County Chartbook
of Social & Health Indicators

Hudson County, New Jersey

DAS - DHS

ACKNOWLEDGMENTS

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Introduction

Assessing the well-being of community health through social indicators has been a long-standing concern to the Center for Substance Abuse Treatment (CSAT). To meet this objective, CSAT has encouraged the use of social indicators to assess social and health risks related to substance misuse in order to inform policy makers. Recently, CSAT convened a group to draft a road map for such studies in the form of a "*Social Indicators Core Protocol*" to be used by states. Following the social indicators core protocol guidelines provided by CSAT, the Division of Addiction Services (DAS) developed this Chartbook of substance abuse related social and health indicators in the state of New Jersey. Enhancements to the Social Indicators Core Protocol are presented in the "*Social Indicator Supplemental Studies*" to provide a more comprehensive picture of treatment needs assessment at the county level.

The Social Indicators Chartbook is intended to identify health problems directly or indirectly related to substance use and to aid in the assessment of needs for treatment services. This is achieved, in part, by using the key social indicators outlined in the core protocol by CSAT, and by identifying risk and protective factors affecting health outcomes. Summary analysis of the core indicators is presented using census data, mortality data, criminal justice data and substance abuse treatment admissions data. An adaptation of the "Communities That Care Survey" instruments originally developed by the Developmental Research Group of the University of Washington in Seattle (Hawkins, Catalano and Miller, 1992) was used to identify supplemental indicators. The supplemental indicators provide additional social, economic and health indicators related to the four domains of risk and protective factors (community environment, family structure, school involvement, and individual/peer group initiation of problem behaviors). The specific objectives of the Chartbook are to:

- Present an objective profile of each county and the State using key social indicators related to substance abuse. The Chartbook incorporates indices of core indicators based on historical data sources on population, mortality, crimes arrests, and substance abuse treatment admissions. In addition, supplemental indicators of risk and protective factors that affect health outcomes are presented for each county and the State.
- Show the effect of substance use and related health consequences in New Jersey's counties and the State.
- Provide information to support needs assessment and prevention, as well as treatment planning, at community level

Data Sources

Data for the social indicators core protocol and supplemental studies are obtained from archival sources published by the U.S. Bureau of the Census and New Jersey governmental agencies, including the Departments of Human Services, Health & Senior Services, Education, and Law and Public Safety. Data are also obtained from DAS' Alcohol & Drug Abuse Data System and from DAS-sponsored needs assessment surveys. An outline of the data sources used in this study is attached in Appendix E.

Report Organization

The Chartbook has three sections including *The State Profile, County Profiles* and *The Supplemental Studies* of social indicators. Selected indicators are displayed using thematic maps, charts and tables accompanied with brief descriptive text. The maps display patterns of specific health indicators of each county and the tables provide recent, as well as trend, data on selected indicators.

The *State Profile* and the *County Profiles* contain the four indicators listed in the CSAT Core Protocol. These are indicators of population characteristics, substance abuse related mortality (e.g., drug related and alcohol related mortality), criminal justice cases (alcohol and drug related crime), and alcohol and drug treatment admissions by modalities and by primary and secondary drugs of abuse (alcohol, heroin, cocaine/crack, marijuana and other drugs).

The *Supplemental Indicators* are grouped according to the risk and protective factor domains identified in the "Communities That Care Survey." They are organized according to the four major domains of the risk and protective factors. These are: (1) Community Environment; (2) Family Structure; (3) School Involvement; and (4) Individual/Peer Group Initiation of Problem Behaviors. It also includes the following selected social indicators that are relevant for treatment needs assessment:

- *County Summary Data Table*: This table presents an overview of some of the basic indicator variables for the year 2000 - Population, Area, Median Household Income, Unemployment Rate, Total Crime Rate/1,000 population, Percent of High School Graduates, Percent of College Graduates, Married Parents/1,000 births, Teenage Births/1,000 births, and Birth weight >=2,500 grams/1,000 births.
- *Population by Age*: This chart presents the distribution of the population by age groups – <12 years, 12-17 years, 18-24 years, 25-34 years, 35-64 years, and 65 years and over.
- *Drug Treatment Data*: This chart presents the distribution of the drug treatment admissions by type – Alcohol, Heroin, Crack & Cocaine, Alcohol with drug, Marijuana, and Other Drugs.
- *Crime Rates*: This chart presents the Violent Crime Rate, Non-violent Crime Rate and Domestic Violence Rate for each municipality.
- *Drug and Driving Under the Influence (DUI) Arrests*: Here the Drug and DUI Arrests are presented by type – Marijuana, Opium & Cocaine, Synthetic Drugs, Other Drugs, and DUI.
- *Selected Demographics Characteristics Table*: This table presents the population and poverty rate distribution by race/ethnicity – White alone, Black alone, Native American alone, Asian alone, Pacific Islanders alone, Other alone, and 2+ races.
- *Mothers by Prenatal Care*: This chart presents the data on when prenatal care began for the mother. The four categories shown are: First Trimester, Second Trimester, Third Trimester and No care/No Statistics.

A complete set of tables regarding data on social and health indicators for each county is provided in the Appendices. A short glossary of terms listed in Appendix E defines key technical terms.

New Jersey Counties

SUSSEX
PASSAIC
BERGEN
WARREN
MORRIS
ESSEX
HUDSON
HUNTERDON
UNION
SOMERSET
MIDDLESEX
MERCER
MONMOUTH
CAMDEN
BURLINGTON
OCEAN
GLOUCESTER
SALEM
ATLANTIC
CUMBERLAND
CAPE MAY

30   0   30   60 Miles

N
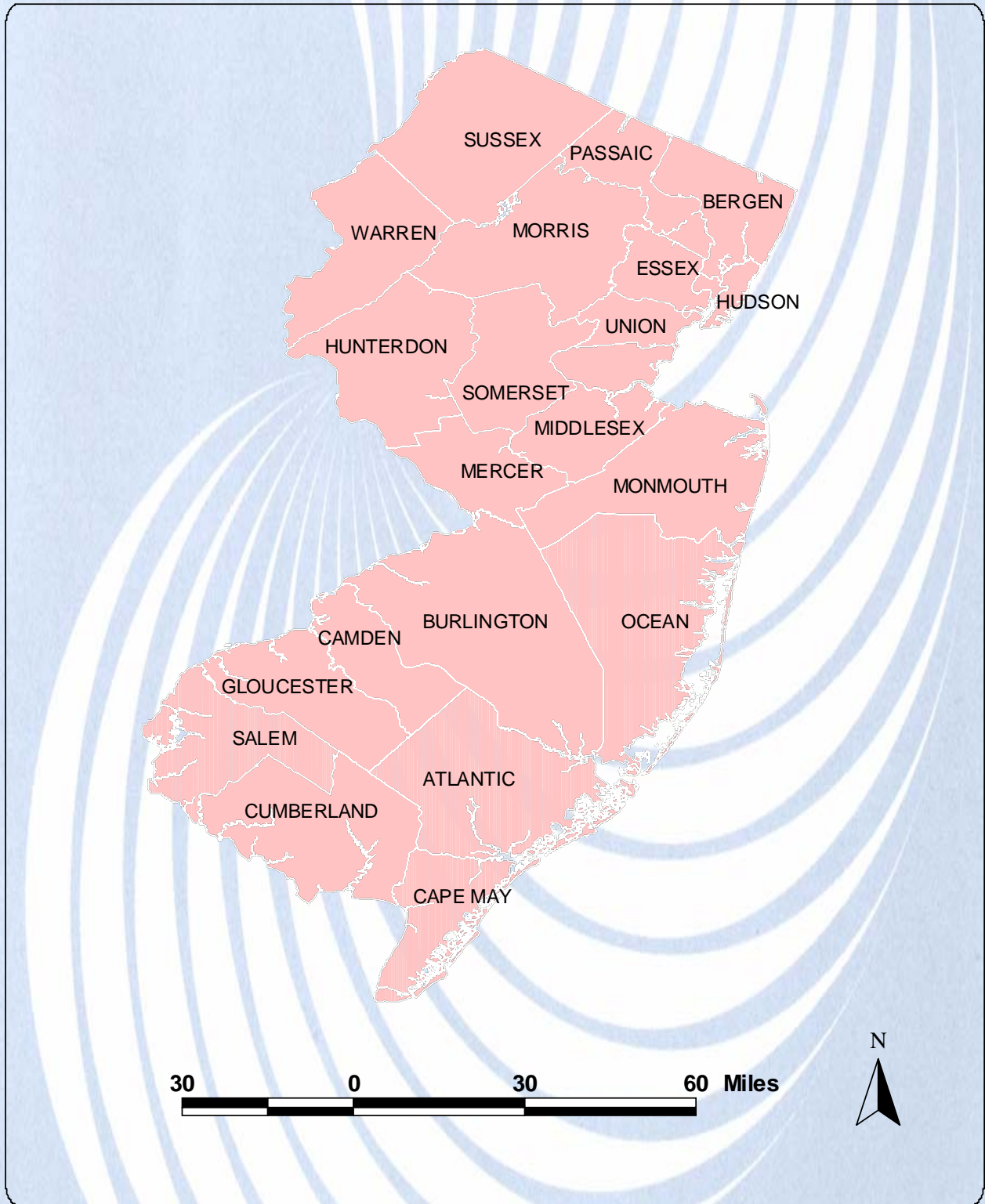
New Jersey Department of Human Services, Division of Addiction Services, Office of Policy & Development

Chapter One
State Profile of Social and Health Indicators

- **Population Profile**
- **Mortality Data Attributable to Alcohol and Drug Abuse**
- **Criminal Justice Data: Alcohol and Drug Crime Indicators**
- **Treatment Admissions Data**
- **Supplemental Indicators**

Population Profile

Introduction

This section describes the population characteristics of New Jersey in order to provide a context for analyzing and interpreting the social indicators that have potential effects on health status, treatment needs and type of treatment services provided. Population characteristics are of fundamental importance in estimating prevalence rates or in age-adjusting data when comparing indicators across counties. Data on population change, gender, age, race and ethnicity are obtained from the 1990 and 2000 decennial censuses. As listed in item 1 below, the population characteristics of New Jersey and its counties are displayed in the main body of this document. Population data by counties, as listed in item 2, are included in Appendix A.

1. **General Profile of Census Population Data & Population estimates**

   - Population Distribution (1980-2000)
   - Population Growth
   - Regional Distribution of Population (1950-2000)
   - Age Structure
   - Population Distribution by Age
   - Population Distribution by Age and Gender
   - Population Distribution by Race/Ethnic Composition

2. **Specific Population Data & Population Estimates by Counties in Appendix A.**

   - County Population Size and Change, 1990-2010
   - County Population by Age, 2000-2010
   - County Population by Gender, 2000
   - County Population by Race/Ethnicity, 2000

Population Growth, New Jersey (1980-2000)

New Jersey Counties

Population Profile, 2000

Total population:	**8,414,350**
Density / Sq. Mile	**1,122**
Median age:	**36.7**

Age Distribution:

- **0-11 year old** — **16.69 %**
- **12-17 years old** — **7.96 %**
- **18-64 years old** — **62.12 %**
- **65 years & over** — **13.23 %**

Race/Ethnicity Composition

One race	**97.5%**
• **White**	**72.6 %**
• **African American**	**13.6 %**
• **Native Indian.**	**0.2 %**
• **Asian**	**5.7 %**
• **Other**	**5.4 %**
Two-or-more Races	**2.5 %**
Hispanic or Latino	**13.3 %**
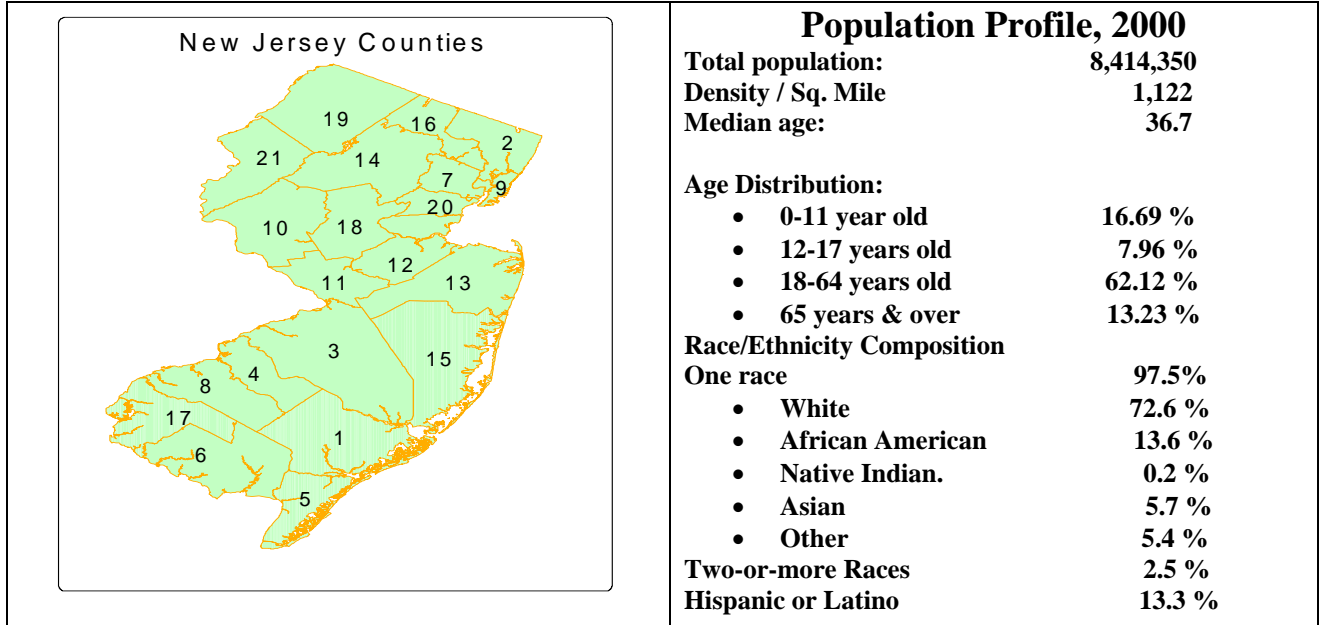
No.	County	Total Population			Percent Change		Density/Sq.Mile
		1980	**1990**	**2000**	**1980-1990**	**1990-2000**	**2000**
1	Atlantic	194,119	224,327	252,552	15.6	12.6	455
2	Bergen	843,385	825,380	884,118	-2.4	7.1	3,771
3	Burlington	362,542	395,066	423,394	9.0	7.2	517
4	Camden	471,650	502,824	508,932	6.6	1.2	2,292
5	Cape May	82,266	95,089	102,326	15.6	7.6	388
6	Cumberland	132,866	138,053	146,438	3.9	6.1	290
7	Essex	851,304	778,206	793,633	-8.6	2.0	6,227
8	Gloucester	199,917	230,082	254,673	15.1	10.7	776
9	Hudson	556,972	553,099	608,975	-0.7	10.1	13,118
10	Hunterdon	87,361	107,776	121,989	23.4	13.2	284
11	Mercer	307,863	325,824	350,761	5.8	7.7	1,552
12	Middlesex	595,893	671,780	750,162	12.7	11.7	2,412
13	Monmouth	503,173	553,124	615,301	9.9	11.2	1,305
14	Morris	407,630	421,353	470,212	3.4	11.6	1,000
15	Ocean	346,038	433,203	510,916	25.2	17.9	802
16	Passaic	447,585	453,060	489,049	1.2	7.9	2,547
17	Salem	64,676	65,294	64,285	1.0	-1.5	183
18	Somerset	203,129	240,279	297,490	18.3	23.8	974
19	Sussex	116,119	130,943	144,166	12.8	10.1	274
20	Union	504,094	493,819	522,541	-2.0	5.8	5,077
21	Warren	84,429	91,607	102,437	8.5	11.8	283
	New Jersey	**7,365,011**	**7,730,188**	**8,414,350**	**5.0 %**	**8.9 %**	**1,122**

Population Density, New Jersey - 2000
Overall Density = 1,122 People / Sq. Mi.

Density/Sq.Mi. (2000)
180 -   500
501 - 1,550
1,551 - 3,770
3,772 - 6,220
6,2281 - 13,120

New Jersey Population, 1940-2000

New Jersey Population
Share of Nation's Population
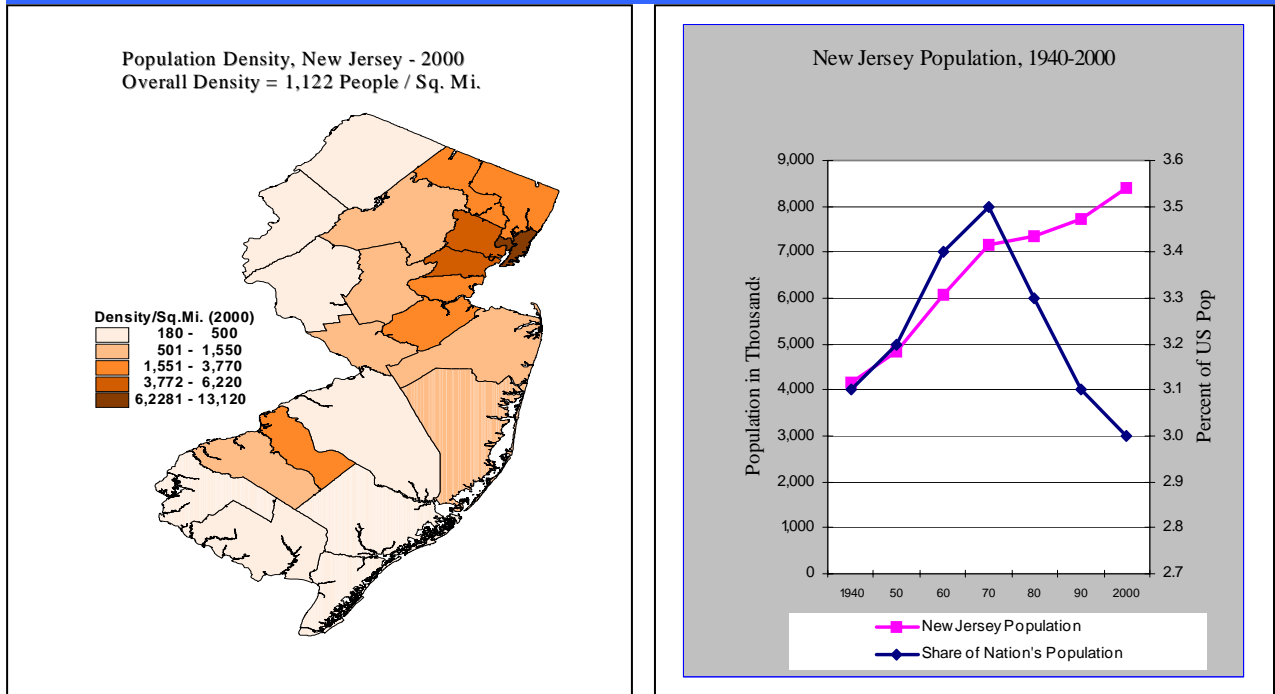
- According to the 2000 Census, New Jersey's total population reached 8,414,350 people, allowing it to maintain its ninth place in population size among the nation's fifty states.[1] The increase of 684,162 residents in the state since the 1990 Census represents a higher rate of growth (8.9%) than in the 1980s (5.0%). See Table in Appendix A.
- For the last four decades, the state had a significantly slower population growth compared to national data and its share of the nation's population declined from 3.5% in 1970 to 3.0% in 2000. Despite a slower growth, New Jersey remains the most densely populated state in the U. S. (1,120 people per square mile).
- From 1990 to 2000, eleven counties in New Jersey experienced higher than the statewide growth: Somerset (23.8%), Ocean (17.9%), Hunterdon (13.2%), Atlantic (12.6%), Warren (11.8%), Middlesex (11.7%), Morris (11.6%), Monmouth (11.2%), Gloucester, Hudson and Sussex (10.1%).
- The northeastern counties (Bergen, Essex, Hudson, Passaic, and Union) experienced population decline in the 1980s (-2%). However, this region's total population increased 6.9% from 1990- 2000.
- Rural northwestern counties (Sussex & Warren) outpaced statewide growth (8.9%) while the coastal region (Atlantic, Cape May, Monmouth, and Ocean) remained the population magnet of New Jersey (12.6%).
- In the 1990s population growth in the southern counties (Burlington, Camden, Gloucester, and Salem) was moderate (5.0%).

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1 The nation's total population rose 13.2 percent in the 1990s to a total of 281,421,906 people and New Jersey ranked as 33rd in population growth nationally.

Regional Distribution of Population, New Jersey, 1950-2000

Mature Core Metropolis
1950   58.5 %
1990   40.3 %
2000   38.8 %

Northern Exurban Fringe
1950   1.8%
1990   2.9%
2000   3.0%

New Jersey's Wealth Belt
1950   21.2%
1990   29.9 %
2000   31.0%

Metro South
1950   10.9%
1990   14.6%
2000   14.5%

Southern Shore
1950   4.7%
1990   9.7%
2000   10.2%

Rural South
1950   2.9%
1990   2.6%
2000   2.5%

- ▇ % of total population in 1950
- ▇ % of total population in 1990
- ▇ % of total population in 2000
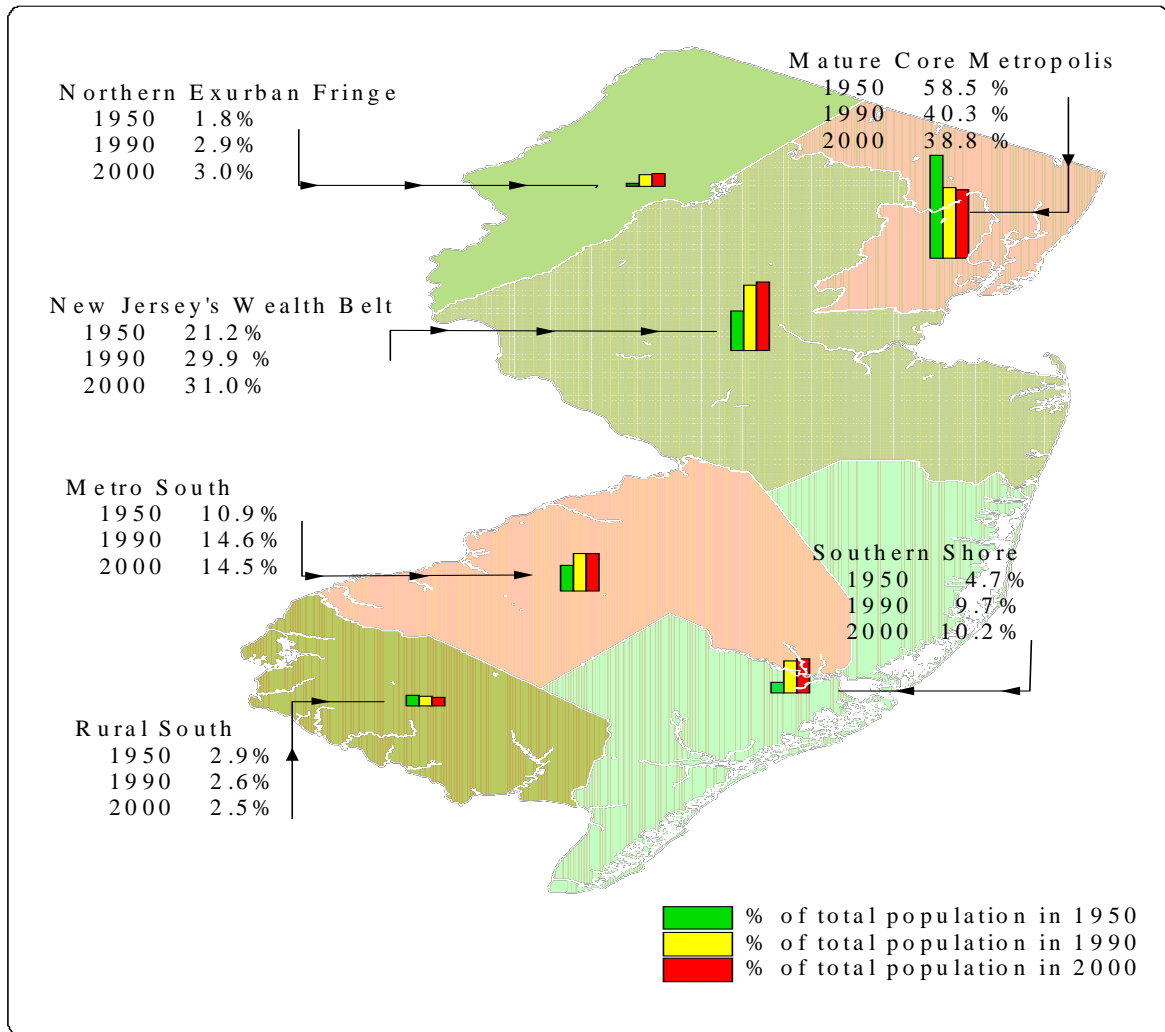
New Jersey has long been the most suburban state in America. Since 1983, every county in the state has been a Metropolitan Statistical Area, as defined by the U. S. Office of Management & Budget. With the exception of the 'Mature Core Metropolis', the population of all other regions increased. Population distribution by counties from 1950 to 2000 is displayed in Appendix A.

- The leading edge of suburban growth lies across the "New Jersey Wealth Belt" which encompasses six counties (Hunterdon, Mercer, Middlesex, Monmouth, Morris and Somerset). This region accounted for 31% of the state's population in 2000.
- In contrast, the 'Mature Core Metropolis' (Bergen, Essex, Hudson, Passaic, and Union Counties) lagged behind in growth. However, Bergen continued to be the largest county in terms of total population (884,118 people in 2000). About 39 % of the state's population resided in this region.
- Approximately 3% of New Jersey's population resided in the rural northwestern counties (Sussex and Warren), 2.5% in the rural south and 10% in the southern shore region.

In general, differences in age distribution between groups reflect differences in death rates, fertility rates, and rates of net migration. It also contributes to differences in social, health, and economic status across population groups. Census 2000 shows the maturing of four major age-profile variations. Sequentially, they have assumed the widely used label of the depression era birth dearth, post-World War II baby boom, the baby bust, and the baby-boom echo. The dominant features in the Census 2000 landscape are: the 35-54 years old baby boom generation, the 5-19 years old baby-boom echo, and the 20-34 years old baby bust.

- The middle aging of the baby boom generation into the 35-54 years-old sector in 2000 created the largest age-group (30.8%) in New Jersey history. Almost one in three, or 2.6 million out of 8.4 million people, is a baby boomer. During the 1990's the 35-44 years-old sector grew by 19.9%, while the 45-54 year-old age group grew by 28.6%. As the baby boom ages and passes through middle age, its sheer size creates pressure on New Jersey's infrastructure and social services.

- The baby bust[2] (20-34 years old) cohort matured fully in 2000. The baby bust generation accounts for 19.9% of the population in 2000. This age group caused the 20-24 year-old population to shrink by 23% and the 25-34 year-old group by 20%. Since a large proportion of treatment populations fall in these age groups, the shrinking age groups suggest that there may be less demographic pressure for treatment services compared to the time when baby-boomers crossed these age group strata.

- The baby-boom echo[3] is presently reflected in the sharp growth of the 5-19 year-old age group. The 5-9 year-old population grew by 12.5% while the 10-14 year old group grew by 13%. Thus, after a period of decline, the number of teenagers shows higher growth in 2000. These cohorts may challenge prevention services in the current decade as they enter adolescence.

- In 2000, the total number of the elderly population (65 years of age and over) grew at slower rate than it had been in the past. The elderly accounts for 13.7% of the total population in 2000. Between 1990 and 2000, the 65-74 year old sector declined while those above 74 years old grew at a faster rate than any other age group.

- The size of the 55-64 years old age group declined from 9.3% in 1990 to 8.8% in 2000.

- The median age of New Jersey's population increased from 34.4 years in 1990 to 36.7 years in 2000. Among the counties in New Jersey, the median age is highest in Cape May (42.3 years) followed by Ocean County (41.0 years) and Hudson County is the youngest county (33.6 years).

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2 The baby bust generation is an undersized population cohort produced during the low-birth era from 1965 to 1976.
3 The baby boom echo began to unfold in the 1970s, as the baby boomers began to pair, nest, reproduce and parent creating a second baby boom.

Age Group	1990		2000		Change (1990-2000)
	Number	Percent	Number	Percent	Percent
Total	7,730,188	100%	8,414,350	100%	8.9%
Median age	34.4		36.7		6.7 %
<5	532,637	7.1	563,785	6.7	5.8
'5-9'	493,044	6.4	604,529	7.2	22.6
'10-14'	480,983	6.2	590,577	7	22.8
'15-19'	505,388	6.6	525,216	6.2	3.9
'20-24	566,594	7.4	480,079	5.7	-15.3
'25-34'	1,360,651	17.6	1,189,040	14.1	-12.6
'35-44'	1,196,659	15.4	1,435,106	17.1	19.9
45-54'	843,009	10.8	1,158,898	13.8	37.5
'55-64'	719198	9.3	753,984	8.9	4.8
'65-74'	610,192	7.9	574,669	6.8	-5.8
'75-84'	326,286	4.2	402,468	4.8	23.3
'85 +"	95,547	1.2	135,999	1.6	42.3

New Jersey Population by Age 1990-2000

Source: US Bureau of the Census, 5-01-2000

New Jersey Population by Age Groups

	<5	'5-9'	'10-14'	'15-19'	'20-24	'25-34'	'35-44'	45-54'	'55-64'	'65-74'	'75-84'	'85 +"
1990	7.1	6.4	6.2	6.6	7.4	17.6	15.4	10.8	9.3	7.9	4.2	1.2
2000	6.7	7.2	7	6.2	5.8	14.1	17.1	13.8	9	6.8	4.8	1.6

Population distribution by age-groups
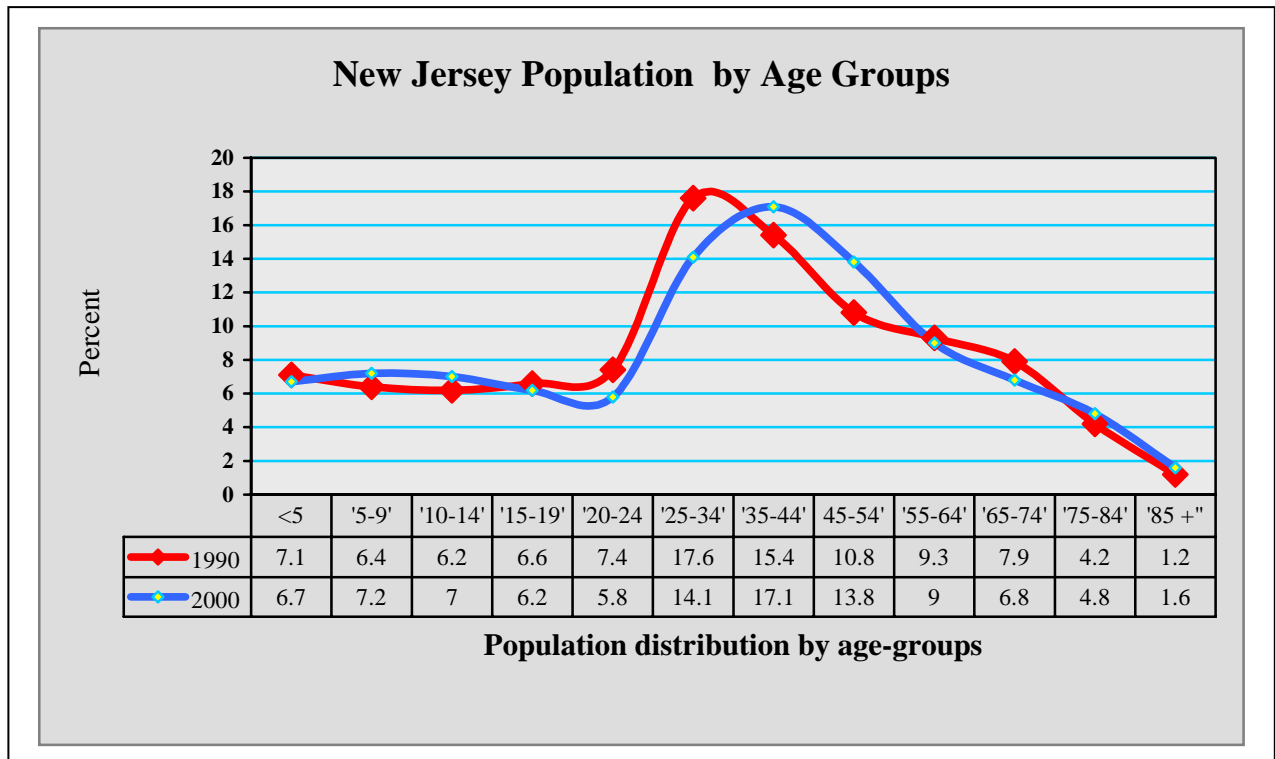
Population Distribution by Age and Gender, New Jersey

Population Distribution by Age and Gender, New Jersey 2000								
	Both Sexes		Male			Female		
Age	Population Counts	%	Total Male	Percent of Male	Percent of Total	Total Female	Percent of Female	Percent of Total
All ages	8,414,350	100.0	4,082,813	100.0	48.52	4,331,537	100.0	51.48
0-4	563,785	6.70	288,085	7.05	3.42	275,700	6.36	3.28
5-11	840,760	9.99	430,646	10.55	5.12	410,114	9.47	4.87
12-17	669,476	7.96	344,237	8.43	4.09	325,239	7.51	3.87
18-24	690,165	8.20	353,036	8.65	4.20	337,129	7.78	4.01
25-34	1,189,040	14.13	591,904	14.5	7.03	597,136	13.79	7.10
35-44	1,435,106	17.06	708,291	17.35	8.42	726,815	16.78	8.64
45-54	1,158,898	13.77	561,202	13.75	6.67	597,696	13.80	7.10
55-64	753,984	8.96	358,632	8.78	4.26	395,352	9.13	4.70
65-74	574,669	6.83	254,197	6.23	3.02	320,472	7.40	3.81
75-84	402,468	4.78	153,851	3.76	1.83	248,617	5.74	2.95
>85	135,999	1.62	38,732	0.95	0.46	97,267	2.25	1.16
Source: US Bureau of the Census, 5-01-2000								
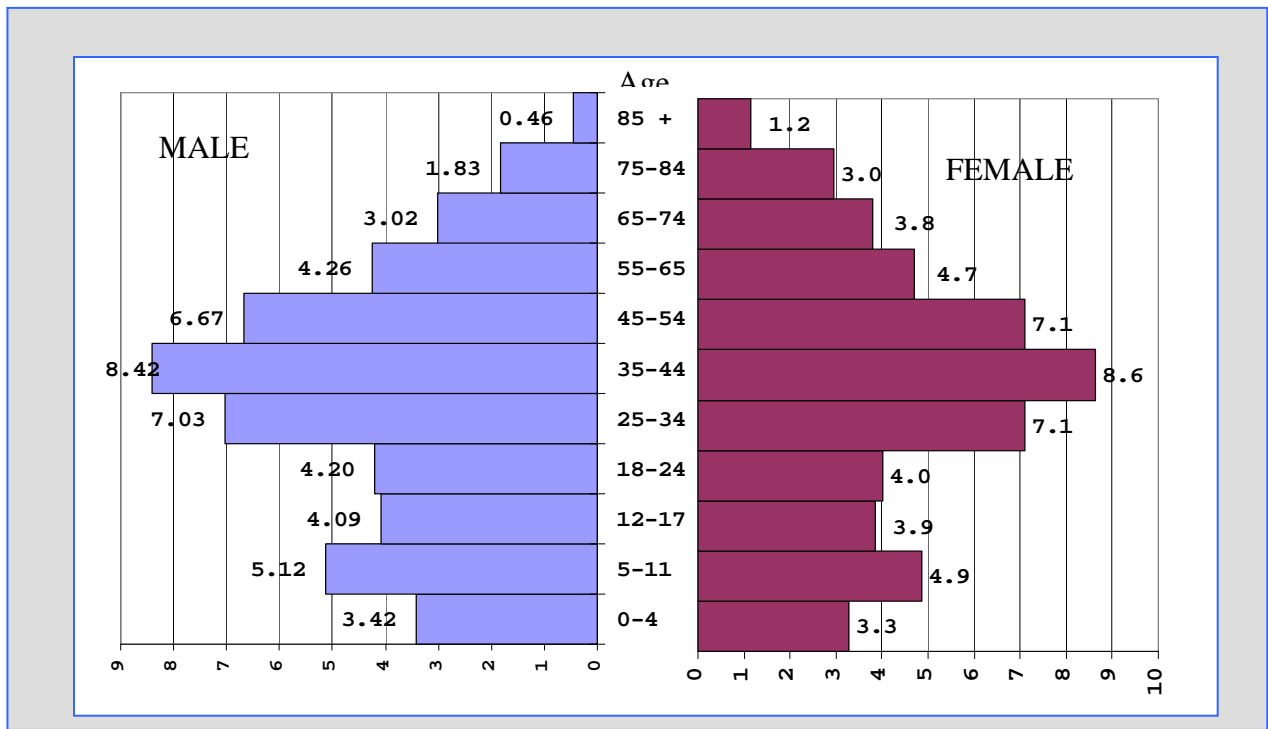
The racial and ethnic changes resulting from the twentieth-century immigration pattern is firmly embedded in New Jersey's new millennium population profile. According to Census 2000, the foreign born population is approximately 17%, which is far greater than the 1970s (10%) but still far below that of 1910 (25%). The new diversity of immigration observed during the last 35 years demonstrates that the dominance of European foreign born has been replaced by the foreign born from Latin America and Asia. As shown in the table below, this resulted in the explosive growth of Asians (77.3%) and Hispanics (55%), compared with 8.9% for the overall population. New Jersey's white population growth lags significantly while the growth of African Americans increased by 10%.

Asians are the fastest growing racial group in New Jersey. More than one in two (53.2%) of New Jersey's Asians are concentrated in three counties: Middlesex (104,212), Bergen (94,324) and Hudson (56,924). Among Asians, Asian Indians was the fastest growing group during the 1990s. The number of Asian Indians more than doubled in the state as a whole (113%, from 79,440 to 169,180). Chinese are the second largest Asian group in New Jersey.

Hispanics accounted for more than one-half (55%) of the state's population growth in the past decade. More than one-third (34.8%) of the State's Hispanic population resided in Hudson and Passaic counties. Newark City, Paterson, Jersey City, and Union City had the largest Hispanic populations in 2000.

Change in New Jersey's Population by Race & Hispanic Origin[4]: 1990-2000

Race and Ethnic Origin	1990		2000		Change 1990-2000	
	Number	**% of Total**	**Number**	**% of Total**	**Number**	**%**
Total	7,730,188	100.0	8,414,350	100.0	684,162	8.9
One Race	7,730,188	100.0	8,200,595	97.5	470,407	6.1
• White	6,130,465	79.3	6,104,705	72.6	-25,760	-0.4
• Black or African American	1,036,825	13.4	1,141,821	13.6	104,996	10.1
• American Indian & AN.*	14,970	0.2	19,492	0.2	4,522	30.2
• Asian	270,839	3.5	480,276	5.7	209,437	77.3
• Native Hawaiian & P.I.**	1,682	0.0	3,329	0.0	1,647	97.9
• Other	275,407	3.6	450,972	5.4	175,565	63.7
Two-or-more Races	N.A	N.A.	213,755	2.5	N.A	N.A.
Hispanic or Latino	739,861	9.6	1,117,191	13.3	377,330	55.0
* Alaska Native ** Pacific Islander						

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4 Categories defined by the Office of Management and Budget (OMB) in 1997.

Mortality Attributable to Drug and Alcohol Abuse, New Jersey

Introduction

This section presents mortality data attributable to alcohol and drug abuse in the state of New Jersey. Since the efficacy of public health policy is measured in terms of reductions in mortality, this data is most commonly used as indicator of the severity of health problems.

Mortality data in the chartbook are based on information obtained from death certificates compiled by the Center for Health Statistics, New Jersey Department of Health. Causes-of-death statistics are classified in accordance with the Ninth and Tenth Revision, International Classification of Diseases (ICD-9 and ICD-10). Alcohol Associated Fraction (AAF) and Drug Associated Fraction (DAF) of deaths are applied to each of the ICD diagnostic codes related to alcohol and drug abuse and associated causality factors. A discussion of the cause-of-death classification attributable to alcohol and drugs is provided in Appendix B. Mortality rates attributable to alcohol and drugs for the adult population are presented using two types of ICD codes that specify a substantive association with substance abuse:

- ICD-9 & ICD-10 codes that are directly associated with alcohol and drug abuse, and
- ICD9 & ICD-10 codes that are indirectly associated with alcohol and drug abuse

Core indicators regarding mortality data displayed in the main body of this document are listed in item one below. Mortality data attributable to alcohol and drugs for the adult population by counties is included in Appendix B.

1. **Mortality data attributable to alcohol and drugs in New Jersey.**
   - Mortality rates attributable to alcohol and drug abuse, dependence and associate causality factors by county, gender and race.
   - Mortality by ICD-10 diagnostic codes related to drug and alcohol dependence and associated causality factors.

2. **Mortality data attributable to alcohol and drugs by County**
   - Age-Adjusted Mortality Rate Attributable to Alcohol & Drug Abuse or Dependence/ 100,000 (5-Year Average, 1998-2002).
   - The 2002 Mortality Rate Attributable to Alcohol & Drug Abuse or Dependence/100,000.

Alcohol Attributable Morttality Rate / 100,000 Population
- 16.0 - 18.9
- 19.0 - 23.0
- 23.1 - 32.4
- 32.5 - 44.2

Drug Attributable Morttality Rate / 100,000 Population
- 2.0 - 4.0
- 4.1 - 6.5
- 6.6 - 11.4
- 11.4 - 15.8
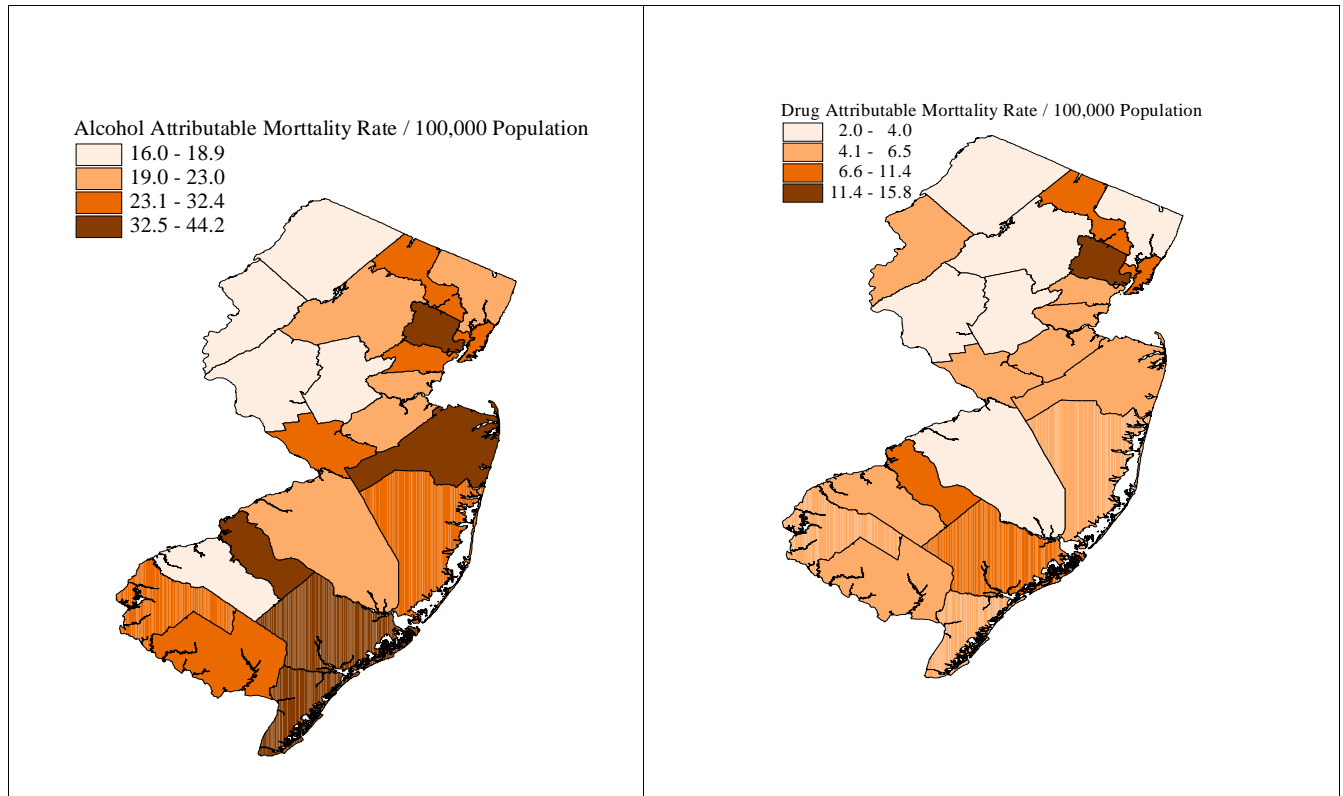
5-Year Average Age-Adjusted Mortality Rates Attributable to Alcohol & Drug Abuse Per 100,000 Population, New Jersey (1998-2002)

County	Alcohol Attributable Mortality Rates					Drug Attributable Mortality Rates					Grand Total
	Alcohol Caused		Alcohol Related		Alcohol Total	Drug Caused		Drug Related		Drug Total	
	Male	Female	Male	Male		Male	Female	Male	Female		
Atlantic	11.7	4.2	37.5	20.9	36.8	6.6	1.4	11.1	2.8	10.8	47.5
Bergen	3.4	1.4	19.8	14.0	19.1	0.9	0.5	3.3	1.1	2.9	22.0
Burlington	3.4	1.9	24.1	14.4	21.9	1.1	0.3	4.3	1.9	3.8	25.6
Camden	7.5	3.4	38.8	22.2	35.6	3.7	1.0	10.2	2.9	8.8	44.3
Cape May	18.8	4.6	40.4	20.9	41.7	6.9	1.4	3.2	1.1	6.2	47.9
Cumberland	10.9	4.5	27.1	18.5	30.6	4.0	1.3	4.0	1.4	5.4	36.0
Essex	10.8	3.9	37.3	19.8	35.3	5.5	2.0	17.8	5.2	14.9	50.2
Gloucester	1.8	1.6	17.8	12.4	16.7	0.9	0.7	6.4	1.8	4.9	21.6
Hudson	9.7	2.5	23.2	13.4	24.2	4.1	0.5	7.7	3.0	7.6	31.9
Hunterdon	2.8	1.5	15.3	10.7	15.1	0.6	0.3	1.3	1.3	1.8	16.9
Mercer	9.1	2.1	29.2	17.2	28.5	4.0	0.4	6.4	1.6	6.1	34.6
Middlesex	5.3	2.1	19.5	12.6	19.6	1.4	0.5	5.9	1.5	4.6	24.2
Monmouth	5.9	1.8	25.4	16.8	24.7	1.9	0.7	4.8	1.8	4.5	29.3
Morris	3.8	1.2	21.1	12.9	19.4	1.0	0.5	3.8	1.0	3.1	22.4
Ocean	6.4	2.0	29.1	19.5	28.2	1.0	0.4	6.2	2.4	4.9	33.0
Passaic	8.9	2.3	24.8	16.1	25.8	3.4	1.1	9.8	2.7	8.4	34.2
Salem	6.1	1.1	33.0	21.2	30.4	1.2	1.7	7.4	1.8	6.0	36.4
Somerset	4.9	1.7	14.0	10.2	15.4	1.4	0.7	3.4	0.6	3.1	18.4
Sussex	5.8	2.1	16.3	10.0	17.1	0.8	1.3	3.0	1.1	3.1	20.2
Union	6.2	2.0	26.0	17.6	25.6	1.7	1.3	6.8	1.9	5.7	31.4
Warren	5.3	2.5	16.3	11.7	17.8	3.4	1.4	3.2	2.0	5.0	22.8
New Jersey	**6.7**	**2.3**	**25.0**	**16.1**	**25.1**	**2.5**	**0.9**	**7.0**	**2.2**	**6.2**	**31.4**

Highlights

- The number of deaths in New Jersey attributable to alcohol and drugs during the 5-year period between 1998 and 2002 was 13,985 persons. This amounts to an average of 2,744 deaths per year.
- The average age-adjusted death rates attributable to alcohol and drugs are 31.4 deaths per 100,000, of which, 6.2 deaths were due to drugs and 24.9 deaths were due to alcohol.
- Among New Jersey counties, the mortality rate due to drug use is highest in Essex County (15.8 per 100,000), followed by Atlantic County (11.5), Camden County (9.3) and Passaic County (8.9).
- The mortality rate attributable to alcohol is highest in Cape May County (44.2 per 100,000), followed by Atlantic County (38.9), Camden County (37.7) and Essex County (37.4).
- Among the direct causes of death that are attributable to drugs, drug dependency accounts for 52%, followed by drug psychoses (25%).
- Among direct causes of death due to alcohol, alcoholic cirrhosis of the liver ranks the highest (29%) followed by alcoholic dependence syndrome (17.2%), unspecified alcoholic liver damage (13.2 %) and accidental poisoning by alcohol (10%).
- Among the indirect causes of mortality due to alcohol, chronic pancreatitis contributed the most (21%), followed by malignant neoplasm of esophagus (11.4%), motor vehicle accidents (9.3%), cerebrovascular desease (8.7%) and cirrhosis of the liver (7.8%).

Mortality Rates per 100,000 population Attributable to Drugs and Alcohol
New Jersey

	1999	2000	2001	2002
Drugs	5.6	7.4	6.1	6.2
Alcohol	15.7	29.8	29.3	27.9
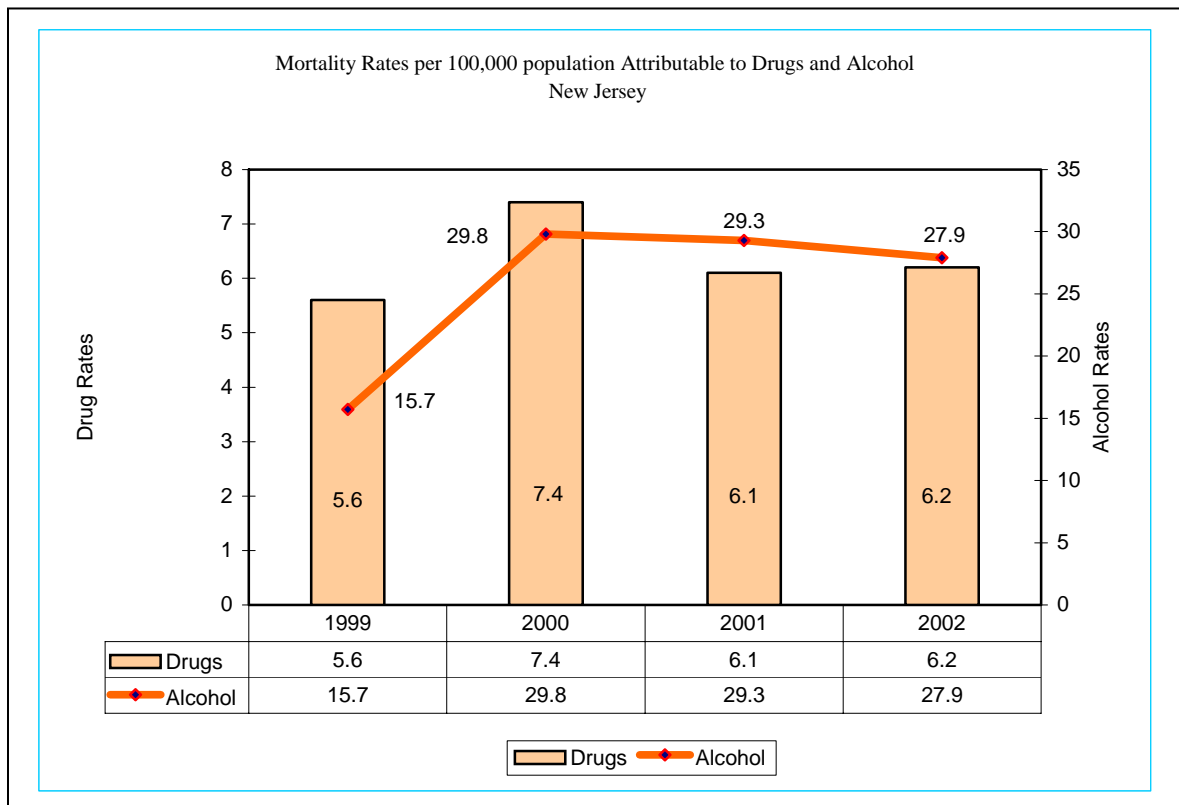
Mortality Counts Attributable to Alcohol and Drugs				New Jersey, 2002	

100 Percent Drug Caused Conditions			Mortality		
ICD-9 Codes shown are equivalent to ICD-10 Codes	ICD-9 Codes	Male	Female	Total	percent
Drug psychoses	292	19.0	9.0	28.0	25.23
Drug dependence	304	49.0	9.0	58.0	52.25
Nondependent abuse of drugs	305.2-305.9	7.0	4.0	11.0	9.91
Poisoning by CNS stimulants	970	7.0	7.0	14.0	12.61
Total death due to drugs in 2002		**82.0**	**29.0**	**111.0**	**100.0**
100 Percent Alcohol Caused Conditions					
Alcohol Psychoses	291.0	17.0	7.0	24.0	7.95
Alcohol dependence syndrome	303.0	45.0	7.0	52.0	17.22
Nondependent abuse of alcohol	305.0	18.0	5.0	23.0	7.62
Alcoholic polyneuropathy	357.5	2.0	0.0	2.0	0.66
Alcoholic cardimoyopathy	425.5	19.0	3.0	22.0	7.28
Alcoholic gastritis	535.3	0.0	1.0	1.0	0.33
Alcoholic fatty liver	571.0	2.0	2.0	4.0	1.32
Acute alcoholic hepatitis	571.1	11.0	2.0	13.0	4.30
Alcoholic cirrhosis of the liver	571.2	68.0	20.0	88.0	29.14
Alcoholic liver damage, unspecified	571.3	21.0	19.0	40.0	13.25
Accidental poisoning by alcohol	E860-E860.1	24.0	9.0	33.0	10.93
Sub-Total		**227.0**	**75.0**	**302.0**	**100.0**
Alcohol Related Conditions					
Respiratory tuberculosis	011-012	1.8	2.0	3.8	0.23
Malignant neoplasm of lip, oral cavity, & Pharyax	140-149	39.0	18.5	57.5	3.53
Malignant neoplasm of esophagus	150	133.5	51.8	185.3	11.36
Malignant neoplasm of stomach	151	43.2	34.6	77.8	4.77
Diabetes mellitus	250	31.1	34.9	66.0	4.05
Essential hypertension	401	12.2	20.2	32.4	1.98
Cerebrovascular disease	430-438	55.6	86.7	142.3	8.72
Pneumonia and influenza	480-487	21.4	29.0	50.4	3.08
Diseases of esophagus, stomach, and duodenum	530-537	2.2	4.3	6.5	0.40
Chronic hepatitis	571.4	8.0	7.5	15.5	0.95
Cirrhosis of liver without mention of Alcohol	571.5	74.5	54.0	128.5	7.88
Other chronic nonalcoholic liver damage	571.8	24.0	15.0	39.0	2.39
Unspecified chronic liver disease	571.9	1.0	1.0	2.0	0.12
Portal hypertension	752.3	0.5	1.5	2.0	0.12
Acute pancreatitis	577.0	5.9	8.0	13.9	0.85
Chronic pancreatitis	577.1	154.2	189.0	343.2	21.04
Sub-Total		**608.1**	**558.0**	**1,166.1**	
Alcohol Related Incidents					
Motor vehicle traffic & nontrafic accidents	E810-E825	109.2	42.8	152.0	9.32
Pedal cycle and other road vehicle accidents	E826, E829	0.8	0.0	0.8	0.05
Water transport accidents	E830-E838	1.2	0.4	1.6	0.10
Air & space transport accidents	E840-E845	2.2	0.6	2.8	0.18
Accidental falls	E880-E888	29.8	17.5	47.3	2.90
Accidents caused by fires and flames	E890-E899	0.5	2.7	3.2	0.20
Accidental drowning and submersion	E910	9.9	3.0	12.9	0.79
Suicide and self-inflicted injury	E950-E959	90.2	21.8	112.0	6.87
Homicide & injury purposely inflicted by others	E960-E969	81.0	43.7	124.7	7.64
Other injuries and adverse effects	E917 - E920	5.5	2.5	8.0	0.49
Sub-Total		**330.3**	**135.1**	**465.4**	**100.0**
Total Counts Alcohol Attributable Deaths		**1,165.1**	**767.9**	**1,933.0**	
Grand Total		**1,247.1**	**796.9**	**2,044.0**	

5-Year Average Mortality Data , 1998-2002 New Jersey

Drug Attributable Death by Gender

Gender	Drug Caused	Drug Related	Total	Crude Rate*	Age-adjusted Rate**
Male	110	305	415	10.2	9.6
Female	39	101	140	3.2	3.1
All	149	406	555	6.6	6.2

Alcohol Attributable Death by Gender

Gender	Alcohol Caused	Alcohol Related	Total	Crude Rate*	Age-adjusted Rate**
Male	291	1,083	1,374	33.7	31.7
Female	106	739	845	19.5	18.4
Total	397	1,822	2,219	26.4	24.9

Drug Attributable Death by Race

Race	Number	Crude Rate*	Age-adjusted Rate**
White	368	6.0	5.7
Black	169	14.8	13.9

Alcohol Attributable Death by Race

Race	Number	Crude Rate*	Age-adjusted Rate**
White	1,645	26.9	25.4
Black	339	29.7	28.0

* Crude rates are computed per 100,000 mid-year County population
** Age-adjusted rates are computed per 100,000 of the 2000 standard population

**Drug and Alcohol Induced Mortality Rate
New Jersey, 1998-2002**

17
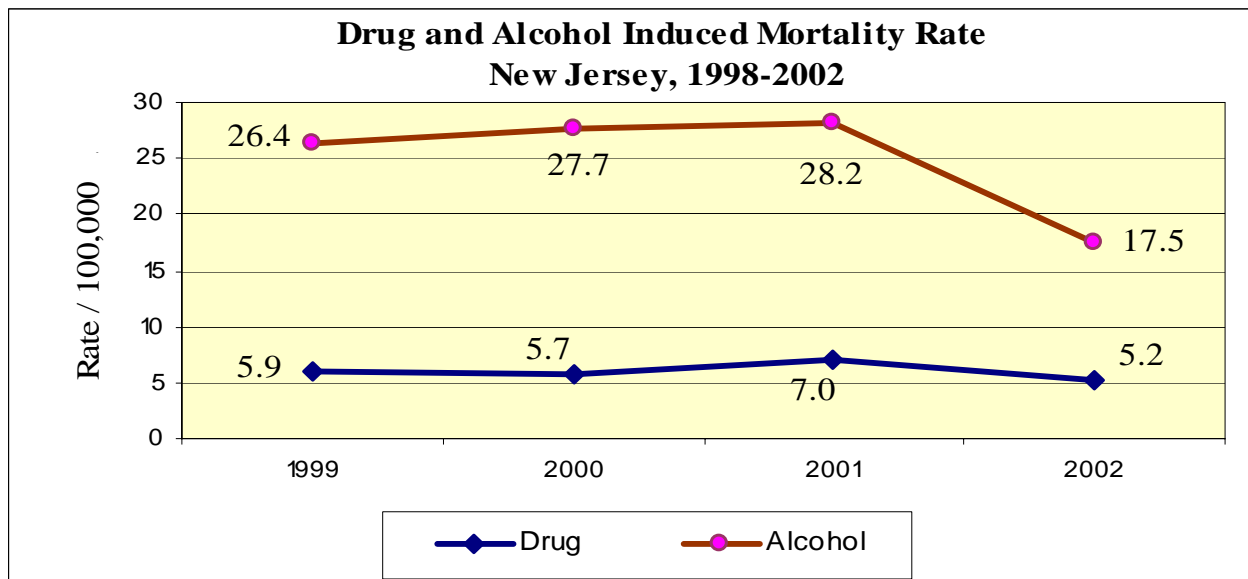
Criminal Justice Data: Alcohol and Drug Crime Indicators

Introduction

This section presents alcohol and drug related crime indicators drawn from the Uniform Crime Report (UCR) for New Jersey. It should be noted that the UCR has limitations with respect to coverage and with respect to the accuracy in reflecting the amount of alcohol and drug involvement in reporting crimes. The types of crime included in the arrests data and the attribution "fractions" used in analyzing the data are listed in Appendix C. The "fractions" of arrests attributable to alcohol and drug are based on the literature search conducted by Harwood, et al. 1998.

Crime indicators displayed in the main body of this document are listed in item one below, and crime indicators displayed in item two are included in Appendix C.

1. **Crime data attributable to alcohol and drugs, New Jersey, 1998-2003**

    - Number of alcohol related arrests and arrest rates by type of offense in New Jersey
    - Number of drug related arrests and arrest rates by type of offense in New Jersey

2. **Yearly Average Drug Related arrests by county, 1998-2003**

    - Total alcohol related arrests by type of crime and by county
    - Total drug related arrests by type of crime and by county
    - Alcohol attributable rates/100,000 by crime type and by county
    - Alcohol drug rates/100,000 by crime type and by county

Alcohol Attributable Arrest Rates / 100,000 Population
- 406 - 532
- 533 - 772
- 773 - 1280
- 1281 - 2739

Drug Attributable Arrest Rates / 100,000 Population
- 369 - 612
- 613 - 988
- 989 - 1,308
- 1,309 - 2,216

| County | Alcohol Related Arrests, 2003 | | | | | Drug Related Arrests, 2003 | | | | |
| | Adults | | Juvenile | | Total Rate per 100,000 | Adults | | Juvenile | | Total Rate per 100,000 |
	Counts	Rate	Counts	Rate		Counts	Rate	Counts	Rate	
Atlantic	2,529	1,280	277	421	1,065	2184	1,106	496	753	1,017
Bergen	3,674	530	643	316	481	3356	484	660	324	447
Burlington	2,293	680	410	383	608	2064	612	494	462	576
Camden	3,921	1,032	471	351	855	4595	1,210	797	595	1,049
Cape May	2,194	2,739	362	1,664	2,510	879	1,097	312	1,434	1,169
Cumberland	1,305	1,167	157	419	979	1463	1,308	349	932	1,214
Essex	2,566	438	362	172	368	12,982	2,216	1,203	571	1,781
Gloucester	2,169	1,082	207	311	890	1671	834	312	469	743
Hudson	1,900	406	340	243	369	5528	1,182	828	592	1,046
Hunterdon	575	591	44	142	483	459	472	91	294	429
Mercer	1,456	532	337	381	495	2040	746	568	642	720
Middlesex	3,048	514	327	180	433	2785	469	520	277	423
Monmouth	4,402	931	519	205	748	4351	920	738	462	805
Morris	2,400	659	309	437	604	1561	428	324	273	390
Ocean	3,058	724	423	250	617	2418	573	632	510	559
Passaic	2,335	640	379	317	553	4,330	1,186	615	462	992
Salem	504	1,026	53	2,407	1,362	435	886	77	489	789
Somerset	1,198	516	141	67	401	951	410	229	288	379
Sussex	864	772	82	360	665	413	369	121	309	353
Union	1,830	462	256	61	361	3913	988	618	463	856
Warren	566	689	56	945	753	442	538	101	373	497
New Jersey	44,787	687	6,155	290	593	58,820	903	10,085	475	798

The two maps display adult arrest rates for 2003

Highlights

- There were 50,942 alcohol related arrests in New Jersey in 2003, a 7.7% decrease compared to 2000. Drug related arrests also declined by 6% during the same period from 73,279 arrests to 68,905.

- Alcohol related, 5-year average arrest rate for New Jersey is 641 arrests per 100,000 inhabitants. The major contributing factors to alcohol related crimes are Driving Under the Influence (338 per 100,000), liquor laws (125 per 100,000) and other assaults (117 per 100,000).

- Drug related, 5-year average arrest rate for New Jersey is 845 arrests per 100,000 inhabitants. The major contributing factors to drug related crimes are larceny-theft (102 per 100,000), burglary (24 per 100,000) and other assaults (20 per 100,000).

- Among New Jersey Counties, alcohol arrest rates in 2003 were highest in Cape May County (2,500 per 100,000), followed by Salem County (1,362) and Atlantic County (1,065)). Drug attributable arrests in 2003 were highest in Essex County (1,781 per 100,000 inhabitants), followed by Cumberland County (1,210), Cape May County (1,100), and Atlantic County (1,000).
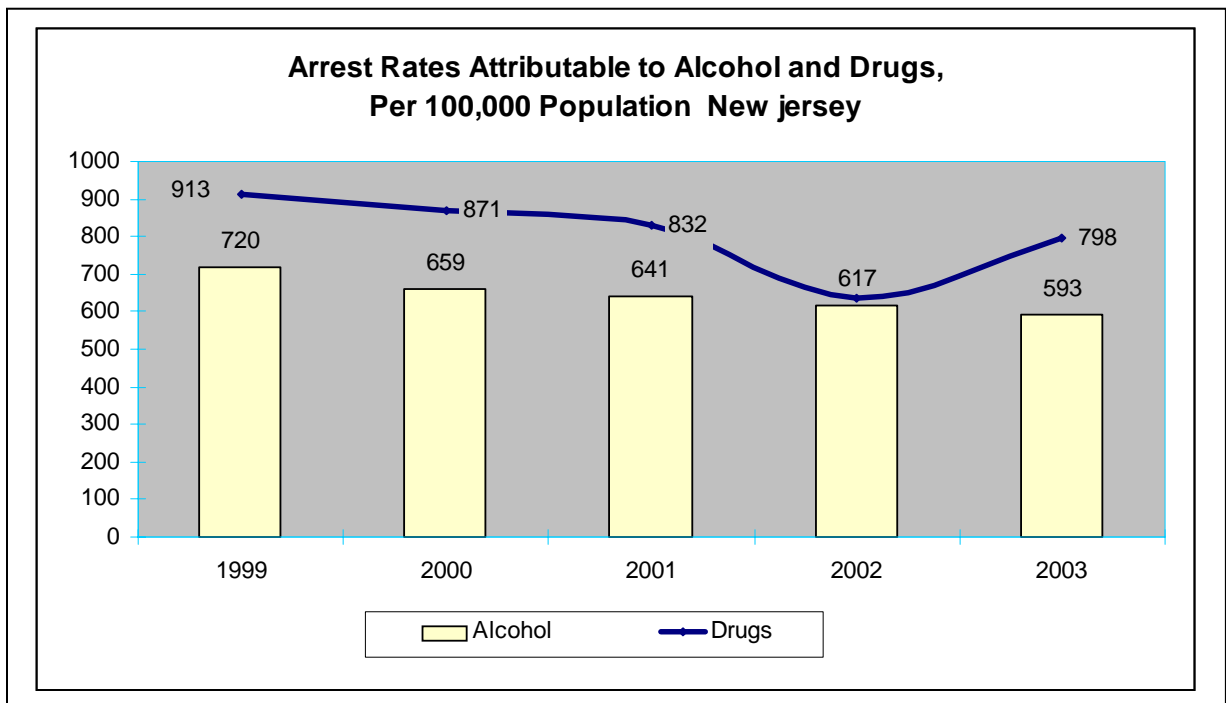
Arrest Rates Attributable to Alcohol and Drugs, Per 100,000 Population New jersey

Year	Alcohol	Drugs
1999	720	913
2000	659	871
2001	641	832
2002	617	617
2003	593	798

Alcohol Attributable Arrests, 1999-2003 (5-Year Average)

Type of Offenses	Annual Arrests in New Jersey	Annual Arrests Attributable to Alcohol Use*			
		Adults	Juvenile	All Ages	Arrest Rates / 100,000
Homicide	268	74	6	80	0.9
Aggravated Assault	10,712	2,595	619	6,214	37.8
Sexual Assault	611	115	22	137	1.6
Other Assault	33,102	8,050	1,881	9,931	116.8
Robbery	4,176	99	43	142	1.7
Burglary	6,710	171	71	242	2.8
Larceny	29,415	608	216	824	9.7
Auto Theft	1,453	330	179	509	6.0
DUI	28,703	28,345	358	28,703	337.8
Liquor Laws	10,697	7.527	3,170	10,697	125.8
Total	125,847	47,915	6,562	54,477	641

* "Alcohol Abuse Attribution Factor" used in this study is adapted from H. Harwood (Harwood et al. 1998)

	Alcohol Attributable Arrest by Age					
	18 Years & Over		0-17 Years		All Ages	
	Number	Rate**	Number	Rate**	Number	Rate**
New Jersey	47,916	748	6,561	312	54,477	641
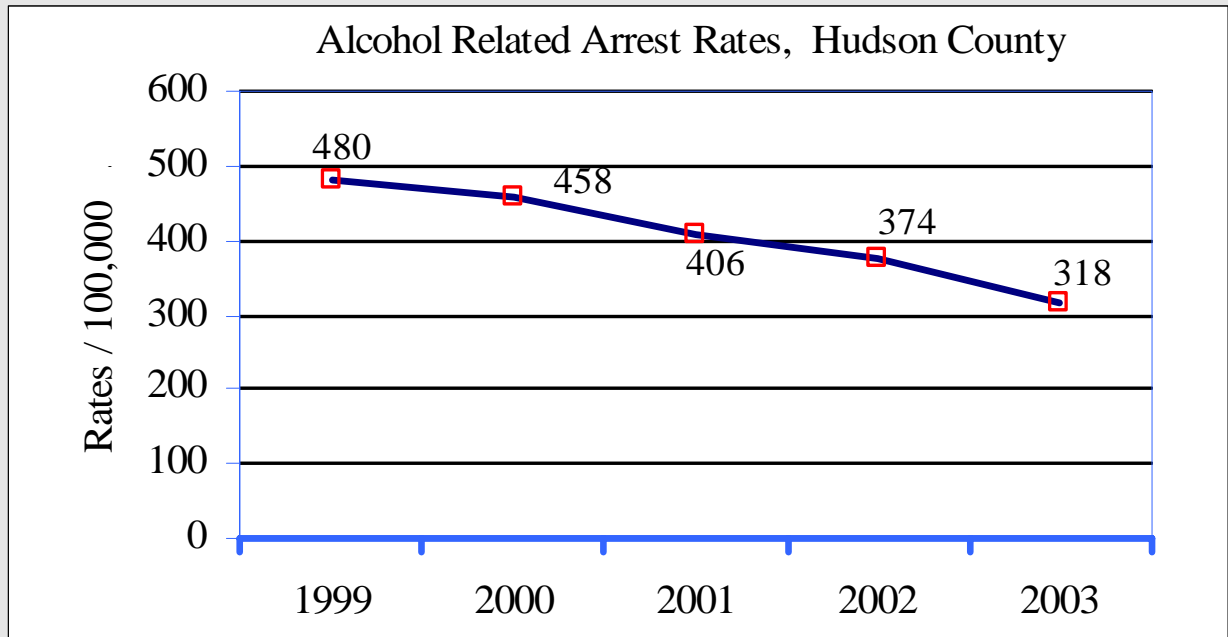
** Arrest rates are computed per 100,000 population

Alcohol Related Arrest Rates, Hudson County

Drug Attributable Arrests, 1999-2003 (5-Year Average)

Type of Offenses	Annual Arrests	Fraction of annual arrests attributable to drug abuse *			
		Adults	Juvenile	All Ages	Arrest Rates / 100,000
Homicide	268	38.9	3.4	42	0.5
Aggravated Assault	10,712	207.6	49.5	257	3.0
Sexual Assault	611	26.1	5.0	31	0.4
Other Assault	33,102	1,368.5	319.7	1,688	19.9
Robbery	4,176	794.8	341.1	1,136	13.4
Burglary	6,710	1,423.7	589.1	2,013	23.7
Larceny	29,415	6,428.9	2,277.8	8,707	102.4
Auto Theft	1,453	64.1	34.7	99	1.2
Stolen Property	7,208	778.7	309.7	1,088	12.8
Prostitution	2,401	304.4	2.9	307	3.6
Drug Laws	56,436	48,860.6	7,575.6	56,436	663.6
Total	191,624	60,296	11,509	71,805	845

* "Drug Abuse Attribution Factor" used in this study is adapted from H. Harwood (Harwood et al. 1998)

	Drug Attributable Arrest by Age					
	18 Years & Over		0-17 Years		All Ages	
	Number	Rate* *	Number	Rate**	Number	Rate**
New Jersey	60,296	942	11,509	548	71,805	845

** Arrest rates are computed per 100,000 population

Drug Related Arrest Rates, Hudson County
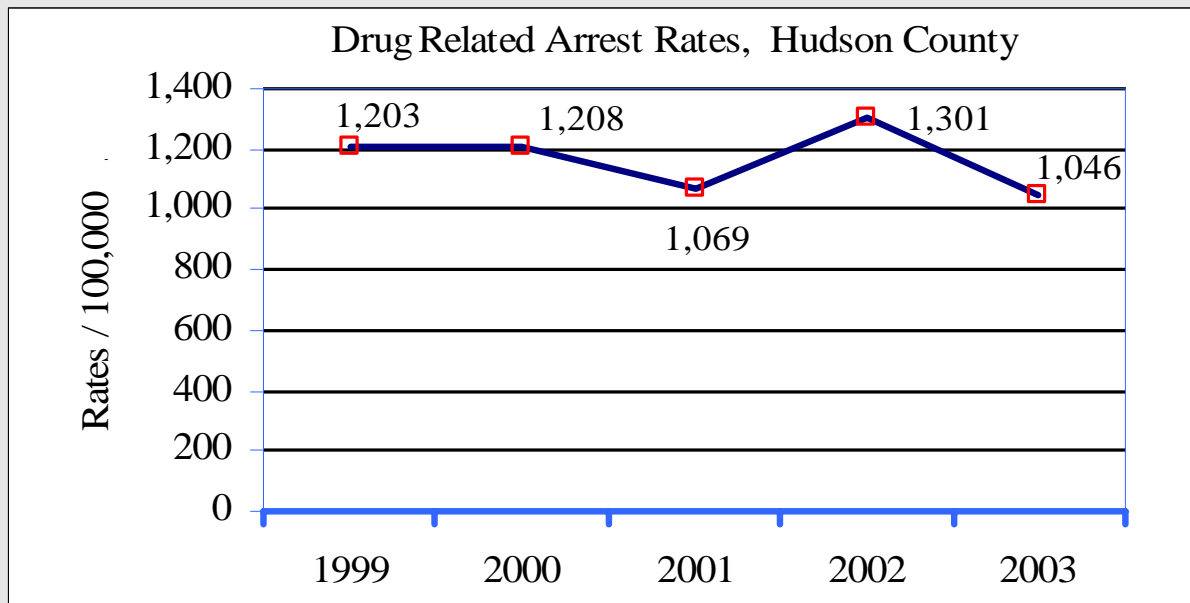
Substance Abuse Treatment Admissions Data

Introduction

Substance abuse treatment admission indicators presented in this section are based on data from New Jersey Substance Abuse Monitoring System (NJSAMS) and Alcohol & Drug Abuse Data System (ADADS)[5] maintained by Division of Addictions, New Jersey Department of Human Services. Profiles of clients served are presented by primary and secondary substance of abuse, by modality, and by demographics. Unduplicated counts of treatment admissions data are used to show patterns and amounts of services provided annually across the 21 New Jersey counties.

Treatment indicators displayed in the main body of this document are listed in item one as shown below, and indicators displayed in item two are included in Appendix D.

1. **Treatment Admissions According to Sex, Age and Ethnicity**

   - Treatment admissions by primary and secondary substance of abuse in New Jersey
   - Residential treatment admissions by modality of care in New Jersey
   - Outpatient treatment admissions by modality of care in New Jersey
   - County share of admissions by primary drug

1. **Treatment Admissions According to Sex, Age and Ethnicity**

   - Treatment admissions by primary and secondary substance of abuse in New Jersey
   - Residential treatment admissions by modality of care in New Jersey
   - Outpatient treatment admissions by modality of care in New Jersey
   - County share of admissions by primary drug

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5 ADADS (Alcohol and Drug Abuse Data System) was the surveillance system maintained by the Division of Addictions in New Jersey (before 2003) to monitor treatment activities for substance abuse and dependence in the state. It was replaced by NJSAMS, a web-based data reporting system for substance abuse providers.

Substance Abuse Treatment Admissions by Substance of Abuse
According to Sex, Age Group, Race and Ethnicity, New Jersey 2004

New Jersey

Primary Substance of Abuse						
		Total	Alcohol	Heroin	Cocaine/Crack	Marijuana	Other Drugs
	No	50,825	12,086	21,928	5,656	6,261	4,894
	%	100.0	23.8	43.1	11.1	12.3	9.6
Gender							
Male	%	69.3	74.5	65.4	61.6	82.1	65.5
Female	%	30.7	25.5	34.6	38.4	17.9	34.5
Total	%	100.0	100.0	100.0	100.0	100.0	100.0
Age at Admission							
12-17	%	5.0	2.4	0.5	1.5	29.3	3.7
18-24	%	17.6	11.0	16.3	11.9	38.9	18.7
25-44	%	58.1	53.8	65.7	70.2	29.0	57.7
45-64	%	18.9	31.3	17.4	16.2	2.7	18.9
65 & over	%	0.4	1.5	0.1	0.2	0.1	0.2
Total	%	100.0	100.0	100.0	100.0	100.0	100.0
Race & Ethnicity							
White alone	%	54.4	68.9	48.3	45.7	43.2	70.4
Black alone	%	29.1	15.8	33.5	40.6	36.5	16.9
Asian	%	0.5	1.0	0.3	0.3	0.8	0.5
American Indian	%	0.5	0.5	0.5	0.3	0.6	0.5
Hispanic	%	15.1	12.7	17.4	13.1	18.9	8.6
Other	%	0.4	0.2	0.1	0.1	0.1	3.1
Total	%	100.0	100.0	100.0	100.0	100.0	100.0

Secondary Substance of Abuse						
		Total	Alcohol	Heroin	Cocaine/Crack	Marijuana	Other Drugs
	No	26,394	5,233	2,221	11,618	5,232	2,090
	%	100.0	19.8	8.4	44.0	19.8	7.9
Gender							
Male	%	67.9	75.1	63.5	62.4	76.4	64.1
Female	%	32.1	24.9	36.5	37.6	23.6	36.0
Total	%	100.0	100.0	100.0	100.0	100.0	100.0
Age at Admission							
12-17	%	5.6	15.6	1.8	1.3	7.0	5.7
18-24	%	20.1	22.6	17.3	14.5	29.6	23.8
25-44	%	59.6	49.3	61.4	68.4	52.6	51.5
45-64	%	14.6	12.4	19.3	15.7	10.7	18.5
65 & over	%	0.1	0.1	0.2	0.1	0.1	0.5
Total	%	100.0	100.0	100.0	100.0	100.0	100.0
Race & Ethnicity							
White alone	%	53.4	44.3	71.0	46.2	62.5	75.0
Black alone	%	31.9	39.8	20.0	38.4	22.2	13.5
Asian	%	0.4	0.5	0.2	0.3	0.6	0.5
American Indian	%	0.4	0.4	0.2	0.4	0.3	0.5
Hispanic	%	13.9	15.0	8.6	14.7	14.4	10.5
Total	%	100.0	100.0	100.0	100.0	100.0	100.0

Substance Abuse Treatment Admissions by Modality of Care According to Clients' Sex, Age Group, Race and Ethnicity, New Jersey 2004													
Residential Treatment Services													
	Short-term Residential		Extended Care		Halfway House		Long-term Residential		Residential Detox		Hospital Detox/IMU		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	5,711	25.3	117	0.5	966	4.3	3,149	13.9	4,116	18.2	8,523	37.7	22,591	100
Percent Distribution													
Gender													
Male		68.0		82.1		65.1		76.8		69.9		70.7		70.5
Female		32.0		17.9		34.9		23.2		30.1		29.3		29.5
Total		100		100		100		100		100		100		100
Age at Admission													
12-17		6.3		16.2		0.0		17.2		0.2		0.1		4.1
18-24		20.2		12.8		17.5		20.7		18.3		10.2		16
25-44		53.6		41.9		67.2		51.5		60.1		69.9		61.2
45-64		19.5		29.1		15.3		10.2		21		19.5		18.3
65 & over		0.4		0.0		0.0		0.3		0.3		0.4		0.3
Race & Ethnicity													
White alone		68.2		59.4		44.9		38.0		68.6		42.0		52.9
Black alone		22.2		30.2		44.2		36.4		22.7		37.0		30.7
Asian		0.4		0.5		0.5		0.3		0.4		0.2		0.3
Am. Indian		0.3		0.0		0.7		0.4		0.2		1.0		0.5
Hispanic		8.9		9.9		9.7		24.9		8.1		19.8		15.6

Outpatient Treatment Services										
	Outpatient Care		Intensive Outpatient		Outpatient Detox		Methadone Maintenance		Total	
	N	%	N	%	N	%	N	%	N	%
	12,487	44.4	7,918	28.1	2,492	8.9	5,233	18.6	28,130	100
Percent Distribution										
Gender										
Male		24.2		36.4		37.8		40.1		31.8
Female		75.8		63.6		62.2		59.9		68.2
Total		100		100		100		100		100
Age at Admission										
12-17		6.2		9.8		0.0		0.1		5.6
18-24		23.3		19.2		10.0		12.5		18.9
25-44		52.2		53.1		66.0		62.5		55.6
45-64		17.6		17.2		23.8		24.8		19.4
65 & over		0.7		0.7		0.2		0.1		0.5
Race & Ethnicity										
White		72.0		61.9		58.1		65.8		66.8
Black		24.9		36.1		36.7		31.1		30.3
Asian		1.1		0.5		0.6		0.3		0.7
American Indian		0.7		0.4		1.2		0.5		0.6
Hispanic		0.9		0.7		2.8		1.6		1.1

| County | Residential Treatment Admissions Rate by Primary Drug - New Jersey 2002 | | | | | | |
| | Primary Drug | | | Population 2002 | Rate Per 100,000 Population | | |
	Alcohol	Drugs	Total		Alcohol	Drugs	Total
Atlantic	581	1,458	2,039	262,925	221	555	776
Bergen	1,300	1,939	3,239	905,291	144	214	358
Burlington	570	868	1,438	445,515	128	195	323
Camden	833	2,770	3,603	518,818	161	534	695
Cape May	415	514	929	102,740	404	500	904
Cumberland	437	715	1,152	149,990	291	477	768
Essex	780	8,165	8,945	808,766	96	1,010	1,106
Gloucester	434	989	1,423	264,495	164	374	538
Hudson	901	3,125	4,026	624,200	144	501	645
Hunterdon	300	377	677	126,484	237	298	535
Mercer	474	1,202	1,676	363,706	130	331	461
Middlesex	726	2,482	3,208	786,573	92	316	408
Monmouth	1,124	3,120	4,244	636,383	177	490	667
Morris	801	1,215	2,016	482,921	1,656	252	418
Ocean	699	2,080	2,779	540,901	129	385	514
Passaic	550	2,764	3,314	503,040	109	550	659
Salem	121	277	398	65,039	186	426	612
Somerset	408	724	1,132	312,948	131	231	362
Sussex	270	509	779	149,736	180	340	520
Union	566	2,974	3,540	536,736	106	554	660
Warren	301	489	790	108,253	278	452	730
New Jersey	12,828	38,756	51,584	8,695,460	148	446	594

Supplemental Indicators		New Jersey	
Social and Health Indicators	Year		Percent
A. Community Environment	**1990**	**2000**	**Change**
Population			
Population size	7,730,188	8,414,350	8.9
Density / Square mile	1,031.28	1,122.55	8.9
Population under 18 years (%)	23.28	24.81	1.5
Population 65 years and over (%)	13.35	13.23	-0.1
Economic Deprivation			
Median household income ($)	40,927	55,146	34.7
Poverty rate all ages (%)	7.58	8.50	0.9
Child poverty rate (%)	11.31	11.08	-0.2
Elderly poverty rate (%)	8.55	7.83	-0.7
Unemployment rate (%)	5.75	3.73	-2.0
Families with Children (5-17) on TANF / 1,000	10.72	5.60	-47.8
Community Attachment			
Percentage of voter's turnout *	82.46	68.47	-14.0
Percent of owner occupied housing	64.89	65.63	0.7
Crime Level			
Violent crime rate / 1,000	6.48	3.84	-40.8
Non-violent crime rate / 1,000	47.99	27.76	-42.2
Total crime rate/ 1,000	54.47	31.59	-42.0
Housing Adequacy			
Homeowner vacancy rate (%)	2.49	1.21	-1.3
Rental vacancy rate (%)	7.43	4.52	-2.9
Household size of owner occupied housing	2.87	2.81	-2.0
Household size of renter occupied housing	2.40	2.43	1.5
B. Family Structure / Child Development			
Domestic violence / 1,000	6.57	9.23	40.4
Family households with children under 18 (%)	44.89	51.99	7.1
Households with individuals 65 years and over (%)	35.15	34.44	-0.7
Child abuse and neglect / 1,000	29.78	18.65	-37.4
Teen age birth rate /1,000	41.49	30.25	-27.1
C. School Involvement			
High school graduates, persons 18+ (%)*	53.95	53.59	-0.4
High school graduates, persons 25+ (%)**	51.82	52.29	0.5
College graduates, persons 25 + (%)	24.85	29.78	4.9
D. Individual / Peer Behaviors			
Burglary / 1,000	10.17	5.22	-48.7
Larceny / 1,000	28.43	18.48	-35.0
Motor vehicle theft / 1,000	9.40	4.06	-56.8
E. Substance Abuse-Related Problems			
Alcohol treatment admissions /10,000 *	39.34	19.26	-51.0
Drug treatment admissions /10,000 *	40.99	44.98	9.7
* High school graduates with the highest level of education completed. High School or some college (%) **College graduates (25 years+). Highest level of education completed: 4 years or more college (%)			

New Jersey

Population	8,414,350	Married couple family (%)	53.5
Median Household Income ($)	55,146	Teenage Births / 1,000 births (%)	4.0
Unemployment Rate (%)	3.75	Female householder, no husband present (%)	12.6
Total Crime Rate / 1,000 Pop.	31.59	Grandparents responsible for grandchildren (%)	31.6
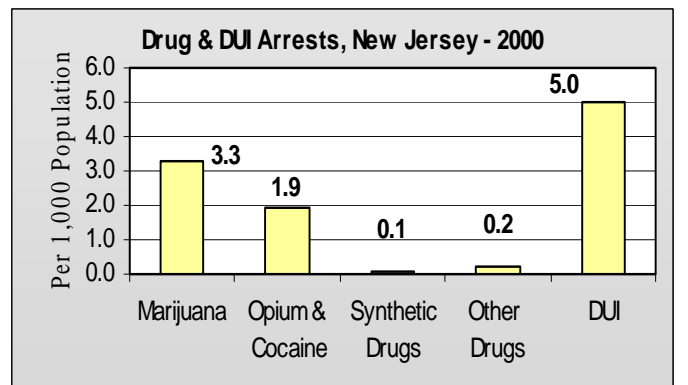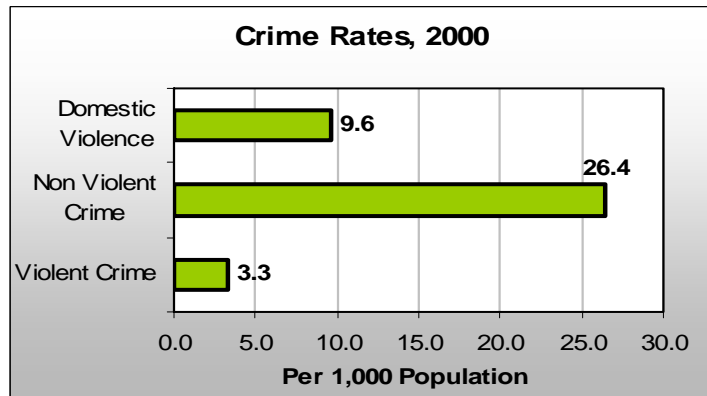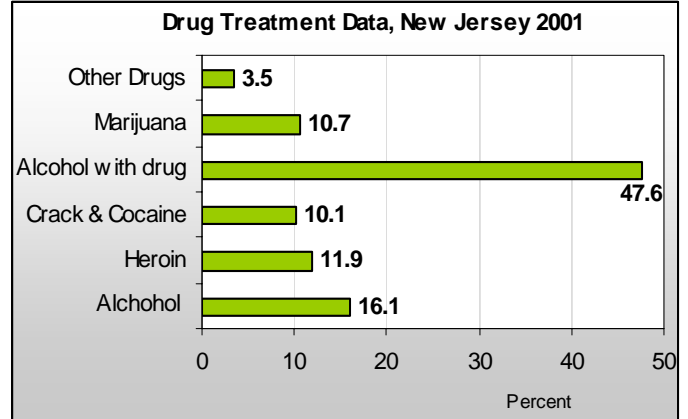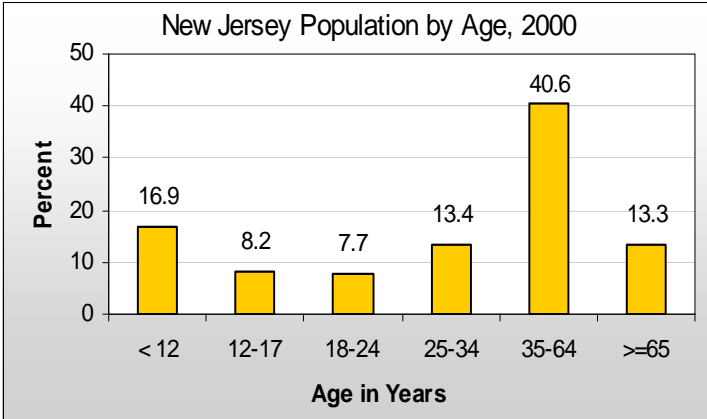
New Jersey Population by Age, 2000

Age in Years	Percent
< 12	16.9
12-17	8.2
18-24	7.7
25-34	13.4
35-64	40.6
>=65	13.3

Drug Treatment Data, New Jersey 2001

	Percent
Other Drugs	3.5
Marijuana	10.7
Alcohol with drug	47.6
Crack & Cocaine	10.1
Heroin	11.9
Alchohol	16.1

Crime Rates, 2000

Per 1,000 Population

Domestic Violence	9.6
Non Violent Crime	26.4
Violent Crime	3.3

Drug & DUI Arrests, New Jersey - 2000

Per 1,000 Population

Marijuana	3.3
Opium & Cocaine	1.9
Synthetic Drugs	0.1
Other Drugs	0.2
DUI	5.0

Selected Demographic Characteristics, 2000

Race/Ethnicity	Population Distribution (%)	Poverty Rate (%)
White alone	72.6	5.3
Black alone	13.6	10.5
Native American alone	0.2	7.0
Asian alone	5.7	6.5
Pacific Islanders alone	0.0	2.9
Other alone	5.4	10.9
2+ Races	2.5	-
Total	100.0	8.5
Hispanic	13.3	11.1

Distribution of Mothers by Prenatal Care, 2000

First Trimester	79.8%
Second Trimester	8.0%
Third Trimester	1.0%
No care / No Statistics	11.1%
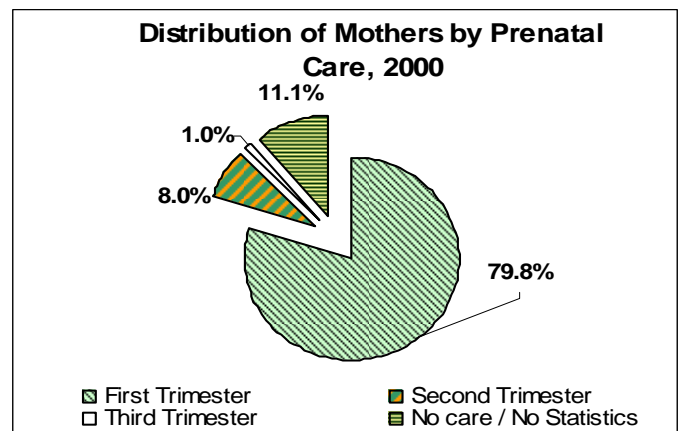
Chapter Two
County Profile of Social and Health Indicators

Introduction

The County Profile of Social and Health Indicators is derived from archival sources published by the U.S. Bureau of the Census and New Jersey governmental agencies, including the Departments of Human Services, Health & Senior Services, Education, and Law and Public Safety. Data are also obtained from DAS' Alcohol & Drug Abuse Data System and from DAS-sponsored needs assessment surveys.

The presentation of information is organized according to the four major categories of social indicators specified in the core protocol. A table of supplemental indicators is included at the end of the core indicators data. Maps and tables display current demographic profiles, mortality indicators that are related to drug and alcohol abuse causality factors, criminal justice data specific to alcohol related arrests and drug related arrests, and substance abuse treatment indicators.

Population:
- Population size, growth, and crime rate by municipalities
- County demographic characteristics (age, race, density and poverty level)

Mortality Data:
- Drug attributable death by gender and race
- Alcohol attributable death by gender and race

Criminal Justice Data:
- Alcohol related crime by age and by type of offences
- Drug related crime by age and by type of offences

Substance Abuse Treatment Admissions Data:
- Substance abuse treatment admissions by primary substance of abuse
- Substance abuse treatment admissions by secondary substance of abuse
- Substance abuse treatment admissions by modality of care
- Substance abuse treatment admissions by demographics

Supplemental Indicators Table

Hudson County　　　　　　**General Profile**

Population, 2000
- Population Size　　　　　608,975.0
- Density　　　　　　　　　47.0
- Median age:　　　　　　　33.6
- 18 years old and over :(%)　77.4
- 65 years old and over :(%)　11.4

Mortality Rates/100,000 Attributable To:
- Alcohol　　　　　　　　25.7
- Drug　　　　　　　　　　8.6

Arrest Rates/100,000 Attributable To:
- Alcohol　　　　　　　　406.0
- Drug　　　　　　　　　1,136
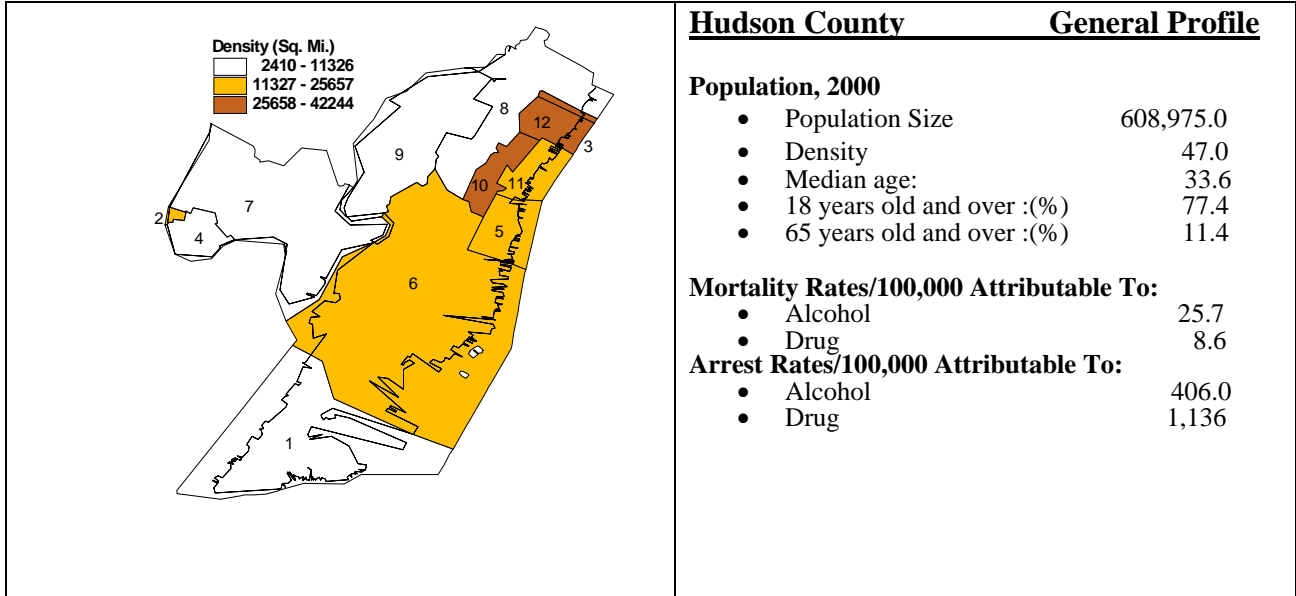
No.	Municipality	Population	Median Household Income ($)	Treatment Admissions Rate Per 10,000		Crime Rate Per 1,000	
				Alcohol	**Drug**	**Violent Crime**	**Total Crime**
1	Bayonne City	61,842	41,566	27.49	54.01	2.8	22.0
2	East Newark Borough	2,377	44,352	33.66	58.90	3.4	22.3
3	Guttenberg Town	10,807	44,515	8.42	14.96	2.1	16.6
4	Harrison Town	14,424	41,350	13.17	29.12	3.2	33.2
5	Hoboken City	38,577	62,550	6.98	28.71	3.7	37.4
6	Jersey City	240,055	37,862	26.54	84.56	12.0	52.4
7	Kearny Town	40,513	47,757	19.01	43.20	2.0	32.8
8	North Bergen Township	58,092	40,844	11.51	20.62	2.1	31.0
9	Secaucus Town	15,931	59,800	10.10	25.25	1.7	38.2
10	Union City	67,088	30,642	7.01	23.70	4.8	36.1
11	Weehawken Township	13,501	50,196	28.15	41.48	1.3	39.1
12	West New York Town	45,768	31,980	15.73	35.61	3.5	29.7
	Hudson County	**608,975**	**40,293**	**19.50**	**53.50**	**6.6**	**39.6**

5-Year Average Mortality Data , 1998-2002		Population	
Demographic Characteristics	**Hudson County**		**New Jersey**
Population	608,975		8,414,350
Population Density	13,118		1,122
Median Age (years)	33.6		36.7
Age distribution - 2000			
Age 0 -11	15.3%		16.7%
Age 12-14	3.5%		4.2%
Age 15-17	3.9%		3.8%
Age 18-24	10.3%		8.1%
Age 25-34	19.6%		14.1%
Age 35-64	36.1%		39.9%
Age 65+	11.3%		13.2%
Race / Ethnicity			
One Race	**94.4%**		**97.5%**
White	55.6%		72.6%
Black or African American	13.5%		13.6%
American Indian	0.4%		0.2%
Asian/Pacific Islander	9.4%		5.7%
Other	15.5%		5.4%
Two or more races	**5.6%**		**2.5%**
Hispanic or Latino	**39.8%**		**13.3%**

Population by Age and Sex (percent of each sex)

Male	Age	Female

Male	Age	Female
0.73	85+	1.95
1.11	80-84	2.13
1.80	75-79	2.91
2.45	70-74	3.25
2.85	65-69	3.48
3.55	60-64	3.98
4.18	55-59	4.58
5.31	50-54	5.79
6.25	45-49	6.42
7.60	40-44	7.36
9.02	35-39	8.15
10.11	30-34	8.93
10.61	25-29	9.50
8.25	20-24	7.54
6.43	10-14	5.95
6.62	0-4	6.11
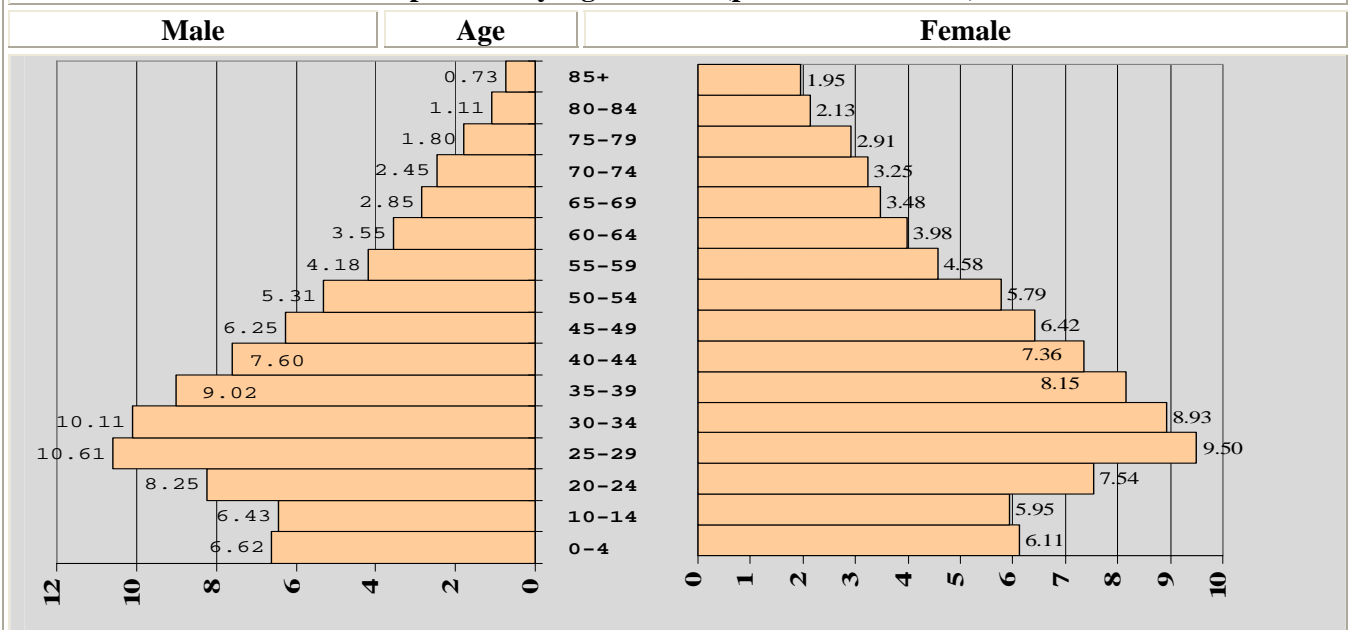
5-Year Average Mortality Data , 1998-2   Hudson County

Drug Attributable Death by Gender

Gender	Drug Caused	Drug Related	Total	Crude Rate*	Age-adjusted Rate**	
					County	State
Male	13.0	24.0	37.0	12.5	11.8	9.6
Female	2.0	10.0	12.0	3.8	3.6	3.1
All	15.0	34.0	49.0	8.1	7.8	6.2

Alcohol Attributable Death by Gender

Gender	Alcohol Caused	Alcohol Related	Total	Crude Rate*	Age-adjusted Rate**	
					County	State
Male	31.0	73.0	104.0	34.8	32.9	31.7
Female	8.0	44.0	52.0	16.9	15.9	18.4
All	39.0	117.0	156.0	25.7	24.2	24.9

Drug Attributable Death by Race

Race	Number	Crude Rate*	Age-adjusted Rate**	
			County	State
White	34.0	10.1	9.6	7.8
Black	14.0	17.5	16.5	19.2

Alcohol Attributable Death by Race, 1999

Race	Number	Crude Rate*	Age-adjusted Rate**	
			County	State
White	96.0	27.9	26.3	29.0
Black	26.0	32.0	30.2	32.0

*   Crude rates are computed per 100,000 mid-year County population
** Age-adjusted rates are computed per 100,000 of the 2000 standard population

Alcohol Attributable Arrests, 1999-2003 (5-Year Average)

Type of Offenses	Annual Arrests in County	Fraction of Annual Arrests Attributable to Alcohol Abuse*			Arrest Rates / 100,000	
		Adults	Juvenile	All Ages	Hudson County	New Jersey
Homicide	29	8.0	0.7	8.7	1.4	0.9
Aggravated Assault	1,437	350.4	80.7	431.1	70.3	37.8
Sexual Assault	26	4.5	1.4	5.9	1.0	1.6
Other Assault	2,430	626.9	102.1	728.9	118.9	116.8
Robbery	707	14.6	9.5	24.0	3.9	1.7
Burglary	486	14.0	3.5	17.5	2.9	2.8
Larceny	2,037	49.2	7.8	57.0	9.3	9.7
Auto Theft	65	14.1	8.7	22.8	3.7	6.0
DUI	899	895.4	3.8	899.2	146.6	337.8
Liquor Laws	297	194.4	102.2	296.6	48.4	125.8
Total	8,413	2,171.4	320.0	2,491.7	406.3	640.6

*   "Alcohol Abuse Attribution Factor" used in this study is adopted from H. Harwood (Harwood et al. 1998)

	Alcohol Attributable Arrests by Age					
	18 Years & Over		0-17 Years		All Ages	
	Number	Rate**	Number	Rate**	Number	Rate**
Hudson County	2,171	459	320	228	2,491	406
New Jersey	47,916	748	6,561	312	54,477	641

** Arrest rates are computed per 100,000 population

Alcohol Related Arrest Rates, Hudson County

Drug Attributable Arrests, 1999-2003 (5-Year Average)

Type of Offenses	Annual Arrests in County	Fraction of annual arrests attributable to drug abuse *			Arrest Rates / 100,000	
		Adults	Juvenile	All Ages	Hudson County	New Jersey
Homicide	29	4.2	0.3	4.6	0.7	0.5
Aggravated Assault	1,437	28.0	6.5	34.5	5.6	3.0
Sexual Assault	26	1.0	0.3	1.3	0.2	0.4
Other Assault	2,430	106.6	17.4	123.9	20.2	19.9
Robbery	707	116.5	75.7	192.2	31.3	13.4
Burglary	486	116.6	29.3	145.9	23.8	23.7
Larceny	2,037	520.2	82.6	602.9	98.3	102.4
Auto Theft	65	2.7	1.7	4.4	0.7	1.2
Stolen Property	687	77.8	25.9	103.7	16.9	12.8
Prostitution	200	25.3	0.4	25.7	4.2	3.6
Drug Laws	5,731	5,061.4	669.8	5,731.2	934.4	663.6
Total	15,002	6,060	910	6,970	1,137	845

*　　"Drug Abuse Attribution Factor" used in this study is adopted from H. Harwood (Harwood et al. 1998)

	Drug Attributable Arrests by Age					
	18 Years & Over		0-17 Years		All Ages	
	Number	Rate**	Number	Rate**	Number	Rate**
Hudson County	6,060	1,281	910	649	6,970	1,137
New Jersey	60,298	942	11,508	548	71,806	844

** Arrest rates are computed per 100,000 population
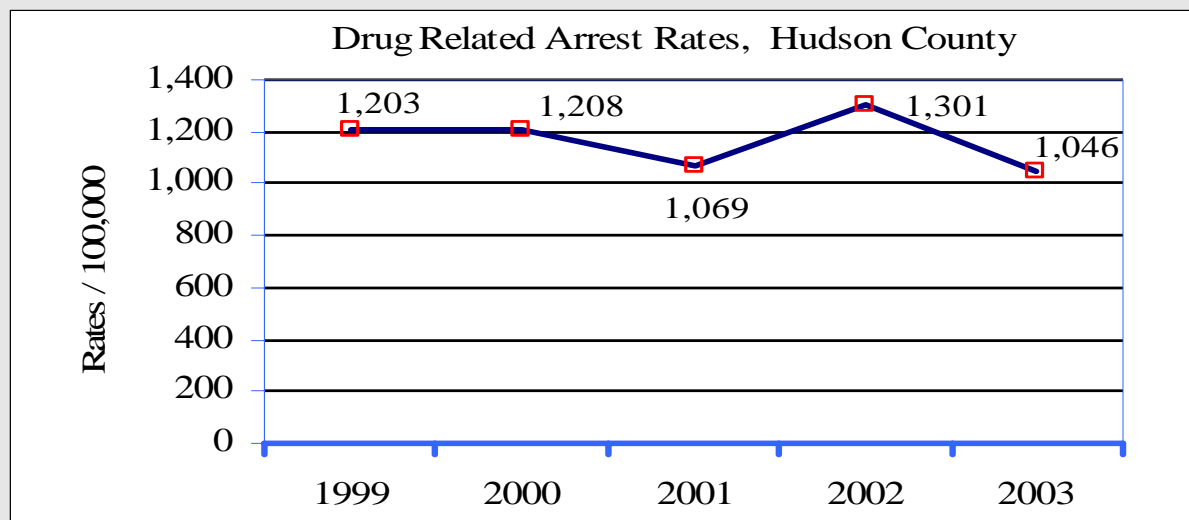
Drug Related Arrest Rates, Hudson County

Substance Abuse Treatment Admissions by Substance of Abuse							
According to Sex, Age Group, Race and Ethnicity, 2004							
							Hudson County
Primary Substance of Abuse							
		Total		Alcohol	Heroin	Cocaine/Crack	Marijuana	Other Drugs
	No	3,672		716	1,916	349	419	272
	%	100.0		19.5	52.2	9.5	11.4	7.4
Gender							
Male	%	73.9		83.2	71.2	65.0	80.4	69.9
Female	%	26.1		16.8	28.8	35.0	19.6	30.2
Total	%	100.0		100.0	100.0	100.0	100.0	100.0
Age at Admission							
12-17	%	3.1		1.2	0.1	2.4	21.5	1.8
18-24	%	13.4		11.5	7.4	12.0	43.5	16.2
25-44	%	65.3		56.1	74.7	69.3	33.3	66.9
45-64	%	17.8		29.2	17.8	16.3	1.7	15.1
65 & over	%	0.4		2.0	0.1	0.0	0.0	0.0
Total	%	100.0		100.0	100.0	100.0	100.0	100.0
Race & Ethnicity							
White alone	%	32.2		40.8	31.7	34.4	17.2	32.7
Black alone	%	32.0		23.2	34.2	32.4	35.8	33.1
Asian	%	0.6		1.1	0.4	0.0	0.5	1.8
American Indian	%	1.0		1.4	0.9	0.0	0.4	2.9
Hispanic	%	34.0		33.4	32.7	33.2	46.1	26.5
Other	%	0.3		0.1	0.1	0.0	0.0	2.9
Total	%	100.0		100.0	100.0	100.0	100.0	100.0

Secondary Substance of Abuse							
		Total		Alcohol	Heroin	Cocaine/Crack	Marijuana	Other Drugs
	No	1,781		383	110	838	282	168
	%	100.0		21.5	6.2	47.1	15.8	9.4
Gender							
Male	%	72.0		73.9	77.3	67.9	80.1	70.8
Female	%	28.0		26.1	22.7	32.1	19.9	29.2
Total	%	100.0		100.0	100.0	100.0	100.0	100.0
Age at Admission							
12-17	%	2.9		6.0	0.0	0.7	5.0	5.4
18-24	%	16.0		19.9	8.2	10.8	22.7	27.4
25-44	%	65.3		59.7	66.4	72.0	60.6	51.8
45-64	%	15.7		14.4	25.5	16.4	11.7	15.5
65 & over	%	0.1		0.0	0.0	0.1	0.0	0.0
Total	%	100.0		100.0	100.0	100.0	100.0	100.0
Race & Ethnicity							
White	%	32.2		24.6	41.8	32.8	30.2	43.4
Black	%	36.3		46.0	38.2	36.3	29.8	23.8
Asian	%	0.3		0.0	0.0	0.6	0.7	31.5
American Indian	%	0.9		1.1	0.9	0.9	0.0	1.2
Hispanic	%	30.3		28.3	19.1	29.4	39.3	31.1
Total	%	100.0		100.0	100.0	100.0	100.0	100.0

Substance Abuse Treatment Admissions by Modality of Care According to Clients' Sex, Age Group, Race and Ethnicity, 2004													

Residential Treatment Services

	Short-term Residential		Extended Care		Halfway House		Long-term Residential		Residential Detox		Hospital Detox/IMU		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	220	11.1	3	0.1	65	3.3	440	22.1	53	2.6	1,208	60.7	1,989	100
Percent Distribution														
Gender														
Male	73.2		100		69.2		83.0		71.7		74.0		75.7	
Female	26.8		0.0		30.8		17.0		28.3		26.0		24.3	
Both	100		100		100		100		100		100		100	
Age at Admission														
12-17	8.6		0.0		0.0		13.2		0.0		0.0		3.9	
18-24	14.1		0.0		20		21.4		17		6.3		11.2	
25-44	62.3		100		67.7		57		56.6		75.8		69.4	
45-64	15		0.0		12.3		8.4		26.4		17.7		15.4	
65 & over	0.0		0.0		0.0		0.0		0.0		0.2		0.2	
Race & Ethnicity														
White alone	47.5		0.0		26.2		13.9		45.3		32.5		29.9	
Black alone	25.5		100.0		50.8		36.4		41.5		36.5		35.8	
Asian	0.5		0.0		1.5		0.7		0.0		0.6		0.5	
Am. Indian	1.0		0.0		1.5		0.0		1.9		1.9		1.4	
Hispanic	25.5		0.0		20.0		49.0		11.3		28.5		32.4	

Outpatient Treatment Services										
	Outpatient Care		**Intensive Outpatient**		**Outpatient Detox**		**Methadone Maintenance**		Total	
	N	%	N	%	N	%	N	%	N	%
	739	44.0	455	27.1	234	13.9	252	15.0	1,680	100
Percent Distribution										
Gender										
Male	20.2		34.3		36.3		32.9		28.2	
Female	79.8		65.7		63.7		67.1		71.8	
Both	100		100		100		100		100	
Age at Admission										
12-17	4.6		0.4		0.0		0.0		2.3	
18-24	19.4		20.9		6.4		6.0		16.0	
25-44	55.8		60.2		70.9		64.7		60.5	
45-64	19.5		17.1		22.6		29.0		20.7	
65 & over	0.7		1.3		0.0		0.4		0.7	
Race & Ethnicity										
White	76.1		42.0		65.4		71.3		64.6	
Black	20.8		55.2		32.9		27.9		32.9	
Asian	0.9		0.9		0.4		0.4		0.8	
American Indian	1.9		1.7		0.9		0.0		1.4	
Hispanic	0.3		0.2		0.4		0.4		0.3	

Social and Health Indicators	Year		Percent
A. Community Environment	1990	2000	Change
Population			
Population size	553,099	608,975	10.1
Density / Square mile	11,915.10	13,118.81	10.1
Population under 18 years (%)	22.14	22.58	0.4
Population 65 years and over (%)	12.73	11.38	-1.4
Economic Deprivation			
Median household income ($)	30,917	40,293	30.3
Poverty rate all ages (%)	14.84	15.52	0.7
Child poverty rate (%)	23.88	22.38	-1.5
Elderly poverty rate (%)	15.24	15.70	0.5
Unemployment rate (%)	8.81	5.63	-3.2
Families with Children (5-17) on TANF / 1,000	24.77	13.47	-45.6
Community Attachment			
Percentage of voter turnout	78.97	62.38	-16.6
Percent of owner occupied housing	32.50	30.66	-1.8
Crime Level			
Violent crime rate / 1,000	11.22	6.59	-41.3
Non-violent crime rate / 1,000	65.13	33.05	-49.3
Total crime rate/ 1,000	76.35	39.64	-48.1
Housing Adequacy			
Homeowner vacancy rate (%)	4.83	1.24	-3.6
Rental vacancy rate (%)	7.15	2.74	-4.4
Household size of owner occupied housing	2.84	2.81	-1.1
Household size of renter occupied housing	2.51	2.51	0.0
B. Family Structure / Child Development			
Domestic violence / 1,000	6.15	9.86	60.3
Family households with children under 18 (%)	45.38	53.36	8.0
Households with individuals 65 years and over (%)	32.41	29.15	-3.3
Child abuse and neglect / 1,000	34.04	20.19	-40.7
Teen age birth rate /1,000	61.67	47.63	-22.8
C. School Involvement			
High school graduates, persons 18+ (%)*	46.41	46.67	0.3
High school graduates, persons 25+ (%)*	44.33	45.24	0.9
College graduates, persons 25 + (%)**	19.72	25.28	5.6
D. Individual / Peer Behaviors			
Burglary / 1,000	15.82	7.23	-54.3
Larceny / 1,000	31.62	18.15	-42.6
Motor vehicle theft / 1,000	17.69	7.67	-56.7
E. Substance Abuse-Related Problems			
Alcohol treatment admissions /10,000	34.90	19.49	-44.1
Drug treatment admissions /10,000	54.29	53.53	-1.4

* High school graduates with the highest level of education completed: High school or some college (%)

**College graduates of Persons over 25 years old. Highest level of education completed: 4 years or more college (%)

Hudson County

Population	608,975	Married couple family (%)	39.8
Median Household Income ($)	40,393	Teenage Births / 1,000 births (%)	7.7
Unemployment Rate (%)	5.6	Female householder, no husband present (%)	16.6
Total Crime Rate / 1,000 Pop.	39.6	Grandparents responsible for grandchildren (%)	32.4
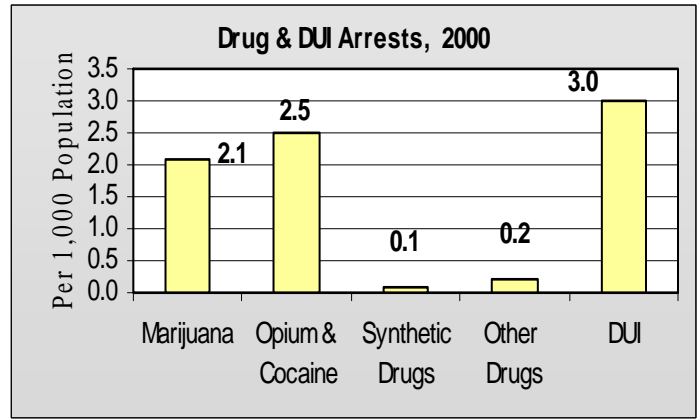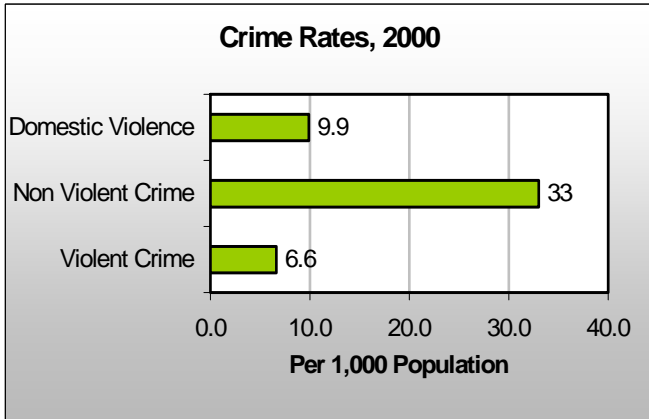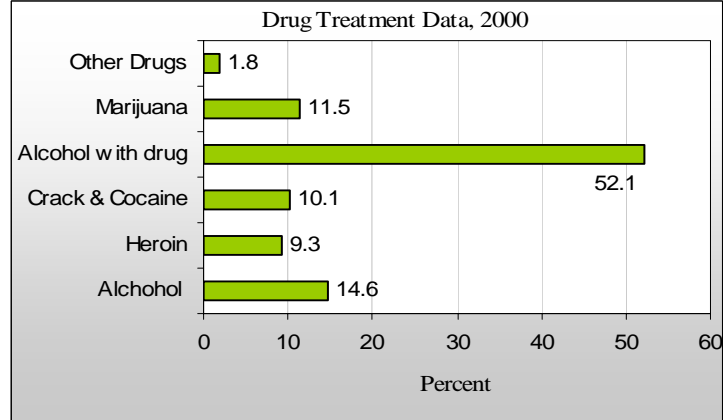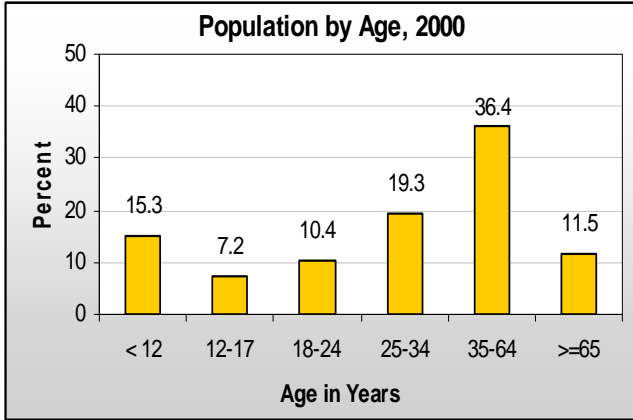
Population by Age, 2000

Percent / Age in Years

- < 12: 15.3
- 12-17: 7.2
- 18-24: 10.4
- 25-34: 19.3
- 35-64: 36.4
- >=65: 11.5

Drug Treatment Data, 2000

Percent

- Other Drugs: 1.8
- Marijuana: 11.5
- Alcohol with drug: 52.1
- Crack & Cocaine: 10.1
- Heroin: 9.3
- Alchohol: 14.6

Crime Rates, 2000

Per 1,000 Population

- Domestic Violence: 9.9
- Non Violent Crime: 33
- Violent Crime: 6.6

Drug & DUI Arrests, 2000

Per 1,000 Population

- Marijuana: 2.1
- Opium & Cocaine: 2.5
- Synthetic Drugs: 0.1
- Other Drugs: 0.2
- DUI: 3.0

Selected Demographic Characteristics, 2000

Race/Ethnicity	Population Distribution (%)	Poverty Rate (%)
White alone	55.5	12.9
Black alone	13.5	22.5
Native American alone	0.4	12.5
Asian alone	9.4	13.0
Pacific Islanders alone	0.1	23.5
Other alone	15.5	17.9
2+ Races	5.6	-
Total	100	15.5
Hispanic	39.8	17.6

Distribution of Mothers by Prenatal Care, 2000

- 68.0%
- 14.6%
- 3.0%
- 14.5%

First Trimester / Second Trimester / Third Trimester / No care / No Statistics
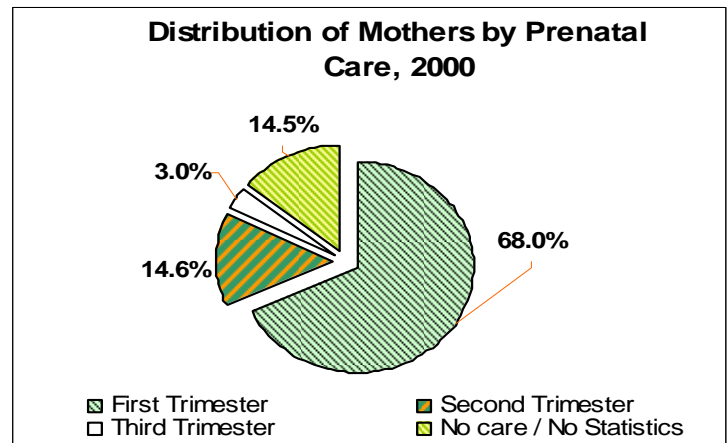
Appendix A – Population Profile
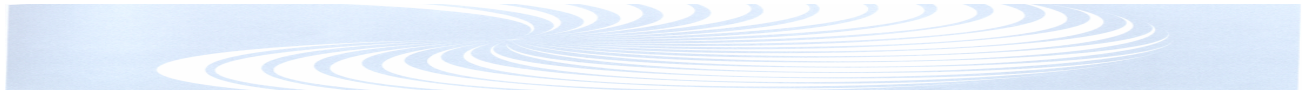
Summary Data Tables of New Jersey Population by County

Population Distribution by Region and County, 1950 – 2000

	Total Population			Percent Distribution		
	1950	**1990**	**2000**	**1950**	**1990**	**2000**
New Jersey Regions	**4,835,329**	**7,730,188**	**8,414,350**	**100%**	**100%**	**100%**
Mature Core Metropolis	**2,827,756**	**3,121,126**	**3,137,723**	**58.5**	**40.3**	**38.8**
• Essex	905,949	778,206	748,322	18.7	10.0	9.2
• Hudson	647,437	553,099	553,030	13.4	7.1	6.8
• Union	398,138	493,819	498,893	8.2	6.4	6.2
• Bergen	539,139	825,380	854,428	11.1	10.7	10.6
• Passaic	337,093	453,060	483,050	7.0	6.1	6.0
Northern Exurban Fringe	**88,797**	**222,550**	**241,838**	**1.8**	**2.9**	**3.0**
• Sussex	34,423	130,943	143,139	0.7	1.7	1.8
• Warren	34,374	91,607	98,699	1.1	1.2	1.2
New Jersey Wealth Belt	**1,026,139**	**2,320,136**	**2,511,001**	**21.2**	**29.9**	**31.0**
• Hunterdon	42,736	107,776	122,389	0.9	1.4	1.5
• Mercer	229,781	325,824	331,474	4.8	4.2	4.1
• Middlesex	264,872	671,780	712,638	5.5	8.7	8.8
• Monmouth	223,327	553,124	603,214	4.7	7.1	7.5
• Morris	164,371	421,353	459,012	3.4	5.4	5.7
• Somerset	99,052	240,279	282,274	2.0	3.1	3.5
Metro South	**528,380**	**1,127,972**	**1,173,563**	**10.9**	**14.6**	**14.5**
• Camden	300,743	502,824	504,268	6.2	6.5	6.2
• Burlington	133,910	395,066	421,283	2.8	5.1	5.2
• Gloucester	91,727	230,082	248,012	1.9	3.0	3.1
Southern Shore	**226,132**	**752,619**	**826,093**	**4.7**	**9.7**	**10.2**
• Atlantic	132,399	224,327	237,988	2.7	2.9	2.9
• Cape May	37,131	95,089	98,011	0.8	1.2	1.2
• Ocean	56,622	433,203	490,104	1.2	5.6	6.1
Rural South	**138,105**	**203,347**	**205,324**	**2.9**	**2.6**	**2.5**
• Cumberland	88,597	138,053	140,389	1.8	1.8	1.7
• Salem	49,508	65,294	64,935	1.0	0.8	0.8

Source: U. S, Census Bureau, 2000 Census of Population and Housing & New Jersey State Data Center

Table A2.	Population Change, New Jersey, 1980 - 2000						
	Total Population					Percent Change	
	1980	1990	2000	2001	2002	1980-1990	1990-2000
New Jersey	7,365,011	7,730,188	8,414,350	8,511,119	8,590,276	5.0 %	8.9 %
Atlantic	194,119	224,327	252,552	255,578	259,423	15.6	12.6
Bergen	843,385	825,380	884,118	890,756	895,091	-2.4	7.1
Burlington	362,542	395,066	423,394	430,219	437,871	9.0	7.2
Camden	471,650	502,824	508,932	509,461	511,957	6.6	1.2
Cape May	82,266	95,089	102,326	102,181	102,013	15.6	7.6
Cumberland	132,866	138,053	146,438	146,871	147,768	3.9	6.1
Essex	851,304	778,206	793,633	795,573	798,274	-8.6	2.0
Gloucester	199,917	230,082	254,673	257,853	262,049	15.1	10.7
Hudson	556,972	553,099	608,975	614,061	611,439	-0.7	10.1
Hunterdon	87,361	107,776	121,989	123,989	125,795	23.4	13.2
Mercer	307,863	325,824	350,761	355,432	359,463	5.8	7.7
Middlesex	595,893	671,780	750,162	764,971	775,549	12.7	11.7
Monmouth	503,173	553,124	615,301	623,212	629,836	9.9	11.2
Morris	407,630	421,353	470,212	473,973	478,730	3.4	11.6
Ocean	346,038	433,203	510,916	524,337	537,065	25.2	17.9
Passaic	447,585	453,060	489,049	494,094	496,646	1.2	7.9
Salem	64,676	65,294	64,285	64,173	64,438	1.0	-1.5
Somerset	203,129	240,279	297,490	304,737	309,886	18.3	23.8
Sussex	116,119	130,943	144,166	146,522	148,680	12.8	10.1
Union	504,094	493,819	522,541	527,482	530,766	-2.0	5.8
Warren	84,429	91,607	102,437	105,644	107,537	8.5	11.8
Source:	US Bureau of the Census						

Table A3	County Population by Age, New Jersey, 2000						
Year 2000	Age Groups						
	Total	**0-11**	**12-14**	**15-17**	**18-24**	**25-44**	**45-64**	**65+**
New Jersey	8,414,350	1,404,544	354,346	315,130	690,165	2,624,146	1,912,882	1,113,136
Counties								
Atlantic	252,552	42,954	11,008	9,580	20,680	77,332	56,561	34,437
Bergen	884,118	136,895	34,141	29,310	61,436	270,628	216,888	134,820
Burlington	423,394	70,051	18,731	16,115	33,180	133,494	98,605	53,218
Camden	508,932	89,155	24,154	21,143	42,851	155,392	112,468	63,769
Cape May	102,326	14,626	4,262	3,649	6,883	26,079	26,146	20,681
Cumberland	146,438	24,314	6,557	6,035	12,775	45,650	32,020	19,087
Essex	793,633	140,778	34,194	31,635	74,651	247,139	170,856	94,380
Gloucester	254,673	43,689	11,986	11,192	22,974	77,478	57,676	29,678
Hudson	608,975	92,856	22,600	22,430	62,982	216,800	122,036	69,271
Hunterdon	121,989	21,026	5,567	4,150	7,738	38,182	33,098	12,228
Mercer	350,761	56,375	14,489	14,879	34,518	107,282	79,078	44,140
Middlesex	750,162	120,006	29,524	29,057	70,335	245,944	162,706	92,590
Monmouth	615,301	107,722	27,787	22,865	44,541	186,989	148,474	76,923
Morris	470,212	80,110	19,455	15,959	31,210	150,154	118,794	54,530
Ocean	510,916	80,136	20,339	17,214	35,004	132,976	111,987	113,260
Passaic	489,049	87,217	20,866	19,405	45,476	153,019	104,033	59,033
Salem	64,285	10,527	2,908	2,793	5,261	17,939	15,546	9,311
Somerset	297,490	53,212	12,332	9,249	18,713	100,664	69,939	33,381
Sussex	144,166	26,433	7,258	5,739	9,778	45,382	36,424	13,152
Union	522,541	88,609	21,586	18,871	42,344	163,587	115,503	72,041
Warren	102,437	17,853	4,603	3,860	6,835	32,036	24,044	13,206
Source:	US Bureau of the Census							

Year 2005	Age Groups						
	Total	**0-11**	**12-17**	**18-24**	**25-44**	**45-64**	**65+**
New Jersey	8,741,700	1,370,460	753,720	795,620	2,483,100	2,200,200	1,138,500
Counties							
Atlantic	263,500	40,480	24,060	23,760	71,700	67,900	35,700
Bergen	904,900	135,780	71,820	69,200	256,100	239,000	133,100
Burlington	446,100	68,880	38,460	41,960	122,200	116,600	58,000
Camden	515,000	83,520	48,000	50,680	140,300	129,100	63,300
Cape May	103,200	12,720	8,460	8,020	22,200	30,800	20,800
Cumberland	149,600	22,040	13,020	14,240	45,500	35,600	19,000
Essex	811,700	140,860	72,840	84,800	229,900	190,000	93,200
Gloucester	267,800	42,220	25,260	27,820	70,900	69,600	32,100
Hudson	624,100	94,120	47,880	64,900	214,200	133,800	69,300
Hunterdon	128,200	20,200	11,220	9,480	34,200	39,700	13,300
Mercer	363,400	54,680	33,960	40,160	99,000	90,700	44,800
Middlesex	793,700	120,380	68,460	79,360	241,600	187,100	96,600
Monmouth	643,200	103,040	57,900	53,360	174,400	174,600	80,000
Morris	488,900	77,760	40,560	35,580	141,900	134,000	59,300
Ocean	551,700	76,460	43,080	42,260	129,700	140,800	119,400
Passaic	504,500	83,840	45,600	51,660	148,000	117,200	58,200
Salem	64,900	10,040	5,820	6,240	16,200	17,500	9,100
Somerset	319,700	53,240	26,520	22,340	97,100	83,900	36,800
Sussex	151,400	24,700	14,640	12,460	40,900	44,700	14,100
Union	536,200	87,780	46,200	48,620	156,700	128,100	68,800
Warren	110,000	17,720	9,960	8,720	30,400	29,500	13,600

Table A4   County Population by Age, New Jersey, 2005

Source: US Bureau of the Census, 5-01-2000

Year 2010	Age Groups						
Table A5 County Population by Age, New Jersey, 2010							
	Total	**0-11**	**12-17**	**18-24**	**25-44**	**45-64**	**65+**
New Jersey	9,062,300	1,338,360	753,600	921,740	2,414,300	2,448,500	1,185,800
Counties							
Atlantic	273,100	38,480	24,300	28,120	66,400	78,800	37,000
Bergen	923,400	131,120	74,760	80,220	245,400	258,900	133,000
Burlington	461,700	66,240	36,180	46,780	117,000	131,700	63,800
Camden	522,700	81,660	44,220	55,420	134,800	142,100	64,500
Cape May	103,700	11,260	7,440	8,900	19,800	34,800	21,500
Cumberland	151,800	20,000	11,280	13,620	48,200	39,400	19,300
Essex	838,300	143,600	71,340	97,960	225,700	205,000	94,700
Gloucester	277,600	41,220	24,060	31,920	66,600	78,700	35,100
Hudson	651,700	100,860	46,980	71,760	216,300	148,200	67,600
Hunterdon	134,500	18,380	11,520	11,400	32,800	45,000	15,400
Mercer	373,600	51,940	32,040	49,020	96,700	97,700	46,200
Middlesex	832,200	119,000	69,840	96,860	237,200	207,800	101,500
Monmouth	665,800	96,280	59,280	63,440	165,900	195,400	85,500
Morris	506,500	71,880	42,900	42,820	136,100	146,700	66,100
Ocean	593,300	72,060	44,820	49,620	128,500	169,100	129,200
Passaic	525,000	82,100	46,380	60,120	148,600	129,400	58,400
Salem	65,200	9,940	5,400	6,560	15,500	18,600	9,200
Somerset	340,100	53,100	29,460	25,940	93,400	97,100	41,100
Sussex	158,100	23,220	14,340	14,940	38,300	50,600	16,700
Union	548,100	86,880	47,220	56,800	151,600	140,200	65,400
Warren	115,900	19,140	9,840	9,520	29,500	33,300	14,600
Source:	US Bureau of the Census, 5-01-2000						

Table A6 County Male Population by Age, New Jersey Counties, 2000								
Year	Age Groups							
2000	Total	0-11	12-14	15-17	18-24	25-44	45-64	65+
New Jersey	4,082,813	718,731	181,625	162,612	353,036	1,300,195	919,834	446,780
Counties								
Atlantic	122,074	21,813	5,642	4,917	10,454	37,879	27,335	14,034
Bergen	425,436	69,958	17,536	15,232	31,524	132,884	103,576	54,726
Burlington	209,402	35,760	9,681	8,419	18,281	67,455	47,846	21,960
Camden	245,577	45,853	12,429	10,844	21,504	75,992	53,542	25,413
Cape May	49,190	7,547	2,219	1,921	3,567	12,703	12,633	8,600
Cumberland	74,730	12,500	3,394	3,143	6,896	25,482	15,716	7,599
Essex	377,533	71,918	17,337	16,124	36,898	119,385	79,209	36,662
Gloucester	123,207	22,278	6,152	5,693	11,480	37,521	28,057	12,026
Hudson	299,064	47,520	11,542	11,566	32,387	111,632	57,695	26,722
Hunterdon	60,240	10,792	2,801	2,158	4,409	18,203	16,630	5,247
Mercer	170,750	28,674	7,429	7,577	17,657	53,829	37,994	17,590
Middlesex	368,260	61,710	15,135	15,047	35,594	124,273	79,141	37,360
Monmouth	298,839	55,109	14,239	11,978	23,169	91,035	72,687	30,622
Morris	230,039	41,156	10,063	8,195	15,959	74,268	57,735	22,663
Ocean	242,596	41,152	10,424	8,807	17,952	65,485	52,977	45,799
Passaic	237,008	44,269	10,667	9,975	22,982	76,067	49,813	23,235
Salem	31,047	5,313	1,465	1,486	2,673	8,656	7,675	3,779
Somerset	145,241	27,263	6,361	4,834	9,737	49,297	34,044	13,705
Sussex	71,338	13,446	3,753	2,981	5,029	22,212	18,469	5,448
Union	251,372	45,481	10,984	9,727	21,420	80,332	55,099	28,329
Warren	49,870	9,218	2,372	1,988	3,464	15,605	11,961	5,261
Source:	US Bureau of the Census, 5-01-2000							

Table A7	County **Female** Population of New Jersey Counties by Age, 2000							
Year	**Age Groups**							
2000	**Total**	**0-11**	**12-14**	**15-17**	**18-24**	**25-44**	**45-64**	**65+**
New Jersey	4,331,537	685,814	172,721	152,518	337,129	1,323,951	993,048	666,356
Counties								
Atlantic	130,478	21,141	5,366	4,663	10,226	39,453	29,226	20,403
Bergen	458,682	66,937	16,605	14,078	29,912	137,744	113,312	80,094
Burlington	213,992	34,291	9,050	7,696	14,899	66,039	50,759	31,258
Camden	263,355	43,302	11,725	10,298	21,348	79,400	58,926	38,356
Cape May	53,136	7,080	2,042	1,728	3,316	13,376	13,513	12,081
Cumberland	71,708	11,813	3,164	2,891	5,880	20,168	16,304	11,488
Essex	416,100	68,860	16,857	15,511	37,753	127,754	91,647	57,718
Gloucester	131,466	21,412	5,833	5,500	11,493	39,957	29,619	17,652
Hudson	309,911	45,337	11,057	10,864	30,595	105,168	64,341	42,549
Hunterdon	61,749	10,234	2,766	1,992	3,329	19,979	16,468	6,981
Mercer	180,011	27,701	7,060	7,301	16,862	53,453	41,084	26,550
Middlesex	381,902	58,296	14,389	14,010	34,741	121,671	83,565	55,230
Monmouth	316,462	52,613	13,548	10,888	21,371	95,954	75,787	46,301
Morris	240,173	38,954	9,392	7,764	15,251	75,886	61,059	31,867
Ocean	268,320	38,984	9,915	8,407	17,052	67,491	59,010	67,461
Passaic	252,041	42,949	10,198	9,430	22,494	76,952	54,220	35,798
Salem	33,238	5,214	1,443	1,307	2,588	9,283	7,871	5,532
Somerset	152,249	25,948	5,972	4,415	8,976	51,367	35,895	19,676
Sussex	72,828	12,987	3,505	2,758	4,749	23,170	17,955	7,704
Union	271,169	43,128	10,602	9,143	20,925	83,255	60,404	43,712
Warren	52,567	8,634	2,231	1,873	3,370	16,431	12,083	7,945
Source:	US Bureau of the Census, 5-01-2000							

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County	Census 2000	2001	2002	2003	2004	2005
Table A8 Predicted Adult Population in New Jersey by Counties 2000 to 2005						
Atlantic	188,697	191,077	194,065	197,555	198,308	199,060
Bergen	681,064	687,912	690,846	693,807	695,604	697,400
Burlington	316,873	324,120	331,142	337,426	338,093	338,760
Camden	372,784	374,725	377,472	379,908	381,644	383,380
Cape May	79,467	79,671	79,747	80,093	80,957	81,820
Cumberland	109,235	109,756	110,722	111,872	113,106	114,340
Essex	586,683	586,484	586,618	585,806	591,853	597,900
Gloucester	187,554	191,248	195,834	200,434	200,427	200,420
Hudson	471,477	473,160	470,288	467,672	474,936	482,200
Hunterdon	90,615	93,939	95,677	97,310	96,995	96,680
Mercer	266,424	267,660	270,301	273,539	274,100	274,660
Middlesex	572,534	580,783	587,431	593,570	599,115	604,660
Monmouth	454,959	462,464	467,844	472,687	477,524	482,360
Morris	353,374	356,686	360,541	364,316	367,548	370,780
Ocean	391,870	403,760	414,474	422,240	427,200	432,160
Passaic	361,563	364,019	364,930	365,112	370,086	375,060
Salem	47,835	48,239	48,815	49,110	49,075	49,040
Somerset	221,499	226,108	229,382	232,215	236,178	240,140
Sussex	103,948	106,997	109,482	111,957	112,059	112,160
Union	392,600	395,022	396,257	395,924	399,072	402,220
Warren	75,747	78,746	80,504	82,118	82,169	82,220
Total	6,326,792	6,402,576	6,462,372	6,514,671	6,566,049	6,617,420

Table A 9 County Population by Race and Hispanic or Latino Origin, New Jersey, 2000

| | Total Population | RACE [6] | | | | | | | Two or More Races | Hispanic Or Latino Origin |
| | | One Race | | | | | | | | |
		Total	White	Black or African American	American Indian	Asian	Native Hawaiian	Other		
New Jersey	**8,414,350**	**8,200,595**	**6,104,705**	**1,141,821**	**19,492**	**480,276**	**3,329**	**450,972**	**213,755**	**1,117,151**
Percent	100 %	97.5 %	72.6 %	13.6 %	0.2 %	5.7 %		5.4 %	2.5 %	13.3 %
Counties										
Atlantic	252,552	246,027	172,632	44,534	669	12,771	114	15,307	6,525	30,729
Bergen	884,118	864,160	693,236	46,568	1,336	94,324	193	28,503	19,958	91,337
Burlington	423,394	414,644	331,898	64,071	898	11,378	144	6,255	8,750	17,632
Camden	508,932	499,121	360,756	92,059	1,300	18,910	187	25,909	9,811	49,166
Cape May	102,326	101,144	93,700	5,178	186	661	40	1,379	1,182	3,378
Cumberland	146,438	142,261	96,478	29,585	1,419	1,397	82	13,300	4,177	27,823
Essex	793,633	766,478	352,859	327,324	1,861	29,429	417	54,588	27,155	122,347
Gloucester	254,673	251,366	221,742	23,084	487	3,805	75	2,173	3,307	6,583
Hudson	608,975	574,680	338,457	82,098	2,547	56,942	383	94,253	34,295	242,123
Hunterdon	121,989	120,779	114,563	2,743	169	2,348	35	921	1,210	3,371
Mercer	350,761	343,142	240,206	69,502	688	17,340	352	15,054	7,619	33,898
Middlesex	750,162	730,665	513,298	68,467	1,521	104,212	300	42,867	19,497	101,940
Monmouth	615,301	604,990	519,261	49,609	879	24,403	153	10,685	10,311	38,175
Morris	470,212	462,886	410,042	13,181	572	29,432	188	9,471	7,326	36,626
Ocean	510,916	504,347	475,391	15,268	702	6,550	103	6,333	6,569	25,638
Passaic	489,049	469,261	304,786	64,647	2,166	18,064	175	79,423	19,788	146,492
Salem	64,285	63,344	52,195	9,498	226	396	19	1,010	941	2,498
Somerset	297,490	292,033	236,042	22,396	375	24,941	121	8,158	5,457	25,811
Sussex	144,166	142,516	138,015	1,502	161	1,738	28	1,072	1,650	4,822
Union	522,541	505,581	342,302	108,593	1,215	19,993	201	33,277	16,960	103,011
Warren	102,437	101,170	96,846	1,914	115	1,242	19	1,034	1,267	3,751

Source: U.S. Census Bureau, Census 2000

[6] Race / Ethnicity classification is based on the 1977 Office of Management and Budget (OMB) classification

Appendix B – Mortality Data

The Center for Health Statistics, New Jersey Department of Health and the National Center for Health Statistics (NCHS) are the sources of the mortality data presented in this Chartbook. The data are based on death certificates filed for New Jersey residents and are compiled by county of the decedent's residence (regardless of where the death occurred). Based on the combination of all contributory causes of death listed on the death certificate, NCHS assigns a single underlying cause for each death. For the period covered in this report, the NCHS coded cause of death according to the International Classification of Diseases, ICD-9 and ICD-10 diagnostic codes as shown of the following table.

Measures of mortality in this report include the number of deaths; crude, gender specific and age-adjusted death rates based on year 2000 standard population. Death rates are computed on the bases of population denominators provided by the U.S. Bureau of the Census.

The rates employed in the core analysis of mortality employ two types of ICD codes that specify a quantitative association with substance abuse:

o ICD codes that are directly associated with alcohol and drug abuse
o ICD codes that are indirectly associated with alcohol and drug abuse

A death certificate with an ICD code is counted as a fraction of a single death. The fraction of death with a given ICD code associated with alcohol or drug is known as an Alcohol Associated Fraction (AAF) or Drug Associated Fraction (DAF). Death denoted with AAF, in general, contribute significantly to overall proportion of death. This is also true in the case of New Jersey (as shown in the following table) where 11,222 counts of death were alcohol associated compared to 2,745 that were drug associated. The ICD-9 codes and the AAF & DAF fractions used to estimate drug and alcohol associated mortality is shown on the following table.

Mortality: ICD-9 AND ICD-10 Diagnostic Codes Specific and Related to Drug & Alcohol Abuse and Dependence

Number of Death Attributable to Alcohol & Drug Abuse or Dependence for a 5-year Time Period (1998 to 2002), New Jersey

County	100% Drug Caused		Drug Related		Drug	100% Alcohol Caused		Alcohol Related		Alcohol	Grand
	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Total
Atlantic	43.0	10.0	71.8	19.5	144.3	76.0	29.0	242.6	144.5	492.1	636.4
Bergen	21.0	13.0	74.7	26.7	135.4	77.0	33.0	445.7	340.4	896.1	1031.5
Burlington	12.0	3.0	48.1	21.6	84.7	38.0	21.0	268.0	163.6	490.6	575.3
Camden	48.0	14.0	133.4	41.0	236.4	98.0	47.0	505.7	309.3	960.0	1,196.4
Cape May	18.0	4.0	8.4	3.2	33.6	49.0	13.0	105.4	58.9	226.3	259.9
Cumberland	16.0	5.0	15.7	5.4	42.1	43.0	17.0	107.2	70.2	237.4	279.5
Essex	110.0	44.0	357.2	115.5	626.7	216.0	87.0	746.2	436.5	1485.7	2,112.4
Gloucester	6.0	5.0	42.0	12.8	65.8	12.0	11.0	116.3	86.5	225.9	291.7
Hudson	65.0	9.0	121.7	49.8	245.5	153.0	41.0	367.8	220.8	782.6	1,028.1
Hunterdon	2.0	1.0	4.3	4.2	11.5	9.0	5.0	48.8	35.1	97.9	109.4
Mercer	36.0	4.0	57.9	15.4	113.3	82.0	20.0	264.0	164.0	530.0	643.3
Middlesex	27.0	10.0	114.6	31.1	182.7	104.0	42.0	380.7	254.3	781.0	963.7
Monmouth	30.0	12.0	75.6	30.4	148.0	93.0	30.0	402.0	282.0	807.0	955.0
Morris	12.0	6.0	46.2	12.7	76.9	46.0	15.0	257.8	163.6	482.4	559.3
Ocean	13.0	6.0	79.2	33.7	131.9	82.0	29.0	374.0	278.0	763.0	894.9
Passaic	43.0	15.0	123.5	36.4	217.9	112.0	31.0	311.0	215.5	669.5	887.4
Salem	2.0	3.0	12.2	3.2	20.4	10.0	2.0	54.3	37.4	103.7	124.1
Somerset	11.0	6.0	26.4	5.2	48.6	38.0	14.0	108.0	82.0	242.1	290.7
Sussex	3.0	5.0	11.3	4.3	23.6	22.0	8.0	61.8	38.6	130.4	154.0
Union	23.0	18.0	90.5	27.1	158.6	82.0	29.0	346.5	252.6	710.1	868.7
Warren	9.0	4.0	8.4	5.5	26.9	14.0	7.0	43.2	32.5	96.7	123.6
New Jersey	550.0	197.0	1523.1	504.7	2,774.8	1,456.0	531.0	5,414.8	3,693.2	11,210.4	13,985.2

Mortality: ICD-9 AND ICD-10 Diagnostic Codes Specific and Related to Drug & Alcohol Abuse and Dependence and Associated Casualty Factors Based on the 1998 to 2002 Mortality Data

5-Year Average Mortality Rate Attributable to Alcohol & Drug Abuse or Dependence / 100,000 from 1998 to 2002

County	100% Drug Caused		Drug Related		Drug	100% Alcohol Caused		Alcohol Related		Alcohol	Grand
	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Total
Atlantic	7.04	1.53	11.76	2.99	11.43	12.45	4.45	39.75	22.15	38.97	50.40
Bergen	0.99	0.57	3.51	1.16	3.06	3.62	1.44	20.95	14.84	20.27	23.33
Burlington	1.15	0.28	4.59	2.02	4.00	3.63	1.96	25.60	15.29	23.17	27.18
Camden	3.91	1.06	10.86	3.11	9.29	7.98	3.57	41.18	23.49	37.72	47.01
Cape May	7.32	1.51	3.42	1.20	6.57	19.92	4.89	42.87	22.15	44.23	50.80
Cumberland	4.28	1.39	4.20	1.51	5.75	11.51	4.74	28.69	19.58	32.42	38.17
Essex	5.83	2.11	18.92	5.55	15.79	11.44	4.18	39.53	20.98	37.44	53.23
Gloucester	0.97	0.76	6.82	1.95	5.17	1.95	1.67	18.88	13.17	17.74	22.91
Hudson	4.35	0.58	8.14	3.21	8.06	10.23	2.65	24.60	14.25	25.70	33.76
Hunterdon	0.66	0.32	1.43	1.36	1.89	2.99	1.62	16.20	11.37	16.05	17.94
Mercer	4.22	0.44	6.78	1.71	6.46	9.60	2.22	30.92	18.22	30.22	36.68
Middlesex	1.47	0.52	6.22	1.63	4.87	5.65	2.20	20.67	13.32	20.82	25.69
Monmouth	2.01	0.76	5.06	1.92	4.81	6.22	1.90	26.90	17.82	26.23	31.04
Morris	1.04	0.50	4.02	1.06	3.27	4.00	1.25	22.41	13.62	20.52	23.79
Ocean	1.07	0.45	6.53	2.51	5.16	6.76	2.16	30.83	20.72	29.87	35.03
Passaic	3.63	1.19	10.42	2.89	8.91	9.45	2.46	26.24	17.10	27.38	36.29
Salem	1.29	1.81	7.86	1.93	6.35	6.44	1.20	34.98	22.52	32.27	38.62
Somerset	1.51	0.79	3.64	0.68	3.27	5.23	1.84	14.88	10.78	16.27	19.54
Sussex	0.84	1.37	3.17	1.18	3.27	6.17	2.20	17.32	10.60	18.09	21.36
Union	1.83	1.33	7.20	2.00	6.07	6.52	2.14	27.57	18.63	27.18	33.25
Warren	3.61	1.52	3.37	2.09	5.25	5.61	2.66	17.31	12.38	18.88	24.13
New Jersey	2.69	0.91	7.46	2.33	6.60	7.13	2.45	26.52	17.05	26.65	33.24

Crude rates are computed per 100,000 estimated county population

Mortality: ICD-10 Diagnostic Codes Specific and Related to Drug & Alcohol Abuse and Dependence and Associated Casualty Factors Based on the 1996 to 2000 Mortality Data

Age-Adjusted Mortality Rate Attributable to Alcohol & Drug Abuse or Dependence / 100,000 (5-Year Average)

County	100% Drug Caused		Drug Related		Drug	100% Alcohol Caused		Alcohol Related		Alcohol	Grand
	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Total
Atlantic	6.6	1.4	11.1	2.8	10.8	11.7	4.2	37.5	20.9	36.8	47.5
Bergen	0.9	0.5	3.3	1.1	2.9	3.4	1.4	19.8	14.0	19.1	22.0
Burlington	1.1	0.3	4.3	1.9	3.8	3.4	1.9	24.1	14.4	21.9	25.6
Camden	3.7	1.0	10.2	2.9	8.8	7.5	3.4	38.8	22.2	35.6	44.3
Cape May	6.9	1.4	3.2	1.1	6.2	18.8	4.6	40.4	20.9	41.7	47.9
Cumberland	4.0	1.3	4.0	1.4	5.4	10.9	4.5	27.1	18.5	30.6	36.0
Essex	5.5	2.0	17.8	5.2	14.9	10.8	3.9	37.3	19.8	35.3	50.2
Gloucester	0.9	0.7	6.4	1.8	4.9	1.8	1.6	17.8	12.4	16.7	21.6
Hudson	4.1	0.5	7.7	3.0	7.6	9.7	2.5	23.2	13.4	24.2	31.9
Hunterdon	0.6	0.3	1.3	1.3	1.8	2.8	1.5	15.3	10.7	15.1	16.9
Mercer	4.0	0.4	6.4	1.6	6.1	9.1	2.1	29.2	17.2	28.5	34.6
Middlesex	1.4	0.5	5.9	1.5	4.6	5.3	2.1	19.5	12.6	19.6	24.2
Monmouth	1.9	0.7	4.8	1.8	4.5	5.9	1.8	25.4	16.8	24.7	29.3
Morris	1.0	0.5	3.8	1.0	3.1	3.8	1.2	21.1	12.9	19.4	22.4
Ocean	1.0	0.4	6.2	2.4	4.9	6.4	2.0	29.1	19.5	28.2	33.0
Passaic	3.4	1.1	9.8	2.7	8.4	8.9	2.3	24.8	16.1	25.8	34.2
Salem	1.2	1.7	7.4	1.8	6.0	6.1	1.1	33.0	21.2	30.4	36.4
Somerset	1.4	0.7	3.4	0.6	3.1	4.9	1.7	14.0	10.2	15.4	18.4
Sussex	0.8	1.3	3.0	1.1	3.1	5.8	2.1	16.3	10.0	17.1	20.2
Union	1.7	1.3	6.8	1.9	5.7	6.2	2.0	26.0	17.6	25.6	31.4
Warren	3.4	1.4	3.2	2.0	5.0	5.3	2.5	16.3	11.7	17.8	22.8
New Jersey	2.5	0.9	7.0	2.2	6.2	6.7	2.3	25.0	16.1	25.1	31.4

Number of Death Attributable to Alcohol & Drug Abuse or Dependence, New Jersey - 2001

County	100% Drug Caused		Drug Related		Drug	100% Alcohol Caused		Alcohol Related		Alcohol	Grand
	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Total
Atlantic	14.0	4.0	16.5	5.7	40.2	15.0	9.0	47.2	34.2	105.4	145.6
Bergen	4.0	0.0	14.3	4.8	23.1	11.0	5.0	65.5	41.4	122.9	146.0
Burlington	2.0	1.0	0.0	0.0	3.0	6.0	7.0	56.0	34.2	103.2	106.2
Camden	4.0	2.0	0.0	0.0	6.0	19.0	5.0	107.0	168.3	299.3	305.3
Cape May	4.0	1.0	2.3	1.4	8.7	5.0	4.0	21.0	11.5	41.5	50.2
Cumberland	6.0	0.0	5.4	0.8	12.2	9.0	3.0	24.0	12.0	48.0	60.2
Essex	28.0	11.0	84.2	25.4	148.6	61.0	22.0	176.6	87.2	346.8	495.4
Gloucester	2.0	0.0	8.5	2.5	13.0	5.0	6.0	29.0	16.0	56.0	69.0
Hudson	21.0	2.0	29.0	9.3	61.3	29.0	11.0	84.5	44.5	169.0	230.3
Hunterdon	2.0	0.0	2.0	1.8	5.8	4.0	1.0	11.3	8.1	24.4	30.2
Mercer	8.0	2.0	16.8	4.5	31.3	17.0	6.0	69.5	40.4	132.9	164.2
Middlesex	12.0	2.0	23.0	4.0	41.0	28.0	7.0	45.0	52.5	132.5	173.5
Monmouth	12.0	4.0	5.5	14.2	35.7	25.0	5.0	92.0	59.0	181.0	216.7
Morris	5.0	1.0	9.4	3.4	18.7	14.0	2.0	69.0	45.8	130.8	149.5
Ocean	3.0	1.0	22.9	15.0	41.9	20.0	8.0	88.7	63.5	180.2	222.1
Passaic	12.0	5.0	24.4	7.5	48.9	26.0	8.0	70.7	54.6	159.3	208.2
Salem	0.0	0.0	23.0	0.6	23.6	2.0	0.0	8.5	1.2	11.7	35.3
Somerset	6.0	0.0	5.0	1.0	12.0	10.0	5.0	23.5	14.7	53.2	65.2
Sussex	2.0	3.0	3.4	0.5	8.9	7.0	4.0	13.8	1.7	26.5	35.4
Union	6.0	4.0	16.9	5.7	32.6	18.0	8.0	74.0	56.6	156.6	189.2
Warren	2.0	0.0	1.4	1.9	5.3	4.0	4.0	9.8	10.0	27.8	33.1
New Jersey	155.0	43.0	313.9	109.9	621.8	335.0	130.0	1186.6	857.4	2509.0	3130.8

Mortality: ICD-10 Diagnostic Codes Specific and Related to Drug & Alcohol Abuse and Dependence

and Associated Casualty Factors Based on the 2001 Mortality Data

Mortality Rate Attributable to Alcohol & Drug Abuse or Dependence / 100,000, 2001

County	100% Drug Caused		Drug Related		Drug	100% Alcohol Caused		Alcohol Related		Alcohol	Grand
	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Total
Atlantic	11.47	3.07	13.52	4.37	15.92	12.29	6.90	38.67	26.21	41.73	57.65
Bergen	0.94	0.00	3.36	1.05	2.61	2.59	1.09	15.40	9.03	13.90	16.51
Burlington	0.96	0.47	0.00	0.00	0.71	2.87	3.27	26.74	15.98	24.37	25.08
Camden	1.63	0.76	0.00	0.00	1.18	7.74	1.90	43.57	63.91	58.81	59.99
Cape May	8.13	1.88	4.68	2.63	8.50	10.16	7.53	42.69	21.64	40.56	49.06
Cumberland	8.03	0.00	7.23	1.05	8.30	12.04	4.18	32.12	16.73	32.78	41.08
Essex	7.42	2.64	22.30	6.10	18.72	16.16	5.29	46.78	20.96	43.70	62.42
Gloucester	1.62	0.00	6.90	1.90	5.10	4.06	4.56	23.54	12.17	21.99	27.09
Hudson	7.02	0.65	9.70	3.00	10.07	9.70	3.55	28.25	14.36	27.75	37.82
Hunterdon	3.32	0.00	3.32	2.92	4.75	6.64	1.62	18.76	13.15	20.02	24.77
Mercer	4.69	1.11	9.84	2.50	8.92	9.96	3.33	40.70	22.44	37.89	46.81
Middlesex	3.26	0.52	6.25	1.05	5.47	7.60	1.83	12.22	13.75	17.66	23.13
Monmouth	4.02	1.26	1.84	4.49	5.80	8.37	1.58	30.79	18.64	29.42	35.22
Morris	2.17	0.42	4.06	1.39	3.98	6.09	0.83	29.99	19.07	27.82	31.79
Ocean	1.24	0.37	9.44	5.59	8.20	8.24	2.98	36.56	23.67	35.27	43.47
Passaic	5.06	1.98	10.30	2.98	10.00	10.97	3.17	29.83	21.66	32.57	42.57
Salem	0.00	0.00	74.08	1.81	36.71	6.44	0.00	27.38	3.61	18.20	54.91
Somerset	4.13	0.00	3.44	0.66	4.03	6.89	3.28	16.18	9.66	17.88	21.92
Sussex	2.80	4.12	4.77	0.69	6.17	9.81	5.49	19.34	2.33	18.38	24.56
Union	2.39	1.48	6.72	2.10	6.24	7.16	2.95	29.44	20.87	29.97	36.21
Warren	4.01	0.00	2.81	3.61	5.17	8.02	7.61	19.65	19.02	27.14	32.31
New Jersey	3.80	0.99	7.69	2.54	7.39	8.21	3.00	29.06	19.79	29.82	37.21

Crude rates are computed per 100,000 estimated county population

Appendix C – Crime Data

Drug and Alcohol Attributable Crime Data by County

The types of crime included in the arrest data for core indicators are listed in the table shown below, together with 'fractions' that is used in analyzing the data.

Core Alcohol and Drug Crime Indicators		
Type of Crime	**Alcohol Factors Study Fraction**	**Drug Factors Study Fraction**
Homicide	30.0%	15.8%
Aggravated assault	30.0%	2.4%
Sexual assault	22.5%	5.1%
Other assaults	30.0%	5.1%
Robbery	3.4%	27.2%
Burglary	3.6%	30.0%
Larceny-theft	2.8%	29.6%
Auto theft	3.5%	6.8%
Driving under the influence	100.0%	0.0%
Liquor laws	100.0%	0.0%
Public drunkenness	100.0%	0.0%
Stolen property	0.0%	15.1%
Prostitution	0.0%	12.8%
Drug laws	0.0%	100.0%
Source: Harwood et al. 1998		

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Stolen Property	Prostitution	Drug Laws
									Total Arrests by County – All Ages				
									5-year average criminal justice data, 1999 - 2003				
Atlantic	10	528	34	1964	199	334	1943	70	1,875	221	224	195	2,086
Bergen	8	592	30	2348	203	407	2860	80	2,520	731	419	50	2,680
Burlington	6	347	23	2041	142	304	1310	85	1,729	458	274	29	2,005
Camden	31	1025	59	3096	287	538	2316	93	2,714	555	612	83	4,218
Cape May	2	192	13	662	47	191	639	29	868	2,292	84	2	1,007
Cumberland	6	399	32	1301	187	405	1024	53	990	49	182	48	1,137
Essex	71	2117	118	3507	936	975	2874	150	992	365	1886	513	11,933
Gloucester	5	267	20	1254	76	241	1203	66	1,264	495	194	6	1,566
Hudson	29	1437	26	2430	707	486	2037	65	899	297	687	200	5,731
Hunterdon	0	36	2	196	3	45	155	16	482	63	27	1	549
Mercer	17	407	47	1555	228	296	1358	82	1,012	1,097	508	108	2,955
Middlesex	9	631	48	1924	185	389	2225	91	2,131	372	417	79	2,590
Monmouth	9	576	33	2324	174	422	2176	91	2,591	1,297	339	119	4,058
Morris	5	280	13	891	61	230	1001	52	1,893	516	162	26	1,574
Ocean	4	472	26	1507	93	372	1197	67	2,044	761	139	50	2,672
Passaic	27	721	31	2159	272	405	1599	185	1,364	240	356	336	3,692
Salem	2	88	6	374	17	96	206	15	452	63	43	1	383
Somerset	4	82	9	835	39	97	777	26	925	192	68	20	756
Sussex	1	76	5	415	11	94	228	22	600	115	27	0	370
Union	23	383	30	1989	295	319	1970	96	972	398	534	536	4,054
Warren	1	58	4	329	15	65	316	18	386	120	28	0	421
New Jersey	**268**	**10,712**	**611**	**33,102**	**4,176**	**6,710**	**29,415**	**1,453**	**28,703**	**10,697**	**7208**	**2,401**	**56,436**

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Stolen Property	Prostitution	Drug Laws
Adult Arrests by County													
5-year average criminal justice data, 1999 - 2003													
Atlantic	9	411	29	1612	133	202	1389	44	1861	139	141	189	1800
Bergen	8	489	26	1952	154	288	2171	61	2498	320	337	50	2228
Burlington	6	270	18	1687	101	193	978	56	1702	236	205	28	1645
Camden	27	798	49	2539	206	358	1787	66	2682	352	425	78	3566
Cape May	2	153	12	561	31	119	373	19	850	1876	62	2	778
Cumberland	6	319	27	992	128	258	666	30	977	36	118	48	985
Essex	66	1783	100	2975	715	836	2467	83	981	245	1337	511	10786
Gloucester	4	217	18	1033	60	153	854	45	1241	381	145	6	1304
Hudson	27	1168	20	2090	428	389	1758	40	895	194	515	197	5061
Hunterdon	0	27	1	145	2	32	106	10	476	40	20	0	451
Mercer	15	280	42	988	134	188	864	29	996	1016	304	107	2546
Middlesex	9	520	39	1570	141	294	1624	68	2110	254	337	79	2244
Monmouth	8	456	28	1913	121	277	1475	64	2557	919	252	118	3506
Morris	5	243	11	754	50	168	731	41	1862	262	131	26	1313
Ocean	4	374	20	1157	67	218	711	45	2008	533	95	50	2223
Passaic	22	582	27	1610	183	300	1214	123	1353	156	234	335	3256
Salem	2	70	5	292	12	62	142	10	445	49	28	1	341
Somerset	4	56	7	634	27	63	548	17	919	119	46	19	607
Sussex	1	57	5	348	10	65	153	16	589	72	21	0	283
Union	23	330	27	1703	210	244	1493	62	961	255	384	534	3585
Warren	1	48	3	277	11	39	213	14	381	74	21	0	352
New Jersey	**246**	**8651**	**513**	**26832**	**2922**	**4746**	**21719**	**943**	**28345**	**7527**	**5157**	**2378**	**48861**

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Stolen Property	Prostitution	Drug Laws
Atlantic	0.4	117	5	352	66	132	554	26	14	82	83	6	286
Bergen	0.4	103	4	396	49	119	689	19	22	412	83	0	452
Burlington	0.2	77	6	353	41	111	332	29	27	222	69	1	360
Camden	4.0	226	11	557	81	179	529	27	31	202	187	5	652
Cape May	0.2	39	1	102	16	73	265	10	18	416	22	0	229
Cumberland	0.6	80	5	309	59	147	357	23	14	13	64	1	152
Essex	5.0	334	18	533	221	139	407	67	11	120	550	2	1147
Gloucester	0.2	50	2	221	16	88	349	21	22	115	49	0	262
Hudson	2.2	269	6	340	278	98	279	25	4	102	172	3	670
Hunterdon	0.0	9	1	51	1	12	49	6	6	23	7	0	98
Mercer	1.6	126	5	567	95	109	494	53	16	81	204	1	409
Middlesex	0.2	111	9	354	43	95	601	24	21	119	80	0	346
Monmouth	0.8	120	5	410	53	145	701	27	34	378	87	1	552
Morris	0.2	37	2	137	11	62	270	11	31	254	31	0	261
Ocean	0.2	98	6	350	26	154	486	22	36	228	44	1	449
Passaic	4.8	140	4	548	89	106	385	62	11	84	122	0	437
Salem	0.0	17	2	82	4	34	64	5	6	14	15	0	42
Somerset	0.0	26	2	200	12	35	229	9	6	74	23	0	149
Sussex	0.0	19	1	67	1	29	75	6	11	43	5	0	86
Union	0.4	54	3	286	84	74	477	34	11	143	150	2	468
Warren	0.0	10	1	52	4	25	103	4	5	46	7	0	69
New Jersey	**21**	**2062**	**98**	**6269**	**1254**	**1964**	**7695**	**510**	**357**	**3170**	**2051**	**23**	**7576**

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Total Arrests
Total Alcohol Attributable Arrests by County											
5-year average criminal justice data, 1999 - 2003											
Alcohol Factor Fractions	0.3	0.3	0.225	0.3	0.034	0.036	0.028	0.35	1	1	
Atlantic	2.7	158.4	7.6	589.1	6.8	12.0	54.4	24.5	1,875.2	220.6	2,951.3
Bergen	2.4	177.5	6.8	704.5	6.9	14.6	80.1	28.1	2,519.8	731.2	4,272.0
Burlington	1.7	104.0	5.3	612.2	4.8	11.0	36.7	29.9	1,729.2	458.2	2,993.1
Camden	9.3	307.4	13.4	928.9	9.8	19.4	64.8	32.5	2,713.6	554.8	4,653.9
Cape May	0.5	57.5	3.0	198.7	1.6	6.9	17.9	10.0	868.2	2,292.2	3,456.5
Cumberland	1.9	119.6	7.2	390.3	6.4	14.6	28.7	18.6	990.4	49.0	1,626.7
Essex	21.4	635.2	26.5	1,052.2	31.8	35.1	80.5	52.6	992.2	364.6	3,292.0
Gloucester	1.4	80.0	4.5	376.3	2.6	8.7	33.7	23.0	1,263.6	495.4	2,289.1
Hudson	8.6	431.1	5.9	728.9	24.0	17.5	57.0	22.8	899.2	296.6	2,491.7
Hunterdon	0.0	10.9	0.5	58.9	0.1	1.6	4.3	5.5	482.0	63.4	627.2
Mercer	5.1	122.0	10.6	466.6	7.8	10.7	38.0	28.6	1,012.2	1,096.8	2,798.4
Middlesex	2.8	189.3	10.8	577.3	6.3	14.0	62.3	31.9	2,130.6	372.4	3,397.7
Monmouth	2.8	172.7	7.3	697.1	5.9	15.2	60.9	31.9	2,591.4	1,297.4	4,882.6
Morris	1.4	84.1	3.0	267.4	2.1	8.3	28.0	18.1	1,893.4	515.6	2,821.4
Ocean	1.2	141.6	5.9	452.0	3.2	13.4	33.5	23.4	2,043.6	761.2	3,479.0
Passaic	8.0	216.4	6.9	647.6	9.2	14.6	44.8	64.8	1,364.0	239.8	2,616.1
Salem	0.5	26.3	1.4	112.1	0.6	3.4	5.8	5.4	451.6	62.8	670.0
Somerset	1.1	24.5	1.9	250.4	1.3	3.5	21.8	9.2	924.8	192.2	1,430.8
Sussex	0.2	22.7	1.2	124.4	0.4	3.4	6.4	7.7	600.2	114.8	881.4
Union	6.9	115.0	6.7	596.8	10.0	11.5	55.1	33.7	972.0	397.8	2,205.5
Warren	0.2	17.3	0.9	98.8	0.5	2.3	8.8	6.4	385.6	120.2	641.2
New Jersey	**80.3**	**3,213.7**	**137.4**	**9,930.5**	**142.0**	**241.5**	**823.6**	**508.6**	**28,702**	**10,697**	**54,477**

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County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	Stolen Property	Prostitution	Drug Laws	Total Arrests
Drug Factor Fractions	0.158	0.024	0.051	0.051	0.272	0.30	0.296	0.068	0.151	0.128	0.151	
Atlantic	1.4	12.7	1.7	100.2	54.2	100.1	575.1	4.8	33.9	24.9	2085.6	2994.4
Bergen	1.3	14.2	1.5	119.8	55.3	122.0	846.6	5.5	63.3	6.5	2679.8	3915.6
Burlington	0.9	8.3	1.2	104.1	38.7	91.3	387.9	5.8	41.4	3.7	2005.0	2688.4
Camden	4.9	24.6	3.0	157.9	78.1	161.3	685.4	6.3	92.4	10.6	4218.0	5442.6
Cape May	0.3	4.6	0.7	33.8	12.9	57.4	189.1	1.9	12.7	0.3	1007.2	1320.8
Cumberland	1.0	9.6	1.6	66.4	50.9	121.4	303.0	3.6	27.5	6.2	1137.0	1728.1
Essex	11.3	50.8	6.0	178.9	254.5	292.4	850.8	10.2	284.8	65.7	11932.8	13938.2
Gloucester	0.7	6.4	1.0	64.0	20.6	72.4	356.0	4.5	29.2	0.7	1566.4	2121.9
Hudson	4.6	34.5	1.3	123.9	192.2	145.9	602.9	4.4	103.7	25.7	5731.2	6970.3
Hunterdon	0.0	0.9	0.1	10.0	0.8	13.4	45.9	1.1	4.0	0.1	548.6	624.9
Mercer	2.7	9.8	2.4	79.3	62.1	88.9	402.1	5.6	76.6	13.8	2955.2	3698.5
Middlesex	1.5	15.1	2.5	98.1	50.2	116.7	658.6	6.2	63.0	10.1	2589.8	3611.8
Monmouth	1.5	13.8	1.7	118.5	47.4	126.5	644.2	6.2	51.1	15.2	4058.0	5084.1
Morris	0.8	6.7	0.7	45.5	16.6	69.1	296.4	3.5	24.4	3.3	1574.0	2040.9
Ocean	0.6	11.3	1.3	76.8	25.2	111.7	354.4	4.5	21.0	6.4	2672.0	3285.3
Passaic	4.2	17.3	1.6	110.1	73.9	121.6	473.4	12.6	53.8	43.0	3692.4	4603.7
Salem	0.3	2.1	0.3	19.1	4.6	28.7	61.0	1.0	6.4	0.2	382.8	506.5
Somerset	0.6	2.0	0.4	42.6	10.6	29.2	230.1	1.8	10.3	2.5	756.0	1086.0
Sussex	0.1	1.8	0.3	21.2	2.9	28.2	67.4	1.5	4.0	0.0	369.8	497.2
Union	3.6	9.2	1.5	101.4	80.1	95.6	583.0	6.5	80.6	68.6	4053.6	5083.8
Warren	0.1	1.4	0.2	16.8	4.1	19.4	93.5	1.3	4.3	0.0	421.0	562.0
New Jersey	**42.3**	**257.1**	**31.1**	**1688.2**	**1136.0**	**2012.9**	**8706.8**	**98.8**	**1088.5**	**307.3**	**56436.2**	**71805.2**

Total Drug Attributable Arrests by County
5-year average criminal justice data, 1999 - 2003

Counties	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Total Arrests
Alcohol Factor Fractions	0.3	0.3	0.225	0.3	0.034	0.036	0.028	0.35	1	1	
Atlantic	2.6	123.4	6.5	483.6	4.5	7.3	38.9	15.3	1,861.4	138.6	2,682.0
Bergen	2.3	146.8	5.9	585.5	5.2	10.4	60.8	21.5	2,498.2	319.6	3,656.1
Burlington	1.7	81.1	4.0	506.2	3.4	7.0	27.4	19.7	1,702.0	236.2	2,588.6
Camden	8.1	239.5	10.9	761.8	7.0	12.9	50.0	23.0	2,682.2	352.4	4,147.8
Cape May	0.5	45.8	2.7	168.2	1.1	4.3	10.5	6.7	849.8	1,876.4	2,965.8
Cumberland	1.7	95.8	6.0	297.5	4.3	9.3	18.7	10.5	976.8	36.4	1,457.0
Essex	19.9	534.9	22.5	892.4	24.3	30.1	69.1	29.1	981.0	244.6	2,847.8
Gloucester	1.3	65.0	4.0	309.9	2.0	5.5	23.9	15.8	1,241.4	380.8	2,049.8
Hudson	8.0	350.4	4.5	626.9	14.6	14.0	49.2	14.1	895.4	194.4	2,171.4
Hunterdon	0.0	8.1	0.3	43.6	0.1	1.2	3.0	3.5	476.0	40.0	575.7
Mercer	4.6	84.1	9.5	296.4	4.5	6.8	24.2	10.2	995.8	1,016.0	2,452.2
Middlesex	2.7	155.9	8.8	471.0	4.8	10.6	45.5	23.7	2,109.6	253.8	3,086.3
Monmouth	2.5	136.7	6.3	574.0	4.1	10.0	41.3	22.3	2,557.4	919.4	4,274.0
Morris	1.4	72.9	2.6	226.1	1.7	6.0	20.5	14.3	1,862.0	261.8	2,469.3
Ocean	1.1	112.1	4.6	347.1	2.3	7.9	19.9	15.8	2,007.6	533.4	3,051.8
Passaic	6.5	174.5	6.1	483.1	6.2	10.8	34.0	42.9	1,353.0	155.6	2,272.8
Salem	0.5	21.1	1.1	87.7	0.4	2.2	4.0	3.5	445.4	48.6	614.5
Somerset	1.1	16.7	1.5	190.3	0.9	2.3	15.3	6.0	919.2	118.6	1,272.0
Sussex	0.2	17.0	1.0	104.3	0.3	2.4	4.3	5.5	589.2	71.8	796.1
Union	6.8	98.9	6.0	510.9	7.1	8.8	41.8	21.7	961.4	255.0	1,918.4
Warren	0.2	14.3	0.6	83.2	0.4	1.4	6.0	5.0	380.6	73.8	565.6
New Jersey	73.9	2,595.2	115.3	8,049.7	99.4	170.8	608.1	329.9	28,345.4	7,527.2	47,915

Alcohol Attributable Arrests of Adult Population in New Jersey, 1999 - 2003 **Age 18+**

5-year average criminal justice data, 1999 - 2003

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Total Arrests
Alcohol Factor Fractions	0.3	0.3	0.225	0.3	0.034	0.036	0.028	0.35	1	1	
Atlantic	0.1	35.0	1.1	105.5	2.3	4.7	15.5	9.2	13.8	82.0	269
Bergen	0.1	30.8	0.9	118.9	1.7	4.3	19.3	6.7	21.6	411.6	616
Burlington	0.1	23.0	1.3	106.0	1.4	4.0	9.3	10.2	27.2	222.0	404
Camden	1.2	67.9	2.4	167.2	2.8	6.5	14.8	9.5	31.4	202.4	506
Cape May	0.1	11.7	0.3	30.5	0.6	2.6	7.4	3.4	18.4	415.8	491
Cumberland	0.2	23.9	1.2	92.8	2.0	5.3	10.0	8.1	13.6	12.6	170
Essex	1.5	100.3	4.0	159.8	7.5	5.0	11.4	23.5	11.2	120.0	444
Gloucester	0.1	14.9	0.5	66.4	0.5	3.2	9.8	7.2	22.2	114.6	239
Hudson	0.7	80.7	1.4	102.1	9.5	3.5	7.8	8.7	3.8	102.2	320
Hunterdon	0.0	2.8	0.2	15.2	0.0	0.4	1.4	2.0	6.0	23.4	51
Mercer	0.5	37.9	1.1	170.2	3.2	3.9	13.8	18.4	16.4	80.8	346
Middlesex	0.1	33.4	2.1	106.3	1.5	3.4	16.8	8.3	21.0	118.6	311
Monmouth	0.2	36.1	1.0	123.1	1.8	5.2	19.6	9.5	34.0	378.0	609
Morris	0.1	11.2	0.4	41.2	0.4	2.2	7.6	3.9	31.4	253.8	352
Ocean	0.1	29.5	1.4	104.9	0.9	5.5	13.6	7.6	36.0	227.8	427
Passaic	1.4	41.9	0.8	164.5	3.0	3.8	10.8	21.8	11.0	84.2	343
Salem	0.0	5.2	0.4	24.5	0.1	1.2	1.8	1.9	6.2	14.2	56
Somerset	0.0	7.7	0.5	60.1	0.4	1.2	6.4	3.3	5.6	73.6	159
Sussex	0.0	5.7	0.1	20.2	0.0	1.0	2.1	2.2	11.0	43.0	85
Union	0.1	16.1	0.7	85.9	2.9	2.7	13.4	12.0	10.6	142.8	287
Warren	0.0	2.9	0.3	15.6	0.1	0.9	2.9	1.4	5.0	46.4	76
New Jersey	6.42	618.54	22.05	1880.76	42.64	70.70	215.47	178.64	357.40	3,169.8	6,562

Table title: **Alcohol Attributable Arrests of Juvenile Population in New Jersey, 1999 - 2003** — **Age <18** — 5-year average criminal justice data, 1999 - 2003

| Drug Attributable Arrests of the Adult Population in New Jersey, 1999 - 2003 | | | | | | | | | | | Age 18 + |
| 5-year average criminal justice data, 1999 - 2003 | | | | | | | | | | | |
County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	Stolen Property	Prostitution	Drug Laws	Total Arrests
Drug Factor Fractions	0.158	0.024	0.051	0.051	0.272	0.30	0.296	0.068	0.151	0.128	1	
Atlantic	1.4	9.9	1.5	82.2	36.1	60.5	411.1	3.0	21.3	24.2	1799.8	2451
Bergen	1.2	11.7	1.3	99.5	41.8	86.3	642.7	4.2	50.8	6.5	2227.6	3174
Burlington	0.9	6.5	0.9	86.1	27.5	58.0	289.5	3.8	30.9	3.6	1644.6	2152
Camden	4.3	19.2	2.5	129.5	56.0	107.5	529.0	4.5	64.1	10.0	3566.2	4493
Cape May	0.3	3.7	0.6	28.6	8.5	35.6	110.5	1.3	9.4	0.3	778.0	977
Cumberland	0.9	7.7	1.4	50.6	34.8	77.4	197.3	2.0	17.8	6.1	985.0	1381
Essex	10.5	42.8	5.1	151.7	194.4	250.8	730.3	5.6	201.8	65.4	10786.2	12445
Gloucester	0.7	5.2	0.9	52.7	16.3	45.9	252.8	3.1	21.9	0.7	1304.2	1704
Hudson	4.2	28.0	1.0	106.6	116.5	116.6	520.2	2.7	77.8	25.3	5061.4	6060
Hunterdon	0.0	0.6	0.1	7.4	0.4	9.7	31.5	0.7	3.0	0.1	450.8	504
Mercer	2.4	6.7	2.2	50.4	36.3	56.3	255.8	2.0	45.9	13.7	2546.0	3018
Middlesex	1.4	12.5	2.0	80.1	38.4	88.3	480.7	4.6	50.9	10.1	2244.0	3013
Monmouth	1.3	10.9	1.4	97.6	33.0	83.1	436.7	4.3	38.1	15.1	3506.2	4228
Morris	0.7	5.8	0.6	38.4	13.5	50.4	216.4	2.8	19.8	3.3	1313.2	1665
Ocean	0.6	9.0	1.0	59.0	18.2	65.5	210.4	3.1	14.3	6.3	2223.0	2610
Passaic	3.4	14.0	1.4	82.1	49.7	89.9	359.5	8.3	35.4	42.9	3255.8	3942
Salem	0.3	1.7	0.2	14.9	3.4	18.6	42.0	0.7	4.2	0.2	340.6	427
Somerset	0.6	1.3	0.3	32.4	7.4	18.8	162.2	1.2	6.9	2.5	607.2	841
Sussex	0.1	1.4	0.2	17.7	2.6	19.6	45.3	1.1	3.2	0.0	283.4	375
Union	3.6	7.9	1.4	86.9	57.2	73.3	441.9	4.2	58.0	68.4	3585.4	4388
Warren	0.1	1.1	0.1	14.1	2.9	11.8	63.2	1.0	3.2	0.0	352.0	450
New Jersey	38.9	207.6	26.1	1368.5	794.8	1423.7	6428.9	64.1	778.7	304.4	48860.6	60296

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	Stolen Property	Prostitution	Drug Laws	Total Arrests
Drug Factor Fractions	0.158	0.024	0.051	0.051	0.272	0.30	0.296	0.068	0.151	0.128	0.151	
Atlantic	0.1	2.8	0.3	17.9	18.1	39.5	164.0	1.8	12.5	0.7	285.8	543
Bergen	0.1	2.5	0.2	20.2	13.4	35.7	203.8	1.3	12.5	0.0	452.2	742
Burlington	0.0	1.8	0.3	18.0	11.3	33.4	98.3	2.0	10.5	0.2	360.4	536
Camden	0.6	5.4	0.6	28.4	22.1	53.8	156.5	1.8	28.3	0.6	651.8	950
Cape May	0.0	0.9	0.1	5.2	4.4	21.8	78.6	0.7	3.3	0.0	229.2	344
Cumberland	0.1	1.9	0.3	15.8	16.2	44.0	105.7	1.6	9.7	0.1	152.0	347
Essex	0.8	8.0	0.9	27.2	60.1	41.6	120.5	4.6	83.0	0.3	1146.6	1494
Gloucester	0.0	1.2	0.1	11.3	4.2	26.5	103.2	1.4	7.4	0.0	262.2	417
Hudson	0.3	6.5	0.3	17.4	75.7	29.3	82.6	1.7	25.9	0.4	669.8	910
Hunterdon	0.0	0.2	0.1	2.6	0.3	3.7	14.4	0.4	1.1	0.0	97.8	121
Mercer	0.3	3.0	0.2	28.9	25.8	32.6	146.3	3.6	30.7	0.1	409.2	681
Middlesex	0.0	2.7	0.5	18.1	11.8	28.4	177.9	1.6	12.0	0.0	345.8	599
Monmouth	0.1	2.9	0.2	20.9	14.5	43.4	207.6	1.8	13.1	0.1	551.8	856
Morris	0.0	0.9	0.1	7.0	3.1	18.7	80.0	0.7	4.6	0.0	260.8	376
Ocean	0.0	2.4	0.3	17.8	7.1	46.1	144.0	1.5	6.6	0.1	449.0	675
Passaic	0.8	3.4	0.2	28.0	24.3	31.7	113.9	4.2	18.4	0.1	436.6	661
Salem	0.0	0.4	0.1	4.2	1.2	10.1	19.0	0.4	2.3	0.0	42.2	80
Somerset	0.0	0.6	0.1	10.2	3.2	10.4	67.9	0.6	3.4	0.0	148.8	245
Sussex	0.0	0.5	0.0	3.4	0.3	8.6	22.1	0.4	0.8	0.0	86.4	123
Union	0.1	1.3	0.2	14.6	23.0	22.3	141.1	2.3	22.7	0.2	468.2	696
Warren	0.0	0.2	0.1	2.7	1.2	7.6	30.4	0.3	1.1	0.0	69.0	112
New Jersey	**3.4**	**49.5**	**5.0**	**319.7**	**341.1**	**589.1**	**2277.8**	**34.7**	**309.7**	**2.9**	**7575.6**	**11509**

Table title: **Drug Attributable Arrests of Juvenile Population in New Jersey, 1999 - 2003** **Age <18**
5-year average criminal justice data, 1999 - 2003

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County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	DUI	Liquor Laws	Total Arrests
Atlantic	1.1	62.0	3.0	230.7	2.7	4.7	21.3	9.6	734.3	86.4	1155.8
Bergen	0.3	19.9	0.8	79.1	0.8	1.6	9.0	3.2	282.8	82.1	479.5
Burlington	0.4	24.2	1.2	142.3	1.1	2.5	8.5	6.9	401.9	106.5	695.6
Camden	1.8	60.4	2.6	182.4	1.9	3.8	12.7	6.4	532.9	109.0	913.9
Cape May	0.5	56.4	3.0	194.7	1.6	6.7	17.5	9.8	850.9	2246.6	3387.8
Cumberland	1.3	81.5	4.9	265.8	4.3	9.9	19.5	12.7	674.6	33.4	1108.0
Essex	2.7	80.0	3.3	132.4	4.0	4.4	10.1	6.6	124.9	45.9	414.4
Gloucester	0.5	31.0	1.7	145.9	1.0	3.4	13.1	8.9	490.0	192.1	887.6
Hudson	1.4	70.3	1.0	118.9	3.9	2.9	9.3	3.7	146.6	48.4	406.3
Hunterdon	0.0	8.7	0.4	47.1	0.1	1.3	3.5	4.4	385.7	50.7	501.9
Mercer	1.4	34.4	3.0	131.5	2.2	3.0	10.7	8.1	285.2	309.1	788.6
Middlesex	0.4	24.8	1.4	75.6	0.8	1.8	8.2	4.2	279.1	48.8	445.1
Monmouth	0.4	27.8	1.2	112.0	1.0	2.4	9.8	5.1	416.4	208.5	784.5
Morris	0.3	17.8	0.6	56.4	0.4	1.7	5.9	3.8	399.5	108.8	595.4
Ocean	0.2	27.0	1.1	86.3	0.6	2.6	6.4	4.5	390.0	145.3	664.0
Passaic	1.6	43.8	1.4	131.0	1.9	3.0	9.1	13.1	276.0	48.5	529.3
Salem	0.8	40.9	2.2	174.6	0.9	5.4	9.0	8.4	703.0	97.8	1042.9
Somerset	0.4	8.1	0.6	82.6	0.4	1.2	7.2	3.0	305.1	63.4	472.0
Sussex	0.2	15.5	0.8	84.9	0.3	2.3	4.3	5.3	409.5	78.3	601.4
Union	1.3	21.8	1.3	113.3	1.9	2.2	10.5	6.4	184.6	75.6	418.9
Warren	0.2	16.4	0.9	93.5	0.5	2.2	8.4	6.1	365.0	113.8	606.9
New Jersey	**0.9**	**37.8**	**1.6**	**116.8**	**1.7**	**2.8**	**9.7**	**6.0**	**337.5**	**125.8**	**640.6**

Table title: **Total Alcohol Attributable Arrest Rates / 100,000 in New Jersey** — **5-year average criminal justice data, 1999 - 2003**

County	Homicide	Aggravated Assault	Sexual Assault	Other Assault	Robbery	Burglary	Larceny	Auto Theft	Stolen Property	Prostitution	Drug Laws	Total Arrests
Total Drug Attributable Arrest Rates / 100,000 in New Jersey												
5-year average criminal justice data, 1999 - 2003												
Atlantic	0.6	5.0	0.7	39.2	21.2	39.2	225.2	1.9	0.0	0.0	13.3	9.8
Bergen	0.1	1.6	0.2	13.4	6.2	13.7	95.0	0.6	0.0	0.0	7.1	0.7
Burlington	0.2	1.9	0.3	24.2	9.0	21.2	90.2	1.3	0.0	0.0	9.6	0.9
Camden	1.0	4.8	0.6	31.0	15.3	31.7	134.6	1.2	0.0	0.0	18.1	2.1
Cape May	0.3	4.5	0.7	33.1	12.6	56.2	185.3	1.9	0.0	0.0	12.4	0.3
Cumberland	0.7	6.5	1.1	45.2	34.7	82.7	206.4	2.5	0.0	0.0	18.7	4.2
Essex	1.4	6.4	0.8	22.5	32.0	36.8	107.1	1.3	0.0	0.0	35.9	8.3
Gloucester	0.3	2.5	0.4	24.8	8.0	28.1	138.1	1.7	0.0	0.0	11.3	0.3
Hudson	0.7	5.6	0.2	20.2	31.3	23.8	98.3	0.7	0.0	0.0	16.9	4.2
Hunterdon	0.0	0.7	0.1	8.0	0.6	10.7	36.8	0.8	0.0	0.0	3.2	0.1
Mercer	0.8	2.8	0.7	22.4	17.5	25.0	113.3	1.6	0.0	0.0	21.6	3.9
Middlesex	0.2	2.0	0.3	12.9	6.6	15.3	86.3	0.8	0.0	0.0	8.2	1.3
Monmouth	0.2	2.2	0.3	19.0	7.6	20.3	103.5	1.0	0.0	0.0	8.2	2.4
Morris	0.2	1.4	0.1	9.6	3.5	14.6	62.5	0.7	0.0	0.0	5.2	0.7
Ocean	0.1	2.2	0.3	14.7	4.8	21.3	67.6	0.9	0.0	0.0	4.0	1.2
Passaic	0.9	3.5	0.3	22.3	15.0	24.6	95.8	2.5	0.0	0.0	10.9	8.7
Salem	0.4	3.3	0.5	29.7	7.1	44.6	95.0	1.6	0.0	0.0	10.0	0.3
Somerset	0.2	0.6	0.1	14.0	3.5	9.6	75.9	0.6	0.0	0.0	3.4	0.8
Sussex	0.1	1.2	0.2	14.4	2.0	19.2	46.0	1.0	0.0	0.0	2.7	0.0
Union	0.7	1.7	0.3	19.3	15.2	18.2	110.7	1.2	0.0	0.0	15.3	13.0
Warren	0.1	1.3	0.2	15.9	3.9	18.3	88.5	1.2	0.0	0.0	4.1	0.0
New Jersey	**0.5**	**3.0**	**0.4**	**19.9**	**13.4**	**23.7**	**102.4**	**1.2**	**0.0**	**0.0**	**12.8**	**3.6**

	Total Alcohol and Drug Attributable Arrest Rates Per 100,000 Population 5-year average criminal justice data, 1999 - 2003										
	Alcohol Related Arrest Rates						Drug Related Arrest Rates					
County	Adults		Juveniles		Total		Adults		Juveniles		Total	
	Number	Rates	Number	Rates	Number	Rates	Number	Rate	Number	Rates	Number	Rates
Atlantic	2,682	1,404	269	418	2,951	1,156	2451	1,283	543	845	2994	1,172
Bergen	3,656	531	616	303	4,272	479	3174	461	742	365	3916	440
Burlington	2,589	799	404	381	2,993	696	2152	664	536	505	2688	625
Camden	4,148	1,107	506	376	4,654	914	4493	1,199	950	706	5443	1,069
Cape May	2,966	3,723	491	2,196	3,457	3,388	977	1,226	344	1,539	1321	1,295
Cumberland	1,457	1,327	170	459	1,627	1,108	1381	1,258	347	936	1728	1,177
Essex	2,848	486	444	214	3,292	414	12445	2,122	1494	719	13939	1,755
Gloucester	2,050	1,072	239	359	2,289	888	1704	891	417	626	2121	822
Hudson	2,171	459	320	228	2,491	406	6060	1,281	910	649	6970	1,136
Hunterdon	576	613	51	164	627	502	504	537	121	390	625	500
Mercer	2,452	916	346	397	2,798	788	3018	1,128	681	781	3699	1,042
Middlesex	3,086	531	311	170	3,397	445	3013	519	599	328	3612	473
Monmouth	4,274	924	609	381	4,883	785	4228	914	856	535	5084	817
Morris	2,469	692	352	300	2,821	595	1665	467	376	321	2041	431
Ocean	3,052	756	427	355	3,479	664	2610	646	675	562	3285	627
Passaic	2,273	624	343	263	2,616	529	3942	1,083	661	508	4603	931
Salem	615	1,275	56	350	671	1,045	427	885	80	500	507	789
Somerset	1,272	563	159	206	1,431	472	841	372	245	318	1086	358
Sussex	796	744	85	215	881	601	375	350	123	311	498	340
Union	1,918	486	287	218	2,205	419	4388	1,111	696	529	5084	966
Warren	566	719	76	283	642	608	450	571	112	416	562	532
New Jersey	47,916	748	6,561	312	54,477	641	60298	942	11508	548	71806	844

Appendix D – Treatment Admissions Data by Counties

| County | Residential Treatment Admissions - New Jersey, 2002 | | | | | | | | | | | | All | |
| | Hospital Detox/IMU | | Residential Detox | | Short-term Residential | | Thrapeutic Community | | Extended Care | | Halfway House | | | |
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	53	0.23	385	1.65	256	1.10	164	0.7	16	0.07	35	0.15	909	3.89
Bergen	698	2.99	118	0.51	530	2.27	148	0.63	5	0.02	64	0.27	1,563	6.7
Burlington	37	0.16	238	1.02	233	1.00	71	0.3	3	0.01	35	0.15	617	2.64
Camden	42	0.18	537	2.3	284	1.22	282	1.21	5	0.02	50	0.21	1,200	5.14
Cape May	17	0.07	90	0.39	101	0.43	36	0.15	1	0	12	0.05	257	1.1
Cumberland	55	0.24	114	0.49	125	0.54	65	0.28	18	0.08	26	0.11	403	1.73
Essex	3,290	14.1	358	1.53	384	1.65	364	1.56	16	0.07	90	0.39	4,502	19.3
Gloucester	22	0.09	266	1.14	135	0.58	51	0.22	1	0	23	0.1	498	2.13
Hudson	1,388	5.95	89	0.38	281	1.20	372	1.59	30	0.13	58	0.25	2,218	9.5
Hunterdon	70	0.3	19	0.08	29	0.12	27	0.12	1	0	16	0.07	162	0.69
Mercer	131	0.56	130	0.56	160	0.69	134	0.57	89	0.38	44	0.19	688	2.95
Middlesex	417	1.79	325	1.39	308	1.32	147	0.63	4	0.02	64	0.27	1,265	5.42
Monmouth	274	1.17	652	2.79	373	1.60	262	1.12	9	0.04	90	0.39	1,660	7.11
Morris	696	2.98	151	0.65	240	1.03	57	0.24	.	.	42	0.18	1,186	5.08
Ocean	177	0.76	466	2	387	1.66	139	0.6	3	0.01	48	0.21	1,220	5.23
Passaic	1,066	4.57	95	0.41	249	1.07	353	1.51	3	0.01	98	0.42	1,864	7.99
Salem	15	0.06	64	0.27	39	0.17	28	0.12	.	.	12	0.05	158	0.68
Somerset	239	1.02	29	0.12	68	0.29	49	0.21	5	0.02	38	0.16	428	1.83
Sussex	204	0.87	141	0.6	102	0.44	36	0.15	.	.	17	0.07	500	2.14
Union	660	2.83	231	0.99	228	0.98	267	1.14	7	0.03	181	0.78	1,574	6.74
Warren	102	0.44	27	0.12	61	0.26	20	0.09	.	.	11	0.05	221	0.95
New Jersey	9,669	41.43	4,611	19.8	4,659	19.96	3,122	13.4	219	0.94	1,059	4.54	23,339	100

Outpatient Treatment Admissions								New Jersey, 2002	
County	Outpatient Care		Methadone Maintenance		Intensive Outpatient		Outpatient Detox		Total	
	N	**%**	**N**	**%**	**N**	**%**	**N**	**%**	**N**	**%**
Atlantic	399	1.29	148	0.48	420	1.36	257	0.83	1,224	3.97
Bergen	1,337	4.33	134	0.43	252	0.82	188	0.61	1,911	6.2
Burlington	596	1.93	179	0.58	125	0.41	40	0.13	940	3.05
Camden	852	2.76	928	3.01	687	2.23	137	0.44	2,604	8.44
Cape May	661	2.14	33	0.11	77	0.25	9	0.03	780	2.53
Cumberland	392	1.27	86	0.28	387	1.25	5	0.02	870	2.82
Essex	1,000	3.24	940	3.05	740	2.4	1,932	6.26	4,612	14.95
Gloucester	592	1.92	232	0.75	159	0.52	41	0.13	1,024	3.32
Hudson	833	2.7	195	0.63	324	1.05	590	1.91	1,942	6.3
Hunterdon	473	1.53	36	0.12	17	0.06	23	0.07	549	1.78
Mercer	501	1.62	286	0.93	64	0.21	29	0.09	880	2.85
Middlesex	1,046	3.39	368	1.19	266	0.86	398	1.29	2,078	6.74
Monmouth	1,347	4.37	751	2.43	551	1.79	114	0.37	2,763	8.96
Morris	333	1.08	146	0.47	338	1.1	60	0.19	877	2.84
Ocean	431	1.4	730	2.37	482	1.56	30	0.1	1,673	5.42
Passaic	399	1.29	241	0.78	222	0.72	666	2.16	1,528	4.95
Salem	157	0.51	36	0.12	98	0.32	2	0.01	293	0.95
Somerset	465	1.51	112	0.36	138	0.45	31	0.1	746	2.42
Sussex	80	0.26	42	0.14	151	0.49	28	0.09	301	0.98
Union	833	2.7	306	0.99	266	0.86	657	2.13	2,062	6.69
Warren	354	1.15	43	0.14	245	0.79	2	0.01	644	2.09
New Jersey	**13,149**	**42.63**	**6,413**	**20.79**	**6,027**	**19.54**	**5,256**	**17.04**	**30,845**	**100**

County	County Share of Resident Admissions by Primary Drug New Jersey 2002										All	
	Alcohol		Heroin		Cocaine/Crack		Marijuana		Other drugs			
	N	%	N	%	N	%	N	%	N	%	N	%
Atlantic	581	1.11	964	1.84	166	0.32	240	0.46	88	0.17	2,039	3.9
Bergen	1,300	2.48	995	1.9	440	0.84	361	0.69	143	0.27	3,239	6.19
Burlington	570	1.09	440	0.84	192	0.37	145	0.28	91	0.17	1,438	2.75
Camden	833	1.59	1,594	3.05	440	0.84	505	0.96	231	0.44	3,603	6.88
Cape May	415	0.79	184	0.35	101	0.19	161	0.31	68	0.13	929	1.78
Cumberland	437	0.84	291	0.56	156	0.3	238	0.45	30	0.06	1,152	2.2
Essex	780	1.49	6,877	13.14	605	1.16	540	1.03	143	0.27	8,945	17.09
Gloucester	434	0.83	494	0.94	142	0.27	238	0.45	115	0.22	1,423	2.72
Hudson	901	1.72	2,260	4.32	379	0.72	368	0.7	118	0.23	4,026	7.69
Hunterdon	300	0.57	189	0.36	47	0.09	99	0.19	42	0.08	677	1.29
Mercer	474	0.91	587	1.12	294	0.56	282	0.54	39	0.07	1,676	3.2
Middlesex	726	1.39	1,598	3.05	319	0.61	451	0.86	114	0.22	3,208	6.13
Monmouth	1,124	2.15	1,663	3.18	679	1.3	620	1.18	158	0.3	4,244	8.11
Morris	801	1.53	847	1.62	129	0.25	140	0.27	99	0.19	2,016	3.85
Ocean	699	1.34	1,464	2.8	203	0.39	271	0.52	142	0.27	2,779	5.31
Passaic	550	1.05	1,990	3.8	305	0.58	413	0.79	56	0.11	3,314	6.33
Salem	121	0.23	106	0.2	55	0.11	103	0.2	13	0.02	398	0.76
Somerset	408	0.78	435	0.83	89	0.17	158	0.3	42	0.08	1,132	2.16
Sussex	270	0.52	358	0.68	44	0.08	55	0.11	52	0.1	779	1.49
Union	566	1.08	2,208	4.22	373	0.71	334	0.64	59	0.11	3,540	6.76
Warren	301	0.58	237	0.45	68	0.13	138	0.26	46	0.09	790	1.51
New Jersey	12,828	24.51	26,344	50.34	5,300	10.13	5,919	11.31	1,944	3.71	52,335	100

Appendix E – Glossary of terms, Data Source & References

Glossary of Terms

Community Environment

Population:
Population: The total census population for each County.

Density: The ratio of the total population to the total area of each County per square mile.

Black or African American: A person having origins in any of the black racial groups of Africa. It includes people who indicate their race as Black, African American, or Nigerian, Kenyan, Haitian…etc.

Child abuse / neglect referrals: The number of child abuse and neglect referrals to New Jersey Division of Youth and Family Services (DYFS) for intervention, per 1,000 children 0-17 years old in the population.

Hispanic: Defined by self-identification, Hispanic origin refers to ethnicity, not race. Persons of Hispanic origin may be of any race. The terms "Spanish", "Hispanic origin" and "Latino" are used interchangeably by those who identify themselves in one of the specific categories listed in the census questionnaires as Mexican, Puerto Rican, or Cuban as well as those who indicate that they are "other Spanish /Hispanic/ Latino". "Other Spanish/Hispanic/Latino" are those whose origins are from Spain, the Spanish speaking countries of Central and South America, the Dominican Republic, or people who identify themselves as Spanish.

White: A person having origins in any of the original peoples of Europe, the Middle East, or North Africa. It includes people who indicate their race as 'white, Irish, German, Italian, Lebanese, Near-easterner, Arab, or Polish'.

Economic Deprivation:
Poverty Rate, **all ages** (%)**:** The percentage of persons who live in families with incomes below the poverty line. It is computed by dividing the number of persons in poverty by the total number of the population for whom poverty status has been determined.

Child Poverty Rate (%): The percentage of children 0-17 years old who live in families with income below the poverty line. It is computed by dividing the number of children in poverty by the total number of children for whom poverty status has been determined.

Elderly Poverty Rate (%)**:** The percentage of people 65 years old and over who live in families with income below the poverty line. It is computed by dividing the number of elderly people in poverty by the total number of the population for whom poverty status has been determined.

Unemployment Rate (%): The percentage of unemployed workers per total labor force.

Median Household Income: This measure divides income distribution of households into two equal groups, one having incomes above the median, and other having incomes below the median. The median household income is the income level where half of the households in the municipality have a lower income and half have a higher income. The median is based on all households.

Families with children (under 18 years) on TANF (Temporary Assistance for Needy Families): Assistance provided by the federal government to assist needy families with Children aged 5-17 years so that children can be cared for in their own homes. This rate is calculated by dividing the total number of TANF cases in each municipality, by families with children less than 18 years, and then multiplying by 1,000.

Community Attachment:

Voter Turnout (%)**:** The number of ballots cast as a percentage of the number of persons registered to vote in the general elections.

Owner occupied housing (%)**:** A housing unit is owner occupied if the owner or co-owner lives in the unit even if it is mortgaged or not fully paid. The percentage of owner occupied housing is computed by dividing the number of owner occupied housing units, by the total number of occupied housing units, and then multiplying by 100.

Crime Level:

Violent crime rate /1,000: The number of crime offences related to murder, rape, robbery and aggravated assault reported to police per 1,000 of the total population.

Non-violent crime rate /1,000: The number of crime offences related to burglary, larceny-theft, and motor vehicle theft reported to police per 1,000 of the total population.

Total crime rate /1,000: The number of index offences (violent & non-violent crime) reported per 1,000 of the total population. The 'index' refers to FBI groupings of crimes. This only includes the most serious categories of crime, as categorized by the FBI. It does not include lesser crimes such as fraud, vandalism, etc.

Housing Adequacy:

Homeowner vacancy rate (%)**:** The proportion of homeowner housing inventory that is vacant for sale. It is computed by dividing the number of vacant units for sale only, by the sum of the owner-occupied units and vacant units that are for sale only, and then multiplying by 100.

Rental vacancy rate (%): The proportion of rental inventory that is vacant for rent. It is computed by dividing the number of vacant units for rent by the sum of the renter occupied units and the number of vacant units for rent, and then multiplied by 100.

Household size of owner-occupied housing: A measure obtained by dividing the number of people living in owner-occupied housing units by the total number of owner-occupied housing units.

Household size of renter-occupied housing: A measure obtained by dividing the number of people living in renter-occupied housing units by the total number of renter-occupied housing units.

Family Structure/Child Development

Domestic violence/1,000: The number of domestic violence cases reported to police per 1,000 of the total population.

Family households with own children under 18 (%)**:** This is computed by dividing the number of family households with children under 18 years, by the total number of family households, and then multiplying by 100.

Households with individuals 65 years old and over (%): This is computed by dividing the households with individuals 65 years and over, by the total number of households, and then multiplying by 100.

Child abuse and neglect /1,000: The number of child abuse and neglect referrals to New Jersey Division of Youth and Family Services (DYFS) for intervention, per 1,000 children 0-17 years old in the population.

Teenage birth rate/1,000: The number of births to women 15-19 years old, per 1,000 females in this age group.

School Involvement

High school graduates, 18 years & over (%): The percentage of population (18 years and over) with a High School Graduate diploma (including GED or equivalent). It also includes the population that attended some college but who obtained less than a Bachelor's degree.

Highest level of education obtained: The percentage of population (25 years and over) with a High School Graduate diploma (including GED or equivalent). It also includes the population that attended some college but who obtained less than a Bachelor's degree.

College graduates, 25 years & over (%): The percentage of population (25 years and over) with a Bachelor's degree or higher.

Individual/Peer Behavior

Burglary/1,000: The number of burglary cases reported to police per 1,000 of the total population.

Larceny/1,000: The number of larceny cases reported to police per 1,000 of the total population.

Motor vehicle theft/1,000: The number of motor vehicle theft cases reported to police per 1,000 of the total population.

Substance Abuse Related Problems

Alcohol treatment admissions/10,000: The number of alcohol treatment admissions per 10,000 of the total population.

Drug treatment admissions/10,000: The number of drug treatment admissions per 10,000 of the total population.

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