF LIVE BIRTHS					UNKNOWN	
		0	1	2	3	4		
NONE	17424	10160	3648	2489	793	213	120	1
ONE	9574	3982	2915	1779	620	182	94	2
TWO	4086	1171	1306	1053	376	115	65	0
THREE	1490	338	447	425	177	65	38	0
> THREE	810	154	237	246	114	44	15	0
UNKNOWN	11	3	3	0	2	0	0	3
TOTAL	33395	15808	8556	5992	2082	619	332	6

TABLE-8

ABORTIONS BY PRIOR NUMBER OF LIVE BIRTHS,
RACE AND MARITAL STATUS
1987

PRIOR LIVE BIRTHS	WHITE			BLACK			OTHER			UNKNOWN							
	TOTAL	MAR	UNMAR	TOTAL	MAR	UNMAR	TOTAL	MAR	UNMAR	TOTAL	MAR	UNMAR					
NONE	15808	8988	834	8103	51	4312	220	4059	33	2418	388	2023	7	90	14	69	7
ONE	8556	2597	1071	1502	24	4330	520	3773	37	1590	567	1018	5	39	15	21	3
TWO	5992	1937	1274	647	16	2611	578	2013	20	1414	742	662	10	30	18	7	5
THREE	2082	569	342	222	5	1001	254	741	6	502	243	252	7	10	6	3	1
FOUR	619	144	90	52	2	315	93	221	1	158	77	80	1	2	0	1	1
> FOUR	332	47	28	19	0	199	59	138	2	80	38	41	1	6	3	2	1
UNKNOWN	6	1	0	1	0	3	0	3	0	1	1	0	0	1	0	1	0
TOTAL	33395	14283	3639	10546	98	12771	1724	10948	99	6163	2056	4076	31	178	56	104	18

Communicable Diseases 1987

**TAB-I
COMMUNICABLE DISEASES**

**CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH**

Communicable Diseases 1987

TABLE OF CONTENTS

INTRODUCTION	I-3
Overview	
COMMUNICABLE DISEASES	I-4
Statistical Overview	
Tuberculosis	
Venereal Disease	
Hepatitis	
Other Notifiable Diseases	
AIDS - Acquired Immune Deficiency Syndrome	
TABLES	
1. TB Cases and Deaths: 1963-1987	I-9
2. TB Morbidity and Mortality	I-10
3. Cases of Syphilis and Gonorrhea: 1968-1987	I-11
4. Cases of Syphilis and Gonorrhea by County	I-12
5. Syphilis and Gonorrhea by Stage, Age, and Sex	I-13
6. Notifiable Diseases by County	I-14
7. Hepatitis Cases by Age and Sex	I-15
8. AIDS Cases and Deaths by County: 1986-1987	I-16
9. AIDS Cases and Deaths by Sex and Race: 1986-1987	I-17

Communicable Diseases 1987

INTRODUCTION

Overview

The Communicable Diseases section reports on those diseases declared by law under the New Jersey State Sanitary Code to require notification of their occurrence to the Department of Health. As provided by Regulation 8:57-1.14 both AIDS and AIDS Related Complex (ARC) became legally reportable diseases on October 6, 1986. Statewide reporting of these diseases involves various programs throughout the Department of Health, each of which collect and compile the data. The Tuberculosis Program collects information on all tuberculosis cases occurring in New Jersey through their monitoring and surveillance activities. Incidence data on syphilis and gonorrhea are collected by the Sexually Transmitted Disease Program. AIDS and ARC cases are reported to the AIDS Surveillance Program within the Division of AIDS Prevention and Control. Data on other Communicable Diseases are reported to the Communicable Diseases Program within the Division of Epidemiology and Disease Control. Requests for details and specific information regarding each disease should be addressed to the appropriate program.

COMMUNICABLE DISEASES

Statistical Overview

The population used for computing rates in this report represents the estimated population residing in the state, its 21 counties and 562 municipalities as of July 1, 1987. These estimates are obtained from the Office of Demographic and Economic Analysis, Division of Planning and Research in the Department of Labor.

The age and sex-specific rates for syphilis, gonorrhœa and hepatitis presented in this report were computed thusly. The number of deaths in a disease category for a specific age and/or sex group was divided by the state's estimated population of persons in the same age and/or sex group. The results are presented as rates per 100,000 estimated population for each age and sex group.

Tuberculosis

In 1953 there were 4,189 diagnosed cases of tuberculosis or 79.9 cases per 100,000 population. By 1980 newly diagnosed cases had dropped to 980 or nearly 13.3 per 100,000 population. This long term, substantial decline in the number of new cases slowed in 1981 when 1,028 cases were recorded yielding a rate of 13.9 cases per 100,000 population. From 1982 to 1984 small increases in the number of cases were reported each year. In 1985 the number of cases dropped to 839 from 935 in 1984, a 10.3 percent decrease. The 1985 rate of 11.1 per 100,000 population was the lowest ever. However, in 1986 the number of cases rose to 984. The rate per 100,000 population was 12.4. This increase continued in 1987 when the number of cases reached 1,063 - the highest number since 1978 which reflected a 12.1 percent increase over the previous year. The annual number of deaths attributed to tuberculosis has followed a similar pattern dropping from 693 deaths in 1953 to 62 deaths in 1985. The mortality rate per 100,000 population dropped from the 1953 level of 13.2 to less than one death (0.8) per 100,000 in 1985. However, in 1986 the number of deaths increased to 78 with the rate reaching 1.0 per 100,000. There were 4 fewer deaths in 1987, nevertheless, the rate remained unchanged.

In 1983 there were 809 clinically active and verified cases of tuberculosis in the New Jersey population. This level dropped in 1984 to 790 and dropped again in 1985 to 545. In 1986 the number of cases climbed by almost a third (32.8%) to 724. In 1987 the increase amounted to 3.3% for a total of 748 cases. From an active rate of 10.9 per 100,000 population in 1983, the rate of active cases dropped to 10.5 statewide in 1984, then down to 7.2 in 1985 before rising to 9.2 in 1986 and to 9.7 in 1987. Among the larger cities in New Jersey, tuberculosis morbidity rates were highest for Atlantic City (56.4), Newark (39.3), Patterson (39.1), and Irvington (38.6).

While increases over the past few years have occurred in the number of clinically active cases across the state, at the county level there have been both increases and decreases. From 1986 to 1987 the situation changed significantly with decreases occurring in eleven counties and increases in ten counties. The only notable increase was recorded in Essex County (19.3 to 23.3). Significant decreases occurred in Cape May County (11.9 to 6.4) and Hudson County (20.1 to 16.8).

Venereal Disease

During the last twenty years the number of syphilis cases among residents of New Jersey has decreased. In 1968 there were 2,935 reported cases of syphilis compared with 2,209 cases in 1987. The rate of 28.8 cases per 100,000 population also falls below the 1968 rate of 41.9. The number of primary and secondary cases increased from 457 in 1968 to 753 in 1987, with a corresponding increase in the morbidity rate from 6.5 to 9.8 cases per 100,000. The number of cases diagnosed as early latent syphilis increased 99 percent during the same period; the rate rose from 4.1 to 7.5 per 100,000. The 1987 total of 2,209 cases of syphilis included 753 primary and secondary cases and 579 early latent cases. Thus, even though total syphilis cases have declined, there have been increases in specific types of syphilis.

In contrast to the decline in the number of syphilis cases, the prevalence of gonorrhea climbed from 8,098 cases in 1968 to a high of 22,998 cases in 1981. Since 1981 the number of cases has steadily decreased, along with the rates, to 17,150 in 1987. The current rate of 223.5 per 100,000 is nearly double the 1968 rate of 115.5.

Hepatitis

The number of reported cases of infectious hepatitis type A decreased sharply (-25.3%) in 1987. There were 286 cases with a rate of 3.7 per 100,000 persons in 1987, as compared to 383 cases and a rate of 5.0 in 1986. Serum hepatitis (B) cases declined by 10.3% in 1987 to 565, and the rate was 7.4. In 1986 the rate was 8.3 with 630 cases. Approximately 14 percent fewer cases of unspecified hepatitis were reported in 1987. The rate of infection dropped from 0.8 in 1986 to 0.7 per 100,000 persons in 1987. With the exception of unspecified hepatitis, the hepatitis incidence is higher for men than for women. In 1987 there were 4.7 cases of infectious hepatitis per 100,000 men versus 2.8 cases for every 100,000 women. The male rate for serum hepatitis was 9.8; for females the rate was 5.1. A total of 17 cases of hepatitis (unspecified) were reported among men (0.5 per 100,000), however, 33 cases were reported among women (0.8 per 100,000). Among both men and women there were 84 cases of infectious hepatitis in the age group 20-29 years and 50 cases in the age group 30-39 years. The highest incidence of serum hepatitis was reported among persons aged 30-39 (144 cases). The next highest incidence occurred among those aged 25-29 (122 cases). The corresponding incidence rates for the two age groups were 11.7 and 19.0, respectively. The year 1983 brought with it a change in the reporting of hepatitis. A new category, type non-A and non-B, was added. For type non-A, non-B hepatitis a small increase occurred in 1987. The incidence rate increased to 0.9 per 100,000 persons (67 cases) from 0.8 per 100,000 persons in 1986 (63 cases).

Other Notifiable Diseases

As required by law the occurrence of contagious diseases must be reported to the Department of Health. These diseases include mumps, measles (rubeola), German measles (rubella), typhoid fever, malaria, aseptic meningitis, and a host of other communicable diseases. In 1987 the magnitude of half these disease conditions showed declines, while increases or no change occurred in the remainder.

The number of cases of measles (rubeola) decreased from 881 in 1986 to 39 in 1987. The number of cases of measles, typically fluctuates widely from year to year. In 1976, for example, 690 cases were observed while in 1974 there were 5,693 cases. The number of cases of rubella was 1,483 in 1976. In 1987 only 1 case of rubella was reported. Salmonellosis cases (excluding typhoid fever) dropped slightly in 1987; there were 2,358 cases reported versus 2,567 cases in 1986. There were 375 cases of shigellosis (bacillary dysentery) in 1986 and 547 cases in 1987. Most shigellosis cases occurred in the counties of Passaic (108), Camden (86), and Ocean (56).

The number of cases of mumps increased to 76 in 1987 from 51 in 1986. The highest number of cases reported in 1987 occurred in Bergen and Monmouth counties, 14 and 10 cases, respectively. Other diseases reported were: amebiasis, 94 cases, of which 27 cases were reported in Cape May County; aseptic meningitis, 429 cases; legionellosis, 35 cases; malaria, 40 cases; meningococcal infections, 73 cases; pertussis, 25 cases; tetanus, 4 cases; typhoid fever, 23 cases; typhus fever, 1 case; toxic shock syndrome, 9 cases; and encephalitis (Other Primary Infections), 11 cases.

Acquired Immunodeficiency Syndrome (AIDS)

The era lauded for its control of major infectious diseases was interrupted decisively in 1981 by the identification of a new and deadly contagious illness, Acquired Immunodeficiency Syndrome (AIDS). In the late 1970's the first human retrovirus was isolated and labelled human T-lymphotropic virus type I (HTLV-I). By 1984 human retroviruses that are known to cause AIDS were isolated and labeled human immunodeficiency virus, HIV-I and HIV-II. As research continues, still more of these kinds of viruses are being identified. The AIDS viruses appear to be transmitted through one or more of four routes: sexual contact, intravenous drug use with contaminated needles, the administration of blood and blood products, and the passage of the virus from infected mothers to their newborns. In New Jersey a high proportion of AIDS cases are found among drug abusers who have shared needles presumably contaminated with infectious blood.

The first cases of AIDS were reported in Los Angeles in mid-1981 among five young homosexual men who were diagnosed originally with *Pneumocystis carinii* pneumonia, a disease commonly found in AIDS patients. Almost concurrently the first case of AIDS in New Jersey appeared in October, 1981. Subsequently, the number of cases in New Jersey and the United States has continued to increase rapidly producing considerable morbidity and mortality. Diagnoses of AIDS made retroactively continually increase its prevalence for the early years. Retroactive diagnosis produced a case of AIDS in New Jersey in July, 1980; that case was followed by two additional cases later in the year. At the present time AIDS is a uniformly fatal disease.

New Jersey's AIDS Surveillance and Data Analysis Programs within the newly formed AIDS Division compile data on AIDS cases in New Jersey. The program has adopted the surveillance case definition used by the Centers for Disease Control (CDC). If no positive laboratory tests for HIV are reported, then one of 12 reliably diagnosed diseases must be present in a person who has not had any of the diseases besides HIV that may cause immunodeficiency. If a positive laboratory test exists for HIV, then one or more of a variety of indicator diseases, diagnosed either reliably or presumptively, must be present in a person. These two programs also track AIDS-Related Complex (ARC) cases. In New Jersey, ARC is defined as part of the reporting regulation (see NJAC 8:57-1.14--Reporting regulations for AIDS and ARC in New Jersey, effective 10/6/86). Note, only AIDS cases and deaths are covered by this report. Perhaps, as tests for the presence of HIV become more widely applied, the ARC description will no longer be needed. Any further refinements of the case definition of AIDS may alter the reported incidence and prevalence rates in the population. The currently reported cases of AIDS are presumed to represent only a portion of existing levels of infection in the population.

Table A shows the most currently available data released by New Jersey's AIDS Data Analysis Unit on diagnosed cases and deaths of AIDS in New Jersey for 1986 and for 1987. These data reveal the increasing rates for both cases and deaths that are occurring in New Jersey. The number of diagnosed cases for 1987 is approximately 40 percent higher than for the previous year. The rate of death is high and persons with diagnosed cases do not survive for long. Already 61 percent of all cases diagnosed in New Jersey have ended in death.

TABLE A
AIDS CASES AND DEATHS IN NEW JERSEY, 1986-1987

	Diagnosed	Deaths
1986	1,193	704
1987	1,666	922

Data in Table B have been reported by the Center for Disease Control. This table shows the total number of active AIDS cases identified nationally and the eight highest ranking states. As of December 21, 1987, 20,940 active cases of AIDS had been reported to the CDC from 50 States and the District of Columbia. The largest number of cases were reported by California, approximately one-quarter of all AIDS cases reported nationally. New York State had the second highest number of AIDS cases, and Texas had the third highest. Florida had the fourth highest. New Jersey ranked fifth with 1,517 cases or 7.2% of the AIDS cases reported throughout the country.

TABLE B
ACTIVE AIDS CASES REPORTED TO CDC
BY STATE OF RESIDENCE - AS OF DECEMBER 21, 1987

State of Residence	Number of Cases	Percent
California	4,825	23.0
New York	3,963	18.9
Texas	1,680	8.0
Florida	1,587	7.6
New Jersey	1,517	7.2
Pennsylvania	652	3.1
Illinois	613	3.0
Georgia	500	2.4
Remainder of U.S.	5,603	26.8
Total	20,940	100.0

Table 8 presents diagnosed AIDS cases and deaths in New Jersey by county of residence for both 1986 and 1987. The geographical distribution of cases is important for organizing health and social services and for identifying critical areas of exposure and contact. For both 1986 and 1987 AIDS cases were most prevalent in four (4) northeastern counties of the state: Hudson County with rates of 46.1 and 52.4 per 100,000 population for 1986 and 1987, respectively; Essex County with rates of 44.0 and 64.0; Passaic County whose rates were 19.7 and 29.3; and Union County with rates of 17.2 and 31.2 per 100,000 population. These four counties with some of the most populous areas in the state are where 67% of all AIDS cases reside. Death rates for AIDS were correspondingly the highest among these counties.

The distribution of AIDS cases by sex and race shown in Table 9 did not change substantially in 1987 from the 1986 figures. There has been an increase in the proportion of women with AIDS, as well as an increase in those who are Black. Approximately 80% of the diagnosed cases of AIDS in New Jersey occur among men. The CDC reports that nationally over 92% of AIDS cases are in men. More than one-half of all AIDS cases in New Jersey occur among Blacks, while nationally 25% of all cases are Black. Nationally 60% of AIDS cases occur in Whites, while Whites in New Jersey constituted 34% of the AIDS population in 1987. In 1987 the highest percentage of AIDS cases appeared in Black males. Less than 12% of the diagnosed AIDS cases occurred among Hispanics in 1987.

Table 9 also shows AIDS deaths in New Jersey by both sex and race for 1986 and 1987. The distribution of AIDS deaths is similar to the distribution shown for diagnosed AIDS cases. From 1986 to 1987 the percentages of total AIDS deaths decreased among white men and increased among white women. Approximately 80% of all AIDS deaths occurred among men in 1987. More Blacks died than Whites during both years. In fact, the highest percentages of AIDS deaths for all race and sex groups occurred among Black males for 1986 and for 1987 (37% and 40% respectively). In 1986 48.6% of the deaths occurred in Blacks, 36.4% in Whites, 14.5% in Hispanics and less than 1% in other racial groups. In 1987, 54% of all AIDS deaths were among Blacks, 34.7% among Whites, 10.8% among Hispanics, and 0.4% occurred among other racial groups. The CDC reported the mean age of AIDS patients diagnosed before 1984 as 36.3 years. Thus there will be a sizable decrease in life expectancy, or sizable "years of potential life lost", for those groups most affected by AIDS.

The figures for AIDS cases and deaths shown in these tables underestimate case morbidity and mortality. Other persons may be infected with the HIV viruses or be experiencing the signs and symptoms of AIDS but not have been identified to the AIDS case surveillance unit. The long incubation period between infection with the retrovirus and diagnosis will lead to consistently underestimating the disease's prevalence on the population. A planned review of death certificates may reveal additional deaths due to AIDS that were not considered to be AIDS at the time of death.

TABLE-1

TUBERCULOSIS CASES AND DEATHS, NUMBERS AND RATES
PER 100,000 ESTIMATED POPULATION: 1963-1987

YEAR	ALL CASES		DEATHS	
	Number	Rate	Number	Rate
1963	2,867	44.1	364	5.6
1964	2,970	44.9	307	4.6
1965	2,705	40.3	293	4.4
1966	2,567	37.6	297	4.4
1967	2,493	35.0	261	3.8
1968	2,271	32.4	255	3.6
1969	2,015	28.4	214	3.0
1970	2,013	28.0	245	3.4
1971	2,118	29.2	217	3.0
1972	1,162	23.1	166	2.3
1973	1,531	20.8	184	2.5
1974	1,474	19.9	161	2.2
1975	1,362	18.5	122	1.7
1976	1,317	17.9	112	1.5
1977	1,351	18.4	104	1.4
1978	1,105	15.1	104	1.4
1979	1,008	13.7	74	1.0
1980	980	13.3	65	0.9
1981	1,028	13.9	55	0.7
1982	884	11.9	53	0.7
1983	891	11.9	56	0.7
1984	935	12.4	70	0.9
1985	839	11.1	62	0.8
1986	948	12.4	78	1.0
1987	1,063	13.9	74	1.0

TABLE-2

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1987

Place of Residence	VERIFIED CASES		ALL CASES		DEATHS	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	748	9.7	1,063	13.9	74	1.0
ATLANTIC COUNTY	28	13.4	33	15.8	4	1.9
Atlantic City	20	56.4	24	67.7	2	5.6
BERGEN COUNTY	38	4.6	55	6.6	1	0.1
BURLINGTON COUNTY	13	3.3	15	3.9	0	0.0
CAMDEN COUNTY	27	5.4	39	7.9	4	0.8
Camden City	10	12.2	15	18.4	3	3.7
Cherry Hill Twp.	4	5.4	4	5.4	0	0.0
Gloucester Twp.	1	1.9	1	1.9	0	0.0
CAPE MAY COUNTY	6	6.4	9	9.6	1	1.1
CUMBERLAND COUNTY	10	7.3	13	9.4	1	0.7
Vineland City	9	16.5	11	20.2	0	0.0
ESSEX COUNTY	197	23.3	245	29.0	30	3.6
Bloomfield	3	6.3	3	6.3	1	2.1
East Orange	21	27.2	29	37.6	2	2.6
Irvington	24	38.6	34	54.6	1	1.6
Newark	124	39.3	146	46.3	21	6.7
GLOUCESTER COUNTY	6	2.8	7	3.3	0	0.0
HUDSON COUNTY	92	16.8	149	27.2	12	2.2
Bayonne	6	9.7	8	12.9	1	1.6
Hoboken	7	16.8	7	16.8	1	2.4
Jersey City	64	29.5	107	49.3	8	3.7
North Bergen Twp.	3	6.4	4	8.6	1	2.1
Union City	5	9.1	10	18.2	1	1.8
HUNTERDON COUNTY	6	6.1	9	9.1	0	0.0
MERCER COUNTY	30	9.2	33	10.1	2	0.6
Hamilton Twp.	0	0.0	0	0.0	1	1.1
Trenton	24	26.5	27	29.8	1	1.1
MIDDLESEX COUNTY	55	8.5	114	17.7	4	0.6
Edison Twp.	7	8.3	13	15.4	1	1.2
New Brunswick	8	20.2	11	27.8	0	0.0
Old Bridge Twp.	0	0.0	0	0.0	0	0.0
Piscataway Twp.	5	11.3	8	18.2	1	2.3
Woodbridge Twp.	7	7.4	18	19.1	0	0.0
MONMOUTH COUNTY	43	7.8	66	11.9	3	0.5
Middletown Twp.	1	1.4	1	1.4	0	0.0
MORRIS COUNTY	18	4.3	27	6.4	0	0.0
Parsippany-Troy Hills	2	4.1	4	8.2	0	0.0
OCEAN COUNTY	11	2.7	14	3.5	3	0.7
Brick Twp.	1	1.6	1	1.6	0	0.0
Dover Twp.	2	2.8	3	4.1	0	0.0
PASSAIC COUNTY	71	15.3	112	24.2	4	0.9
Clifton	4	5.2	10	13.1	0	0.0
Passaic City	11	20.4	20	37.1	0	0.0
Paterson	54	39.1	75	54.3	3	2.2
Wayne Twp.	0	0.0	1	2.0	0	0.0
SALEM COUNTY	3	4.6	5	7.6	0	0.0
SOMERSET COUNTY	7	3.2	9	4.1	3	1.4
SUSSEX COUNTY	2	1.6	6	4.8	0	0.0
UNION COUNTY	58	11.5	71	14.1	2	0.4
Elizabeth	33	31.2	42	39.7	2	1.9
Plainfield	5	11.0	5	11.0	0	0.0
Union Twp.	3	5.9	3	5.9	0	0.0
WARREN COUNTY	2	2.3	2	2.3	0	0.0
STATE INSTITUTIONS	25		30		0	
MILITARY POSTS	0		0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-3

RESIDENT CASES OF SYPHILIS BY STAGE AND GONORRHEA
 NUMBER AND RATES PER 100,000 POPULATION
 NEW JERSEY: 1968-1987

Year	Population Estimates	Syphilis						Gonorrhea	
		Total Cases ²		Primary and Secondary		Early Latent		Number	Rate
		Number	Rate	Number	Rate	Number	Rate		
1968	7,012,750	2,935	41.9	457	6.5	291	4.1	8,098	115.5
1969	7,103,310	4,111	57.9	622	8.8	444	6.2	8,410	118.4
1970	7,192,805	5,078	70.6	891	12.4	568	7.9	9,751	135.6
1971	7,261,440	6,029	83.0	945	13.0	605	8.3	11,480	158.1
1972 ¹	7,322,685	2,636	36.0	942	12.9	608	8.3	16,658	227.5
1973	7,368,675	2,895	39.3	1,009	13.7	678	9.2	16,206	219.9
1974	7,397,190	2,634	35.6	836	11.3	622	8.4	15,294	206.8
1975	7,349,597	2,410	32.8	758	10.3	661	9.0	17,261	234.9
1976	7,358,096	2,180	29.6	556	7.6	587	8.0	17,708	240.7
1977	7,358,564	1,899	25.8	374	5.1	430	5.8	18,837	256.0
1978	7,315,533	1,804	24.7	357	4.9	395	5.4	20,221	276.4
1979	7,331,938	1,934	26.4	481	6.6	467	6.4	19,548	266.6
1980	7,365,011	2,314	31.4	449	6.1	392	5.3	21,018	285.4
1981	7,407,643	2,096	28.3	606	8.2	500	6.7	22,998	310.5
1982	7,426,952	1,930	26.0	663	8.9	520	7.0	22,665	305.2
1983	7,468,000	2,088	28.0	823	11.0	578	7.7	22,075	295.6
1984	7,518,000	2,006	26.7	678	9.0	572	7.6	20,351	270.7
1985	7,568,000	2,284	30.2	760	10.0	548	7.2	19,751	261.0
1986	7,625,000	1,993	26.1	672	8.8	551	7.2	19,612	257.2
1987	7,672,000	2,209	28.8	753	9.8	579	7.5	17,150	223.5

- 1) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.
- 2) Total Cases includes Late and Late Latent, and Congenital Syphilis.

TABLE-4

RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA, NUMBERS
AND RATES PER 100,000 ESTIMATED POPULATION, COUNTIES AND SELECTED PLACES
NEW JERSEY: 1987

PLACE OF RESIDENCE	SYPHILIS									
	TOTAL CASES*		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		GONORRHEA	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	2,209	28.8	753	9.8	579	7.5	865	11.3	17,150	223.5
ATLANTIC COUNTY	151	72.4	39	18.7	33	15.8	77	36.9	584	280.0
Atlantic City	119	335.9	31	87.5	29	81.8	57	160.9	372	1,049.9
BERGEN COUNTY	96	11.6	24	2.9	24	2.9	48	5.8	407	49.0
BURLINGTON COUNTY	37	9.5	8	2.1	9	2.3	18	4.6	278	71.6
CAMDEN COUNTY	143	28.8	30	6.0	37	7.5	75	15.1	1,062	214.0
Camden City	114	139.6	24	29.4	33	40.4	56	68.6	893	1,093.4
Cherry Hill Twp.	0	0.0	0	0.0	0	0.0	0	0.0	15	20.4
Gloucester Twp.	1	1.9	1	1.9	0	0.0	0	0.0	12	23.2
CAPE MAY COUNTY	12	12.7	2	2.1	1	1.1	9	9.6	69	73.3
CUMBERLAND COUNTY	88	64.0	25	18.2	37	26.9	26	18.9	556	404.2
Vineland City	34	62.4	11	20.2	19	34.9	4	7.3	194	356.0
ESSEX COUNTY	467	55.3	195	23.1	180	21.3	92	10.9	5,111	605.2
Bloomfield	4	8.3	0	0.0	1	2.1	3	6.3	16	33.3
East Orange	69	89.4	30	38.9	27	35.0	12	15.6	851	1,103.2
Irvington	31	49.8	11	17.7	7	11.2	13	20.9	421	676.3
Newark	316	100.3	140	44.4	121	38.4	55	17.4	3,460	1,097.7
GLOUCESTER COUNTY	17	8.0	5	2.3	1	0.5	11	5.2	205	96.2
HUDSON COUNTY	321	58.7	144	26.3	56	10.2	120	21.9	1,493	272.8
Bayonne	7	11.3	1	1.6	1	1.6	5	8.1	38	61.4
Hoboken	7	16.8	2	4.8	4	9.6	2	4.8	24	57.6
Jersey City	228	104.9	123	56.6	42	19.3	62	28.5	1,339	616.3
North Bergen Twp.	13	27.8	1	2.1	1	2.1	11	23.6	11	23.6
Union City	21	38.2	5	9.1	0	0.0	16	29.1	45	81.9
HUNTERDON COUNTY	2	2.0	1	1.0	0	0.0	1	1.0	20	20.2
MERCER COUNTY	113	34.5	56	17.1	28	8.6	28	8.6	2,912	890.2
Hamilton Twp.	2	2.3	0	0.0	1	1.1	1	1.1	59	67.7
Trenton	108	119.1	56	61.8	27	29.8	24	26.5	2,757	3,041.5
MIDDLESEX COUNTY	76	11.8	18	2.8	14	2.2	44	6.8	701	108.6
Edison Twp.	12	14.3	2	2.4	3	3.6	7	8.3	56	66.5
New Brunswick	20	50.5	5	12.6	4	10.1	11	27.8	428	1,081.7
Old Bridge Twp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Piscataway Twp.	6	13.6	1	2.3	2	4.5	3	6.8	44	99.9
Woodbridge Twp.	8	8.5	3	3.2	0	0.0	5	5.3	14	14.9
MONMOUTH COUNTY	110	19.9	43	7.8	30	5.4	37	6.7	449	81.1
Middletown Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	11.5
MORRIS COUNTY	30	7.2	6	1.4	2	0.5	22	5.2	129	30.8
Parsippany-Troy Hills	4	8.2	1	2.1	0	0.0	3	6.2	8	16.4
OCEAN COUNTY	9	2.2	0	0.0	2	0.5	7	1.7	118	29.3
Brick Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	12.9
Dover Twp.	1	1.4	0	0.0	0	0.0	1	1.4	24	33.1
PASSAIC COUNTY	292	63.0	81	17.5	75	16.2	134	28.9	1,574	339.4
Clifton	3	3.9	0	0.0	1	1.3	2	2.6	21	27.5
Passaic City	77	143.0	16	29.7	22	40.8	38	70.6	161	298.9
Paterson	205	148.3	63	45.6	50	36.2	91	65.8	1,357	981.9
Wayne Twp.	2	3.9	0	0.0	2	3.9	0	0.0	20	39.1
SALEM COUNTY	19	29.1	7	10.7	6	9.2	5	7.6	218	333.5
SOMERSET COUNTY	9	4.1	2	0.9	3	1.4	4	1.8	155	69.9
SUSSEX COUNTY	2	1.6	1	0.8	0	0.0	1	0.8	12	9.7
UNION COUNTY	177	35.2	60	11.9	35	7.0	80	15.9	909	180.9
Elizabeth	87	82.2	19	17.9	18	17.0	50	47.2	176	166.2
Plainfield	41	89.9	17	37.3	8	17.5	14	30.7	483	1,058.7
Union Twp.	4	7.9	1	2.0	0	0.0	3	5.9	29	56.9
WARREN COUNTY	6	6.9	1	1.1	2	2.3	3	3.4	17	19.5
STATE INSTITUTIONS	19		0		0		19		13	
MILITARY POSTS	13		5		4		4		158	

* Total cases includes 10 Congenital Syphilis Cases.

Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-5

**SYPHILIS BY STAGE, AND GONORRHEA (EXCLUDING MILITARY) BY AGE AND SEX
AGE- AND SEX-SPECIFIC RATES FOR 100,000 POPULATION
NEW JERSEY: 1987**

Sex and Age	SYPHILIS CASES													
	PRIMARY AND SECONDARY				LATE AND LATE LATENT				CONGENITAL				GONORRHEA	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	2,196	28.6	748	9.7	575	7.5	861	11.2	12	0.2	16,992	221.5		
Under 5	12	2.3	2	0.4	0	0.0	0	0.0	10	1.9	24	4.7		
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	4.8		
10-14	8	1.6	5	1.0	3	0.6	0	0.0	0	0.0	195	38.0		
15-19	202	35.8	82	14.5	84	14.9	35	6.2	1	0.2	4,244	752.1		
20-24	529	86.4	219	35.8	174	28.4	136	22.2	0	0.0	4,934	805.6		
25-29	514	80.0	189	29.4	154	24.0	171	26.6	0	0.0	3,202	498.6		
30-34	308	48.2	93	14.6	78	12.2	137	21.5	0	0.0	1,682	263.4		
35-39	207	35.1	76	12.9	36	6.1	95	16.1	0	0.0	734	124.3		
40-44	110	21.1	40	7.7	17	3.3	53	10.1	0	0.0	353	67.6		
45-59	159	13.1	35	2.9	26	2.1	97	8.0	1	0.1	344	28.3		
60 and over	124	9.0	1	0.1	2	0.1	121	8.8	0	0.0	57	4.1		
Unstated	23		6		1		16		0		1,200			
Male	1,251	34.0	430	11.7	296	8.0	515	14.0	10	0.3	11,279	306.5		
Female	945	23.7	318	8.0	279	7.0	346	8.7	2	0.1	5,713	143.2		

Military cases are not included because of the lack of sex and age information.

TABLE-6

NEW JERSEY
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE
1987

COUNTIES	HEPATITIS										MENINGOCOCCAL INFECTIONS													
	Amebiasis	Asptic Meningitis	Type A	Type B	Type Unspecified	Type Non-A	Type Non-B	Legionellosis	Malaria	Measles (Rubeola)	Total	Military	Civilian	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Other Primary Infections)
TOTAL	97	429	286	565	50	67	35	40	39	73	0	73	76	25	1	2,358	547	4	11	23	1	9	11	
Atlantic	7	4	31	35	1	1		40	39	1	1	3	3			97	7	4	11	23	1	9	11	
Bergen	4	63	7	28	7	5	1	3	8	6	6	14	14			199	46			3		2	3	2
Burlington		12	25	25		4	1	2	1	3	3	1	1	2		62	6			3		3	1	
Camden	2	18	24	59	2	1		1	1	3	3	6	3	3		202	86							
Cape May	27	2	22	18	1	1		1	1	2	2	2	2			24								
Cumberland	13	8	3	37	1	6		1	7	12	12	4	1	2		122	2			2				1
Essex	4	28	13	76	9	6	5	6	7	2	2	1	4	11		294	45	1		2				2
Gloucester		9	6	10		1	1	9		2	2	1	1	1		43	7			7				
Hudson	7	6	17	23	2	2	2	6	10	6	6	4	4	1		194	34			7				2
Hunterdon		4	4	1		2	1	6		3	3	3	4	1		50	1			7	1			1
Mercer	1	26	4	32	2	6	5	2		4	4	2	2			120	12			8				
Middlesex	7	42	40	43	4	5	5	5	3	5	5	6	6	2		199	38			2				2
Monmouth	4	51	14	41	2	4	2	2	4	9	9	10	10		1	144	34	1		2		1	1	1
Morris	6	44	6	15	2	1	1	2		5	5	7	7	1		77	11			3		1	1	1
Ocean	2	26	33	24	10	3	3	2		4	4	4	5			86	56			2				1
Passaic	4	40	20	31	1	10	3	2	3	1	1	1	9	1		161	108	2						1
Salem		4	1	4	1											28	1							
Somerset	3	16	4	15			1	2								42	4		3					
Sussex	1	12	4	4	1	2										24	4							1
Union	1	11	7	40	4	10	3	6	2	6	6	1	1	1		126	20			4				
Warren		3		4	4	4				1	1					20	2							
Unknown	4															44	23							2

NOTE: There were no cases of Brucellosis, Diphtheria, Mumps, Tularemia or Encephalitis (Post Chicken Pox and other).

TABLE-7

NEW JERSEY
RESIDENT HEPATITIS CASES BY AGE, BY SEX,
NUMBERS, AND RATES PER 100,000 ESTIMATED POPULATION
1987

AGE GROUP ALL AGES	INFECTIOUS (TYPE A)						SERUM (TYPE B)						UNSPECIFIED						TYPE NON-A, NON-B					
	TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
286	3.7	173	4.7	113	2.8	565	7.4	361	9.8	204	5.1	50	0.7	17	0.5	33	0.8	67	0.9	43	1.2	24	0.6	
Under 5	3	0.6	2	0.8	1	0.4	5	1.0	3	1.1	2	0.8						1	0.2	1	0.4			
5-9	16	3.3	7	2.8	9	3.8	2	0.4		2	0.9													
10-14	14	2.7	9	3.4	5	2.0	2	0.4	1	0.4	1	0.4												
15-19	32	5.7	12	4.2	20	7.2	39	6.9	17	6.0	22	7.9	6	1.1	2	0.7	4	1.4						
20-24	43	7.0	31	10.2	12	3.9	117	19.1	68	22.4	49	15.8	4	0.7	2	0.7	2	0.6	4	0.7	3	1.0	1	0.3
25-29	41	6.4	28	8.7	13	4.0	122	19.0	77	23.8	45	13.9	9	1.4	5	1.5	4	1.2	17	2.6	11	3.4	6	1.9
30-39	50	4.1	30	4.9	20	3.2	144	11.7	98	16.2	46	7.4	8	0.7	3	0.5	5	0.8	13	1.1	9	1.5	4	0.6
40-49	38	4.0	26	5.6	12	2.4	61	6.3	47	10.1	14	2.8	6	0.6	2	0.4	4	0.8	14	1.5	9	1.9	5	1.0
50-59	24	3.1	15	4.0	9	2.2	28	3.6	21	5.7	7	1.7	2	0.3			2	0.5	6	0.8	3	0.8	3	0.7
60+	24	1.7	12	2.1	12	1.5	37	2.7	24	4.3	13	1.6	14	1.0	3	0.5	11	1.4	10	0.7	5	0.9	5	0.6
Unstated	1		1			8		5		3		1				1		2		1		2		

TABLE-8

NEW JERSEY
AIDS CASES AND DEATHS BY COUNTY OF RESIDENCE
1986-1987 NUMBERS AND RATES PER 100,000 POPULATION

COUNTY	DIAGNOSED CASES				DEATHS			
	1986	Rate	1987	Rate	1986	Rate	1987	Rate
Atlantic County	15	7.3	22	10.5	11	5.3	15	7.2
Bergen County	65	7.8	85	10.2	41	4.9	43	5.2
Burlington County	8	2.1	20	5.2	10	2.6	12	3.1
Camden County	32	6.5	30	6.0	17	3.4	26	5.2
Cape May County	3	3.3	2	2.1	1	1.1	1	1.1
Cumberland County	4	2.9	4	2.9	4	2.9	3	2.2
Essex County	372	44.0	544	64.4	214	25.3	289	34.2
Gloucester County	11	5.2	15	7.0	8	3.8	9	4.2
Hudson County	255	46.1	287	52.4	117	21.1	154	28.1
Hunterdon County	6	6.2	6	6.1	4	4.1	4	4.0
Mercept County	14	4.3	34	10.4	9	2.8	18	5.5
Middlesex County	57	9.0	83	12.9	47	7.4	56	8.7
Monmouth County	36	6.6	61	11.0	21	3.9	31	5.6
Morris County	25	6.0	42	10.0	16	3.8	20	4.8
Ocean County	20	5.1	25	6.2	12	3.1	23	5.7
Passaic County	91	19.7	136	29.3	64	13.8	74	16.0
Salem County	2	3.1	4	6.1	1	1.5	1	1.5
Somerset County	19	8.8	23	10.4	4	1.9	18	8.1
Sussex County	4	3.3	3	2.4	1	0.8	3	2.4
Union County	87	17.2	157	31.2	52	10.3	71	14.1
Warren County	3	3.5	2	2.3	2	2.3	1	1.1
Unknown	64		81		48		50	
Total	1,193	15.6	1,666	21.7	704	9.2	922	12.0

TABLE-9

DIAGNOSED AIDS CASES AND DEATHS IN NEW JERSEY BY SEX AND RACE

	DIAGNOSED CASES						DEATHS					
	1986			1987			1986			1987		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	% of Total	
WHITE	364	56	420	472	88	560	227	29	256	44	320	
BLACK	421	172	593	651	253	904	258	84	342	128	498	
HISPANIC	150	24	174	163	34	197	87	15	102	16	100	
OTHER	4	2	6	4	1	5	1	3	4	1	4	
TOTAL	939	254	1,193	1,290	376	1,666	573	131	704	189	922	
	78.7	21.3	100.0	77.4	22.6	100.0	81.4	18.6	100.0	20.5	100.0	

Accident Reports 1987

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**TAB-J
ACCIDENTS**

Accident Reports 1987

TABLE OF CONTENTS

INTRODUCTION	J-3
STATISTICAL OVERVIEW	J-4
Total Accidental Deaths	
New Jersey vs. National Accident Rate	
Motor Vehicle Accidental Deaths	
Accidental Deaths in the Home	
Public Nonmotor Vehicle Deaths	
At Work Accidental Deaths	
Overall Deaths--Any Location	
Age Death Ratio Analyses	
TABLES	
1. Deaths by Type Classification in Any Location or Specific Setting 1986-1987	J-7
2. Accidental Deaths by Type 1986-1987	J-7
3. Accidental Deaths by Type 1974-1987	J-8
4. Motor Vehicle Deaths 1986-1987	J-10
5. Deaths In the Home 1986-1987	J-10
6. Public Nonmotor Vehicle Deaths	J-11
7. Deaths At Work 1986-1987	J-11
8. Deaths by Occurrence, Percent by Age Group, 1986	J-12
9. Deaths by Occurrence, Percent by Age Group, 1987	J-13

CENTER FOR HEALTH STATISTICS
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NEW JERSEY DEPARTMENT OF HEALTH

Accident Reports

1987

INTRODUCTION

Accidental death data for New Jersey have been collected and tabulated since 1968 through the use of the New Jersey Mortality reporting system. Accidental deaths are tabulated monthly and submitted to the National Safety Council as part of their overall reporting system. Data received from all the states are combined to prepare the National Safety Council's report, Accident Facts. Before the publication of this New Jersey accident report, no published summary of accidents for New Jersey had been released to the public. A number of special tables, however, were prepared and included in the prior releases of the New Jersey Public Health Reports.

The Accidental Death report includes all deaths regardless of the victim's state of residency. Accidental deaths relating only to New Jersey as the residence of the accident victim have been included in the Mortality report. This report of accumulated deaths provides an in-depth review of accidents by five major types of accidents reported by the National Safety Council. It also includes another grouping of accidents by their commonly referred to names and/or class, i.e., Motor Vehicles, Falls, Fires, Drowning, etc. Historical statistics have been compiled covering the period from 1974 to 1987 by subdivisions of cause and age groups. All tables are presented in aggregated form with individual identifiers removed.

STATISTICAL OVERVIEW

Total Accidental Deaths

The term "accidents" covers most deaths from violent occurrences. Deaths from homicides and suicides, however, are excluded as are deaths for which none of these categories apply and deaths in war operations.

Total accidental deaths in New Jersey regardless of the residence of the victim, increased in 1987 from the 1986 level of 2,353 to 2,518. This represents an increase of 7.0% over the year. Much of this increase can be accounted for by 179 additional accidental deaths in the home. Total accidental deaths at the national level decreased in 1987 from the 1986 level of 95,564 to 94,840. This decrease nationally represents a 0.8 percent decrease in total accidental deaths. Motor vehicle deaths in the nation increased from 48,560 to 48,950.

New Jersey vs. National Accident Rate

In 1987, the New Jersey accidental death rate per 100,000 state residents was 32.8 up 6.1% from 30.9 in 1986. This rate is 15.9% lower than the national rate of 39.0 per 100,000 population for the same time period. An accident death rate for all accidents occurring in the State cannot be computed because there is no known way to include the out-of-state population base.

Motor Vehicle Accidental Deaths

Motor vehicle deaths included those deaths involving mechanically or electrically powered highway transport vehicles in motion (except those on rails) both on and off the highway or street. Fatalities occurring in the State as the result of motor vehicle accidents fell slightly in 1987 by 0.3% from the 1986 level of 1,121 to 1,118. For the nation there was an increase of 0.8%. Of the 1,118 New Jersey deaths in 1987, 404 (36.1%) were the result of a collision with other motor vehicles; 220 (19.7%) were classified as pedestrian deaths; 192 (24.7%) deaths resulted from a collision with a fixed object; 78 (7.0%) were caused by noncollision; 27 (2.4%) were listed as "injury to pedal cyclist" deaths; 1 (.1%) death was the result of a collision with a railroad train; and 191 (17.1%) were classified as Other and Unspecified deaths. Of all the specified classifications of motor vehicle deaths, collision with a fixed object increased substantially in 1987 versus 1986 with an increase of over 24% (or 39 deaths). While the drivers of motor vehicles represent the majority of the deaths that resulted in this classification, the records show that one out of every five motor vehicle accident deaths was a pedestrian.

Accidental Deaths in the Home

This category of accidents resulting in deaths includes deaths in the home and on the premises to occupants, guests, and trespassers. Also included in this category are domestic servants, but other persons working on home premises are excluded. The year 1987 recorded 652 accidental deaths in the home. This is an increase of 37.8% from the 1986 level of 473. The ranking of New Jersey accidental deaths in the home for 1987 is as follows: The large majority, 82.1% of poisonings in the home, occurred from falls, poisonings, and fires. Poisonings increased more from 1986 than any other category, 74 percent.

1987 ACCIDENTAL DEATHS IN THE HOME

Type	Number	Percent
Poisonings (gas excepted)	211	32.4
Falls	181	27.8
Fires	143	21.9
Drownings	27	4.1
Suffocation (ingested food or object)	19	2.9
Poisonings (by gases and vapors)	16	2.5
Suffocation (mechanical)	9	1.4
Firearms	3	0.5
Other and Unspecified	43	6.6
Total	652	100.0

Public Nonmotor Vehicle Deaths

Public accidents include deaths in public places or places used in a public way that do not involve motor vehicles. Most sports and recreational deaths are included in this category. Deaths in the course of employment are excluded. In 1987, there were 287 Public Nonmotor Vehicle deaths, a decrease of 7.7% from the 1986 total. In New Jersey, drownings top the list with 59 (20.6%); in second place were falls with 57 (19.9%); air transport deaths followed with 15 (5.2%); and in fourth place were railroad deaths with 15 (5.2%). Falls and drownings are the areas of greatest concern in this classification of accidental deaths for they account for over one-third (40.5%) of the total.

At Work

Work related deaths are those which arise in the course of gainful employment regardless of where the accident occurs. Excluded from this category are work deaths to domestic servants and deaths occurring in connection with farm chores that are classified as home deaths. Seventy-three (73) accidental deaths occurred in New Jersey's work settings in 1987 compared to 69 reported in 1986; this was an increase of 5.8%. Major death rankings in the workplace in 1987 are: (1) Construction, 14 deaths (19.2%); (2) Manufacturing, 3 deaths (4.1%); (3) Agriculture, 3 deaths (4.1%). A multiple unspecified category included 49 deaths (67.1%).

Overall Deaths - In Any Location or Setting

Another perspective can be obtained on accidental deaths by combining types of deaths by cause regardless of location of the accident.

The classification of accidental deaths reported in Table 9 produced the following ranking from most to least frequent for 1987: (1) Motor Vehicles, (2) Falls, (3) Poisonings, (4) Fires, (5) Drownings, (6) Job Related, (7) Suffocations, (8) Air Transport, (9) Railroad-Not with Motor Vehicle, (10) Water Transport, and (11) Firearms. A breakdown of the causes of death by age groups is presented in this same table.

Age of Death Analyses

An analysis of accidental causes of death by age for 1987 shows that 60% of the motor vehicle accident deaths occur to persons between the ages of 15 and 44. On the other hand, 69% of the falls happen to those persons 65 years of age and over. In 1987 52% of the drownings occurred to individuals between the ages of 15 and 44. Nearly one-fifth (17.9%) of the deaths by suffocation were children four years of age or less (down from 26.1% in 1986); Deaths by railroad -- not with motor vehicles -- indicate that 93.3% were in the 15-44 age group. The number of deaths caused by fires were fairly evenly distributed among all age groups. However, in relation to population percentages children under 5 and adults aged 75 years and older suffered a disproportionately higher share of deaths.

The three age groups that had a higher total accidental death percentage in 1987 than in 1986 are: (a) 0-4 year olds, 3.1% vs. 2.9%; (b) 25-44 year olds, 34.4% vs. 33.2% (especially because of poisonings); and (c) 75 years and older, 16.6% vs. 15%.

TABLE-1

**ACCIDENTAL DEATHS BY TYPE CLASSIFICATION
IN ANY LOCATION OR SPECIFIC SETTING
1986-1987**

Classification of Accident	1986		1987		Percent Change
	Number	Percent	Number	Percent	1987 vs. 1986
Motor Vehicle	1,121	47.6	1,118	44.4	-0.3
Falls	192	8.2	238	9.5	24.0
Poisonings	134	5.7	227	9.0	69.4
Fires	130	5.5	148	5.9	13.8
Drownings	100	4.2	86	3.4	-14.0
Job Related	69	2.9	73	2.9	5.8
Suffocation	23	1.0	28	1.1	21.7
Air Transport	20	0.8	15	0.6	-25.0
Railroad - Not with Motor Vehicle	18	0.8	15	0.6	-16.7
Water Transport	7	0.3	10	0.4	42.9
Firearms	3	0.1	3	0.1	0.0
Other and Unspecified	157	6.7	169	6.7	7.6
Unknown and Late Effects	379	16.1	388	15.4	2.4
Total	2,353	100.0	2,518	100.0	7.0

TABLE-2

**ACCIDENTAL DEATHS
1986-1987**

Type of Accident	1986		1987		Percent Change
	Number	Percent	Number	Percent	1987 vs. 1986
Motor Vehicle	1,121	47.6	1,118	44.4	-0.3
In the Home	473	20.1	652	25.9	37.8
Public Nonmotor Vehicle	311	13.2	287	11.4	-7.7
At Work	69	2.9	73	2.9	5.8
Unknown and Late Effects	379	16.1	388	15.4	2.4
Total	2,353	100.0	2,518	100.0	7.0

TABLE-3

ACCIDENTAL DEATH SUMMARY, NEW JERSEY: 1974-1987

TYPE OF ACCIDENT		1974	1975	1976	1977
GRAND TOTAL		2,710	2,565	2,451	2,527
1	WORK PLACE TOTAL	108	65	79	67
2	Agriculture	3	1	1	3
3	Mining, Quarrying, Oil and Gas Wells	0	0	0	0
4	Construction	20	17	17	11
5	Manufacturing	40	19	16	21
6	Transportation and Public Utilities	13	8	9	8
7	Trade	2	2	8	3
8	Service	3	2	5	2
9	Government	5	5	3	1
10	Other and Unspecified Industry	22	11	20	18
11	HOME TOTAL	726	651	568	633
12	Poisonings (gas excepted)	94	70	66	67
13	Poisonings by Gases and Vapors	28	19	17	14
14	Falls	337	304	261	309
15	Fires	163	170	145	163
16	Drowning	36	13	12	15
17	Suffocation, Ingested Food or Object	16	24	29	17
18	Suffocation, Mechanical	9	11	2	12
19	Firearms	13	13	9	7
20	Other and Unspecified Home Accidents	30	27	27	29
21	MOTOR-VEHICLE TOTAL	1,109	1,108	1,050	1,112
22	Injury to Pedestrian	316	281	284	276
23	Injury to Pedal Cyclist	22	26	23	21
24	Injury to Rider of Animal or Occupant of Animal-Drawn Vehicle	2	0	0	0
25	Collison with Railroad Train	8	7	1	7
26	Collison with Other Motor Vehicle	366	394	367	425
27	Collison with Fixed Object	83	115	37	37
28	Noncollison	299	267	322	330
29	Other and Unspecified Accidents	13	18	16	16
30	PERSON INJURED*				
31	Driver of motor vehicle other than motorcycle	491	502	412	462
32	Passenger in M.V. other than motorcycle	218	253	275	255
33	Motorcyclist	44	30	43	77
34	Passenger on motorcycle	6	7	5	6
35	PUBLIC NONMOTOR-VEHICLE TOTAL	437	417	407	356
36	Railroad-Not with Motor Vehicle	19	13	18	22
37	Other Road Vehicle-Not with Motor Vehicle	5	4	3	6
38	Water Transport	29	29	27	26
39	Air Transport	16	18	21	10
40	Falls	143	159	131	115
41	Fires	6	5	4	12
42	Drowning	114	113	92	82
43	Firearms	7	3	9	4
44	Other and Unspecified Public Accidents	98	73	102	79
45	Accident Type Unknown and Late Effects	330	324	347	359

*PERSON INJURED-have been included in MOTOR-VEHICLE TOTAL.

TABLE-3(CONTINUED)

1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	
2,455	2,827	2,689	2,741	2,533	2,310	2,265	2,294	2,353	2,518	
78	94	53	84	50	74	66	71	69	73	1
1	7	1	2	1	4	1	1	3	3	2
0	0	0	0	0	2	0	2	0	0	3
21	17	23	18	14	15	9	21	18	14	4
22	15	7	17	8	4	5	5	5	3	5
3	12	3	9	2	2	6	6	2	1	6
5	1	1		1		1	3	1	0	7
1	1	1	11	12	2	11	2	1	2	8
3	12	5	3	7	4	3	3	3	1	9
22	29	12	24	5	41	30	28	36	49	10
501	592	559	590	577	508	532	538	473	652	11
49	42	42	76	60	51	76	120	121	211	12
14	22	7	20	24	10	13	17	13	16	13
231	248	238	239	240	226	210	171	135	181	14
125	179	172	168	156	117	127	149	117	143	15
17	20	19	19	14	24	25	26	33	27	16
14	22	29	13	17	20	16	16	14	19	17
14	14	11	9	8	12	18	5	9	9	18
8	5	7	9	14	9	15	3	2	3	19
29	40	34	37	44	39	32	31	29	43	20
1,156	1,319	1,280	1,313	1,177	1,037	984	1,017	1,121	1,118	21
280	344	322	306	313	262	255	265	272	220	22
31	29	22	29	15	21	35	14	36	27	23
0	0	0	0	0	0	0	0	0	0	24
5	4	5	11	3	2	1	3	3	1	25
467	475	457	513	445	352	340	365	383	404	26
24	46	53	46	41	23	22	89	158	197	27
334	375	372	374	326	344	273	220	115	78	28
15	46	49	34	34	33	58	61	154	191	29
0	0	0	0	0	0	0	0	0	0	30
497	531	528	559	475	569	412	402	349	351	31
256	267	263	264	244	207	171	180	171	195	32
67	81	79	90	83	62	56	55	64	46	33
12	11	12	13	9	8	3	8	4	6	34
350	431	363	321	326	326	297	269	311	287	35
21	21	17	14	24	25	14	21	18	15	36
3	7	2	1	1	2	6	2	3	2	37
22	40	32	18	22	8	19	10	7	10	38
14	25	30	17	15	28	33	25	20	15	39
112	103	91	65	77	84	66	51	57	57	40
6	8	6	43	8	12	11	3	13	5	41
101	121	112	96	85	97	64	76	67	59	42
3	4	7	4	5	5	3	2	1	0	43
68	102	66	63	89	65	81	79	125	124	44
370	391	434	433	403	365	386	399	379	388	45

TABLE-4

MOTOR VEHICLE DEATHS
1986-1987

Type of Accident	1986		1987		Percent Change 1987 vs. 1986
	Number	Percent	Number	Percent	
Collision with other Motor Vehicle	383	34.2	404	36.1	5.5
Injury to Pedestrian	272	24.3	220	19.7	-19.1
Collision with Fixed Object	158	14.1	197	17.6	24.7
Noncollision	115	10.3	78	7.0	-32.2
Injury to Pedal Cyclist	36	3.2	27	2.4	-25.0
Collision with Railroad Train	3	0.3	1	0.1	-66.7
Other and Unspecified	154	13.7	191	17.1	24.0
Total	1,121	100.0	1,118	100.0	-0.3

TABLE-5

DEATHS IN THE HOME
1986-1987

Type of Accident	1986		1987		Percent Change 1987 vs. 1986
	Number	Percent	Number	Percent	
Poisonings (Gas excepted)	121	25.6	211	32.4	74.4
Falls	135	28.5	181	27.8	34.1
Fires	117	24.7	143	21.9	22.2
Drowning	33	7.0	27	4.1	-18.2
Suffocation, ingested food or object	14	3.0	19	2.9	35.7
Poisoning by gas and vapors	13	2.7	16	2.5	23.1
Suffocation, mechanical	9	1.9	9	1.4	0.0
Firearms	2	0.4	3	0.5	50.0
Other and Unspecified	29	6.1	43	6.6	48.3
Total	473	100.0	652	100.0	37.8

TABLE-6

PUBLIC NONMOTOR VEHICLE DEATHS
1986-1987

Type of Accident	1986		1987		Percent Change
	Number	Percent	Number	Percent	1987 vs. 1986
Drowning	67	21.5	59	20.6	-11.9
Falls	57	18.3	57	19.9	0.0
Air Transport	20	6.4	15	5.2	-25.0
Railroad - not with Motor Vehicle	18	5.8	15	5.2	-16.7
Water Transport	7	2.3	10	3.5	42.9
Fires	13	4.2	5	1.7	-61.5
Other Road Vehicle - not with Motor Vehicle	3	1.0	2	0.7	-33.3
Firearms	1	0.3	0	0.0	-100.0
Other and Unspecified	125	40.2	124	43.2	-0.8
Total	311	100.0	287	100.0	-7.7

TABLE-7

DEATHS AT WORK
1986-1987

Type of Accident	1986		1987		Percent Change
	Number	Percent	Number	Percent	1987 vs. 1986
Construction	18	26.1	14	19.2	-22.2
Manufacturing	5	7.2	3	4.1	-40.0
Agriculture	3	4.3	3	4.1	0.0
Service	1	1.4	2	2.7	100.0
Government	3	4.3	1	1.4	-66.7
Transportation and Public Utilities	2	2.9	1	1.4	-50.0
Trade	1	1.4	0	0.0	-100.0
Mining, Quarrying, Oil and Gas Wells	0	0.0	0	0.0	0.0
Other and Unspecified	36	52.2	49	67.1	36.1
Total	69	100.0	73	100.0	5.8

**ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1986**

Classification of Accidents	AGE GROUP										Unknown					
	0-4	5-14	15-24	25-44	45-64	65-74	75+	Total	0-4	5-14		15-24	25-44	45-64	65-74	75+
Total	69	105	448	781	383	209	354	2,353	2.9	4.5	19.0	33.2	16.3	8.9	15.0	0.2
Motor Vehicle	20	67	308	364	177	87	98	1,121	1.8	6.0	27.5	32.5	15.8	7.8	8.7	
Falls	3	1	10	23	36	28	91	192	1.6	0.5	5.2	12.0	18.8	14.6	47.4	
Poisonings	1		18	87	17	5	6	134	0.7		13.4	64.9	12.7	3.7	4.5	
Fires	17	15	15	27	22	14	20	130	13.1	11.5	11.5	20.8	16.9	10.8	15.4	
Drownings	12	12	24	28	18	1	5	100	12.0	12.0	24.0	28.0	18.0	1.0	5.0	
Job Related			12	33	18	5	1	69			17.4	47.8	26.1	7.2	1.4	
Suffocation	6	1	1	7	4	4	4	23	26.1	4.3	4.3	30.4	17.4		17.4	
Air Transport			1	10	8	1		20			5.0	50.0	40.0	5.0		
Railroad-Not with Motor Vehicle			6	6	5			18			33.3	33.3	27.8			5.6
Water Transport	7		2	2	3			7			28.6	28.6	42.9			
Firearms	3	1	1	1				3			33.3	33.3				
Other and Unspecified	29	1	1	2	15	1	5	29	10.3	3.4	3.4	6.9	51.7	3.4	17.2	3.4
Home Accidents								128			18	50	17	18	23	
Other and Unspecified								100.0			1.6	39.1	13.3	14.1	18.0	
Public Accidents								379			31	141	43	49	101	2
Accidents Type Unknown and Late Effects								100.0	1.8	1.3	8.2	37.2	11.3	12.9	26.6	0.5

Note: The above totals prepared for the National Safety Council Report.

TABLE-9

**ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1987**

Classification of Accidents	Total	AGE GROUP										Unknown
		0-4	5-14	15-24	25-44	45-64	65-74	75+				
Total	2,518	77	96	446	865	403	211	417	3			
	100.0	3.1	3.8	17.7	34.4	16.0	8.4	16.6	0.1			
Motor Vehicle	1,118	18	50	316	360	193	85	95	1			
	100.0	1.6	4.5	28.3	32.2	17.3	7.6	8.5	0.1			
Falls	238	4		7	28	34	47	118				
	100.0	1.7		2.9	11.8	14.3	19.7	49.6				
Poisonings	227	4	2	22	174	21	1	3				
	100.0	1.8	0.9	9.7	76.7	9.3	0.4	1.3				
Fires	148	24	13	11	19	27	23	31				
	100.0	16.2	8.8	7.4	12.8	18.2	15.5	20.9				
Drownings	86	8	13	17	28	10	6	4				
	100.0	9.3	15.1	19.8	32.6	11.6	7.0	4.7				
Job Related	73			12	35	24	2					
	100.0			16.4	47.9	32.9	2.7					
Suffocation	28	5	4	1	3	7	4	4				
	100.0	17.9	14.3	3.6	10.7	25.0	14.3	14.3				
Air Transport	15		2	2	4	6	1					
	100.0		13.3	13.3	26.7	40.0	6.7					
Railroad - Not with Motor Vehicle	15			5	9	1						
	100.0			33.3	60.0	6.7						
Water Transport	10			3	4	2						
	100.0			30.0	40.0	20.0						
Firearms	3			1	2							
	100.0			33.3	66.7							
Other and Unspecified Home Accidents	43	2	1	1	11	10	6	12				
	100.0	4.7	2.3	2.3	25.6	23.3	14.0	27.9				
Other and Unspecified Public Accidents	126	4	6	14	43	29	11	18				
	100.0	3.2	4.8	11.1	34.1	23.0	8.7	14.3				
Accidents Type Unknown and Late Effects	388	8	5	34	145	40	24	131				
	100.0	2.1	1.3	8.8	37.4	10.3	6.2	33.8				

Note: The above totals prepared for the National Safety Council Report.

Population 1987

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TAB-K
POPULATION

Population 1987

TABLE OF CONTENTS

NATIONAL TRENDS	K-3
Past Patterns of Change	
The Census of 1980	
NEW JERSEY POPULATION TRENDS	K-5
Overview	
Growth Trends	
Source of Change	
Net Natural Increase	
Migration Rate	
Intrastate Differences	
Racial Composition	
Age Distribution	
Marriage and Divorce	
1986 POPULATION	K-9
Overview	
New Jersey's Comparative Growth	
Components of Change	
TABLES	
1. Population by Age and Sex, U.S., New Jersey, New York, and Pennsylvania	K-10
2. Population by County, Sex, Race and Age	K-11
3. Population by County and Age Group	K-12
4. Population Estimates for Counties (1980, 1986-1987)	K-13
5. Components of Change in Resident Population by County - 1980-1987	K-14
6. Population Estimates for Counties and Selected Places	K-15
7. Resident Population 65 and Older	K-16

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Population

1987

NATIONAL TRENDS IN POPULATION GROWTH

Past Patterns of Change

The pattern of population change by age is essentially a reflection of the fluctuation in the number of births over time, modified by changes in levels of immigration and mortality. Large fluctuations in fertility occurred during periods such as the Great Depression in the 1930s and the baby boom beginning in 1946. After sustaining a level of almost 3 million in the early to middle 1920s, the number of births dropped to 2.3 million by 1933-34 and did not return to their old levels until World War II.

In 1946-47, the year following the demobilization of the Armed Forces, the number of births reached a new plateau of 3.9 million, an increase of roughly a million over the previous year. Although the birth rate began to drop in the 1950s, the number of births exceeded 4 million for 11 successive years from 1953 to 1964. Births peaked at 4.35 million in 1960-61, but in no year between 1946 and 1971 did the number of births fall below 3.5 million. With the fertility decline of the 1970s, the level of births dropped to 3.1 million in 1973-74, and only in the 1980s has the number risen above 3.5 million again.

The population in the younger age groups (5 to 13 years) and in school enrollment has reflected the long term decline in births since the middle 1960s. Elementary school enrollment plummeted during the 1970s as the population in this age range declined by 17 percent or 6 million from almost 37 million in 1970. This population has continued to decline moderately in the 1980s. With the rise in births since the middle 1970s, the population under 5 is growing again, so that stabilization and some small growth of the elementary school-age population can be expected soon. Constriction of the population aged 14 to 17 continues as the last of the baby boom generation passes through high school. That age group has declined by almost 8 percent since 1980, the largest decline of any age group. The college-age and young-adult population (18 to 24 years old), which grew enormously during the 1960s and 1970s as the baby boom cohort entered these decades, has been declining since 1981.

The fastest growing age group in the United States in the 1970s, aged 25 to 34, increased by 4.9 million or 13.3 percent from 1980 to 1985. This age group will continue to grow during the 1980s but at a greatly reduced rate. By 1984, the oldest cohort of the baby boom had entered the 35-44 year old age group, which has had the largest increase of any group since 1980 (6.0 million or 23.9 percent). This is the most rapidly growing age group whose growth will continue in the future as the baby boom generation approaches middle age.

The population aged 45 to 54 is beginning to decline as the small Depression cohort ages. The age group from 55 to 64, which is now growing slowly, will begin to decline in size when the smaller cohorts of the late 1920s and the Depression enter this age group. By contrast, the elderly population in the United States (65 years and over) continues to grow rapidly increasing as a group by 3.0 million or 11.7 percent since 1980. The continued aging trend in the population is reflected in the change in the median age. Between 1980 and 1983, the median age rose 0.9 years from 30.0 years to 30.9 years.

Although the general pattern of population change by age is approximately the same for Whites and Blacks, the Black population is growing more rapidly, which is apparent from the distinct racial differences in some age groups. The Black population under 5 years of age has shown significantly greater growth than the White population under 5. Similarly, each Black age group, with the exception of the 35 to 44 years and 65 years and over groups, exhibits either a larger increase or a smaller decrease than the comparable White age group. The overall effect is that the Black population grew by 5.3 percent compared with 2.5 percent for Whites between 1980 and 1983.

The Census of 1980

The 1980 census showed that dramatic changes took place in the social fabric of virtually every state during the 1970s. Shifts in family, household, and marriage patterns over the decade have altered the makeup of American society at the National, State, and local levels.

According to the 1980 census counts, the median age of the population increased to 30 years from the 28 year level reported in the 1970 Census. The increase has been attributed to declining fertility, aging of the "baby boom" cohorts, and increasing longevity of the population. Less than one-quarter of the population in 1980 was under 15 years of age and 11.3 percent were 65 years old and over.

The data for virtually all states point to faster growth of nonfamily households (one person or unrelated people in the same household) than for families, increases in smaller household size, and more families maintained by women with no husband present. These trends reflect a greater tendency of people to live alone, delay marriage, separate and divorce. While families still make up 73 percent of all households, this figure has decreased from almost 90 percent shown in the 1970 Census. The data also reveal variations in the composition of families among different race and Spanish origin groups.

NEW JERSEY POPULATION TRENDS

Overview

With the results of the 1980 Census of Population and Housing, New Jersey tabulated seven million plus inhabitants making it the ninth most populous state in the nation. With the highest density in the nation at 983.0 persons per square mile as of April 1, 1980, it had fifteen times the density of the United States and almost three times that of the Middle Atlantic region. Already, the most densely populated state in the nation, New Jersey has passed the 1,000 - person per square mile level (with a population density of 1,027.4 persons per square mile as of July 1, 1987). Rhode Island was a distant second at 934.6 persons per square mile as of July 1, 1987. State population density figures, while correctly stating the population to land ratio do not, however, reflect the whole picture. Density is not uniform within the State. It varies considerably from county to county and from municipality to municipality.

The southern counties of New Jersey (Salem and Cumberland), as well as those in the northwest (Hunterdon, Sussex, and Warren), have population densities under three hundred per square mile. These densities contrast markedly to the counties of Hudson and Essex which have upward of twelve and seven thousand persons per square mile respectively. It is in the State's northern area where the four largest cities are located and where the concentration of population is the greatest.

NEW JERSEY POPULATION 1970-1987

April 1, 1970	(Census)	7,171,112
July 1, 1971	(Revised)	7,273,000
July 1, 1972	(Revised)	7,322,000
July 1, 1973	(Revised)	7,316,000
July 1, 1974	(Revised)	7,312,000
July 1, 1975	(Revised)	7,313,000
July 1, 1976	(Revised)	7,312,000
July 1, 1977	(Revised)	7,306,000
July 1, 1978	(Revised)	7,316,000
July 1, 1979	(Provisional)	7,332,000
April 1, 1980	(Census)	7,365,011
July 1, 1981	(Revised)	7,408,000
July 1, 1982	(Revised)	7,430,000
July 1, 1983	(Revised)	7,468,000
July 1, 1984	(Revised)	7,511,000
July 1, 1985	(Revised)	7,561,000
July 1, 1986	(Revised)	7,625,000
July 1, 1987	(Provisional)	7,672,000

Source: Division of Labor Market and Demographic Research, New Jersey Department of Labor.

Growth Trends

During the decades of the 1950s and 1960s the State's population expanded rapidly, growing at an average annual rate of 2.3% from 1950 to 1960 and 1.7% from 1960 to 1970 compared to the national rates of 1.8% and 1.3%. The State's population "boom" came at the time when the Middle Atlantic states were experiencing far slower growth rates. The trend reversed, however, and has gripped the State since 1973. Population decreased during the 1973-1977 period. The average annual increase was only 0.2% for the decade compared with 0.9% for the United States. The net change for New Jersey between the Census period 1970-1980 indicated a 2.5% overall increase while the nation as a whole increased by 11.4%.

Source of Change

The population growth consists of two major components. The first is classified as Natural Increase and comprises births minus deaths. The second is termed Net Migration which is an inward movement of new residents minus outward movement. It is interesting to see how New Jersey's growth patterns relate to Natural Increase almost paralleling that of the United States, while net migration occurred from the north and central regions of the country to the warmer southern and southwestern regions.

A review of the State's birth rate shows that historically New Jersey had a lower birth rate than the United States. Birth rates have declined substantially in the past thirty years both nationally and in New Jersey. New Jersey's death rate was also slightly higher than the national average during the 1950s and early 1960s, but since the mid sixties the crude death rates have been similar. In 1987, New Jersey's death rate was higher than the national rate. The leading cause of death in both New Jersey and the nation as a whole continues to be heart disease, which in 1987 claimed 351.0 persons per 100,000 residents. Cancer, the second leading cause of death, accounted for 223.2 deaths per 100,000 New Jersey residents.

Net Natural Increase

With Net Natural Increase as the major component of population growth it is logical that births and deaths should have a strong influence on future growth and growth patterns within New Jersey. Nationally, as well as in the State, the net natural rate of increase has been falling since birth rates have declined faster than death rates. Moreover, New Jersey's net natural rate of increase has been below the national average for the past three decades because of a lower birth rate and a similar or higher death rate. From 1970 through 1984, for instance, New Jersey's annual net natural increase averaged about 0.47% compared to .98% for the United States. Nationally, however, the birth history showed a decrease from 1980 to 1984; the national rate moved from 15.9 to 15.8. The death rate in the U.S. was 8.8 deaths per 1,000 population in 1980 and 8.7 deaths per 1,000 population in 1986 and 1987. In New Jersey the birth rate rose from 13.1 per 1,000 population in 1980 to 14.8 per 1,000 population in 1987 while the death rate was the same in both years, 9.3 per 1,000 population.

Migration Rate

The other factor influencing population growth, Net Migration, showed a movement from New York and Pennsylvania to New Jersey's growing suburbs during the 1950s and 1960s. New Jersey's average annual net migration rate of 1.13% for 1950-1960 was nearly seven times the nation's 0.17% average annual rate. The State's 1960-1970 annual rate of .78%, likewise, was considerably higher than the national annual average, which remained at 0.17%. This influx of population explains most of New Jersey's rapid growth from 1950 to 1970.

New Jersey's in-migration slowed in the seventies, especially during the recession periods of 1970 and 1974/75. In fact, more people left the State than entered with an average net migration rate of about 0.2% annually compared to a national gain of 0.2%. This reversal in the State's net migration trend explains to a degree the slowing and the decline that has taken place within the State in the late seventies. A slowed rate of out-migration was confirmed by the 1980 Census. New Jersey's net in-migration rate was 0.3%. While this 0.3% is lower than the national rate of 1.0% for the same time period, it is a marked reversal from the net out-migration New Jersey was experiencing in the 1970s.

Intrastate Differences

The total New Jersey population increased by only 4.2% between 1980 and 1987. In 1987, births outnumbered deaths by 41,506. Internal shifts were similar as in past years and not unlike demographic trends found nationwide. Older cities continued to lose not only their manufacturing base but their residents who moved to the suburbs. Suburbia remained relatively stable in density of settlement, but continued to move outward with a greater radius from center cities as new "exurbs" grew. In relatively rural counties of southern New Jersey, especially near the shore, large retirement communities were established.

Among the State's six largest cities (Newark, Jersey City, Paterson, Elizabeth, Trenton and Camden) only Paterson experienced an increase (0.2%) between 1980 and 1987. The decrease among the other five ranged from -0.3% for Elizabeth to -4.3% for Newark. Between 1970 and 1980 the counties with the greatest population decrease of 7 to 990 were three urban counties, Essex, Hudson and Union. With its new gambling casinos Atlantic City is showing some reversal of its former economic decline. Although employment has increased, total resident population has decreased by 11.9% since 1980.

The most notable population changes in this State in the decade between 1970 and 1980 were the growth of four relatively rural counties. Hunterdon's population increased by 25%; Cape May's by 38%; Sussex by 50%; and Ocean County by 66%. Three of these four counties (Hunterdon, Cape May and Sussex) were among the five counties with the least population in the State in both 1970 and 1980. In two of these counties, Cape May and Ocean, growth can be attributed to a large increase in retirement communities. In Hunterdon, the age structure of the population in 1980 was very similar to the State as a whole. In Sussex, the age structure shows a larger number of younger families. The age structure in each of the counties and in the State is presented in Table 3.

Since 1980, Ocean County is estimated to have grown by the largest amount: approximately 57,000 persons, an average of 2.4% per year. Cape May had the second highest rate between 1980 and 1987 which is reflected in a 2.1% average annual increase. This rate is greater than half of its annual growth

rate for the period 1970-80. By contrast, four of the largest counties in the State, Bergen, Essex, Hudson, and Union are the only ones that have declined in numbers.

Racial Composition

As in the past, the racial composition of the New Jersey population resembles closely that of the United States. The 1960 Census data reported 91.3% of New Jersey's population was white compared to 88.6% for the United States. By 1980 the white population represented 83.2%. New Jersey's black population increased from 8.5% to 16.8% of the population over the past twenty-years from 1960 to 1980. In the nation the increase for the same period was from 10.5% to 11.7%.

Age Distribution

The State's population is slightly "older" than the nation as a whole. The age distribution of the State's population has changed markedly over the years. The decline of the birth rate and the decreasing death rate have decreased the percentage of "future workers" in the population, while enlarging the top end of the age structure. In 1960, 29.0% of New Jersey's population was under fifteen years of age, but by 1970 this group accounted for only 27.8% of the population. By 1980 those under 15 represented 21.4%, and by 1984 those under 15 years of age represented 20.2%. The disparity increases for the portion of the population under ten. In 1960, 20.3% of the population was ten and under with only 17.9% in 1970, 13.2% in 1980, and 12.8% in 1984. At the upper end of the age distribution, the share of population 65 and over has increased from 9.1% in 1960 to 9.7 in 1970. The 1980 census shows a further increase to 11.7%, and in 1987 persons over age 64 represented 13.0%. The New Jersey trends parallel those of the United States as a whole and could have serious implications in the next ten to twenty years as a declining working-age population will have to support an increasing number of elderly people. The impact on our medical establishment will be profound as well.

Marriage and Divorce

During the seventies marriages decreased with the exception of 1972 and 1973 which gave an indication of an upturn that did not materialize until later. The bottom was reached in 1977, and since then an upturn has occurred. Marriage rates have increased in recent years even though women have increasingly chosen careers over marriage or postponed marriage to establish a career. Nationally, marriage rates have decreased from their peak at 11.1 per 1,000 population in 1950 to 10.8 in 1980. The State's marriage rate which was a low 6.5 in 1959 rose to 7.6 in 1980 and reached 8.3 in 1983 and 1984. In 1985 the marriage rate in New Jersey declined to 8.1 and remained there during 1986. However, in 1987 the rate dipped to 7.9. Divorce rates have increased significantly in both New Jersey and the nation during the past thirty years. New Jersey's 1987 rate of 3.5 divorces per 1,000 population was down slightly from the 1986 rate of 3.6.

1987 POPULATION

Overview

As of July 1, 1987, New Jersey's population was estimated at 7,672,524 -- up by 307,513 or 4.2% from the census count on April 1, 1980. Although substantially less than the U.S. gain of 6.4%, New Jersey outpaced the other seven most populous states in the Northeast and North Central Regions, including New York and Pennsylvania.

New Jersey's Comparative Growth

Although New Jersey's annual rate of population increase since 1980 (0.58% per year) was less than half of the national gain (1.08% per year), state growth was about twice the increase shown in New York. Pennsylvania showed virtually no change at all. Of the eight largest states (over 5 million) in the Northeastern and North Central Regions, not only did New Jersey lead in the percent increase, but it was second only to New York in absolute growth since 1980.

A primary reason for New Jersey's growth was its positive net migration; that is, seventy-four thousand more people moved into New Jersey than moved out from 1980 to 1987. New Jersey was the only state among the "Top Eight" in the Northeast and North Central Regions with this distinction.

TABLE - 1

**POPULATION BY AGE AND SEX
UNITED STATES, NEW JERSEY, NEW YORK, AND PENNSYLVANIA
APRIL 1, 1980**

	<u>United States</u>	<u>New Jersey</u>	<u>New York</u>	<u>Pennsylvania</u>
TOTAL	226,504,825	7,364,158	17,557,288	11,866,728
Under 5 years	16,344,407	463,127	1,135,687	747,876
5-9 years	16,697,134	508,526	1,184,687	805,285
10-14 years	18,240,919	605,695	1,406,378	932,218
15-19 years	21,161,667	670,705	1,598,252	1,080,866
20-24 years	21,312,557	614,774	1,519,964	1,059,965
25-29 years	19,517,672	574,046	1,428,314	945,416
30-34 years	17,557,957	563,735	1,351,997	848,098
35-39 years	13,963,008	479,715	1,106,790	682,546
40-44 years	11,668,239	400,048	936,291	591,892
45-49 years	11,088,383	393,967	911,387	600,348
50-54 years	11,708,984	432,607	996,676	695,815
55-59 years	11,614,054	430,087	979,223	712,181
60-64 years	10,085,711	367,444	841,084	633,115
65 years and over	25,544,133	859,682	2,160,558	1,531,107
Median Age	30.0	32.2	31.9	32.1
Males	110,032,295	3,532,719	8,338,961	5,683,985
Females	116,472,530	3,831,439	9,218,327	6,182,743

Source: Bureau of the Census, U.S. Department of Commerce, 1980 Census of Population, Supplementary Reports "Age, Sex, Race, and Spanish Origin of the Population by Regions, Division, and States: 1980," PC80-S1-1, U.S. Government Printing Office, Washington, D.C., Issued May 1981.

TABLE-2

NEW JERSEY
POPULATION BY COUNTY, BY SEX, BY RACE, BY AGE
APRIL 1, 1980 CENSUS

County	Total	Male	FEMALE			15-44 yrs.	19 yrs. & under
			Total	White	Nonwhite		
STATE TOTAL	7,364,823	3,533,012	3,831,811	3,177,848	653,963	1,687,457	1,101,412
Atlantic County	194,119	91,163	102,956	81,420	21,536	41,823	28,154
Bergen County	845,385	405,372	440,013	408,412	31,601	187,658	110,347
Burlington County	362,542	181,636	180,906	154,006	26,900	96,051	58,670
Camden County	471,650	225,202	246,448	199,366	47,082	109,580	75,312
Cape May County	82,266	39,503	42,763	39,570	3,193	15,465	10,603
Cumberland County	132,866	63,026	69,840	54,791	15,049	29,987	22,168
Essex County	851,116	396,667	454,449	255,005	199,444	200,409	133,734
Gloucester County	199,917	97,367	102,550	92,180	10,370	47,752	33,527
Hudson County	556,972	263,475	293,497	223,769	69,728	126,782	80,669
Hunterdon County	87,361	43,505	43,856	42,961	895	20,670	13,746
Mercer County	307,863	146,981	160,882	126,305	34,577	72,795	45,409
Middlesex County	595,893	292,433	303,460	272,337	31,123	145,099	88,157
Monmouth County	503,173	241,857	261,316	232,736	28,580	113,972	78,599
Morris County	407,630	198,804	208,826	198,854	9,972	98,785	63,255
Ocean County	346,038	164,046	181,992	174,710	7,282	67,259	49,062
Passaic County	447,585	212,631	234,954	184,808	50,146	103,425	68,372
Salem County	64,676	31,463	33,213	27,648	5,565	14,156	10,318
Somerset County	203,129	99,671	103,458	96,088	7,370	47,635	29,677
Sussex County	116,119	57,371	58,748	57,967	781	28,080	19,724
Union County	504,094	240,278	263,816	211,919	51,897	110,951	68,779
Warren County	84,429	40,561	43,868	42,996	872	19,123	13,130

TABLE-3

**NEW JERSEY
POPULATION BY COUNTY BY AGE GROUP
APRIL 1, 1980 CENSUS**

County	Total	AGE GROUP						
		Under 15	15-19	20-24	25-34	35-44	45-64	65+
STATE TOTAL	7,364,823	1,577,577	670,665	614,828	1,137,893	879,823	1,624,266	859,771
Atlantic County	194,119	40,813	16,833	16,218	28,404	19,967	41,097	30,787
Bergen County	845,385	153,396	72,513	67,559	124,489	103,422	218,730	105,276
Burlington County	362,542	84,478	38,485	33,556	59,925	45,770	71,646	28,682
Camden County	471,650	110,187	43,253	40,359	75,038	53,180	100,401	49,232
Cape May County	82,266	15,264	6,748	6,328	10,936	7,611	18,646	16,733
Cumberland County	132,866	32,353	12,603	10,448	19,890	14,857	27,199	15,516
Essex County	851,116	192,277	77,307	71,267	130,090	99,172	182,242	98,761
Gloucester County	199,917	48,645	19,585	18,042	32,860	23,395	39,667	17,723
Hudson County	556,972	116,069	48,168	49,889	86,991	61,908	124,015	69,932
Hunterdon County	87,361	20,051	8,522	5,859	13,871	13,307	17,647	8,104
Mercer County	307,863	62,353	29,346	29,583	48,284	35,639	67,458	35,200
Middlesex County	595,893	120,970	59,639	60,704	97,741	70,936	133,171	52,732
Monmouth County	503,173	113,584	46,953	37,489	75,222	64,341	106,048	59,536
Morris County	407,630	90,933	38,533	31,268	65,572	58,845	86,683	35,796
Ocean County	346,038	74,562	25,858	21,440	49,528	35,680	67,161	71,809
Passaic County	447,585	98,336	40,194	38,850	69,046	51,572	96,446	53,141
Salem County	64,676	15,272	6,030	4,918	9,673	7,292	13,953	7,538
Somerset County	203,129	41,748	19,219	15,955	31,626	27,578	48,721	18,282
Sussex County	116,119	30,594	9,863	7,533	22,097	16,545	19,352	10,135
Union County	504,094	96,608	43,528	41,027	73,289	58,679	126,296	64,667
Warren County	84,429	19,084	7,485	6,536	13,321	10,127	17,687	10,189

TABLE-4

ESTIMATES OF RESIDENT POPULATION, NEW JERSEY COUNTIES*

<u>COUNTY</u>	<u>CENSUS, APRIL 1, 1980</u>	<u>REVISED ESTIMATE, JULY 1, 1986</u>	<u>PROVISIONAL ESTIMATE, JULY 1, 1987</u>
STATE TOTAL	7,365,011	7,625,000	7,672,000
Atlantic County	194,119	206,500	208,500
Bergen County	845,385	837,000	830,400
Burlington County	362,542	382,600	388,000
Camden County	471,650	493,400	496,300
Cape May County	82,266	92,200	94,200
Cumberland County	132,866	137,000	137,600
Essex County	851,304	844,800	844,500
Gloucester County	199,917	210,600	213,000
Hudson County	556,972	553,200	547,200
Hunterdon County	87,361	96,500	98,900
Mercer County	307,863	322,500	327,100
Middlesex County	595,893	636,700	645,700
Monmouth County	503,173	542,600	553,600
Morris County	407,630	418,600	419,400
Ocean County	346,038	393,300	403,000
Passaic County	447,585	462,800	463,700
Salem County	64,676	65,400	65,400
Somerset County	203,129	215,300	221,600
Sussex County	116,119	122,700	124,300
Union County	504,094	504,800	502,500
Warren County	84,429	86,500	87,200

* State estimates are shown to the nearest thousand persons, and county estimates to the nearest hundred persons.

SOURCE: Division of Labor Market and Demographic Research,
Department of Labor.

TABLE-5

**COMPONENTS OF CHANGE IN RESIDENT POPULATION, BY COUNTY:
APRIL 1, 1980 TO JULY 1, 1987***

New Jersey Counties	Total Population		Change, 1980-1987		Components of Change		
	1980 Census	1987 Estimate	Number	Pct.	Births	Deaths	Net Migration
STATE TOTAL	7,365,011	7,672,000	307,000	4.17	734,000	501,000	74,000
Atlantic	194,119	208,500	14,400	7.43	21,500	17,500	10,400
Bergen	845,385	830,400	-14,900	-1.77	64,800	56,400	-23,400
Burlington	362,542	388,000	25,500	7.02	38,400	19,000	6,100
Camden	471,650	496,300	24,700	5.23	56,300	31,500	-100
Cape May	82,266	94,200	11,900	14.46	8,600	8,600	11,900
Cumberland	132,866	137,600	4,700	3.54	15,100	9,500	-900
Essex	851,304	844,500	-6,800	-0.79	87,600	59,900	-34,500
Gloucester	199,917	213,000	13,100	6.57	22,400	11,800	2,500
Hudson	556,972	547,200	-9,800	-1.76	60,000	42,200	-27,600
Hunterdon	87,361	98,900	11,600	13.23	8,600	4,700	7,700
Mercer	307,863	327,100	19,300	6.26	30,900	20,800	9,200
Middlesex	595,893	645,700	49,800	8.36	57,700	34,200	26,300
Monmouth	503,173	553,600	50,400	10.03	49,200	35,500	36,800
Morris	407,630	419,400	11,800	2.90	36,500	20,900	-3,800
Ocean	346,038	403,000	57,000	16.46	35,000	35,000	57,000
Passaic	447,585	463,000	16,200	3.61	49,600	30,700	-2,800
Salem	64,676	65,400	700	1.08	6,500	4,500	-1,300
Somerset	203,129	221,600	18,500	9.11	18,500	11,000	11,000
Sussex	116,119	124,000	8,200	7.06	13,300	6,000	900
Union	504,094	502,500	-1,600	-0.32	45,300	35,700	-11,300
Warren	84,429	87,200	2,800	3.31	8,600	5,900	100

* The 1987 population is the Provisional estimate, as of July 1. Population change, and estimates of the components of change, have been rounded to the nearest thousand persons for the State, and to the nearest hundred for the counties. Components of change may not add precisely to total change due to the rounding.

SOURCE: Division of Labor Market and Demographic Research, Department of Labor.

TABLE-6

POPULATION ESTIMATES FOR COUNTIES AND SELECTED PLACES
NEW JERSEY: 1987

Place of Residence	Federal Census	Revised Population	Provisional
	April 1, 1980	Estimates July 1, 1986	Population Estimates July 1, 1987
STATE TOTAL	7,365,011	7,625,168	7,672,524
ATLANTIC COUNTY	194,119	206,457	208,542
Atlantic City	40,199	36,070	35,431
BERGEN COUNTY	845,385	837,022	830,467
BURLINGTON COUNTY	362,542	382,599	388,129
CAMDEN COUNTY	471,650	493,372	496,318
Camden City	84,910	82,346	81,675
Cherry Hill Twp.	68,785	72,632	73,655
Gloucester Twp.	45,156	50,770	51,647
CAPE MAY COUNTY	82,266	92,186	94,160
CUMBERLAND COUNTY	132,866	137,017	137,571
Vineland City	53,753	54,329	54,497
ESSEX COUNTY	851,304	844,827	844,545
Bloomfield	47,792	47,925	47,988
East Orange	77,878	77,379	77,140
Irvington	61,493	62,443	62,251
Newark	329,248	316,849	315,196
GLOUCESTER COUNTY	199,917	210,647	213,043
HUDSON COUNTY	556,972	553,242	547,196
Bayonne	65,047	63,098	61,839
Hoboken	42,460	41,794	41,698
Jersey City	223,532	218,577	217,251
North Bergen Twp.	47,019	47,461	46,692
Union City	55,593	55,982	54,913
HUNTERDON COUNTY	87,361	96,469	98,914
MERCER COUNTY	307,863	322,480	327,123
Hamilton Twp.	82,801	87,580	87,106
Trenton	92,124	91,383	90,646
MIDDLESEX COUNTY	595,893	636,729	645,709
Edison Twp.	70,193	81,850	84,159
New Brunswick	41,442	39,953	39,568
Old Bridge Twp.	51,515	55,767	56,622
Piscataway Twp.	42,223	43,849	44,059
Woodbridge Twp.	90,074	93,192	94,007
MONMOUTH COUNTY	503,173	542,572	553,618
Middletown Twp.	62,574	69,424	69,626
MORRIS COUNTY	407,630	418,589	419,438
Parsippany-Troy Hills	49,868	49,184	48,679
OCEAN COUNTY	346,038	393,330	402,998
Brick Twp.	53,629	60,836	61,958
Dover Twp.	64,455	71,456	72,547
PASSIC COUNTY	447,585	462,845	463,736
Clifton	74,388	76,850	76,491
Passaic City	52,463	54,061	53,857
Paterson	137,970	139,101	138,200
Wayne Twp.	46,474	49,679	51,145
SALEM COUNTY	64,676	65,427	65,371
SOMERSET COUNTY	203,129	215,297	221,628
SUSSEX COUNTY	116,119	122,696	124,323
UNION COUNTY	504,094	504,819	502,468
Elizabeth	106,201	106,625	105,876
Plainfield	45,555	45,897	45,621
Union Twp.	50,184	50,897	50,943
WARREN COUNTY	84,429	86,546	87,227

NOTE: Population from the Division of Labor Market and Demographic Research, Department of Labor.

TABLE-7

**RESIDENT POPULATION 65 AND OLDER
NEW JERSEY COUNTIES: 1986-1987**

NEW JERSEY COUNTIES	CENSUS 4/1/80	ESTIMATED AS OF JULY 1*	
		1986 (R)	1987 (P)
STATE TOTAL	859,711	976,000	994,000
Atlantic County	30,787	30,700	31,500
Bergen County	105,276	119,300	120,700
Burlington County	28,682	36,400	38,000
Camden County	49,232	57,400	58,800
Cape May County	16,733	18,400	18,700
Cumberland County	15,516	17,300	17,800
Essex County	98,761	99,800	100,200
Gloucester County	17,723	21,800	22,600
Hudson County	69,932	71,200	71,400
Hunterdon County	8,104	9,200	9,500
Mercer County	35,200	40,500	41,500
Middlesex County	52,732	66,700	71,100
Monmouth County	59,536	68,600	70,200
Morris County	35,796	41,400	42,400
Ocean County	71,809	90,300	92,400
Passaic County	53,141	57,500	58,100
Salem County	7,538	8,700	8,900
Somerset County	18,282	22,900	23,600
Sussex County	10,135	11,700	11,900
Union County	64,667	71,800	72,600
Warren County	10,189	11,900	12,100

* State estimates are shown to the nearest thousand persons, and county estimates to the nearest hundred persons.

The estimate for 1987 is provisional (P). The estimates for 1986 is revised (R) from last years.

SOURCE: Division of Labor Market and Demographic Research, Department of Labor.

New Jersey Population Estimates by County, Age, Sex, Race 1987

These estimates should be used only for statistical purposes as applied to health data.

NOTE: These age, sex, and race levels were developed using the provisional Official State Estimates for July 1, 1987 which were released by the Department of Labor in October, 1988. The age, sex, and race levels contained in this report are not official estimates and are intended for statistical use by health professionals in computation of morbidity and mortality rates by age, sex, and race characteristics and in projecting ranges of "need".

**CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH**

**TAB-1
POPULATION ESTIMATES BY COUNTY,
AGE, SEX, RACE**

New Jersey Population Age, Sex and Race 1987

TABLE OF CONTENTS

INTRODUCTION	L-3
STATE SUMMARY	L-4
ATLANTIC	L-5
BERGEN	L-6
BURLINGTON	L-7
CAMDEN	L-8
CAPE MAY	L-9
CUMBERLAND	L-10
ESSEX	L-11
GLOUCESTER	L-12
HUDSON	L-13
HUNTERDON	L-14
MERCER	L-15
MIDDLESEX	L-16
MONMOUTH	L-17
MORRIS	L-18
OCEAN	L-19
PASSAIC	L-20
SALEM	L-21
SOMERSET	L-22
SUSSEX	L-23
UNION	L-24
WARREN	L-25

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DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

NOTES ON DATA AND ESTIMATING METHOD
ESTIMATES BY AGE, SEX, AND RACE

The age, sex, and race estimates in this report were developed for Health Statistics Purposes Only. While these estimates are considered crude, they represent the only age, sex, and race data available for July 1, 1987. Using county controls, these estimates were generated through the Department of Labor's "Official State July 1, 1987 Population Estimates,"¹ which include values for total population by county and residents aged 5 years and under, 5 through 17, 18 through 64, and 65 and over. These estimates are provisional, not official.

To generate the age, sex, and race proportionate shares for New Jersey and its 21 counties, linear interpolation was performed between the 1982 estimate values released by Richard Irwin at the U.S. Bureau of the Census, and the 1990 Population Projections information developed from ODEA Economic & Demographic Model prepared by the Department of Labor in November, 1985.² These 1990 population projections did not present age, sex, and race information for Cape May, Hunterdon, Sussex, and Warren Counties because of small values, especially for the nonwhite population. To generate values included herein for Cape May, Hunterdon, Sussex, and Warren Counties, the Department of Labor provided the Health Department, with the unpublished projections of race and sex, with the understanding that the projection not be released, but reserved for internal use only.

While these estimates attempt to account for births, deaths, aging, and migration factors in the population through the use of linear interpolation between 1982 estimates and 1990 projections (as described above) and statistical control to 1987 provisional county estimates, they are only very crude estimates. They are, however, the only data available in the absence of any hard indicators of the population age distributions by race and sex that could be more accurately ascertained through use of administrative records (i.e., Medicare, school enrollment, driver's license registration, taxation, etc.). These crude estimates were generated and are intended for use only by health professionals for statistical purposes, such as computation of morbidity and mortality rates and health planning modelling of "need" for health care services by age, sex, and race at the county level.

Users should be aware that the 1987 county base population level used to generate these data may not agree with individual breakdowns and that county values may not add to state values because of rounding.

Footnotes:

- 1 Provisional Population Estimates for New Jersey - July 1, 1987. (Official State Estimates) N.J. Department of Labor, Office of Demographic and Economic Analysis - October, 1987.
- 2 New Jersey Revised Total and Age and Sex Population Projections for July 1, 1990. New Jersey Department of Labor, Office of Demographic and Economic Analysis - November, 1985.

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

NEW JERSEY 1987

	TOTAL	WHITE		NONWHITE		WHITE		NONWHITE		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	513027	202227	192019	394246	60150	58631	118781	262377	250650				
5-9	480645	191796	182691	374487	53864	52294	106158	245660	234985				
10-14	512974	205021	195217	400238	56848	55887	112735	261870	251104				
15-19	564299	227114	218340	445454	58179	60665	118844	285293	279005				
20-24	612492	246874	243881	490755	56076	65660	121736	302950	309541				
25-29	642244	260677	254167	514844	58515	68885	127400	319192	323052				
30-34	638688	263435	257362	520797	52775	65116	117891	316210	322477				
35-39	590490	242111	242438	484549	47883	58058	105941	289993	300497				
40-44	522356	209320	220246	429566	42806	49985	92791	252125	270231				
45-49	439246	176791	188472	365263	34535	39448	73983	211326	227920				
50-54	391842	160011	171949	331960	27976	31906	59882	187987	203855				
55-59	386377	160060	176312	336372	22647	27358	50005	182707	203670				
60-64	382330	158165	181923	340088	18566	23675	42241	176731	205599				
65-69	335465	132726	169589	302315	13929	19221	33150	146655	188810				
70-74	262697	98828	140461	239289	9261	14147	23408	108089	154608				
75-79	188500	63904	108768	172672	5878	9950	15828	69782	118718				
80-84	115155	34394	72368	106762	2781	5612	8393	37175	77980				
85+	92129	22208	63235	85443	1828	4858	6686	24036	68093				
All ages	7672000	3055664	3279439	6335103	624496	711357	1335853	3680160	3990796				

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

ATLANTIC 1987

	TOTAL	WHITE		NONWHITE		WHITE		NONWHITE		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	TOTAL	FEMALE	MALE	FEMALE	TOTAL	MALE	FEMALE	
Under 5	13995	5306	5026	10332	1854	1810	3664	7160	6835				
5-9	12496	4963	4641	9604	1441	1450	2891	6404	6092				
10-14	13355	5296	4917	10213	1554	1589	3143	6849	6506				
15-19	14517	5648	5362	11010	1742	1765	3507	7390	7126				
20-24	15904	6298	6277	12575	1557	1772	3329	7855	8049				
25-29	18193	7844	7023	14867	1438	1889	3327	9282	8911				
30-34	19860	9187	7714	16901	1232	1727	2959	10419	9441				
35-39	15685	6963	6287	13250	1034	1401	2435	7997	7688				
40-44	12756	5278	5341	10619	869	1269	2138	6147	6609				
45-49	10287	4016	4353	8369	830	1088	1918	4846	5442				
50-54	9514	3642	4082	7724	757	1032	1790	4399	5115				
55-59	9824	3792	4312	8104	716	1004	1720	4508	5316				
60-64	10690	4034	4899	8933	715	1042	1757	4749	5941				
65-69	9823	3604	4790	8394	562	868	1430	4166	5658				
70-74	7733	2631	4011	6642	381	710	1091	3012	4721				
75-79	6280	1982	3408	5390	320	570	890	2302	3977				
80-84	4132	1176	2378	3554	190	388	578	1366	2766				
85+	3523	829	2176	3005	159	359	518	988	2535				
All ages	208500	82489	86998	169487	17350	21731	39081	99840	108728				

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

BERGEN 1987

	TOTAL		WHITE		WHITE		NONWHITE		NONWHITE		NONWHITE		TOTAL	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	45701	20358	19341	39699	3021	2981	6002	23378	22322					
5-9	43657	19158	18236	37394	3216	3046	6262	22375	21282					
10-14	48666	21230	20131	41361	3738	3568	7306	24967	23699					
15-19	53250	23665	22607	46272	3413	3565	6978	27078	26172					
20-24	60802	27359	26809	54168	3035	3599	6634	30394	30408					
25-29	66526	29849	28796	58645	3682	4199	7881	33532	32995					
30-34	67195	29849	29396	59245	3683	4267	7950	33532	33663					
35-39	65126	27848	27862	55710	4486	4930	9416	32334	32792					
40-44	60026	24192	26227	50419	4923	4684	9607	29115	30911					
45-49	52257	21390	23836	45226	3697	3333	7030	25088	27169					
50-54	48751	20762	23120	43882	2525	2344	4869	23287	25465					
55-59	49008	21663	24141	45804	1587	1618	3205	23250	25759					
60-64	48748	21647	24703	46350	1090	1307	2397	22737	26010					
65-69	42131	17970	22238	40208	848	1075	1923	18818	23313					
70-74	32275	12815	18080	30895	572	807	1379	13387	18888					
75-79	22355	7961	13524	21485	308	562	870	8269	14086					
80-84	13403	4120	8859	12979	143	282	425	4262	9141					
85+	10541	2612	7630	10242	78	221	299	2690	7851					
All ages	830400	354447	385538	739985	44045	46388	90433	398492	431926					

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

BURLINGTON 1987

	TOTAL	WHITE		WHITE TOTAL		NONWHITE		NONWHITE TOTAL		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	27500	11467	10930	22397	2601	2502	5103	14067	13433		
5-9	25692	10714	10169	20883	2454	2354	4808	13168	12524		
10-14	27422	11149	10784	21933	2831	2658	5489	13980	13442		
15-19	31426	13182	11190	24372	3952	3101	7053	17134	14291		
20-24	32059	12033	12263	24296	4492	3270	7763	16525	15533		
25-29	32546	11948	13824	25772	3296	3478	6774	15244	17302		
30-34	34054	14781	13669	28450	2447	3157	5604	17228	16826		
35-39	32025	14055	12755	26810	2462	2754	5216	16516	15509		
40-44	28193	11871	11413	23284	2468	2441	4909	14339	13854		
45-49	23083	9695	9298	18993	2064	2026	4090	11760	11324		
50-54	19708	8147	8192	16339	1801	1658	3459	9948	9850		
55-59	18841	7835	8139	15974	1466	1401	2867	9301	9540		
60-64	17366	7248	8087	15335	1037	994	2031	8285	9081		
65-69	14013	5828	6976	12804	584	626	1210	6411	7601		
70-74	9932	3986	5245	9231	305	396	701	4291	5641		
75-79	6543	2342	3786	6128	167	249	416	2509	4034		
80-84	4017	1214	2575	3789	72	157	229	1286	2731		
85+	3480	795	2503	3298	36	147	183	831	2649		
All ages	388000	158287	161797	320084	34537	33369	67906	192824	195166		

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

CAMDEN 1987

	TOTAL	WHITE		NONWHITE		NONWHITE		NONWHITE TOTAL	TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE		MALE	FEMALE
Under 5	38895	14746	13982	28728	5155	5012	10167	19901	18994	
5-9	35947	13658	13019	26677	4715	4555	9270	18373	17574	
10-14	36167	13788	13237	27025	4640	4501	9141	18429	17738	
15-19	36292	14083	13766	27849	4172	4272	8444	18255	18038	
20-24	38753	15043	15457	30500	3679	4574	8253	18722	20031	
25-29	42976	17163	16638	33801	4080	5095	9175	21243	21733	
30-34	43213	17487	16700	34187	3930	5095	9025	21417	21795	
35-39	38221	15164	15310	30474	3536	4210	7746	18700	19521	
40-44	32206	12473	13449	25922	2841	3442	6283	15315	16891	
45-49	26070	10269	11017	21286	2218	2565	4783	12488	13582	
50-54	23035	9086	10076	19162	1792	2082	3874	10878	12158	
55-59	22953	9305	10244	19549	1560	1844	3404	10865	12088	
60-64	22859	9230	10802	20032	1271	1557	2828	10501	12358	
65-69	20447	7955	10071	18026	1054	1367	2421	9009	11439	
70-74	16068	5849	8413	14262	737	1071	1808	6585	9483	
75-79	10872	3501	6242	9743	454	675	1129	3955	6916	
80-84	6452	1752	4122	5874	206	372	578	1958	4494	
85+	4971	1129	3333	4462	113	395	508	1242	3728	
All ages	496300	191682	205877	397559	46154	52684	98838	237835	258561	

POPULATION ESTIMATES FOR COMPUTATION FOR HEALTH RATES ONLY

CAPE MAY 1987

	TOTAL	WHITE		NONWHITE		WHITE		NONWHITE		NONWHITE TOTAL	TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE		MALE	FEMALE
Under 5	6301	2948	2829	5777	259	264	523	3207	3093			
5-9	5455	2497	2457	4954	252	250	502	2749	2706			
10-14	5389	2518	2387	4905	242	242	484	2760	2629			
15-19	6408	3174	2708	5882	259	266	525	3433	2974			
20-24	7009	3375	3178	6553	180	276	456	3555	3454			
25-29	7279	3480	3361	6841	178	261	439	3657	3621			
30-34	7660	3854	3396	7250	188	223	411	4041	3619			
35-39	6579	3217	2977	6194	188	198	386	3405	3175			
40-44	5121	2332	2422	4754	182	185	367	2514	2607			
45-49	4164	1848	2011	3859	132	173	305	1980	2184			
50-54	3944	1724	1969	3693	99	152	251	1823	2121			
55-59	4614	2011	2326	4337	110	168	278	2121	2493			
60-64	5585	2403	2956	5359	104	121	225	2507	3078			
65-69	5643	2360	3056	5416	91	136	227	2451	3192			
70-74	4984	2019	2762	4781	82	121	203	2100	2884			
75-79	3862	1433	2258	3691	74	98	172	1506	2356			
80-84	2420	826	1503	2329	26	65	91	852	1568			
85+	1795	503	1216	1719	29	47	76	532	1263			
All ages	94200	42519	45773	88292	2675	3243	5918	45194	49017			

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

CUMBERLAND 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	9991	3816	3641	7457	1276	1258	2534	5091	4899
5-9	9654	3750	3664	7414	1098	1141	2239	4849	4805
10-14	10485	4057	3985	8042	1225	1217	2442	5283	5202
15-19	11171	4427	4289	8716	1184	1271	2455	5611	5560
20-24	11172	4217	4545	8762	1148	1263	2411	5365	5807
25-29	11636	4533	4674	9207	1283	1146	2429	5816	5820
30-34	10546	4197	4453	8650	891	1004	1895	5088	5458
35-39	9580	3820	4211	8031	687	862	1549	4507	5073
40-44	8539	3448	3840	7288	555	696	1251	4003	4536
45-49	7345	2956	3303	6259	482	604	1086	3438	3907
50-54	6624	2649	3043	5692	409	522	931	3058	3566
55-59	6456	2591	3038	5629	364	463	827	2955	3501
60-64	6574	2606	3172	5778	342	454	796	2948	3626
65-69	5929	2289	3029	5318	268	343	611	2557	3372
70-74	4645	1742	2457	4199	176	271	447	1917	2728
75-79	3455	1209	1927	3136	126	193	319	1335	2120
80-84	2126	662	1284	1946	61	119	180	723	1403
85+	1636	422	1053	1475	57	104	161	479	1157
All ages	137600	53390	59609	112999	11632	12933	24565	65022	72542

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

ESSEX 1987

	TOTAL		WHITE		WHITE		NONWHITE		NONWHITE		NONWHITE		TOTAL	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	58395	13156	12502	25658	16569	16168	32737	29725	28670					
5-9	57353	13585	12963	26548	15638	15167	30805	29223	28130					
10-14	60964	14566	14006	28572	16246	16147	32393	30812	30153					
15-19	65374	16255	15669	31924	16152	17297	33449	32407	32967					
20-24	71921	18089	18010	36099	16059	19762	35821	34149	37772					
25-29	72869	18124	17670	35794	16564	20511	37075	34688	38181					
30-34	68621	17841	17875	35716	14204	18700	32904	32046	36575					
35-39	61797	16175	17074	33249	12198	16350	28548	28372	33425					
40-44	54603	14225	15726	29951	10691	13961	24652	24916	29687					
45-49	47037	12418	14096	26514	8831	11692	20523	21249	25788					
50-54	42939	11991	13430	25421	7754	9764	17518	19745	23194					
55-59	42047	12434	14253	26687	6703	8657	15360	19137	22910					
60-64	40370	12397	14603	27000	5749	7621	13370	18146	22224					
65-69	34600	10230	13633	23863	4404	6332	10736	14634	19966					
70-74	26400	7503	11114	18617	3025	4758	7783	10528	15872					
75-79	18984	4797	8899	13696	1893	3396	5289	6690	12294					
80-84	11185	2599	5836	8435	887	1863	2750	3486	7699					
85+	9047	1756	5192	6948	565	1533	2098	2322	6725					
All ages	844500	218142	242552	460694	174133	209680	383813	392275	452232					

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

GLOUCESTER 1987

	TOTAL	WHITE		WHITE TOTAL		NONWHITE		NONWHITE TOTAL		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	17000	7810	7487	15297	866	837	1703	8676	8324		
5-9	15124	6932	6617	13549	799	776	1575	7731	7393		
10-14	15981	7313	7056	14369	815	797	1612	8128	7853		
15-19	16808	7491	7571	15062	840	907	1747	8330	8478		
20-24	17338	7753	8014	15767	713	859	1572	8466	8872		
25-29	18869	8886	8408	17294	680	895	1575	9566	9304		
30-34	18641	8496	8513	17009	732	900	1632	9228	9413		
35-39	16025	7184	7453	14637	625	763	1388	7809	8216		
40-44	14284	6428	6546	12974	596	715	1311	7024	7261		
45-49	11489	5246	5193	10439	474	576	1050	5720	5769		
50-54	9930	4395	4571	8966	436	529	965	4830	5100		
55-59	9581	4236	4500	8736	383	462	845	4619	4963		
60-64	9308	4021	4476	8497	354	457	811	4376	4933		
65-69	8093	3336	4023	7359	329	405	734	3665	4428		
70-74	6015	2288	3167	5455	233	327	560	2521	3494		
75-79	4031	1371	2280	3651	142	239	381	1513	2518		
80-84	2459	740	1519	2259	72	127	199	812	1646		
85+	2009	440	1395	1835	62	112	174	502	1507		
All ages	213000	94367	98789	193156	9148	10683	19831	103515	109471		

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

HUDSON 1987

	TOTAL		WHITE		NONWHITE		NONWHITE		NONWHITE		TOTAL	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	38900	13962	13172	27134	5930	5836	11766	19892	19008	19892	19008	
5-9	36118	13200	12601	25801	5154	5163	10317	18353	17764	18353	17764	
10-14	36719	13976	13117	27093	4845	4780	9625	18821	17898	18821	17898	
15-19	39593	15009	14519	29528	4822	5243	10065	19831	19762	19831	19762	
20-24	44247	17267	16834	34101	4680	5466	10146	21947	22300	21947	22300	
25-29	47218	18147	18059	36206	5423	5589	11013	23570	23648	23570	23648	
30-34	45845	17355	17845	35200	5082	5563	10645	22437	23408	22437	23408	
35-39	41017	15565	16130	31695	4385	4937	9322	19950	21067	19950	21067	
40-44	34600	12869	13894	26763	3670	4166	7836	16540	18060	16540	18060	
45-49	28872	10996	12236	23232	2677	2963	5640	13673	15199	13673	15199	
50-54	27558	10943	12205	23148	2020	2390	4410	12963	14595	12963	14595	
55-59	27425	11119	12768	23887	1568	1970	3538	12687	14738	12687	14738	
60-64	27559	11033	13398	24431	1344	1785	3129	12376	15183	12376	15183	
65-69	24602	9317	12699	22016	1028	1558	2586	10345	14257	10345	14257	
70-74	18853	6619	10406	17025	710	1117	1827	7330	11524	7330	11524	
75-79	13534	4288	8004	12292	433	809	1242	4721	8813	4721	8813	
80-84	8000	2250	5123	7373	196	431	627	2447	5553	2447	5553	
85+	6401	1471	4382	5853	136	413	549	1606	4795	1606	4795	
All ages	547200	205387	227392	432779	54102	60180	114282	259489	287572	259489	287572	

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

HUNTERDON 1987

	TOTAL	WHITE		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	6801	3437	3259	52	54	3489	3313
5-9	6164	3123	2945	36	60	3158	3005
10-14	6685	3411	3150	35	89	3446	3239
15-19	7989	4084	3657	167	81	4251	3738
20-24	8212	4040	3849	229	93	4269	3942
25-29	7385	3647	3550	101	87	3748	3637
30-34	7695	3828	3749	43	76	3870	3825
35-39	8573	4157	4274	65	77	4222	4351
40-44	8572	4127	4306	72	66	4200	4372
45-49	6908	3435	3376	54	44	3489	3419
50-54	5419	2716	2636	35	33	2751	2668
55-59	4884	2494	2339	24	27	2518	2366
60-64	4122	2055	2028	16	22	2071	2050
65-69	3292	1524	1720	19	30	1543	1749
70-74	2469	1061	1381	14	14	1074	1395
75-79	1764	659	1083	7	16	666	1099
80-84	1087	343	728	7	9	350	737
85+	889	223	653	2	11	225	664
All ages	98900	48364	48685	977	886	49341	49570

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MERCER 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	19995	6758	6470	13228	3428	3339	6767	10186	9810
5-9	18959	6691	6360	13051	3010	2898	5909	9701	9258
10-14	20983	7399	7263	14662	3054	3267	6321	10453	10529
15-19	28426	10862	10578	21440	3263	3723	6986	14126	14301
20-24	30915	12453	11316	23769	3282	3864	7146	15735	15180
25-29	27757	10432	9912	20344	3551	3863	7414	13983	13774
30-34	25637	9521	9797	19318	2859	3460	6319	12380	13257
35-39	23812	9194	9541	18735	2189	2888	5077	11383	12429
40-44	21339	8458	8815	17273	1684	2381	4065	10143	11196
45-49	18022	7063	7570	14633	1457	1933	3390	8520	9503
50-54	16245	6341	6785	13126	1323	1796	3119	7664	8581
55-59	16559	6419	7169	13588	1251	1720	2971	7670	8889
60-64	17041	6646	7712	14358	1143	1540	2683	7789	9252
65-69	14441	5351	7019	12370	857	1215	2072	6208	8234
70-74	10788	3835	5656	9491	526	771	1297	4361	6427
75-79	7759	2436	4446	6882	347	530	877	2783	4976
80-84	4660	1303	2920	4223	147	292	439	1449	3211
85+	3823	845	2643	3488	101	234	335	946	2877
All ages	327100	122005	131970	253975	33473	39714	73187	155479	171684

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MIDDLESEX 1987

	TOTAL	WHITE		NONWHITE		NONWHITE		NONWHITE		TOTAL	TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE		MALE	FEMALE
Under 5	41167	17806	16755	34561	3370	3236	6606	21176	19991	21176	19991	
5-9	35666	15752	14906	30658	2553	2455	5008	18305	17361	18305	17361	
10-14	40370	17431	16277	33708	3413	3248	6661	20845	19525	20845	19525	
15-19	51765	22148	21141	43289	4146	4331	8477	26293	25472	26293	25472	
20-24	60267	26107	25296	51403	4050	4814	8864	30158	30109	30158	30109	
25-29	58579	25261	24576	49837	4184	4558	8742	29445	29135	29445	29135	
30-34	57203	23992	24204	48196	4214	4793	9007	28206	28997	28206	28997	
35-39	51071	21219	21427	42646	4068	4356	8424	25288	25783	25288	25783	
40-44	43903	18073	19053	37126	3336	3442	6778	21408	22495	21408	22495	
45-49	36467	15329	16345	31674	2518	2275	4793	17847	18620	17847	18620	
50-54	32903	14280	15237	29517	1765	1622	3387	16045	16858	16045	16858	
55-59	32834	14600	15816	30416	1173	1244	2417	15774	17060	15774	17060	
60-64	32380	14470	15912	30382	885	1112	1997	15356	17024	15356	17024	
65-69	26917	11413	14040	25453	598	866	1464	12011	14906	12011	14906	
70-74	19541	7923	10564	18487	439	615	1054	8362	11179	8362	11179	
75-79	12440	4446	7358	11804	249	387	636	4695	7745	4695	7745	
80-84	6890	2133	4465	6598	112	179	291	2246	4644	2246	4644	
85+	5313	1316	3810	5126	52	135	187	1368	3945	1368	3945	
All ages	645700	273699	287182	560881	41126	43667	84793	314825	330849	314825	330849	

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MORRIS 1987

	TOTAL	WHITE		NONWHITE		TOTAL		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	26401	12601	11987	24588	920	892	1812	13521	12879	13521	12879
5-9	25297	11952	11492	23444	948	906	1854	12900	12397	12900	12397
10-14	27563	13144	12470	25614	1023	926	1949	14167	13396	14167	13396
15-19	30579	14404	14163	28567	1002	1010	2012	15407	15172	15407	15172
20-24	32679	15410	15259	30669	930	1080	2010	16340	16339	16340	16339
25-29	36483	17631	16434	34065	1201	1218	2419	18832	17651	18832	17651
30-34	38487	19059	17147	36206	1089	1192	2281	20148	18339	20148	18339
35-39	36340	17255	16578	33833	1254	1253	2507	18509	17831	18509	17831
40-44	32209	14452	15420	29872	1177	1160	2337	15629	16580	15629	16580
45-49	28232	13013	13528	26541	878	813	1691	13891	14341	13891	14341
50-54	23270	10966	11169	22135	588	547	1135	11554	11716	11554	11716
55-59	21055	10088	10191	20279	368	409	777	10455	10600	10455	10600
60-64	18513	8695	9192	17887	287	339	626	8982	9532	8982	9532
65-69	14582	6334	7812	14146	188	248	436	6522	8060	6522	8060
70-74	10672	4255	6147	10402	103	167	270	4358	6314	4358	6314
75-79	7542	2610	4749	7359	64	119	183	2675	4868	2675	4868
80-84	4998	1383	3535	4918	21	60	81	1404	3595	1404	3595
85+	4606	975	3563	4538	10	57	67	986	3620	986	3620
All ages	419400	194227	200834	395061	12051	12396	24447	206278	213230	206278	213230

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MONMOUTH 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	36195	15874	15209	31083	2677	2434	5111	18551	17644
5-9	35623	15752	15104	30856	2487	2280	4767	18239	17384
10-14	38327	16910	16406	33316	2557	2454	5011	19467	18860
15-19	39075	17401	16721	34122	2388	2565	4953	19789	19286
20-24	39602	17466	17478	34944	2067	2591	4658	19533	20069
25-29	44062	19611	19540	39151	2254	2657	4912	21865	22197
30-34	45923	21030	20266	41296	2088	2540	4628	23117	22806
35-39	45018	20898	19931	40829	1854	2335	4189	22753	22265
40-44	40416	18142	18422	36564	1756	2095	3851	19899	20517
45-49	34309	15236	15704	30940	1538	1832	3370	16774	17536
50-54	29277	13034	13356	26390	1326	1560	2886	14360	14916
55-59	28000	12109	13301	25410	1158	1432	2590	13268	14732
60-64	27563	11883	13415	25298	1005	1260	2265	12888	14675
65-69	22928	9310	11890	21200	728	1000	1728	10038	12890
70-74	17936	7002	9623	16625	505	806	1311	7507	10429
75-79	13322	4598	7812	12410	347	565	912	4946	8376
80-84	8585	2526	5528	8054	192	339	531	2717	5867
85+	7420	1778	5207	6985	129	306	435	1907	5513
All ages	553600	240561	254912	495473	27056	31051	58107	267617	285962

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

OCEAN 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	26501	12847	12171	25018	751	731	1482	13598	12902
5-9	25090	12166	11581	23747	681	662	1343	12847	12243
10-14	26551	12897	12290	25187	672	693	1365	13569	12982
15-19	26981	12994	12504	25498	769	715	1484	13763	13219
20-24	27531	13228	12904	26132	689	709	1398	13917	13613
25-29	28394	13801	13315	27116	634	644	1278	14435	13959
30-34	26856	12753	13061	25814	495	547	1043	13248	13608
35-39	26662	12652	13034	25686	431	545	976	13083	13579
40-44	25114	11845	12342	24187	424	503	927	12270	12845
45-49	19502	9135	9559	18694	361	447	808	9496	10006
50-54	16149	7510	7994	15504	314	331	645	7825	8324
55-59	16245	7232	8492	15724	243	278	521	7476	8770
60-64	19024	8137	10485	18622	179	223	402	8316	10708
65-69	23786	9835	13603	23438	141	206	347	9976	13809
70-74	25237	10437	14597	25034	86	118	204	10522	14715
75-79	20958	8384	12376	20760	93	105	198	8477	12480
80-84	13427	5096	8238	13334	41	52	93	5136	8291
85+	9007	2925	6021	8946	23	37	60	2949	6058
All ages	403000	183875	204565	388440	7028	7546	14574	190903	212112

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

PASSAIC 1987

	TOTAL	WHITE		NONWHITE		TOTAL		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	32894	12818	12130	24948	3970	3976	7946	16788	16107	16107	16107
5-9	31261	12426	11796	24222	3538	3500	7038	15964	15297	15297	15297
10-14	32054	12747	12091	24838	3511	3705	7216	16258	15796	15796	15796
15-19	34635	13343	13227	26570	3833	4232	8065	17176	17459	17459	17459
20-24	38564	14984	15075	30059	3706	4798	8504	18691	19873	19873	19873
25-29	40303	16297	15724	32021	3587	4695	8282	19884	20419	20419	20419
30-34	37960	15226	15640	30866	3031	4063	7094	18257	19704	19704	19704
35-39	33852	13799	14264	28063	2522	3268	5790	16321	17532	17532	17532
40-44	29989	12020	12766	24786	2315	2887	5202	14336	15653	15653	15653
45-49	25561	10169	11073	21242	1969	2351	4320	12137	13424	13424	13424
50-54	23045	9426	10191	19617	1612	1816	3428	11038	12007	12007	12007
55-59	22700	9464	10515	19979	1222	1498	2720	10686	12013	12013	12013
60-64	22662	9407	11060	20467	927	1268	2196	10334	12328	12328	12328
65-69	19703	7889	10162	18051	655	997	1652	8544	11159	11159	11159
70-74	14891	5670	8226	13896	339	657	996	6008	8883	8883	8883
75-79	10903	3642	6585	10227	248	428	676	3890	7013	7013	7013
80-84	6830	2000	4489	6489	99	242	341	2099	4732	4732	4732
85+	5776	1392	4125	5517	63	196	259	1455	4321	4321	4321
All ages	463700	182718	199141	381859	37146	44577	81723	219864	243719	243719	243719

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SALEM 1987

	TOTAL	WHITE		NONWHITE		TOTAL			
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE		
Under 5	4704	1938	1808	3746	487	470	957	2426	2278
5-9	4838	1963	1844	3807	526	506	1032	2489	2349
10-14	4985	2105	1911	4016	503	466	969	2608	2377
15-19	4885	2021	1924	3945	461	480	941	2482	2403
20-24	4561	1891	1928	3819	316	426	742	2207	2354
25-29	5016	2119	2156	4275	311	430	741	2430	2586
30-34	5011	2110	2140	4250	331	432	763	2440	2571
35-39	4793	2052	2081	4132	305	356	661	2357	2436
40-44	4281	1852	1877	3729	233	318	551	2086	2195
45-49	3561	1524	1572	3096	214	251	465	1738	1823
50-54	3278	1386	1448	2834	189	255	444	1575	1703
55-59	3224	1314	1474	2788	194	242	436	1508	1716
60-64	3255	1302	1531	2833	178	244	422	1480	1775
65-69	3031	1173	1463	2636	169	226	395	1342	1689
70-74	2349	859	1190	2049	130	169	299	989	1359
75-79	1682	587	883	1470	90	122	212	677	1005
80-84	1008	297	578	875	50	83	133	347	661
85+	841	200	536	736	36	69	105	236	605
All ages	65400	26692	28344	55036	4725	5544	10269	31417	33887

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SOMERSET 1987

	TOTAL	WHITE		NONWHITE		WHITE		NONWHITE		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	MALE	FEMALE
Under 5	13695	6112	5890	12002	859	834	1693	6971	6724				
5-9	13027	5767	5528	11295	891	841	1732	6658	6370				
10-14	13968	6168	5928	12096	1043	829	1872	7211	6756				
15-19	14716	6792	6420	13212	745	760	1505	7536	7180				
20-24	16197	7482	7200	14682	665	850	1515	8147	8050				
25-29	19314	9044	8276	17320	843	1150	1993	9887	9427				
30-34	21049	10097	8886	18983	933	1133	2066	11030	10019				
35-39	19271	8635	8383	17018	1039	1214	2253	9675	9597				
40-44	16147	6967	7307	14274	921	952	1873	7888	8259				
45-49	14154	6166	6660	12826	673	655	1328	6839	7315				
50-54	12893	5877	6112	11989	467	436	903	6344	6549				
55-59	12400	5743	5927	11670	340	390	730	6083	6317				
60-64	11272	5262	5457	10719	247	307	554	5508	5764				
65-69	8488	3730	4365	8095	200	194	394	3930	4559				
70-74	6112	2469	3397	5866	109	137	246	2579	3534				
75-79	4127	1396	2557	3953	59	115	174	1455	2671				
80-84	2589	736	1748	2484	38	67	105	773	1815				
85+	2279	499	1704	2203	27	50	77	526	1754				
All ages	221600	98942	101743	200685	10098	10914	21012	109040	112657				

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SUSSEX 1987

	TOTAL	WHITE		NONWHITE		NONWHITE		NONWHITE		TOTAL	
		MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 5	10500	5325	5045	10370	63	67	130	5387	5113	5387	5113
5-9	9172	4654	4378	9032	68	71	139	4722	4449	4722	4449
10-14	9716	4950	4639	9589	73	54	127	5023	4693	5023	4693
15-19	10461	5176	5147	10323	89	49	138	5265	5196	5265	5196
20-24	10398	5187	5096	10283	68	47	115	5254	5143	5254	5143
25-29	8645	4328	4247	8575	41	29	70	4369	4276	4369	4276
30-34	9100	4361	4645	9006	38	56	94	4400	4700	4400	4700
35-39	11031	5265	5633	10898	58	76	134	5323	5709	5323	5709
40-44	10520	5162	5229	10391	64	66	130	5226	5294	5226	5294
45-49	7754	3961	3704	7665	45	43	88	4007	3747	4007	3747
50-54	5590	2844	2695	5539	27	23	50	2871	2718	2871	2718
55-59	4942	2467	2434	4901	24	18	42	2490	2452	2490	2452
60-64	4574	2220	2330	4550	14	10	24	2234	2340	2234	2340
65-69	3833	1741	2084	3825	3	6	9	1744	2090	1744	2090
70-74	3062	1291	1759	3050	5	7	12	1296	1766	1296	1766
75-79	2250	852	1389	2241	2	8	10	853	1396	853	1396
80-84	1452	477	969	1446	2	4	6	478	973	478	973
85+	1307	320	981	1301	2	4	6	322	985	322	985
All ages	124300	60582	62404	122986	685	637	1322	61266	63040	61266	63040

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

UNION 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	31106	10924	10315	21239	5003	4864	9867	15927	15179
5-9	28901	10339	9790	20129	4460	4312	8772	14799	14102
10-14	31146	11061	10410	21471	4916	4760	9676	15977	15170
15-19	33633	11975	11669	23644	4866	5124	9990	16840	16793
20-24	37912	13842	13653	27495	4690	5728	10418	18532	19380
25-29	41543	15058	14536	29594	5310	6639	11949	20368	21176
30-34	41208	14931	14658	29589	5307	6312	11619	20238	20970
35-39	37351	13638	13832	27470	4506	5374	9880	18145	19206
40-44	33508	12096	12766	24862	4031	4615	8646	16127	17381
45-49	29345	10510	11571	22081	3411	3852	7263	13921	15423
50-54	27386	10203	11380	21583	2734	3070	5804	12937	14449
55-59	28282	10915	12543	23458	2244	2580	4824	13159	15123
60-64	28496	11381	13338	24719	1716	2061	3777	13097	15399
65-69	25442	9828	12695	22523	1265	1654	2919	11093	14349
70-74	19438	7150	10288	17438	837	1163	2000	7987	11451
75-79	13492	4480	7707	12187	485	820	1305	4965	8527
80-84	7962	2265	4971	7236	226	500	726	2491	5471
85+	6262	1475	4209	5684	144	435	579	1619	4643
All ages	502500	182070	200331	382401	56150	63863	120013	238220	264193

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

WARREN 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	6201	3126	2959	6085	60	57	117	3186	3016
5-9	5567	2809	2652	5461	54	52	106	2863	2704
10-14	5980	2994	2854	5848	60	72	132	3053	2927
15-19	6838	3060	3596	6656	90	92	182	3150	3688
20-24	6836	3309	3422	6731	38	67	105	3346	3489
25-29	6651	3258	3316	6574	43	33	76	3301	3349
30-34	6648	3179	3366	6545	46	56	102	3226	3422
35-39	6695	3221	3387	6608	36	51	87	3257	3438
40-44	6161	2999	3063	6062	42	58	100	3041	3121
45-49	4822	2365	2359	4724	47	52	99	2411	2411
50-54	4141	1983	2077	4060	32	50	82	2014	2127
55-59	4305	2050	2204	4254	24	27	51	2074	2231
60-64	4264	1961	2261	4222	20	21	41	1982	2282
65-69	3937	1686	2194	3880	23	34	57	1709	2227
70-74	3301	1335	1936	3271	6	23	29	1341	1960
75-79	2311	837	1450	2287	10	15	25	847	1465
80-84	1414	449	944	1393	4	17	21	453	962
85+	1139	273	852	1125	4	10	14	277	862
All ages	87200	40893	44893	85786	638	787	1425	41531	45680

Hospitalization 1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Hospitalization 1986

TABLE OF CONTENTS

HOSPITALIZATION	M3
Overview	
Total Discharges	
Referral Source	
Admission Class	
Sex	
Age	
Primary Services	
Discharge Status	
Transfer Destination	
Primary Payer	
Principal Causes	
 TABLES	
1. 1986 Discharge Abstracts Statewide Summary	M6
2. 1985 Discharge Abstracts Statewide Summary	M8
3. 40 Principal Causes of Hospitalization: 1985-86	M10
4. 40 Principal Causes of Hospitalization: 1984-85	M11

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Hospitalization 1986

Overview

All acute care, general and specialty hospitals are required by regulation to submit patient care information to the NJ/DOH in hospital discharge abstract form annually. These data are combined and edited; incomplete or inaccurate records are returned to the hospitals for correction. Thus, processing times required to assemble these data delay the reporting of this information for up to 18 months. The results provided in this section will lag by one year other data presented in the Health Statistics report. Thirteen items from the discharge abstracts are covered below. Information about seven other items may be obtained by contacting the Center for Health Statistics. Data for two calendar years are presented for comparison purposes.

Total Discharges

During calendar year 1986, there was a total of 1,276,785 discharges of patients from licensed New Jersey hospitals. This was a slight increase of 1.5% over 1985. It should not be assumed, however, that total discharges represent only one admission per patient. Patients are sometimes readmitted because of complications that arise after discharge or because of a different illness. Of the total discharges, 1,050,723 or 82.3% represent one admission and discharge for each patient. This was a 103,707 increase (or 11.0%) over 1985. Readmissions associated with a different diagnosis numbered 153,697 cases or 12.0% of all discharges in 1986, down 35.3% from 1985. On the other hand, 5.7% or 72,365 cases in 1986 were readmissions with the same principal diagnosis - down 1.7% from the 1985 level.

Referral Source

The question has often been asked--How do patients get into a hospital (by type of referral source)? The principal method is by direct physician's referral. This represented 59.92% of all cases in 1986, compared to 56.43% for 1985. The second highest referral source was through the emergency room--32.0% for 1986 as compared to 30.1% for 1985.

Admission Class

There was significant change in composition from 1985 to 1986 in Admission Class - the circumstances under which the patient entered the hospital. Emergency and Urgent represented 51.0% - an increase of 1.3% from 1985 with Elective showing 42.9% - compared to 50.3% in 1985.

Sex

Of the total 1,276,785 discharges during 1986, 41.9% were of male patients and 58.1% of female. The ratio of female to male requiring hospitalization has always been higher for women because of maternity admissions. There was no difference between 1985 and 1986 in the ratios.

Race

Looking at patients with regard to race we find that white had the highest percentage with 74.7% and black reporting 15.2%. Hispanics were counted at 6.5%. None of the other race categories registered above the 1% level.

Age

A complete breakdown has been tabulated for each individual age. However, to give a better overview an age cohort grouping for 5-year intervals was made for comparison purposes. A review of the ages based on five year groups indicates that the 5 and under group, which includes infants, presents the highest percentages (12.3%). Table 1 exhibits a slight but distinct shift toward increasing hospitalizations of older persons from 1985 to 1986, as well as the characteristic maternity use rate rise for the ages 20 through 40.

Primary Services

Of the 99 designated classifications of clinical services provided for hospitals the NJ/DOH has mapped them into 10 major primary service groupings. This mapping or grouping permits comparisons in like categories, i.e., Medicine, Surgery, etc. In comparing the 1985 data with 1986, we find a slight difference between some of the categories, but they remain at approximately the same level for all practical purposes. Consequently, changes in relative frequencies between the two periods differed by less than one percentage point. Medicine represented 44.1%; followed by Surgery, 22.1% and Obstetrics, 9.8%. Pediatrics accounted for 4.9%, Pediatrics, 7.7%, Newborn, 3.0%, Psychiatry, 1.0%, Orthopedics, 5.0%, and Dental, 0.5%.

Discharge Status

During 1986, the largest majority of patients were routinely discharged, 91.5%. Transfers to another facility or institution represented 4.4%. There were, however, 1.2% that left against medical advice. Discharge status listed as expired was reported at a level of 2.9%.

Transfer Destination

When a patient is discharged they either go home, expire, or are referred to another facility. By far the majority of patients, about 96.1%, are recorded with no transfer destination, indicating that they have gone home. This was true for 1986 which showed a slight decrease for the 1985 figure of 96.3%. Long Term Care facilities, the second highest group, represented approximately 1.5%, which was the same as in 1985, with Other Acute Care Facilities at 1.1% (14,018), an increase from the 1985 total of 12,596 or 1.0%. Likewise Home Health Agencies indicated only about one-half of a percentage (6,527) for 1986, an increase from the 1985 level of 5,667 or 15.2%.

Primary Payor

The financial health of the hospital sector is determined to a great extent by who is paying for health services. Each third party payor has a unique schedule of reimbursement--in terms of what type of care is covered, the proportion of charges covered and the speed with which reimbursement occurs. Blue Cross had the largest number of people enrolled who used hospitals in 1986 at 31.4%, with Medicare running second at 29.7%. Commercial (or private) insurance companies were third with 15.1% and Medicaid fourth with 8.8%.

Principal Causes for Hospitalization

In 1986 the four principal causes for hospitalization were single live births (102,440), delivery in a normal case (25,256), cataract (24,711), and other acute and subacute forms of ischemic heart disease (22,792). The fifth and sixth causes were heart failure (22,491) and other and unspecified after care (18,986). Acute myocardial infarction was in seventh place in 1986. Inguinal Hernia (17,278) ranked in eighth position. Of the top ten principal causes for hospitalization in 1985, all made the 1986 top ten ranking.

**TABLE-1
NEW JERSEY 1986 DISCHARGE ABSTRACT
STATEWIDE ABSOLUTE AND RELATIVE VALUES**

	<u>ABSOLUTE FREQUENCY</u>	<u>RELATIVE FREQUENCY</u>	<u>AGE GROUPS</u>	<u>ABSOLUTE FREQUENCY</u>	<u>RELATIVE FREQUENCY</u>
TOTAL DISCHARGES	1,276,785	100.00	Under 5	1,276,785	100.00
READMISSIONS			5-9	157,024	12.30
Total Discharges	1,276,785	100.00	10-14	20,919	1.64
One Admission	1,050,723	82.29	15-19	19,793	1.55
Readmission	153,697	12.04	20-24	55,953	4.38
Readmiss-Same DXI	72,365	5.67	25-29	86,363	6.76
TOTAL PATIENT DAYS			30-34	106,079	8.31
Acute Care Unit Days	8,167,711	100.00	35-39	93,997	7.36
	7,173,893	87.83	40-44	73,133	5.73
			45-49	58,886	4.61
ADMISSION CLASS			50-54	53,459	4.19
Emergency & Urgent	1,276,785	100.00	55-59	57,408	4.50
Elective	651,060	50.99	60-64	69,321	5.43
Other	547,567	42.89	65-69	81,019	6.35
	78,158	6.12	70-74	86,313	6.76
SEX			75-79	83,382	6.53
Male	1,276,785	100.00	80-84	73,297	5.74
Female	535,085	41.91	85+	53,222	4.17
	741,700	58.09		47,217	3.70
RACE			TRANSFER DESTINATION		
White	1,276,785	100.00	Other Acute Care	1,276,785	100.00
Black	953,107	74.65	Long Term Care	14,018	1.10
Asian	193,577	15.16	Home Health Agency	19,481	1.53
American Indian	9,690	0.76	Rehabilitation	6,527	0.51
Hispanic	1,149	0.09	Psychiatric	3,368	0.26
Other	83,514	6.54	Intermediate Care	4,433	0.35
	35,748	2.80	Other	2,612	0.20
				1,226,327	96.05

TABLE-1 (Continued)

PRIMARY SERVICE	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY	PRIMARY PAYER	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
Medicine	1,276,729	100.00	Self-Pay	1,276,785	100.00
Surgery	575,688	45.09	Blue Cross	107,136	8.74
Obstetrics	281,785	22.07	Commercial	384,812	31.40
Gynecology	125,311	9.82	Workman's Comp.	184,918	15.09
Pediatrics	62,833	4.92	Medicaid	20,700	1.69
Newborn	98,213	7.69	Medicare	108,166	8.83
Psychiatric	38,296	3.00	Title V	363,673	29.68
Orthopedics	23,960	1.88	Other Government	613	0.05
Dental	64,138	5.02	No Charge	13,570	1.11
Invalid	6,505	0.51	Other	13,118	1.0
	0	0.0		28,654	2.34
REFERRAL SOURCE	1,276,785	100.00	DISCHARGE STATUS	1,276,785	100.0
Thru Emergency Room	408,609	32.00	Routine	1,167,875	91.47
Private Physician	765,09	59.92	Against Medical Advice	15,182	1.19
Outpatient	30,255	2.37	Transfer	56,568	4.43
Other Acute Care	9,325	0.73	Expired - No Autopsy	35,211	2.76
Long Term Care	11,102	0.87	Expired - Autopsy	1,949	0.15
Rehabilitation	595	0.05			
Home Health Agency	1,237	0.10			
Intermediate Care	10	0.0			
Other	50,556	3.96			
PROCEDURES					
TOTAL	2,261,810	100.00			
SURGICAL	1,330,571	58.83			
NON-INVASIVE	931,239	41.17			

TABLE-2

**NEW JERSEY 1985 DISCHARGE ABSTRACTS
STATEWIDE ABSOLUTE AND RELATIVE VALUES**

	<u>ABSOLUTE FREQUENCY</u>	<u>RELATIVE FREQUENCY</u>	<u>AGE GROUPS</u>	<u>ABSOLUTE FREQUENCY</u>	<u>RELATIVE FREQUENCY</u>
TOTAL DISCHARGES	1,258,083	100.00	Under 5	1,258,083	100.00
READMISSIONS			5-9	157,563	12.52
Total Discharges	1,258,083	100.00	10-14	21,967	1.75
One Admission	947,016	75.27	15-19	21,067	1.67
Readmission	237,459	18.87	20-24	57,379	4.56
Readmiss-Same DX1	73,608	5.86	25-29	87,082	6.92
TOTAL PATIENT DAYS			30-34	103,929	8.26
Acute Care Unit Days	8,114,941	100.00	35-39	89,327	7.10
ADMISSION CLASS	7,294,652	89.89	40-44	70,329	5.59
Emergency & Urgent	1,258,083	100.00	45-49	56,826	4.52
Elective	625,562	49.72	50-54	52,224	4.15
	632,521	50.28	55-59	57,911	4.60
SEX			60-64	69,629	5.53
Male	1,258,083	100.00	65-69	80,534	6.40
Female	526,613	41.86	70-74	83,598	6.64
	731,470	58.14	75-79	81,609	6.49
RACE			80-84	70,074	5.57
White	1,258,083	100.00	85+	52,669	4.19
Black	949,927	75.51		44,366	3.53
Asian	187,710	14.92	TRANSFER DESTINATION		
American Indian	8,453	0.67	Other Acute Care	1,258,083	100.00
Hispanic	1,005	0.08	Long Term Care	12,596	1.00
Other	78,744	6.26	Home Health Agency	18,452	1.47
	32,244	2.56	Rehabilitation	5,667	0.45
			Psychiatric	2,749	0.22
			Intermediate Care	4,024	0.32
			Other	2,682	0.21
				1,211,905	96.33

TABLE-2 (Continued)

PRIMARY SERVICE	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY	PRIMARY PAYER	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
Medicine	1,258,083	100.00	Self-Pay	1,222,621	100.00
Surgery	555,187	44.13	Blue Cross	103,282	8.45
Obstetrics	273,494	21.74	Commercial	398,637	32.63
Gynecology	119,796	9.52	Workman's Comp.	177,868	14.56
Pediatrics	69,267	5.51	Medicaid	21,639	1.77
Newborn	104,011	8.27	Medicare	115,522	9.46
Psychiatric	36,832	2.93	Title V	353,393	28.93
Orthopedics	24,049	1.91	Other Government	922	0.08
Dental	67,801	5.39	No Charge	12,457	1.02
Invalid	7,613	0.61	Other	10,490	0.86
	33	0.00		27,411	2.24
REFERRAL SOURCE			DISCHARGE STATUS		
Thru Emergency Room	1,258,083	100.00	Routine	1,258,083	100.00
Private Physician	378,717	30.10	Against Medical Advice	1,158,448	92.08
Outpatient	709,932	56.43	Transfer	13,876	1.10
Other Acute Care	30,192	2.40	Expired - No Autopsy	49,536	3.94
Long Term Care	6,214	0.49	Expired - Autopsy	34,205	2.72
Rehabilitation	9,630	0.77		2,018	0.16
Home Health Agency	539	0.04			
Other	14,291	1.14			
	108,568	8.63			
PROCEDURES					
TOTAL	2,150,898	100.00			
SURGICAL	1,288,265	59.89			
NON-INVASIVE	862,633	40.11			

TABLE-3
NEW JERSEY
TOP 40 PRINCIPAL CAUSES FOR HOSPITALIZATION
1985-1986

ICD CODE	PRINCIPAL CAUSE	TOTAL	
		1985	1986
V30	Single Liveborn	99,098	102,440
650	Delivery in a Normal Case	26,266	25,256
366	Cataract	23,612	24,711
411	Other Acute and Subacute Forms of Ischemic Heart Disease	20,877	22,792
428	Heart Failure	21,530	22,491
V58	Other and Unspecified After Care	17,891	18,986
410	Acute Myocardial Infarction	18,330	17,764
550	Inguinal Hernia	17,431	17,278
486	Pneumonia, Organism Unspecified	15,662	16,297
493	Asthma	15,628	16,201
780	General Symptoms	15,288	15,171
427	Cardiac Dysrhythmias	14,502	15,165
574	Cholelithiasis	13,828	14,370
786	Symptoms Involving Respiratory System & Chest Symptoms	14,163	13,094
558	Other Noninfectious Gastroenteritis and Colitis	12,879	11,882
414	Other Forms of Chronic Ischemic Heart Disease	10,272	11,861
250	Diabetes Mellitus	11,008	11,834
626	Disorders of Menstruation & Other Abnormal Bleeding	12,195	11,270
664	Trauma to Perineum and Vulva During Delivery	10,387	10,981
600	Hyperplasia of Prostate	10,573	10,690
654	Abnormality of Organs and Soft Tissues of Pelvis	9,805	10,508
303	Alcohol Dependence Syndrome	7,406	10,484
634	Spontaneous Abortion	10,038	10,457
722	Intervertebral Disc Disorders	10,223	10,298
635	Legally Induced Abortion	11,700	10,286
850	Concussion	10,525	10,213
592	Calculus of Kidney and Ureter	9,458	9,949
V25	Contraceptive Management	9,889	9,578
474	Chronic Disease of Tonsils and Adenoids	10,063	9,542
644	Early or Threatened Labor	8,997	9,166
434	Occlusion of Cerebral Arteries	8,055	9,067
656	Other Fetal and Placental Problems Affecting Management of Mother	7,820	8,697
466	Acute Bronchitis and Bronchiolitis	8,525	8,575
599	Other Disorders of Urethra and Urinary Tract	7,645	8,337
218	Uterine Leiomyoma	8,279	8,278
682	Other Cellulitis and Abscess	7,947	8,238
296	Affective Psychoses	7,521	8,210
413	Angina Pectoris	8,594	8,200
663	Umbilical Cord Complications	8,082	8,081
295	Schizophrenic Disorders	7,527	8,000

TABLE-4
NEW JERSEY
TOP 40 PRINCIPAL CAUSES FOR HOSPITALIZATION
1984-1985

<u>ICD</u> <u>CODE</u>	<u>PRINCIPAL CAUSE</u>	<u>TOTAL</u>	
		<u>1984</u>	<u>1985</u>
V30	Single Liveborn	94,614	99,098
650	Delivery in a Normal Case	27,111	26,266
366	Cataract	21,126	23,612
428	Heart Failure	22,695	21,530
411	Other Acute and Subacute Forms of Ischemic Heart Disease	18,308	20,877
410	Acute Myocardial Infarction	18,182	18,330
V58	Other and Unspecified After Care	15,146	17,891
550	Inguinal Hernia	17,694	17,431
486	Pneumonia, Organism Unspecified	15,722	15,662
493	Asthma	16,438	15,628
780	General Symptoms	14,697	15,288
427	Cardiac Dysrhythmias	14,619	14,502
786	Symptoms Involving Respiratory System & Chest Symptoms	12,331	14,163
574	Cholelithiasis	14,714	13,828
558	Other Noninfectious Gastroenteritis and Colitis	14,028	12,879
626	Disorders of Menstruation & Other Abnormal Bleeding	12,921	12,195
635	Legally Induced Abortion	11,745	11,700
250	Diabetes Melitus	14,062	11,008
600	Hyperplasia of Prostate	10,177	10,573
850	Concussion	10,489	10,525
664	Trauma to Perineum and Vulva During Delivery	9,705	10,387
414	Other Forms of Chronic Ischemic Heart Disease	9,467	10,272
722	Intervertebral Disc Disorders	9,963	10,223
474	Chronic Disease of Tonsils and Adenoids	10,082	10,063
634	Spontaneous Abortion	9,697	10,038
V25	Contraceptive Management	9,663	9,889
654	Abnormality of Organs and Soft Tissues of Pelvis	9,282	9,805
592	Calculus of Kidney and Ureter	9,204	9,458
644	Early or Threatened Labor	8,023	8,997
413	Angina Pectoris	9,520	8,594
466	Acute Bronchitis and Bronchiolitis	8,255	8,525
218	Uterine Leiomyoma	7,904	8,279
663	Umbilical Cord Complications	7,159	8,082
434	Occlusion of Cerebral Arteries	6,460	8,055
682	Other Cellulitis and Abscess	7,555	7,947
656	Other Fetal and Placental Problems Affecting Management of Mother	6,900	7,820
599	Other Disorders of Urethra and Urinary Tract	7,302	7,645
295	Schizophrenic Disorders	7,090	7,527
296	Affective Psychoses	6,629	7,521
276	Disorders of Fluid, Electrolyte, and Acid-Base Balance	6,453	7,474
303	Alcohol Dependence Syndrome	5,871	7,406

Technical Notes

TAB-N
TECHNICAL NOTES

CENTER FOR HEALTH STATISTICS
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NEW JERSEY DEPARTMENT OF HEALTH

Technical Notes

TABLE OF CONTENTS

TECHNICAL NOTES	II-3
Sources of Data	
Data Quality	
Geographic Classification	
Definition of Rates	
DESCRIPTIVE STATISTICS	II-8
Definitions of rate, ratio, proportion, index	
Frequently employed ratios, rates, etc.	
STATISTICAL FORMULAS	II-16
DEFINITIONS	II-17

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Technical Notes

SOURCES OF DATA

Vital Events

Birth, death, fetal death, and marriage certificates are the basic source documents used for collecting data on vital events occurring to New Jersey residents during the calendar year. Birth, death, and fetal death certificates are completed by hospital personnel, physicians, and funeral directors. Marriage certificates are completed by the person officiating. Copies of the certificates are available from the Bureau of Vital Statistics.

The cut-off date for the submission of vital events data contained in this report is May 1 of the following year. Any data pertaining to an event that occurred during the calendar year, but for which a certificate was filed or changed after May 1, are not included.

Births and deaths of New Jersey residents that occurred in another state are included in this report. The inclusion of these data is made possible by an agreement among all registration areas in the United States for exchange copies of certificates. No marriage certificates are exchanged under this agreement, however.

Population

The population data used in this publication are based in part on data collected by census enumerators during the latest decennial Census of Population and Housing, conducted by the U.S. Bureau of the Census. Every person and housing unit is questioned regarding certain basic demographic information such as age, race, and relationship. Population data for each year following the decennial census are based on the annual estimates released by the NJ Department of Labor, Office of Demographic and Economic Analysis. They assemble data about births and deaths that are provided by the Center for Health Statistics, along with migration data, to update the population figures.

Abortions

The New Jersey Abortion Surveillance Program is a health monitoring system conducted by the Center for Health Statistics within the New Jersey Department of Health. Reporting forms are completed by licensed abortion facilities and are coded and processed by the Center on a monthly basis.

Morbidity

There are two sources of morbidity data in New Jersey. Certain communicable diseases are required by law to be reported to the Department. Various programs throughout the Department of Health collect these data. Each program forwards a copy of their data to the Center for Health Statistics on an annual basis. The other source of morbidity data is hospital discharge data forms. The medical discharge abstract data forms are designed by the Center and completed by all licensed hospitals, general and specialty, for every inpatient service episode. The format of these forms emphasizes clinical information, not cost or charges. These data are submitted to the Center quarterly and are analyzed annually.

Divorces

Divorce and annulment data are compiled from transmittal documents that are received from records maintained by the Office of the Administration of the Courts. Copies of these records are forwarded to the Center for Health Statistics annually for inclusion in this report.

Accidents

Only accidents resulting in deaths are covered in this report. The causes of fatal accidents are obtained from the death certificates.

DATA QUALITY

Vital Events

The quality of these data is directly related to the completeness and accuracy of the information contained on the vital certificates. The NJ/DOH works to ensure that the information received is as complete and accurate as possible; it maintains two major program operations related to improving the quality of information received on vital certificates.

The query program is a system used to follow up with local registrars, hospital personnel, funeral directors, and/or physicians, concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and computer editing procedure.

The field program improves vital certificate data quality by educating the participants in the vital registration system, e.g., hospital personnel, funeral directors, local registrars, and physicians, of the uses and importance of vital statistics data. For example, seminars are conducted with direct participation of these individuals and various associations. Also, the NJ/DOH field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors New Jersey's coding of birth and death data. NCHS has established a two percent upper limit for coding difference involving any one item, with the exception of cause of death. A five percent limit is established for this item because of the complexity of the coding process. For additional information regarding coding quality levels for New Jersey or other states contact the National Center for Health Statistics, Technical Services, Division of Vital Statistics, Research Triangle Park, North Carolina.

Population

While it is impossible to completely eliminate error from an operation as large and complex as the decennial census, the U.S. Bureau of the Census attempts to control errors during collection and processing operations through record checks and re-checks, post-enumeration follow-back, quality control checks during processing, and the installation of special coding procedures for nonresponses to questions on the census questionnaire. For further details regarding the quality controls on U.S. Census data, refer to Starsinic, Donald E., "Evaluation of Population Estimation, Procedures for Statistics, 1980: An Interim Report." Current Population Reports Series P-25, No. 933, issued June 1983, page 2.

The NJ/DOH controls the quality of the birth and death data supplied to the NJ/DOL as described above. Contact the NJ/DOL for further details regarding their control over migration data quality.

Abortions

Abortion data are collected only from clinics, not private physicians. Thus, only a portion of all legal abortions in New Jersey are included. The quality of these data are maintained by computer edits performed on all data submitted and by clerical review of all records for obvious errors. Queries are made to the providers to correct the abortion information prior to issuing this report.

Morbidity

Reportable diseases are monitored for completeness by the Communicable Disease Control Services Program under the Division of Epidemiology and Disease Control. A manual tracking system is in place that checks and double checks all information received by the Communicable Disease Control Unit. Any errors detected are corrected before the data are released. All data are actual counts.

Two measurements are used in assessing the accuracy and quality of the medical discharge abstracts data. The first relates directly to the data contents of the data tapes, which are evaluated for completeness, consistency, and overall levels of error. All errors detected are reviewed and levels of severity established in terms of rates of error relative to all data that are received. The second measure tracks the completeness and correctness of coding. This measure is based upon a direct comparison of the records maintained by the facility to the abstract data submitted to the Department.

Divorces

Divorce data are obtained directly from the New Jersey Department of Justice Court Records Summary Statistics. Records are processed and run through an extensive set of edit checks by the NJ/DOJ. No further checks on data quality are performed by the Center for Health Statistics on divorce data obtained from the NJ/DOJ.

GEOGRAPHIC CLASSIFICATION

Vital Events

Vital events can be classified geographically in two ways, by place of residence or place of occurrence. Throughout this report state, county and minor civil division (MCD) where the person affected resides is used to classify vital events. For example, the usual residence of the mother, in the case of a newborn, or the decedent, in the case of death, is used. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are classified by the residence of the mother. While occurrence statistics have both administrative value and statistical significance, residence statistics are by far the more useful tool when constructing health indices for planning and evaluation purposes. For instance, the vital statistics residence data are used to determine the "natural increase" component of the state's population estimates provided by the NJ/DOL. The only exception to the use of place of residence for geographical classification in this report relates to marriages and divorces. County breakdowns of these data describe where the marriage or divorce took place.

It should be noted that the allocation of vital events by place of residence is not always straightforward. For various reasons, a person's statement of their residence may be incorrect or incomplete. For example, mailing addresses often differ from the actual residence. When the mailing address of an unincorporated or local name place is given as the place of residence, it may prove impossible to allocate the event to the correct MCD. Postal zip codes are used for cross reference when the correctness of residence is in question. Note, this problem affects primarily MCD classification. Resident counts for the state and counties are substantially correct.

Population

The error associated with residence is almost nonexistent in the 1980 Census of Population and Housing data, since this census involved on-site enumeration of both population and housing units. County boundaries legally defined and in effect as of January 1, 1980 were recognized in the 1980 census. Census data are also available from the NJ/DOL Office of Demographic and Economic Analysis for geographic areas not represented in this publication, such as census tracts and enumeration districts. Townships that are incorporated in the state of New Jersey are included as MCDs.

Abortions

City and zip code of the abortion recipient are recorded on the reporting form submitted to the Center for Health Statistics. No verification is performed on the patient's report. A postal zip code notification program has been installed in the computer/edit phase to verify the MCD.

Since abortion surveillance began, 78% to 85% of all reported abortions performed at in-state facilities have been on New Jersey residents. The NJ/DOH is unable at this time to obtain detailed data on New Jersey residents receiving an abortion in other states or at physician's offices. The data compiled by the Center for Health Statistics include only those data on residents receiving abortions at licensed facilities within the State.

Morbidity

Control is maintained over the geographic location coding for both reportable diseases and medical discharge abstracts data. Systems have been developed to insure correct reporting of resident codes. In addition, a postal zip code verification program has been installed in the computer edit phase of data processing to identify mistakes.

DEFINITION OF RATES

Absolute counts of health-related events do not readily lend themselves to analysis and comparison between years and various geographic areas because of population size differences. In order to compare the health status of populations that differ in size, the absolute number of events is converted to a relative number, such as the probability of living or dying expressed as a rate, a ratio, or an index. This conversion is made by relating the crude number of events happening to the living population at risk in a particular area at a specified time to the size of the same population.

In interpreting the causes of differences in vital statistics rates, consideration should be given to the many ways in which two or more groups differ, for example, demographic differences such as age, sex, and ethnicity. Further adjustment of the crude or overall rates presented in this report may be required to properly describe why rates of births or disease differ between populations the reader may wish to compare.

DESCRIPTIVE STATISTICS:
RATES, RATIOS, PROPORTIONS, AND INDICES*

- A. **RATE:** A rate measures the frequency of occurrence of some particular event. A rate is of the form:

$$\frac{x}{y} \times k$$

where

x = number of times an event has occurred during a specific interval of time,

y = number of persons exposed to the risk of the event during the same interval, and

k = some round number (100, 1,000, 10,000, 100,000, etc.) or base, depending upon the relative magnitude of x and y.

1. **MORBIDITY RATES:** Morbidity rates measure the frequency of illness within specific populations. Time and place must always be specified. The most commonly used morbidity rates include point prevalence, period prevalence, incidence, and attack rate as shown in Table E.

a. **PREVALENCE:** Prevalence measures the frequency of all current cases of disease (old and new) and is of two types:

(1) **POINT PREVALENCE:** Point prevalence measures the frequency of all current cases of a disease (old and new) at a given instant in time.

(2) **PERIOD PREVALENCE:** Period prevalence measures the frequency of all current cases of disease (old and new) for a prescribed period of time.

b. **INCIDENCE:** Incidence measures the rapidity with which a disease occurs or the frequency of addition of new cases of a disease. These new cases of a disease occur either through onset of the disease on current members of the population or by immigration of persons already ill into the population. Incidence is always calculated for a given period of time.

c. **ATTACK RATE:** An attack rate is an incidence rate usually expressed as a percent, used for particular populations, and observed for limited periods of time, as in an epidemic.

*NOTE: This section and the accompanying Table E are from: Vital and Health Statistics: Techniques of Community Health Analysis, published in 1978 by the Center for Disease Control, U.S. Department of Health and Human Services.

2. MORTALITY RATES: Mortality rates measure the frequency of deaths within specific populations and are calculated for a given time interval and place. Several general and specific formulae are used to describe mortality as shown in Table E.

3. NATALITY RATES: Natality rates measure the frequency of births (birth rates) and the probability of births (fertility rates) within specific populations and are calculated for a given time interval and place. Some frequently used natality rates and ratios are shown in Table E.

B. RATIO: A ratio is the expression of the relationship between a numerator and denominator that may involve either an interval in time or may be instantaneous in time. The ratio is of the form:

$$x : y \quad \text{or} \quad \frac{x}{y} \quad x \quad k$$

where

x = number of events or items counted and not necessarily a portion of y,

y = number of events or items counted and not necessarily a population of persons exposed to the risk, and

k = a base, as in the case of a rate, but usually 1 or 100 for the purpose of expressing ratios.

C. PROPORTION: A proportion is an expression in which the numerator is always included in the denominator, and the values vary between zero and one. A proportion may be expressed as a percent by multiplying by 100.

D. INDEX: An index is the best available approximation to a true rate. An approximation is needed when the number at risk (denominator) cannot be counted directly. Then, some other variable that can be counted is substituted to estimate the number at risk.

For example, in order to calculate a maternal mortality rate, we should, strictly speaking, divide the number of deaths assigned to deliveries and complications of pregnancy, childbirth, and the puerperium by the total number of pregnancies occurring in a specified time interval. Since we are unable to count the total number of pregnancies, we substitute the number of registered live births; this figure serves as an estimate of the number of pregnancies. The resulting maternal mortality rate is therefore not a rate at all in the strict sense, but is nevertheless a useful index which gives an impression of the risk of dying associated with pregnancy.

TABLE E

FREQUENTLY USED RATES, RATIOS, PROPORTIONS, AND INDICES
USED FOR DESCRIBING NATALITY, MORBIDITY, AND MORTALITY

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
<u>NATALITY</u>				
1.	<u>Birth Rate</u>			
	Crude; specific for age of mother, sex of child, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated mid-interval population	1,000
2.	<u>Fertility Rate</u>			
	(a) <u>Theoretical Purposes</u>	Number of live births reported during a given time interval from mothers aged 15-44 years	Estimated number of women in age group 15-44 years at mid-interval	1,000
	(b) <u>Current Usage</u>			
	Crude; specific for age of mother, race, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated number of women in age group 15-44 years at mid-interval	1,000
3.	<u>Low Birth Weight Ratio</u>			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of live births under 2,500 grams (or 5½ lbs.) during a given time interval	Number of live births reported during the same time interval	100

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
<u>MORBIDITY</u>				
4.	<u>Incidence Rate</u>	Number of new cases of a specified disease reported during a given time interval	Estimated mid-interval population	Variable: 10^x where $x = 2, 3, 4, 5, 6,$
5.	<u>Attack Rate</u>	Number of new cases of a specified disease reported during a specific time interval	Total population at risk during the same time interval	Variable: 10^x where $x = 2, 3, 4, 5, 6,$
6.	<u>Point Prevalence Rate (Ratio)</u>	Number of current cases, new and old of a specified disease existing at a given point in time	Estimated population at the same point in time	Variable: 10^x where $x = 2, 3, 4, 5, 6,$
7.	<u>Period Prevalence Rate (Ratio)</u>	Number of current cases, new and old, of a specified disease occurring during a given time interval	Estimated mid-interval population	Variable: 10^x where $x = 2, 3, 4, 5, 6,$

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
<u>MORTALITY</u>				
8.	<u>Crude Death Rate</u> Crude; specific for age, race, sex, socioeconomic area, etc.	Total number of deaths reported during a given time interval	Estimated mid-interval population	1,000
9.	<u>Cause-specific Death Rate</u> or <u>Cause of Death Rate</u> Crude by cause; specific for age, race, sex, socioeconomic area, etc.	Number of deaths assigned to a specific cause during a given time interval	Estimated mid-interval population	100,000
10.	<u>Cause-Specific Death Ratio</u> or <u>Cause of Death Ratio</u> or <u>Proportional Mortality Ratio</u> Crude by cause; specific for age, race, sex, socioeconomic area, etc.	Number of deaths assigned to a specified cause during a given time interval	Total number of deaths from all causes reported during the same interval	100 or 1,000
11.	<u>Case Fatality Rate (Ratio)</u> <u>Death-to-Case Ratio</u> Crude; specific for age, race, sex, socioeconomic area, etc.	Number of deaths assigned to a specified disease during a given time interval	Number of new cases of that disease reported during the same time interval	100

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
12.	(a) <u>Fetal Death Rate I</u>	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) <u>Fetal Death Rate II</u>	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
13.	(a) <u>Fetal Death Ratio I</u>	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000
	(b) <u>Fetal Death Ratio II</u>	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
14.	(a) <u>Perinatal Mortality Rate I</u>	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under seven days of life during the same time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) <u>Perinatal Mortality Rate II</u>	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under 28 days of life during the same time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births reported during the same time interval	1,000
15.	<u>Infant Mortality Rate</u>	Number of deaths under 1 year of age reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
16.	<u>Neonatal Mortality Rate</u>	Number of deaths under 28 days of age reported during a given time interval	Number of live births reported during the same time interval	1,000
17.	<u>Postneonatal Mortality Rate</u>	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval less the number of deaths under 28 days of age	1,000
	(a) <u>Theoretical Purposes</u>			
	(b) <u>Current Usage</u>	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval	1,000
18.	<u>Maternal Mortality Rate</u>	Number of deaths assigned to causes related to pregnancy during a given time interval	Number of live births reported during the same time interval	10,000

SELECTION OF STATISTICAL FORMULAS USED IN THIS REPORT FOR COMPUTING
BIRTH, DEATH AND MORBIDITY RATES

Crude Birth Rate - see Table E, No. 1.

Fertility Rate - see Table E, No. 2(a).

Crude Death Rate - see Table E, No. 8.

Infant Mortality Rate - see Table E, No. 15.

Neonatal Mortality Rate - see Table E, No. 16.

Fetal Death Rate - see Table E, No. 13(b).

Perinatal Mortality Rate - see Table E, No. 14(b).

Maternal Mortality Rate - see Table E, No. 18.

Specific Cause-of Death-Rate - see Table E, No. 9.

Age-Specific Death Rate - Expressed per 100,000 population in a specified age group,

$$\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Midyear Population Estimate for the Same Age Group}} \times 100,000.$$

Morbidity Rate - Expressed per 100,000 (10,000 or 1,000) population,

$$\frac{\text{No. of Reported Cases of a Given Disease}}{\text{Midyear Population Estimate}} \times 100,000 \text{ (10,000 or 1,000),}$$

which is analogous to a period prevalence rate covering only cases reported to the NJ/DOH.

DEFINITIONS

ABORTION

premature expulsion or removal from the uterus of the products of conception (the embryo or nonviable fetus).

ACCIDENT

that occurrence in a sequence of events which usually produces unintended injury, death or property damage.

ACCIDENT TYPE

describes the occurrence leading to injury or property damage.

AGE-SPECIFIC MORTALITY RATE

the number of deaths of a given age group per 100,000 estimated persons in that age group usually expressed as an annual rate.

AGENCY OR AGENT

the principal object such as tool, machine or equipment in the accident and is usually the object inflicting injury or property damage.

APGAR SCORE

composite measure used to evaluate the newborn infant's general condition. Apgar scores are given one and five minutes after birth. Heart rate, respiratory, effort, color, muscle tone and reflexes are checked and evaluated. Each factor receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of ten is optimum.

ASSOCIATED CAUSE OF DEATH

condition other than the underlying cause of death which may have contributed to the death.

BIRTH RATE

the number of live births per 1,000 population.

BIRTHWEIGHT

weight of fetus or infant at time of delivery (normally recorded in pounds and ounces or in grams).

CAUSE GROUP

a summary of deaths resulting from or cases of, related diseases as defined by the International Classification of Diseases adapted for use in the United States, published by the U.S. Department of Health, and Human Services; usually specified by a series of 3-digit codes; i.e. 140-208 malignant neoplasms.

DAY

(motor vehicle accidents) is the time interval between sunrise and sunset.

<u>DEATH RATE</u>	the number of deaths per 100,000 population.
<u>DEATH FROM ACCIDENT</u>	a death which occurs within one year of the accident.
<u>DELIVERIES</u>	live births plus reported fetal deaths.
<u>DISABLING INJURY</u>	an injury causing death, permanent disability, or any degree of temporary total disability beyond the day of the accident.
<u>ESTIMATED POPULATION</u>	the estimated number of persons in a given group based on the latest census data and adjusted for annual births, annual deaths and net migration.
<u>FATAL ACCIDENT</u>	an accident which results in one or more deaths within one year.
<u>FERTILITY RATE</u>	the number of live births to women aged 15-44 per 1,000 women in this age group, usually expressed as an annual rate.
<u>FETAL DEATH</u>	death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
<u>FETAL DEATH RATE</u>	the number of fetal deaths occurring in the twentieth week of gestation or later (required by law to be registered as fetal deaths) per 1,000 live births, usually expressed as an annual rate.
<u>FIRST TRIMESTER</u>	first twelve weeks of pregnancy, as determined by the history given by the patient considered in conjunction with the physician's estimation of length of pregnancy by clinical examination of the size of the uterus (NJAC 8:40-4.1).
<u>HOME</u>	a dwelling and its premises within the property lines, including in addition to the usual single-family dwellings and apartment houses, duplex dwellings, boarding and rooming houses and seasonal cottages. Excluded from homes are barracks, dormitories, and resident institutions.

HOMICIDE

the act of one person who kills another, includes deaths from injuries purposely inflicted by other persons, deaths from injuries resulting from intervention by law enforcement officers and deaths caused by legal execution.

HOSPITAL

health care facility licensed as a hospital in accordance with the statutes of New Jersey.

HYSTERECTOMY

excision of the uterus.

HYSTEROTOMY

incision of the uterus to remove the fetus before viability.

ILLEGITIMATE BIRTHS

a birth to an unwed woman, or to a woman whose husband did not father the infant.

ICD-9 CODE

a listing of disease classification known as the "Ninth Revision International Classification of Diseases Adapted for Use in the United States," published by the United States Department of Health and Human Services, used in the statistical coding and tabulation of specific disease morbidity and mortality.

IMMATURE BIRTH

a live birth weighing 2,500 grams (5 Lbs. 8 oz.) or less.

INCIDENCE RATE

incidence is the number of occurrences of an event, such as the number of new cases of tuberculosis.

incidence rate is expressed in terms of the population in which the event occurs within a specified time period.

incidence rates are usually expressed as representing the cases per 100,000 population per year.

INFANT DEATH

death occurring to live born individual of less than 1 year of age.

INFANT MORTALITY RATE

the number of infant deaths per 1,000 live births, usually expressed as an annual rate.

LEGITIMATE BIRTH

a birth to a married woman whose husband fathered the infant.

LIVE BIRTH

a live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration and pregnancy, which after such separation, breaths or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

MATERNAL DEATHS

those wherein the physician has designated a maternal condition as the underlying cause of death.

MATERNAL MORTALITY RATE

the number of maternal deaths per 10,000 live births, usually expressed as an annual rate.

MINOR CIVIL DIVISION

New Jersey Minor Civil Divisions (MCD) are legally incorporated political subdivisions and are the local level of civil government. The various cities, municipalities, townships, villages, and towns encompass all areas of the state. They are mutually exclusive, i.e., no one MCD overlaps another, even though it may surround another.

MORTALITY

the number of deaths per a specified number of people.

MOTOR VEHICLE

any mechanically or electrically powered device (except one moved by human power), not operating on rails, upon which or by which any person or property may be transported upon a land highway. The load on a motor vehicle, or trailer attached to it, is considered part of the vehicle. Tractors and motorized machinery are included while self-propelled in transit or used for transportation. Also included are motor scooters, motorized bicycles and snowmobiles.

MOTOR VEHICLE ACCIDENT

any accident involving a motor vehicle in transport (in motion, in readiness for motion, or on roadway, but not parked in a designated parking area) that results in death, injury or property damage.

MOTOR VEHICLE TRAFFIC ACCIDENT

a motor vehicle accident which occurs on a trafficway -- a way or place, any part of which is open to the use of the public for purposes of vehicular traffic.

MOTOR VEHICLE NONTRAFFIC ACCIDENT

any motor vehicle accident which occurs entirely in any place other than a trafficway.

NEONATAL

of, relating to, or affecting the newborn and especially the human infant during the first month of life.

NEONATAL DEATH

live born infant who dies before completing four weeks (28 days) of life.

NEONATAL MORTALITY RATE

as used in this text, the number of deaths of infants under 28 days of age per 1,000 live births, per year.

NIGHT

(motor vehicle accident) is the time interval between sunset and sunrise.

NONFATAL INJURY ACCIDENT

an accident in which at least one person is injured and no injury terminates fatally.

NONMOTOR VEHICLE

any vehicle other than a motor vehicle, except a scooter, wheelchair, roller skates, ice skates, skis, baby carriage, and similar means of transportation; persons using these latter means of transportation are considered pedestrians.

OCCURRENCE DATA

data classified by place where event occurred, regardless of the person's place of residence (marriages, divorces).

OUTPATIENT ABORTION FACILITY

licensed health care facility other than a hospital in which abortion procedures are performed.

OUT-OF-WEDLOCK BIRTH

birth wherein there is no marital tie between mother and father.

PEDACYCLE

a vehicle propelled by human power and operated solely by pedals, excludes mopeds.

PEDESTRIAN

any person who is not in or upon a motor vehicle or non motor vehicle (see definition of motor vehicle) included as pedestrians are persons using a coaster wagon, child's tricycle, roller skates, etc. Excluded are persons boarding, alighting, jumping or falling from a motor vehicle in transport.

PERINATAL

of, relating to, or affecting the fetus and the newborn, especially the human infant during the first month of life.

PERINATAL MORTALITY RATE

number of deaths of infants less than 28 days of age (Neontal Deaths), and registered fetal deaths of 20 weeks or more gestation per 1,000 live births plus registered fetal deaths.

PERMANENT DISABILITY

(synonymous with permanent impairment) includes any degree of permanent impairment of the body, such as amputations, permanent impairment of vision and other permanently crippling nonfatal injury ranging from the permanent suffering of a joint or a finger amputation, to permanent, complete crippling.

PREMATURE BIRTHS

products of conception weighting less than five pounds, nine ounces (2,500 grams or less) at delivery or expulsion.

PROPERTY DAMAGE ACCIDENT

an accident which results in property damage, but in which no person is injured.

PROSTAGLANDIN

a class of drugs used to induce a second-trimester abortion; usually injected into the uterine cavity by a needle inserted through the abdominal wall or introduced as a vaginal suppository.

PUBLIC ACCIDENT

any accident other than motor-vehicle that occurs in the public use of any premises, includes deaths in recreation (swimming, hunting, etc.) transportation except motor-vehicle, public buildings, etc. and deaths from widespread natural disasters even though some may have happened on home premises. Excludes accidents to persons in the course of gainful employment.

RACE

(as relates to birth certificate) race for mother, father or as stated on the certificate. Race of child is determined from the race of the parents.

RACE-SPECIFIC MORTALITY RATE

number of deaths in a given race group per 100,000 estimated population in that ethnic group.

RATE

a rate measures the frequency of occurrences of some particular event. A rate is of the form: $\frac{x}{y} \times k$

Where

x = number of times an event has occurred during a specific interval of time.

y = number of persons exposed to the risk of the event during the same interval.

k = some round number (100; 1,000; 10,000; 100,000; etc.) or base, depending upon the relative magnitude of x and y.

RESIDENCE

usual place of residence of person to whom event occurred. For births and fetal deaths, residence is defined as the mother's place of residence.

RURAL

(for motor vehicle reporting) includes places of less than 5,000 inhabitants, except those classified as urban by the U.S. Census Bureau.

SALINE INSTILLATION

second-trimester method of induced abortion usually performed at or after 16 weeks of pregnancy by instilling a concentrated salt solution into the amniotic sac by a needle inserted through the abdominal wall.

SECOND AND THIRD TRIMESTERS

pregnancy of 13 or more weeks as determined by the history given by the patient, the physician's findings or clinical examination of the size of the uterus before the abortion, and/or the size of the fetus as examined after the abortion (NJAC 8:40-4.1).

SEX-SPECIFIC MORTALITY RATE

number of deaths of males/females per 100,000 estimated males/females in the population.

SHARP CURETTAGE

dilation of cervix and removal of the product of conception by a semi-sharp spoon-shaped instrument.

SUCTION CURETTAGE

dilation of cervix and removal of the product of conception by a vacuum method.

SUICIDE

the act or an instance of taking one's own life voluntarily and intentionally.

TEMPORARY TOTAL DISABILITY

an injury which does not result in death or permanent disability, but which renders the injured person unable to perform regular duties on one or more full calendar days after the day of the injury.

TRIMESTERS

1st - first 12 weks of pregnancy
2nd - second 12 weeks of pregnancy
3rd - period after first 24 weeks of pregnancy

UNDERLYING CAUSE OF DEATH

that condition giving rise to the chain of morbid events leading to death, or the circumstances of the accident or violence that produced the fatal injury.

URBAN

(for motor vehicle reporting) includes place of 5,000 or more inhabitants, and the towns, townships and other areas classified as urban by the U.S. Census Bureau.

WORK HOURS

are the total number of hours worked by all employees. They are usually compiled for various levels, such as an establishment, a company or an industry. A work hour is the equivalent of one employee working one hour.

WORK INJURIES

(including occupational diseases) are those which arise out of and in the course of gainful employment regardless of where the accident occurs. Excluded are work injuries to domestic servants and injuries occurring in connection with farm chores which are classified as home injuries.

WORKERS

are all persons gainfully employed, including owners, managers, other paid employees, the self-employed, and unpaid family workers, but excluding domestic servants.

Index

1987

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

**TABLE INDEX
BY
SUBJECT AND TABLE NUMBER**

HIGHLIGHTS - TAB A

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Resident Births, Marriages and Deaths	A-8
2.	Resident Births by Sex, Race, Legitimacy	A-9
3.	Resident Births by Maturity	A-10
4.	Resident Births by Age of Mother	A-11
5.	Marriages, Previous Marital Status and Average Age	A-12
6.	Deaths by Sex and Race	A-13
7.	Infant, Fetal, Neonatal and Perinatal Deaths	A-14
8.	Deaths by Suicide and Homicide	A-15
9.	Deaths from Heart Disease, Cancer, all Accidents and Diabetes	A-16
10.	New Jersey Deaths from Cerebrovascular Diseases by Sex and Age	A-17
11.	Principal Causes of Death by Age	A-18
12.	TB Morbidity and Mortality	A-20
13.	Syphilis by Stage and Gonorrhea	A-21
14.	Syphilis by Stage/Gonorrhea by Age and Sex	A-22
15.	Summary of Notifiable Diseases	A-23

HISTORICAL PERSPECTIVE - TAB B

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Vital Statistics of the U.S.	B-8
2.	Vital Statistics of the U.S.: Rates per 1,000 population	B-8
3.	Average Length of Life in Years by Race and Sex	B-9
4.	New Jersey Vital Statistics Summary	B-10
5.	New Jersey Mortality Statistics	B-11
6.	New Jersey Vital Statistics 1940-1985	B-12
7.	US/NJ Selected Causes of Deaths	B-13
8.	Principal Causes of Death, All Ages	B-14

CHARTS

I.	Trends in Communicable Diseases 1960 to 1987	B-15
II.	Five Leading Causes of Death 1970 to 1987	B-16
III.	Infant Mortality 1980 to 1987	B-17
IV.	Diagnosed New Jersey AIDS Cases By Year	B-18
V.	N.J. AIDS Cases By Lifestyle Risk Factors	B-19

RESIDENT BIRTHS - TAB C

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Race and Legitimacy: State 1973-1987	C-10
2.	Age, Race, Sex	C-11
3.	Legitimacy, Race, and Age of Mother	C-12
4.	Month Pregnancy Prenatal Care Began by Age of Mother and Race	C-13
5.	Birth Weight Groups By Age and Race	C-14
6.	Apgar Score By Age of Mother and Race	C-15
7.	Birth Weight, Apgar Score By Age of Mother	C-16
8.	Birth Weight, Apgar Score By Race	C-17
9.	Birth Weight, Apgar Score By Month of Prenatal Care	C-18
10.	Birth Weight, Apgar Score By Previous Number of Pregnancy Terminations	C-19
11.	Previous Number of Live Births By Age of Mother	C-20
12.	Previous Number of Live Births By Educational Level of Mother	C-21
	<u>COUNTIES</u>	
13.	Race and Sex	C-22
14.	Legitimacy and Race	C-23
15.	Age of Mother	C-24
16.	Month Prenatal Care Began and Visits	C-25
17.	Birth Weight Groups	C-26
18.	Apgar Score	C-27
19.	Attendant and Race	C-28
20.	Month of Birth	C-29
21.	Plurality	C-30
	<u>MUNICIPALITIES</u>	
22.	Sex, Race and Legitimacy	C-31

MORTALITY - TAB D

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Mortality By Race, Sex and Age	D-13
2.	Resident Deaths--By Cause Group and Age, Race, Sex	D-14
3.	Resident Deaths--Malignant Neoplasms By Age Group	D-26
4.	Resident Deaths--Malignant Neoplasms By Race and Age	D-27
5.	Resident Deaths--By Cause and County	D-28
6.	Resident Deaths By Month	D-34
7.	Resident Deaths--By County and Age	D-35
8.	Resident Deaths--By County, Sex and Age	D-36
9.	Resident Deaths--By County, Race and Age	D-39
10.	Resident Deaths--Maternal, Infant, Perinatal, Neonatal and Fetal	D-43
11.	Resident Deaths--By Place of Residence and Age	D-47
12.	Resident Deaths--By Place of Residence Sex and Age	D-70

MARRIAGES/DIVORCES - TAB E

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Estimated Average Age at Marriage and Previous Marital Status	E-6
2.	Marriages--By County, Sex, Previous Marital Status, and Average Age	E-7
3.	Marriages--By Previous Marital Status of Husband and Previous Marital Status of Wife	E-8
4.	Marriages--By Age of Husband and Age of Wife	E-9
5.	Marriages--By Age of Husband at First Marriage and Age of Wife	E-10
6.	Marriages--By Age of Husband and Age of Wife at First Marriage	E-11
7.	Divorces--By County of Origin	E-12
8.	Divorces--By Month of Occurrence	E-13

MUNICIPALITY GROSS SUMMARY - TAB F

<u>TITLE</u>	<u>PAGE</u>
STATE SUMMARY	F-4
ATLANTIC	F-5
BERGEN	F-6
BURLINGTON	F-9
CAMDEN	F-11
CAPE MAY	F-13
CUMBERLAND	F-14
ESSEX	F-15
GLOUCESTER	F-16
HUDSON	F-17
HUNTERDON	F-18
MERCER	F-19
MIDDLESEX	F-20
MONMOUTH	F-21
MORRIS	F-23
OCEAN	F-25
PASSAIC	F-26
SALEM	F-27
SOMERSET	F-28
SUSSEX	F-29
UNION	F-30
WARREN	F-31

FERTILITY - TAB G

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Births and Fertility Rate, US	G-6
2.	Births and Fertility Rate, NJ	G-7
3.	Number of Births to Women 15-44 Years	G-8
4.	Female Population 15-44	G-8
5.	Total Fertility, Age Specific	G-8

ABORTIONS - TAB H

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Characteristics of Women Receiving Abortions	H-8
2.	Abortions By County of Residence, Race and Age	H-10
3.	Percent Distribution By Age, Race, Marital Status, Gestation and Type of Facility	H-11
4.	Abortions By Age, Race, Primary Procedure, and Length of Gestation	H-12
5.	Percent Distributions by Race, Marital Status and Age	H-13
6.	Abortions By Age, Race, Marital Status, and Prior Abortions	H-14
7.	Abortions By Prior Number of Abortions and Prior Number of Live Births	H-15
8.	Abortions By Prior Number of Live Births, Race and Marital Status	H-16

COMMUNICABLE DISEASES - TAB I

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	TB Cases and Deaths: 1962-1986	I-9
2.	TB Morbidity and Mortality	I-10
3.	Cases of Syphilis and Gonorrhea: 1967-1986	I-11
4.	Cases of Syphilis and Gonorrhea by County	I-12
5.	Syphilis and Gonorrhea By Stage, Age, and Sex	I-13
6.	Notifiable Diseases by County	I-14
7.	Hepatitis Cases by Age and Sex	I-15
8.	AIDS Cases and Deaths by County: 1985-1986	I-16
9.	AIDS Cases and Deaths by Sex and Race: 1985-1986	I-17

ACCIDENT REPORTS - TAB J

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Deaths by Type Classification in Any Location or Specific Setting 1986-1987	J-7
2.	Accidental Deaths by Type 1986-1987	J-7
3.	Accidental Deaths by Type 1974-1987	J-8
4.	Motor Vehicle Deaths 1986-1987	J-10
5.	Deaths In the Home 1986-1987	J-10
6.	Public Nonmotor Vehicle Deaths	J-11
7.	Deaths At Work 1986-1987	J-11
8.	Deaths By Occurrence, Percent By Age Group, 1986	J-12
9.	Deaths By Occurrence, Percent By Age Group, 1987	J-13

POPULATION - TAB K

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	Population by Age and Sex, U.S., New Jersey, New York, and Pennsylvania	K-10
2.	Population by County, Sex, Race and Age	K-11
3.	Population by County and Age Group	K-12
4.	Population Estimates for Counties (1980, 1986-1987)	K-13
5.	Components of Change in Resident Population by County - 1980-1987	K-14
6.	Population Estimates for Counties and Selected Places	K-15
7.	Resident Population 65 and Older	K-16

RELATED REPORTS

STATE AND COUNTY POPULATION ESTIMATES - TAB L

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	New Jersey	L-4
2.	Atlantic	L-5
3.	Bergen	L-6
4.	Burlington	L-7
5.	Camden	L-8
6.	Cape May	L-9
7.	Cumberland	L-10
8.	Essex	L-11
9.	Gloucester	L-12
10.	Hudson	L-13
11.	Hunterdon	L-14
12.	Mercer	L-15
13.	Middlesex	L-16
14.	Monmouth	L-17
15.	Morris	L-18
16.	Ocean	L-19
17.	Passaic	L-20
18.	Salem	L-21
19.	Somerset	L-22
20.	Sussex	L-23
21.	Union	L-24
22.	Warren	L-25

HOSPITALIZATION IN NEW JERSEY - TAB M

<u>TABLES</u>	<u>TITLE</u>	<u>PAGE</u>
1.	1986 Discharge Abstracts Statewide Summary	M-6
2.	1985 Discharge Abstracts Statewide Summary	M-8
3.	40 Principal Causes of Hospitalization: 1985-86	M-10
4.	40 Principal Causes of Hospitalization: 1984-85	M-11