

# County Chartbook of Social & Health Indicators

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## Hunterdon County, New Jersey

Submitted by:  
Division of Addiction Services  
New Jersey Department of Human Services  
June 2005



**DAS - DHS**

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Reported by:

Allison Gertel-Rosenberg, M.S.  
Program Manager  
Office of Policy Development  
Division of Addiction Services  
NJ Department of Human Services

Yohannes Hailu, Ph.D.  
Office of Policy Development  
Division of Addiction Services  
NJ Department of Human Services

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# Introduction

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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.

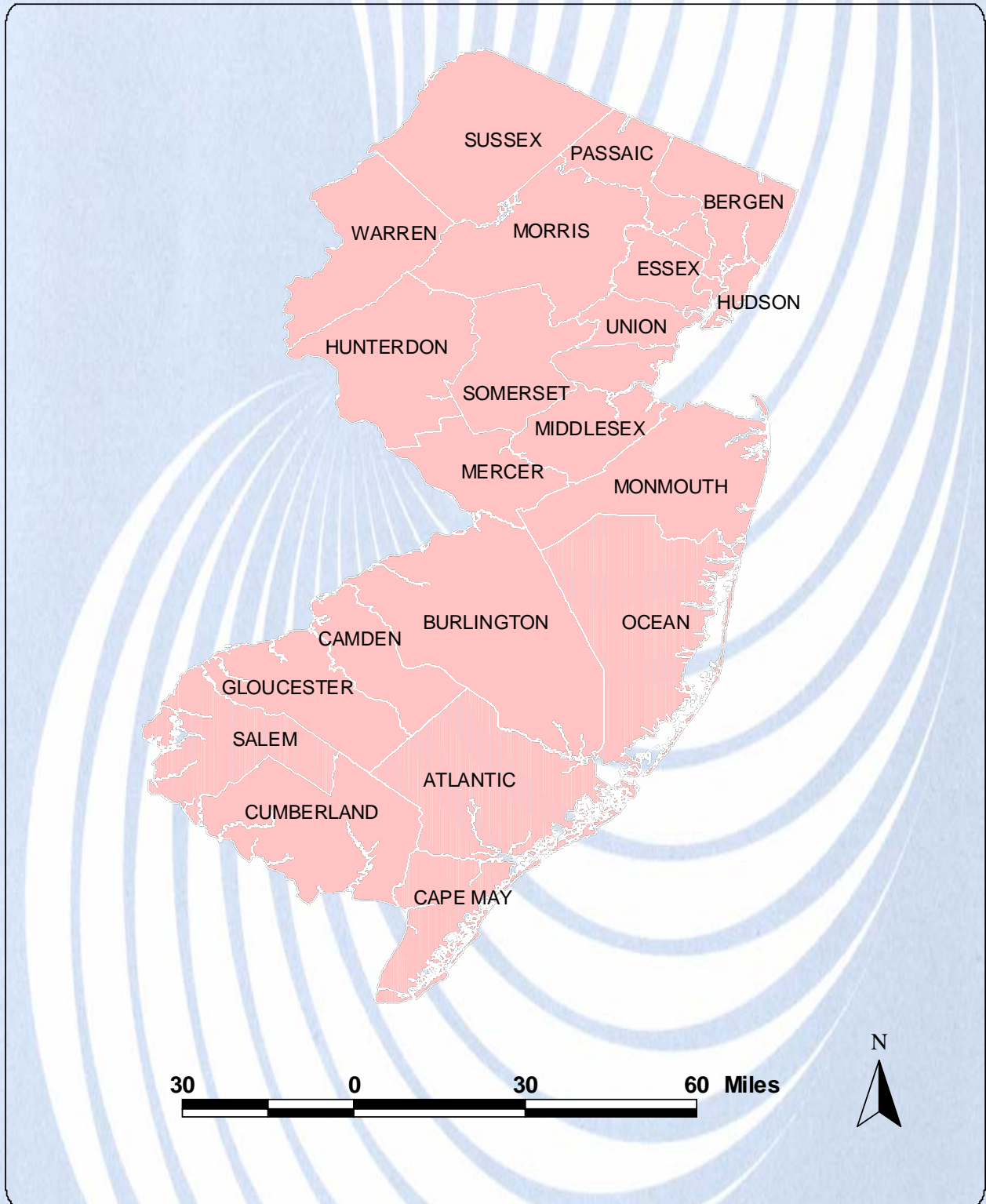
The *State Profile* and the *County Profiles* contain the four indicators listed in the CSAT Core Protocol. These are indicators of population characteristics, substance abuse related mortality (e.g., drug related and alcohol related mortality), criminal justice cases (alcohol and drug related crime), 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  $\geq 2,500$  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



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

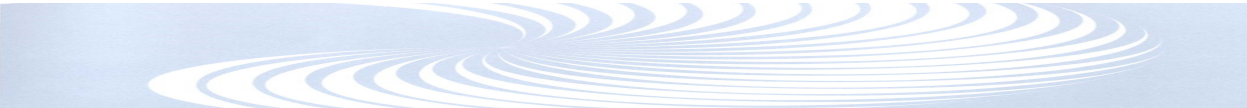
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This section describes the population characteristics of New Jersey in order to provide a context for analyzing and interpreting the social indicators that have potential effects on health status, treatment needs and type of treatment services provided. 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**

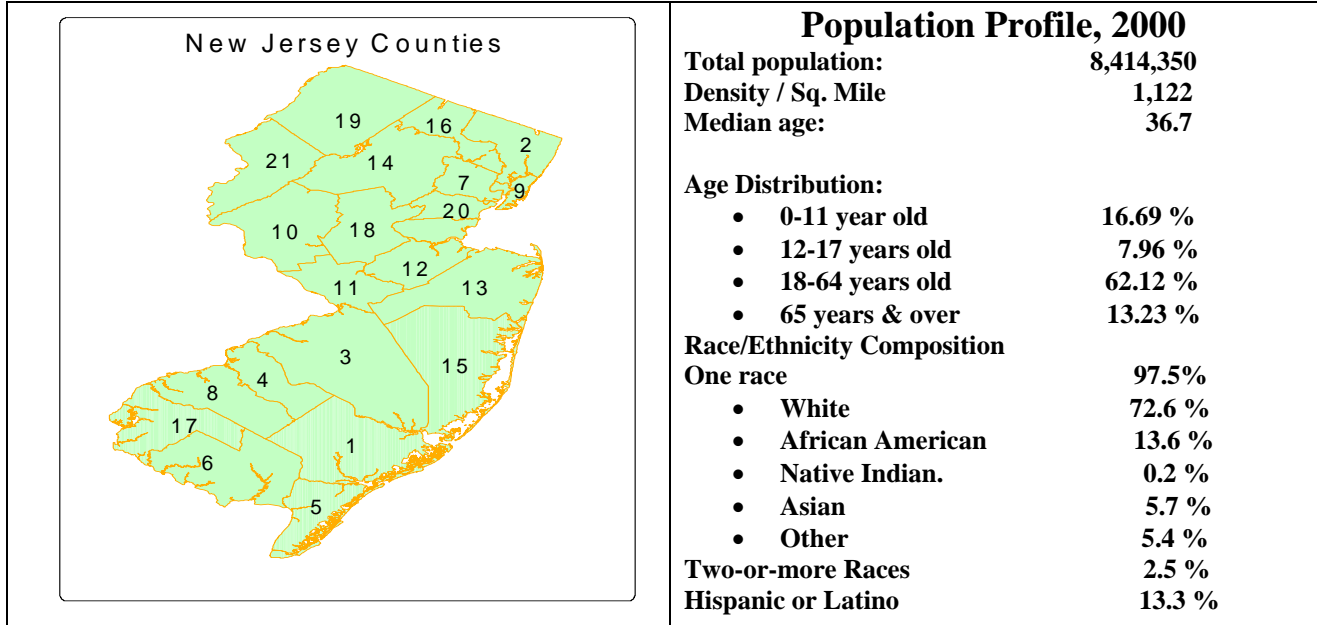
- Population Distribution (1980-2000)
- Population Growth
- Regional Distribution of Population (1950-2000)
- Age Structure
- Population Distribution by Age
- Population Distribution by Age and Gender
- Population Distribution by Race/Ethnic Composition

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

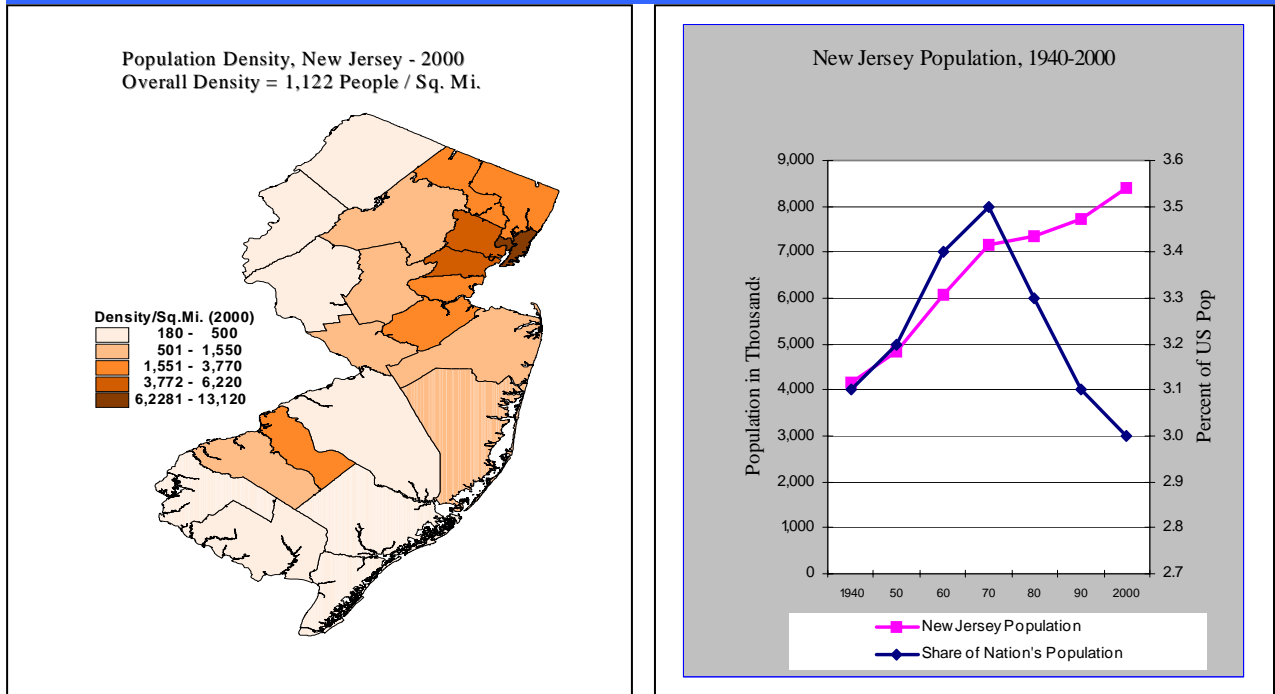
- County Population Size and Change, 1990-2010
  - County Population by Age, 2000-2010
  - County Population by Gender, 2000
  - County Population by Race/Ethnicity, 2000
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## Population Growth, New Jersey (1980-2000)



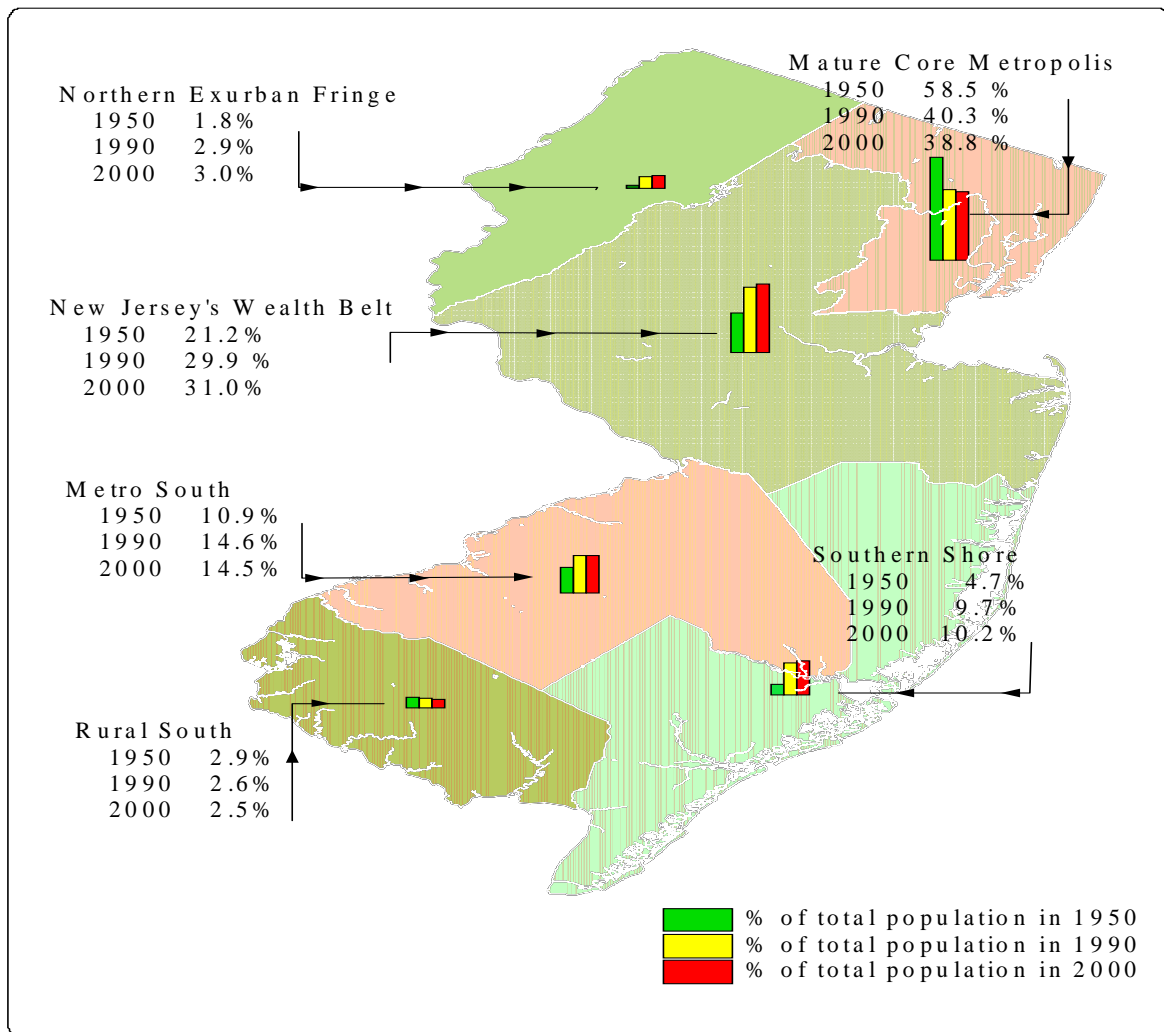
| No.               | County     | Total Population |                  |                  | Percent Change |              | Density/Sq.Mile<br>2000 |
|-------------------|------------|------------------|------------------|------------------|----------------|--------------|-------------------------|
|                   |            | 1980             | 1990             | 2000             | 1980-1990      | 1990-2000    |                         |
| 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                     |
| <b>New Jersey</b> |            | <b>7,365,011</b> | <b>7,730,188</b> | <b>8,414,350</b> | <b>5.0 %</b>   | <b>8.9 %</b> | <b>1,122</b>            |



- 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.<sup>1</sup> 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%).

<sup>1</sup> 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 33<sup>rd</sup> in population growth nationally.

## Regional Distribution of Population, New Jersey, 1950-2000



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<sup>2</sup> (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<sup>3</sup> 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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<sup>2</sup> The baby bust generation is an undersized population cohort produced during the low-birth era from 1965 to 1976.

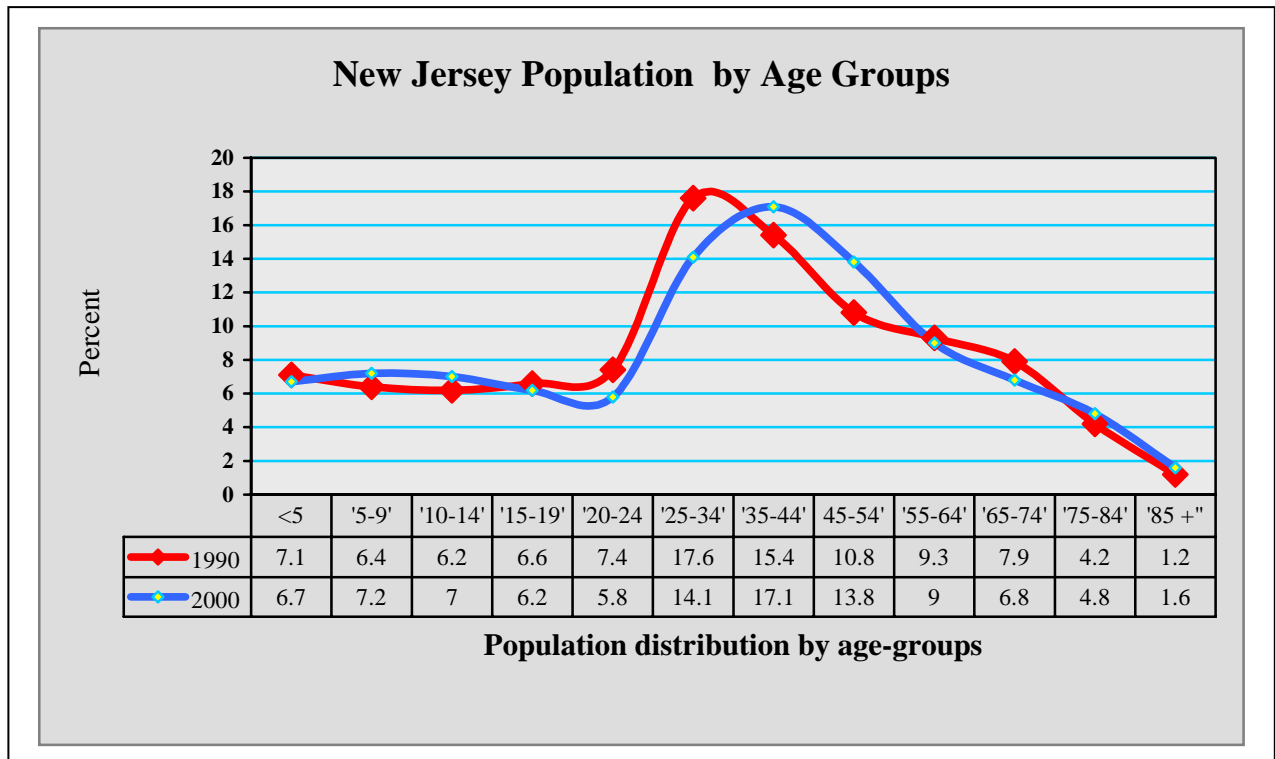
<sup>3</sup> The baby boom echo began to unfold in the 1970s, as the baby boomers began to pair, nest, reproduce and parent creating a second baby boom.

# Population Distribution by Age

# New Jersey

| New Jersey Population by Age 1990-2000 |           |         |           |         |                    |
|--|-----------|---------|-----------|---------|--------------------|
| 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'                                | 719,198   | 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               |

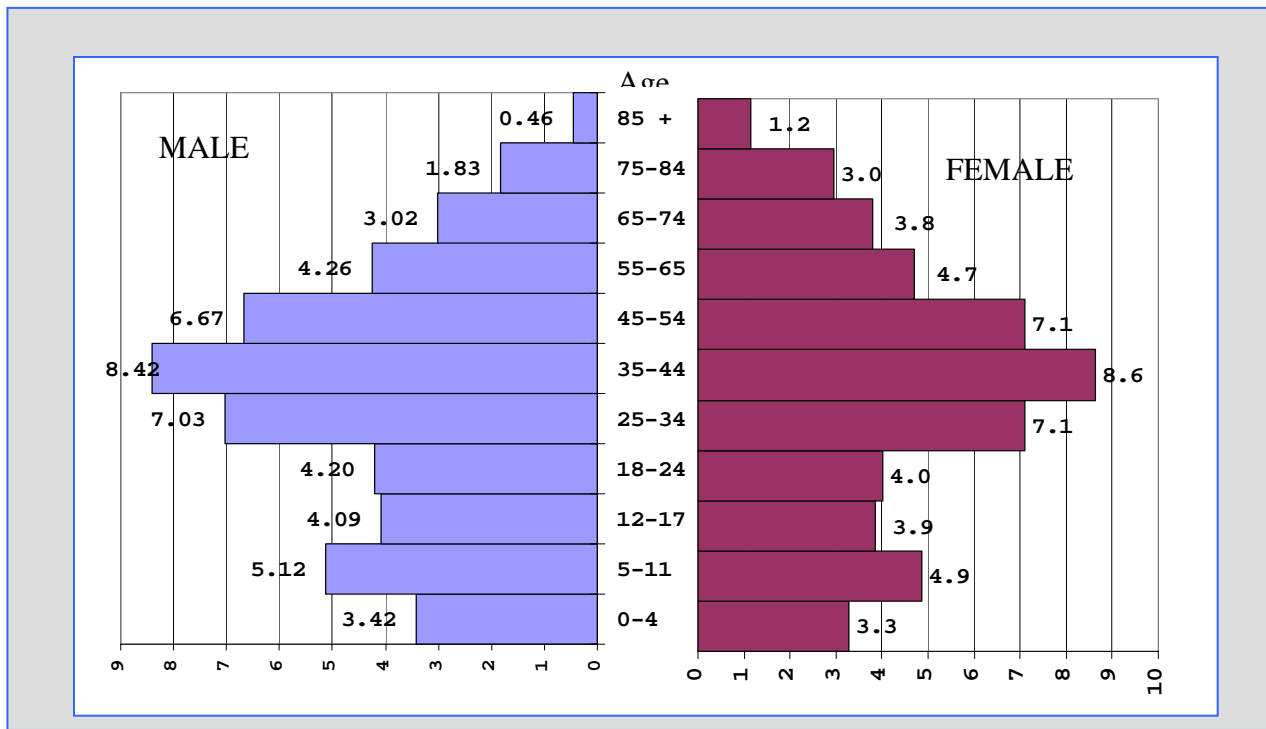
Source: US Bureau of the Census, 5-01-2000



## Population Distribution by Age and Gender, New Jersey

| Population Distribution by Age and Gender, New Jersey 2000 |                   |       |            |                 |                  |              |                   |                  |
|--|-------------------|-------|------------|-----------------|------------------|--------------|-------------------|------------------|
| Age  | Both Sexes        |       | Male       |                 |                  | Female       |                   |                  |
|  | 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<sup>4</sup>: 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  |
| <b>One Race</b>             | 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 |
| <b>Two-or-more Races</b>    | N.A       | N.A.       | 213,755   | 2.5        | N.A              | N.A. |
| <b>Hispanic or Latino</b>   | 739,861   | 9.6        | 1,117,191 | 13.3       | 377,330          | 55.0 |
| * Alaska Native             |           |            |           |            |                  |      |
| ** Pacific Islander         |           |            |           |            |                  |      |

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

# Mortality Attributable to Drug and Alcohol Abuse, New Jersey

## Introduction

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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.

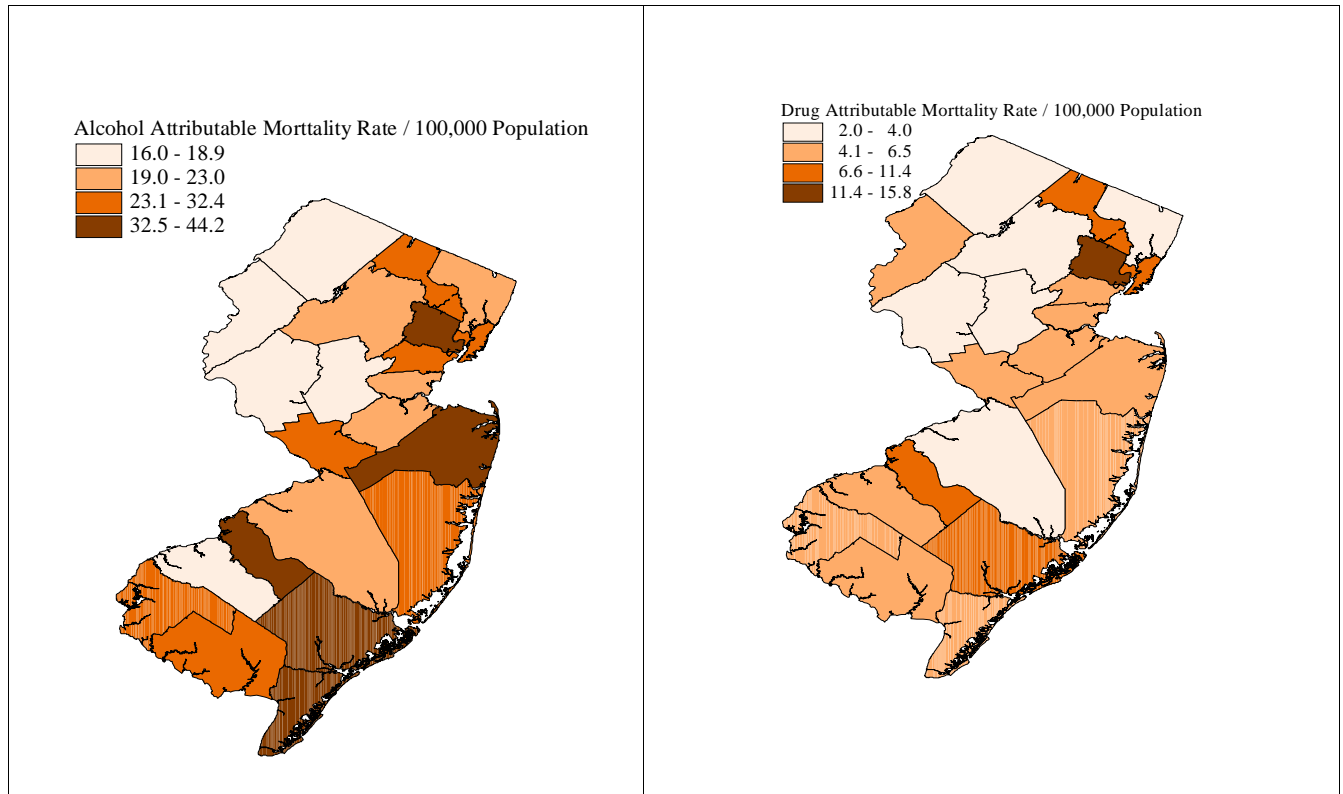
**1. Mortality data attributable to alcohol and drugs in New Jersey.**

- 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.
-



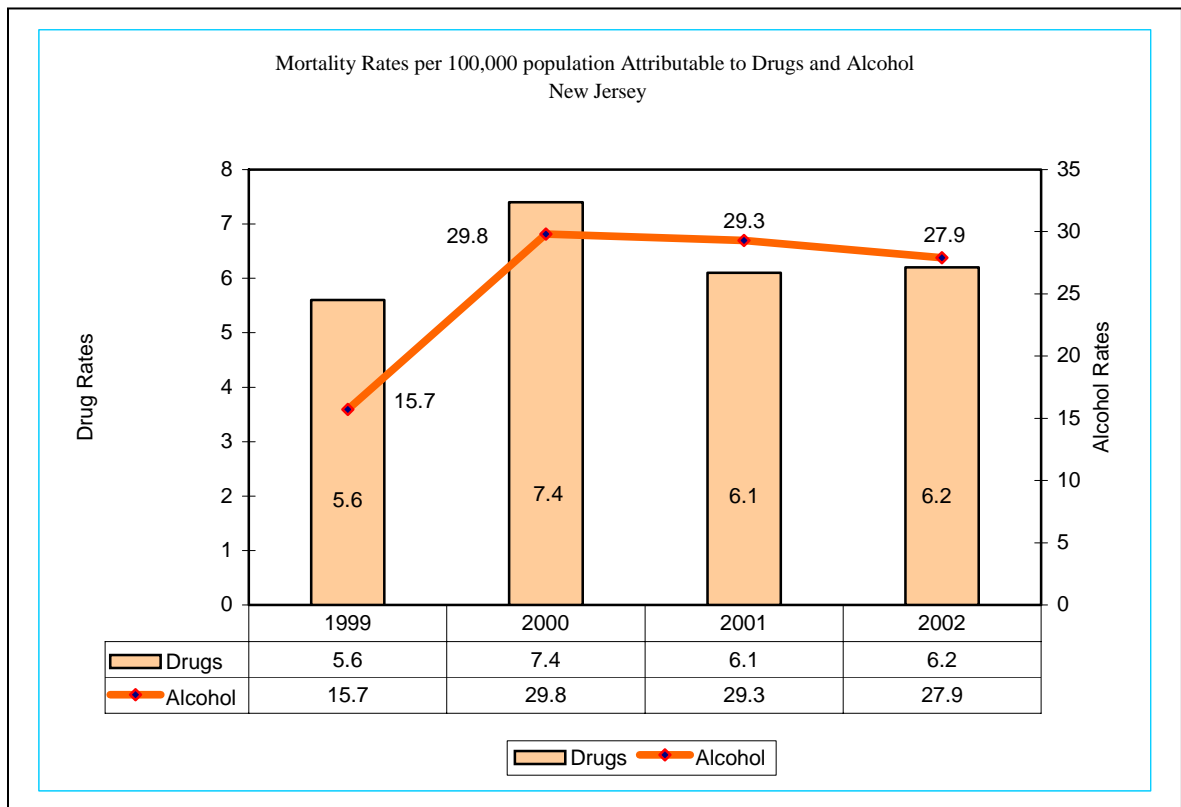


**5-Year Average Age-Adjusted Mortality Rates Attributable to Alcohol & Drug Abuse  
Per 100,000 Population, New Jersey (1998-2002)**

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

## 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 disease (8.7%) and cirrhosis of the liver (7.8%).



| <b>Mortality Counts Attributable to Alcohol and Drugs</b> |                    |                | <b>New Jersey, 2002</b> |                |                |  |
|---|--------------------|----------------|-------------------------|----------------|----------------|--|
| <b>100 Percent Drug Caused Conditions</b>                 |                    |                | Mortality               |                |                |  |
| <b>ICD-9 Codes shown are equivalent to ICD-10 Codes</b>   | <b>ICD-9 Codes</b> | <b>Male</b>    | <b>Female</b>           | <b>Total</b>   | <b>percent</b> |  |
| 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          |  |
| <b>Total death due to drugs in 2002</b>                   |                    | <b>82.0</b>    | <b>29.0</b>             | <b>111.0</b>   | <b>100.0</b>   |  |
| <b>100 Percent Alcohol Caused Conditions</b>              |                    |                |                         |                |                |  |
| 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 cardiomyopathy                                  | 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          |  |
| <b>Sub-Total</b>  |                    | <b>227.0</b>   | <b>75.0</b>             | <b>302.0</b>   | <b>100.0</b>   |  |
| <b>Alcohol Related Conditions</b>                         |                    |                |                         |                |                |  |
| Respiratory tuberculosis                                  | 011-012            | 1.8            | 2.0                     | 3.8            | 0.23           |  |
| Malignant neoplasm of lip, oral cavity, & Pharynx         | 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          |  |
| <b>Sub-Total</b>  |                    | <b>608.1</b>   | <b>558.0</b>            | <b>1,166.1</b> |                |  |
| <b>Alcohol Related Incidents</b>                          |                    |                |                         |                |                |  |
| Motor vehicle traffic & nontraffic 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           |  |
| <b>Sub-Total</b>  |                    | <b>330.3</b>   | <b>135.1</b>            | <b>465.4</b>   | <b>100.0</b>   |  |
| <b>Total Counts Alcohol Attributable Deaths</b>           |                    | <b>1,165.1</b> | <b>767.9</b>            | <b>1,933.0</b> |                |  |
| <b>Grand Total</b>  |                    | <b>1,247.1</b> | <b>796.9</b>            | <b>2,044.0</b> |                |  |

## 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

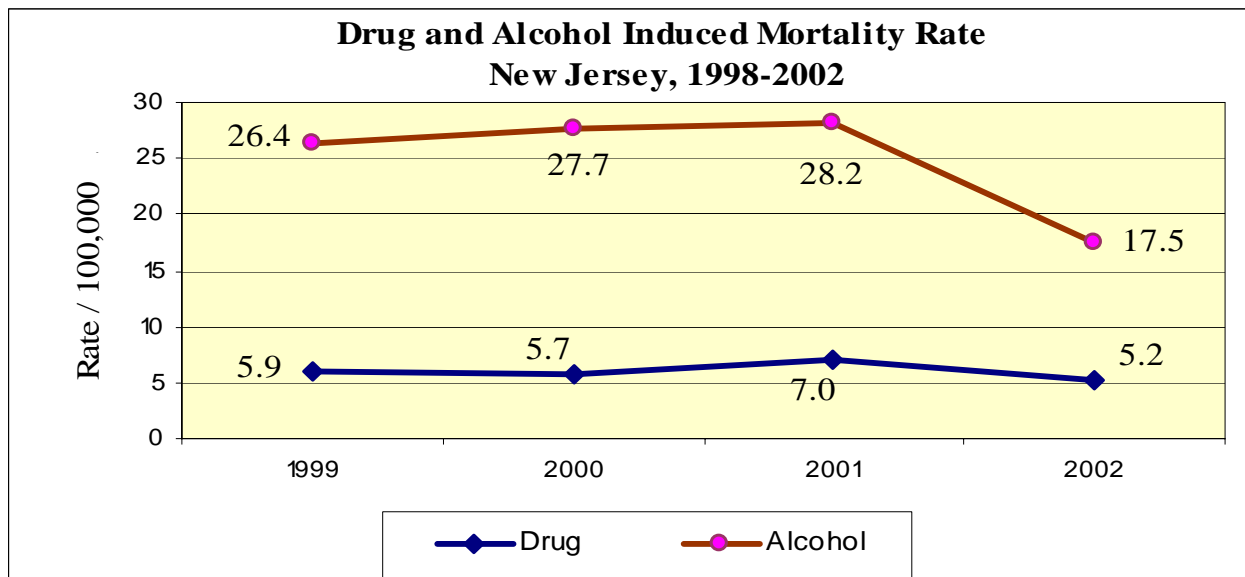
| Race  | Number | Crude Rate* | Age-adjusted Rate** |
|-------|--------|-------------|---------------------|
| White | 368    | 6.0         | 5.7                 |
| Black | 169    | 14.8        | 13.9                |

### 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



# Criminal Justice Data: Alcohol and Drug Crime Indicators



## Introduction

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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.

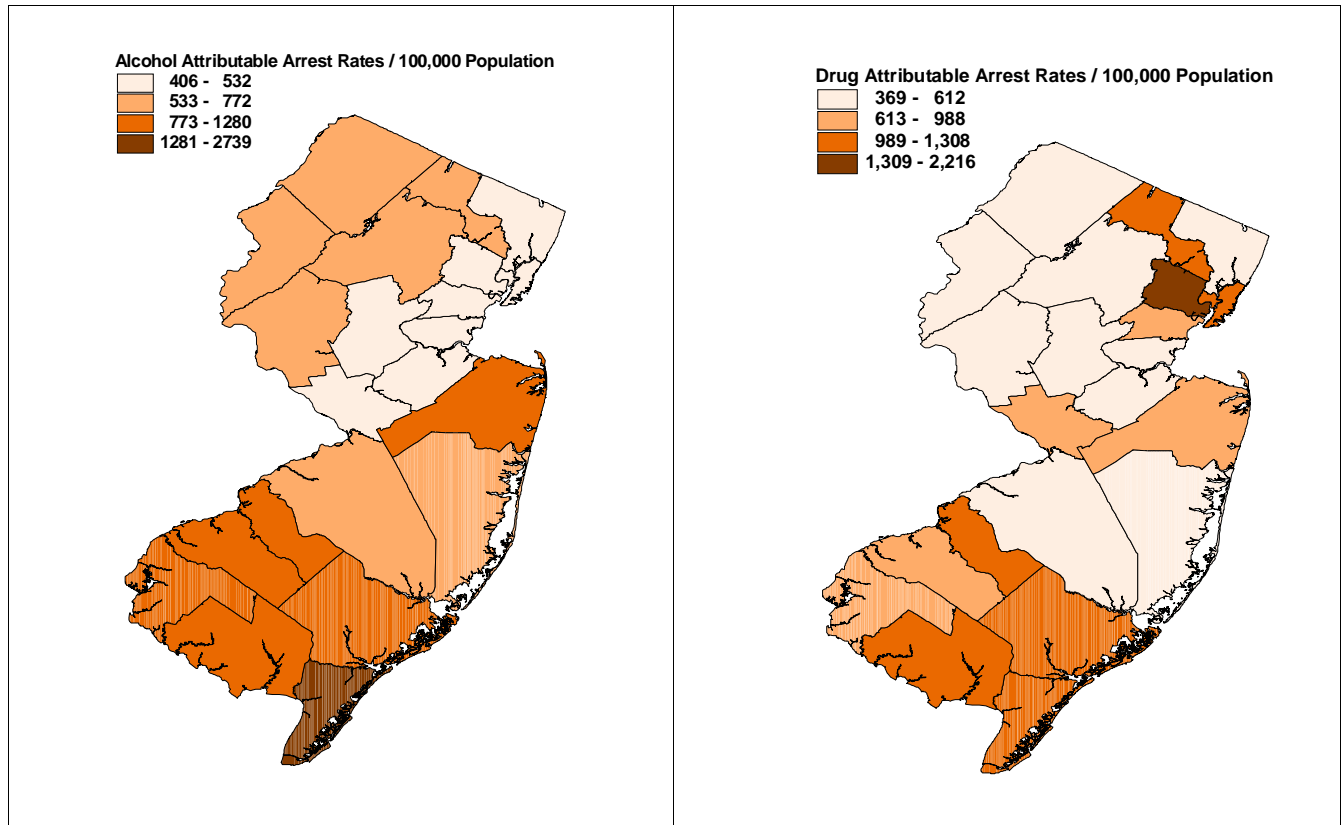
Crime indicators displayed in the main body of this document are listed in item one below, and crime indicators displayed in item two are included in Appendix C.

### **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



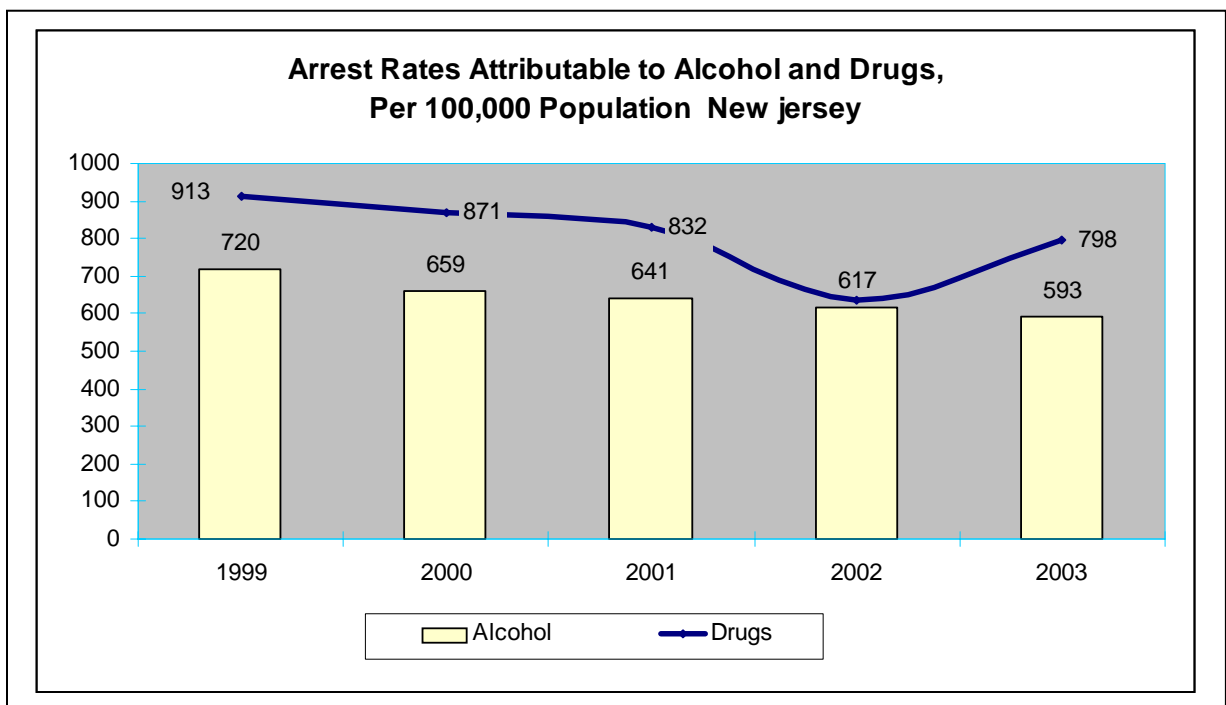
The two maps display adult arrest rates for 2003

| 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                    |

## Highlights

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- 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).



## New Jersey

## Alcohol Related Crime

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

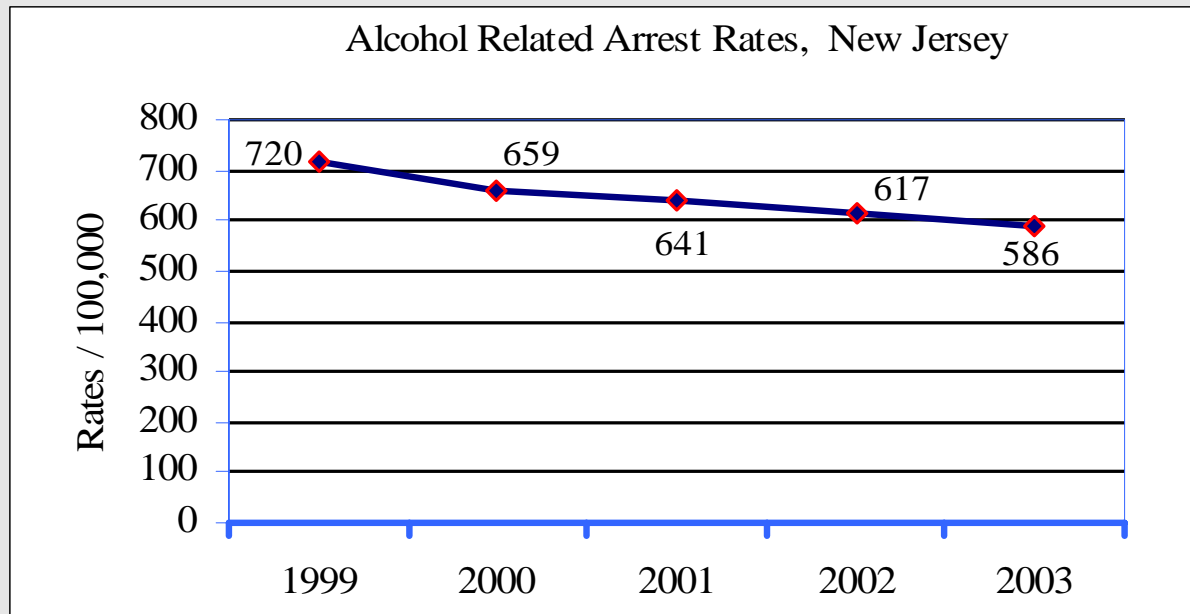
| Type of Offenses   | Annual Arrests in New Jersey | Annual Arrests Attributable to Alcohol Use* |              |               |                        |
|--------------------|------------------------------|---|--------------|---------------|------------------------|
|                    |                              | 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                  |
| <b>Total</b>       | <b>125,847</b>               | <b>47,915</b>                               | <b>6,562</b> | <b>54,477</b> | <b>641</b>             |

\* "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 |

\*\* Arrest rates are computed per 100,000 population





## New Jersey

## Drug Related Crime

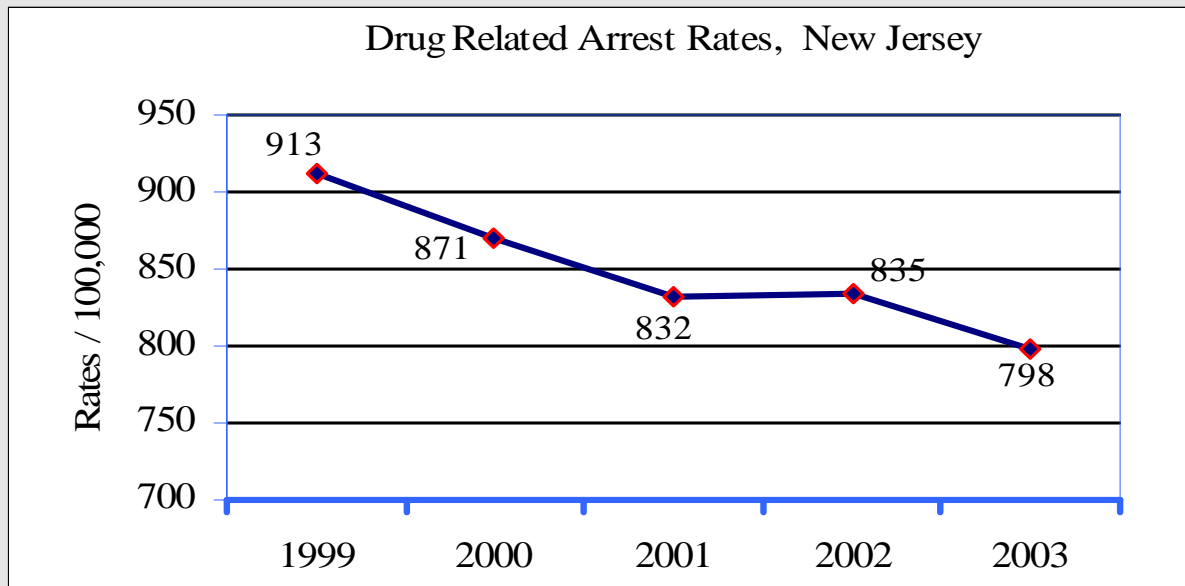
### Drug Attributable Arrests, 1999-2003 (5-Year Average)

| 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                  |
| <b>Total</b>       | <b>191,624</b> | <b>60,296</b>   | <b>11,509</b> | <b>71,805</b> | <b>845</b>             |

\* "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



# Substance Abuse Treatment Admissions Data



## Introduction

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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)<sup>5</sup> 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**

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- County share of admissions by primary drug

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<sup>5</sup> 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**

| <b>Primary Substance of Abuse</b> |       |        |         |        |               |           |             |
|-----------------------------------|-------|--------|---------|--------|---------------|-----------|-------------|
|                                   | 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         |
| <b>Gender</b>                     |       |        |         |        |               |           |             |
| 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       |
| <b>Age at Admission</b>           |       |        |         |        |               |           |             |
| 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       |
| <b>Race &amp; Ethnicity</b>       |       |        |         |        |               |           |             |
| 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       |

| <b>Secondary Substance of Abuse</b> |       |        |         |        |               |           |             |
|-------------------------------------|-------|--------|---------|--------|---------------|-----------|-------------|
|                                     | 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         |
| <b>Gender</b>                       |       |        |         |        |               |           |             |
| 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       |
| <b>Age at Admission</b>             |       |        |         |        |               |           |             |
| 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       |
| <b>Race &amp; Ethnicity</b>         |       |        |         |        |               |           |             |
| 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**

**New Jersey**

| <b>Residential Treatment Services</b> |                               |       |                      |     |                      |     |                              |       |                          |       |                           |       |              |        |
|---------------------------------------|-------------------------------|-------|----------------------|-----|----------------------|-----|------------------------------|-------|--------------------------|-------|---------------------------|-------|--------------|--------|
|                                       | <b>Short-term Residential</b> |       | <b>Extended Care</b> |     | <b>Halfway House</b> |     | <b>Long-term Residential</b> |       | <b>Residential Detox</b> |       | <b>Hospital Detox/IMU</b> |       | <b>Total</b> |        |
|                                       | 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 |
| <b>Percent Distribution</b>           |                               |       |                      |     |                      |     |                              |       |                          |       |                           |       |              |        |
| <b>Gender</b>                         |                               |       |                      |     |                      |     |                              |       |                          |       |                           |       |              |        |
| 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          |        |
| <b>Age at Admission</b>               |                               |       |                      |     |                      |     |                              |       |                          |       |                           |       |              |        |
| 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          |        |
| <b>Race &amp; Ethnicity</b>           |                               |       |                      |     |                      |     |                              |       |                          |       |                           |       |              |        |
| 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         |        |

| <b>Outpatient Treatment Services</b> |                        |        |                             |       |                         |       |                              |       |              |        |
|--------------------------------------|------------------------|--------|-----------------------------|-------|-------------------------|-------|------------------------------|-------|--------------|--------|
|                                      | <b>Outpatient Care</b> |        | <b>Intensive Outpatient</b> |       | <b>Outpatient Detox</b> |       | <b>Methadone Maintenance</b> |       | <b>Total</b> |        |
|                                      | N                      | %      | N                           | %     | N                       | %     | N                            | %     | N            | %      |
|                                      |                        | 12,487 | 44.4                        | 7,918 | 28.1                    | 2,492 | 8.9                          | 5,233 | 18.6         | 28,130 |
| <b>Percent Distribution</b>          |                        |        |                             |       |                         |       |                              |       |              |        |
| <b>Gender</b>                        |                        |        |                             |       |                         |       |                              |       |              |        |
| 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          |        |
| <b>Age at Admission</b>              |                        |        |                             |       |                         |       |                              |       |              |        |
| 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          |        |
| <b>Race &amp; Ethnicity</b>          |                        |        |                             |       |                         |       |                              |       |              |        |
| 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          |        |

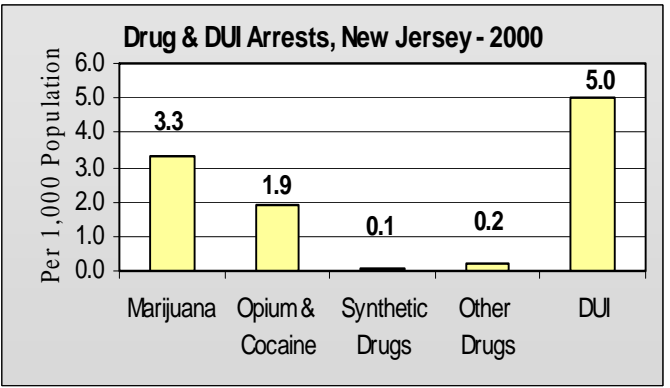
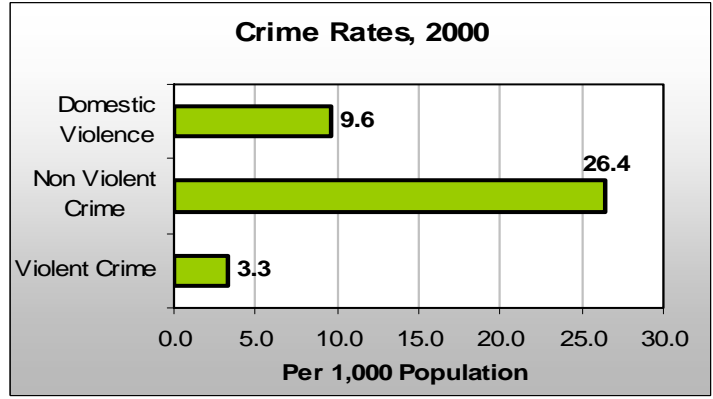
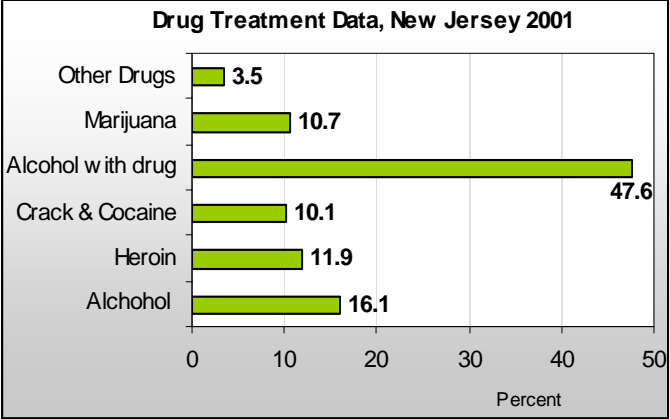
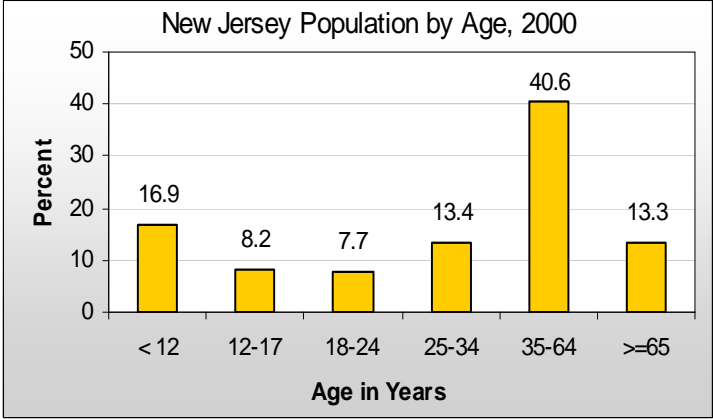
| County     | Residential Treatment Admissions Rate by Primary Drug - New Jersey 2002 |        |        |                 |                             |       |       |
|------------|---|--------|--------|-----------------|-----------------------------|-------|-------|
|            | Primary Drug  |        |        | 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

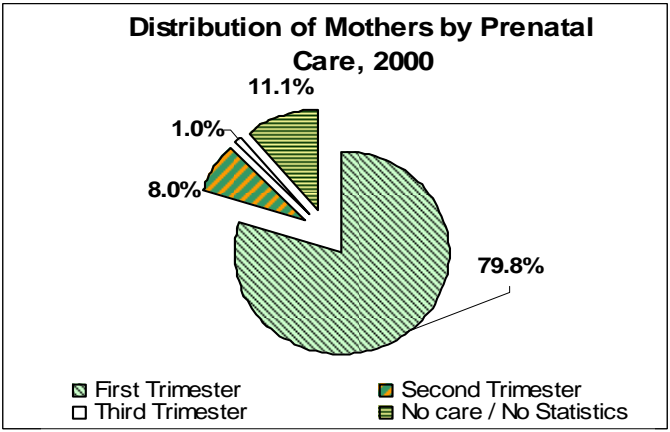
# New Jersey

| Social and Health Indicators   | Year      |           | Percent |
|--|-----------|-----------|---------|
|  | 1990      | 2000      | Change  |
| <b>A. Community Environment</b>  |           |           |         |
| <b>Population</b>  |           |           |         |
| 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    |
| <b>Economic Deprivation</b>  |           |           |         |
| 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   |
| <b>Community Attachment</b>  |           |           |         |
| Percentage of voter's turnout *  | 82.46     | 68.47     | -14.0   |
| Percent of owner occupied housing  | 64.89     | 65.63     | 0.7     |
| <b>Crime Level</b>   |           |           |         |
| 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   |
| <b>Housing Adequacy</b>  |           |           |         |
| 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>B. Family Structure / Child Development</b>   |           |           |         |
| 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   |
| <b>C. School Involvement</b>   |           |           |         |
| 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     |
| <b>D. Individual / Peer Behaviors</b>  |           |           |         |
| 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   |
| <b>E. Substance Abuse-Related Problems</b>   |           |           |         |
| 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 |



| 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                         | -                |
| <b>Total</b>                               | <b>100.0</b>                | <b>8.5</b>       |
| Hispanic                                   | 3.8                         | 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

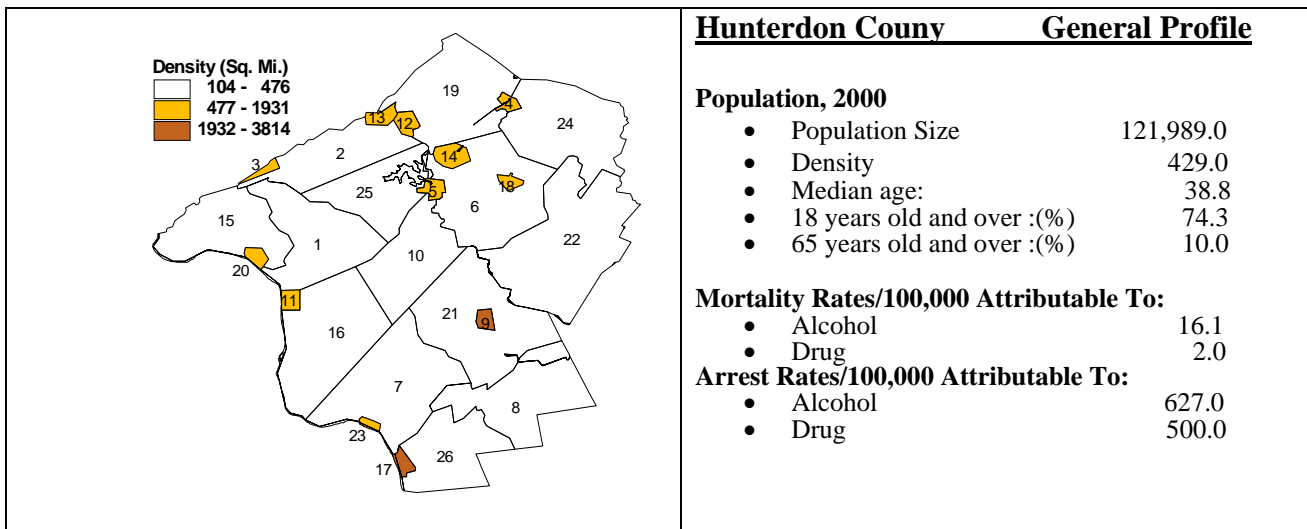
#### **Substance Abuse Treatment Admissions Data:**

- 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**

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**Hunterdon County General Profile**

**Population, 2000**

- Population Size 121,989.0
- Density 429.0
- Median age: 38.8
- 18 years old and over : (%) 74.3
- 65 years old and over : (%) 10.0

**Mortality Rates/100,000 Attributable To:**

- Alcohol 16.1
- Drug 2.0

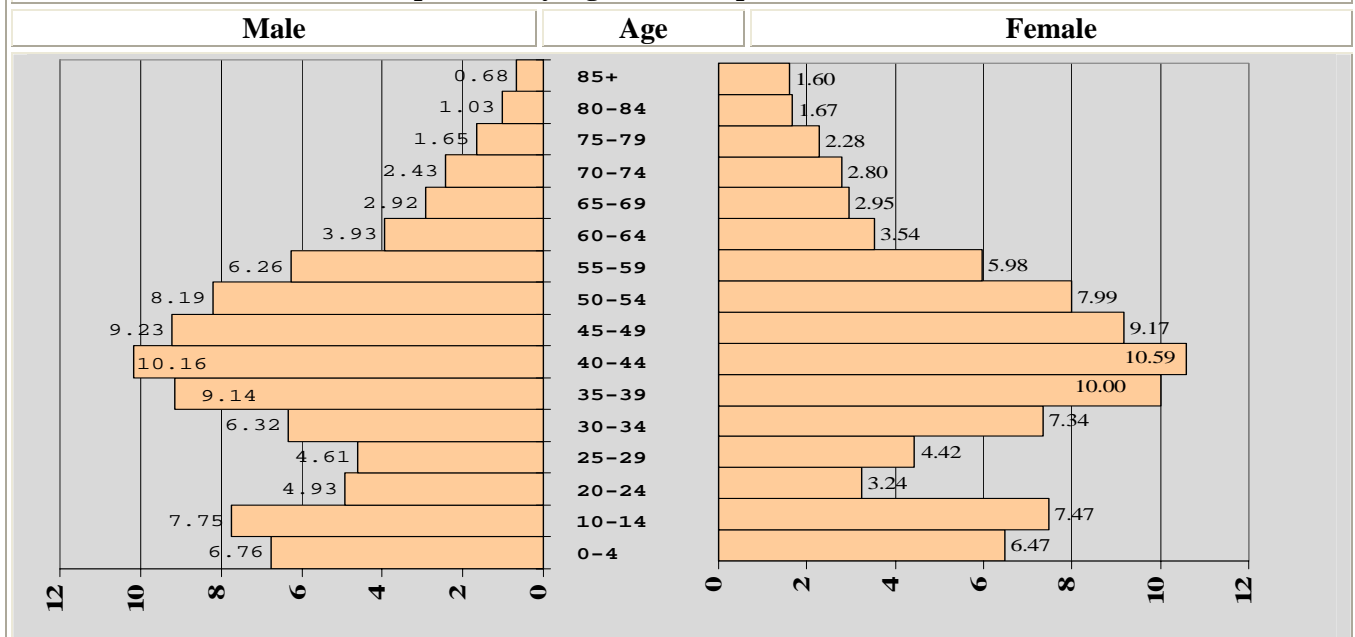
**Arrest Rates/100,000 Attributable To:**

- Alcohol 627.0
- Drug 500.0

| No. | Municipality            | Population     | Median Household Income (\$) | Treatment Admissions Rate Per 10,000 |              | Crime Rate Per 1,000 |             |
|-----|-------------------------|----------------|------------------------------|--------------------------------------|--------------|----------------------|-------------|
|     |                         |                |                              | Alcohol                              | Drug         | Violent Crime        | Total Crime |
| 1   | Alexandria Township     | 4,698          | 92,730                       | 2.13                                 | 6.39         | 0.0                  | 5.7         |
| 2   | Bethlehem Township      | 3,820          | 88,048                       | 0.00                                 | 5.24         | 0.3                  | 3.2         |
| 3   | Bloomsbury Borough      | 886            | 64,375                       | 79.01                                | 45.15        | 1.1                  | 19.2        |
| 4   | Califon Borough         | 1,055          | 76,657                       | 47.39                                | 28.44        | 2.8                  | 7.5         |
| 5   | Clinton Town            | 2,632          | 78,121                       | 19.00                                | 41.79        | 0.4                  | 14.5        |
| 6   | Clinton Township        | 12,957         | 96,570                       | 10.80                                | 10.03        | 0.7                  | 8.2         |
| 7   | Delaware Township       | 4,478          | 80,756                       | 11.16                                | 0.00         | 0.2                  | 10.9        |
| 8   | East Amwell Township    | 4,455          | 85,664                       | 20.20                                | 31.43        | 0.2                  | 8.1         |
| 9   | Flemington Borough      | 4,200          | 39,886                       | 250.00                               | 173.81       | 1.9                  | 44.5        |
| 10  | Franklin Township       | 2,990          | 91,364                       | 3.34                                 | 30.10        | 0.7                  | 18.8        |
| 11  | Frenchtown Borough      | 1,488          | 52,109                       | 134.41                               | 141.13       | 0.7                  | 8.1         |
| 12  | Glen Gardner Borough    | 1,902          | 59,917                       | 84.12                                | 94.64        | 0.0                  | 5.3         |
| 13  | Hampton Borough         | 1,546          | 51,111                       | 64.68                                | 103.49       | 1.9                  | 7.1         |
| 14  | High Bridge Borough     | 3,776          | 68,719                       | 50.32                                | 47.67        | 0.3                  | 4.0         |
| 15  | Holland Township        | 5,124          | 68,083                       |                                      |              | 0.2                  | 4.7         |
| 16  | Kingwood Township       | 3,782          | 71,551                       | 13.22                                | 2.64         | 0.5                  | 8.4         |
| 17  | Lambertville City       | 3,868          | 52,647                       | 56.88                                | 46.54        | 0.5                  | 16.5        |
| 18  | Lebanon Borough         | 1,065          | 68,542                       | 75.12                                | 122.07       | 0.0                  | 16.9        |
| 19  | Lebanon Township        | 5,816          | 77,662                       | 6.88                                 | 15.47        | 0.3                  | 9.6         |
| 20  | Milford Borough         | 1,195          | 54,519                       | 159.00                               | 209.21       | 0.0                  | 18.4        |
| 21  | Raritan Township        | 19,809         | 85,996                       | 5.05                                 | 7.07         | 0.9                  | 12.6        |
| 22  | Readington Township     | 15,803         | 95,356                       | 16.45                                | 12.02        | 0.6                  | 11.3        |
| 23  | Stockton Borough        | 560            | 51,406                       | 197.49                               | 287.25       | 0.0                  | 8.9         |
| 24  | Tewksbury Township      | 5,541          | 135,649                      | 1.80                                 | 1.80         | 0.7                  | 7.6         |
| 25  | Union Township          | 6,160          | 81,089                       | 3.25                                 | 17.86        | 0.5                  | 6.7         |
| 26  | West Amwell Township    | 2,383          | 73,380                       | 4.20                                 | 41.96        | 0.8                  | 12.1        |
|     | <b>Hunterdon County</b> | <b>121,989</b> | <b>79,888</b>                | <b>28.00</b>                         | <b>29.30</b> | <b>0.5</b>           | <b>11.0</b> |

| <b>Hunterdon County</b>            |                         | <b>Population</b> |
|------------------------------------|-------------------------|-------------------|
| <b>Demographic Characteristics</b> | <b>Hunterdon County</b> | <b>New Jersey</b> |
| Population                         | 121,989                 | 8,414,350         |
| Population Density                 | 284                     | 1,122             |
| Median Age (years)                 | 38.8                    | 36.7              |
| <b>Age distribution - 2000</b>     |                         |                   |
| Age 0 -11                          | 17.2%                   | 16.7%             |
| Age 12-14                          | 4.6%                    | 4.2%              |
| Age 15-17                          | 3.5%                    | 3.8%              |
| Age 18-24                          | 6.3%                    | 8.1%              |
| Age 25-34                          | 11.4%                   | 14.1%             |
| Age 35-64                          | 47.0%                   | 39.9%             |
| Age 65+                            | 10.0%                   | 13.2%             |
| <b>Race / Ethnicity</b>            |                         |                   |
| <b>One Race</b>                    | <b>99.0%</b>            | <b>97.5%</b>      |
| White                              | 93.9%                   | 72.6%             |
| Black or African American          | 2.2%                    | 13.6%             |
| American Indian                    | 0.1%                    | 0.2%              |
| Asian/Pacific Islander             | 1.9%                    | 5.7%              |
| Other                              | 0.8%                    | 5.4%              |
| <b>Two or more races</b>           | <b>1.0%</b>             | <b>2.5%</b>       |
| <b>Hispanic or Latino</b>          | <b>2.8%</b>             | <b>13.3%</b>      |

**Population by Age and Sex (percent of each sex)**



**5-Year Average Mortality Data , 1998-2002**

**Hunterdon County**

**Drug Attributable Death by Gender**

| Gender | Drug Caused | Drug Related | Total | Crude Rate* | Age-adjusted Rate* |       |
|--------|-------------|--------------|-------|-------------|--------------------|-------|
|        |             |              |       |             | County             | State |
| Male   | 1.0         | 2.0          | 3.0   | 5.0         | 4.7                | 9.6   |
| Female | 1.0         | 1.0          | 2.0   | 3.2         | 3.1                | 3.1   |
| All    | 2.0         | 3.0          | 5.0   | 4.1         | 3.9                | 6.2   |

**Alcohol Attributable Death by Gender**

| Gender | Alcohol Caused | Alcohol Related | Total | Crude Rate* | Age-adjusted Rate** |       |
|--------|----------------|-----------------|-------|-------------|---------------------|-------|
|        |                |                 |       |             | County              | State |
| Male   | 2.0            | 10.0            | 12.0  | 19.2        | 18.1                | 31.7  |
| Female | 1.0            | 7.0             | 8.0   | 13.0        | 12.3                | 18.4  |
| All    | 3.0            | 17.0            | 20.0  | 16.1        | 15.1                | 24.9  |

**Drug Attributable Death by Race**

| Race  | Number | Crude Rate* | Age-adjusted Rate** |       |
|-------|--------|-------------|---------------------|-------|
|       |        |             | County              | State |
| White | 3.0    | 3.1         | 2.9                 | 7.8   |
| Black | 1.0    | 9.1         | 8.6                 | 19.2  |

**Alcohol Attributable Death by Race**

| Race  | Number | Crude Rate* | Age-adjusted Rate** |       |
|-------|--------|-------------|---------------------|-------|
|       |        |             | County              | State |
| White | 27.0   | 24.0        | 22.6                | 29.0  |
| Black | 1.0    | 27.3        | 25.8                | 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

## Hunterdon County

## Alcohol Related Crime

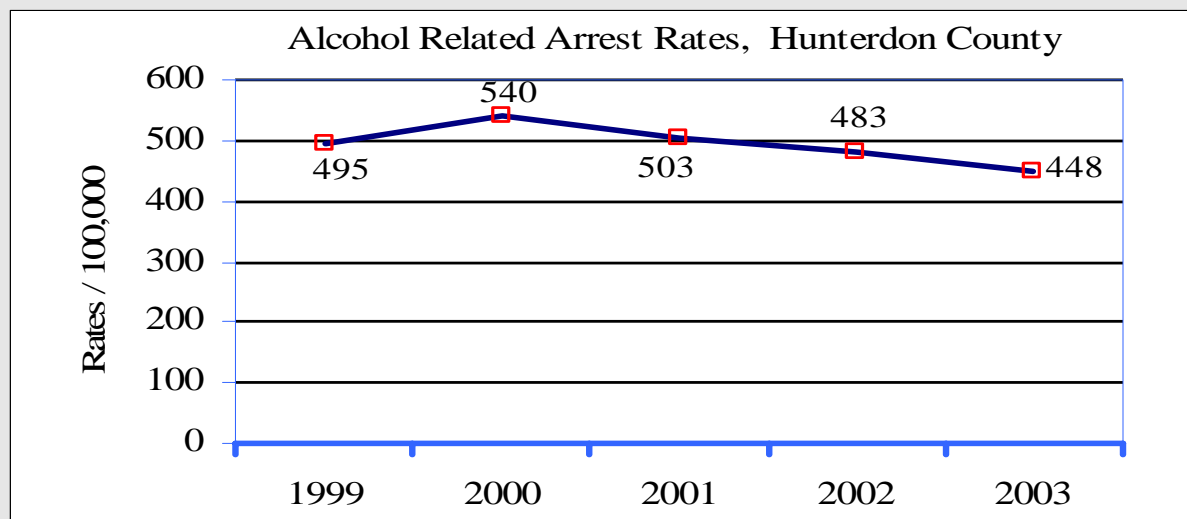
### Alcohol Attributable Arrests, 1999-2003 (5-Year Average)

| Type of Offenses   | Annual Arrests in County | Fraction of Annual Arrests Attributable to Alcohol Abuse* |             |              |                        |              |
|--------------------|--------------------------|---|-------------|--------------|------------------------|--------------|
|                    |                          | Adults  | Juvenile    | All Ages     | Arrest Rates / 100,000 |              |
|                    |                          |   |             |              | Hunterdon County       | New Jersey   |
| Homicide           | 0                        | 0.0   | 0.0         | 0.0          | 0.0                    | 0.9          |
| Aggravated Assault | 36                       | 8.1   | 2.8         | 10.9         | 8.7                    | 37.8         |
| Sexual Assault     | 2                        | 0.3   | 0.2         | 0.5          | 0.4                    | 1.6          |
| Other Assault      | 196                      | 43.6  | 15.2        | 58.9         | 47.1                   | 116.8        |
| Robbery            | 3                        | 0.1   | 0.0         | 0.1          | 0.1                    | 1.7          |
| Burglary           | 45                       | 1.2   | 0.4         | 1.6          | 1.3                    | 2.8          |
| Larceny            | 155                      | 3.0   | 1.4         | 4.3          | 3.5                    | 9.7          |
| Auto Theft         | 16                       | 3.5   | 2.0         | 5.5          | 4.4                    | 6.0          |
| DUI                | 482                      | 476.0   | 6.0         | 482.0        | 385.7                  | 337.8        |
| Liquor Laws        | 63                       | 40.0  | 23.4        | 63.4         | 50.7                   | 125.8        |
| <b>Total</b>       | <b>998</b>               | <b>575.7</b>  | <b>51.0</b> | <b>627.2</b> | <b>501.9</b>           | <b>640.6</b> |

\* "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** |
| Hunterdon County | 576                                 | 613    | 51         | 164    | 627      | 502    |
| New Jersey       | 47,916                              | 748    | 6,561      | 312    | 54,477   | 641    |

\*\* Arrest rates are computed per 100,000 population



## Hunterdon County

## Drug Related Crime

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

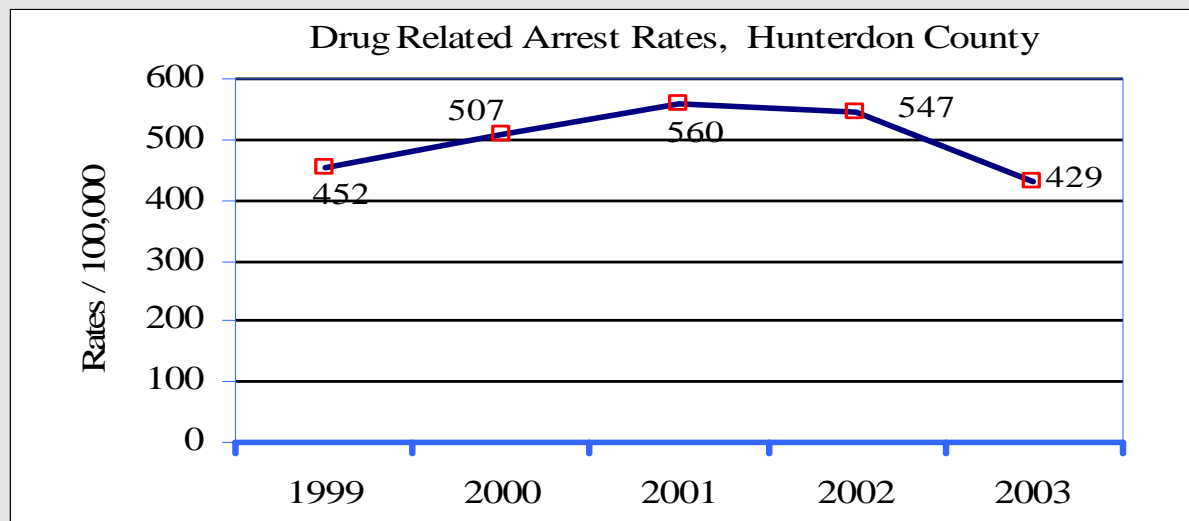
| Type of Offenses   | Annual Arrests in County | Fraction of annual arrests attributable to drug abuse * |            |            |                        |            |
|--------------------|--------------------------|---|------------|------------|------------------------|------------|
|                    |                          | Adults  | Juvenile   | All Ages   | Arrest Rates / 100,000 |            |
|                    |                          |   |            |            | Hunterdon County       | New Jersey |
| Homicide           | 0                        | 0.0   | 0.0        | 0.0        | 0.0                    | 0.5        |
| Aggravated Assault | 36                       | 0.6   | 0.2        | 0.9        | 0.7                    | 3.0        |
| Sexual Assault     | 2                        | 0.1   | 0.1        | 0.1        | 0.1                    | 0.4        |
| Other Assault      | 196                      | 7.4   | 2.6        | 10.0       | 8.0                    | 19.9       |
| Robbery            | 3                        | 0.4   | 0.3        | 0.8        | 0.6                    | 13.4       |
| Burglary           | 45                       | 9.7   | 3.7        | 13.4       | 10.7                   | 23.7       |
| Larceny            | 155                      | 31.5  | 14.4       | 45.9       | 36.8                   | 102.4      |
| Auto Theft         | 16                       | 0.7   | 0.4        | 1.1        | 0.8                    | 1.2        |
| Stolen Property    | 27                       | 3.0   | 1.1        | 4.0        | 3.2                    | 12.8       |
| Prostitution       | 1                        | 0.1   | 0.0        | 0.1        | 0.1                    | 3.6        |
| Drug Laws          | 549                      | 450.8   | 97.8       | 548.6      | 439.0                  | 663.6      |
| <b>Total</b>       | <b>1,574</b>             | <b>504</b>  | <b>121</b> | <b>625</b> | <b>500</b>             | <b>845</b> |

\* "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** |
|            | Hunterdon County | 504    | 537        | 121    | 390      | 625    |
| New Jersey | 60,298           | 942    | 11,508     | 548    | 71,806   | 844    |

\*\* Arrest rates are computed per 100,000 population



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

**Hunterdon County**

| <b>Primary Substance of Abuse</b> |       |       |         |        |               |           |             |
|-----------------------------------|-------|-------|---------|--------|---------------|-----------|-------------|
|                                   | Total |       | Alcohol | Heroin | Cocaine/Crack | Marijuana | Other Drugs |
|                                   | No    | 663   | 290     | 125    | 61            | 114       | 73          |
|                                   | %     | 100.0 | 47.3    | 18.9   | 9.2           | 17.2      | 11.0        |
| <b>Gender</b>                     |       |       |         |        |               |           |             |
| Male                              | %     | 69.1  | 71.0    | 60.8   | 60.7          | 86.0      | 56.2        |
| Female                            | %     | 30.9  | 29.0    | 39.2   | 39.3          | 14.0      | 43.8        |
| Total                             | %     | 100.0 | 100.0   | 100.0  | 100.0         | 100.0     | 100.0       |
| <b>Age at Admission</b>           |       |       |         |        |               |           |             |
| 12-17                             | %     | 12.8  | 3.1     | 2.4    | 9.8           | 56.1      | 4.1         |
| 18-24                             | %     | 28.1  | 12.1    | 54.4   | 31.2          | 34.2      | 34.2        |
| 25-44                             | %     | 39.1  | 51.7    | 34.4   | 49.2          | 7.9       | 37.0        |
| 45-64                             | %     | 19.5  | 31.7    | 8.8    | 9.8           | 1.8       | 24.7        |
| 65 & over                         | %     | 0.6   | 1.4     | 0.0    | 0.0           | 0.0       | 0.0         |
| Total                             | %     | 100.0 | 100.0   | 100.0  | 100.0         | 100.0     | 100.0       |
| <b>Race &amp; Ethnicity</b>       |       |       |         |        |               |           |             |
| White alone                       | %     | 92.5  | 94.5    | 97.6   | 86.9          | 83.3      | 94.5        |
| Black alone                       | %     | 3.2   | 1.4     | 0.8    | 11.5          | 7.9       | 0.0         |
| Asian                             | %     | 0.8   | 0.3     | 0.0    | 0.0           | 2.6       | 2.7         |
| American Indian                   | %     | 0.0   | 0.0     | 0.0    | 0.0           | 0.0       | 0.0         |
| Hispanic                          | %     | 3.2   | 3.8     | 1.6    | 1.6           | 5.3       | 1.4         |
| Other                             | %     | 0.3   | 0.0     | 0.0    | 0.0           | 0.9       | 1.4         |
| Total                             | %     | 100.0 | 100.0   | 100.0  | 100.0         | 100.0     | 100.0       |

| <b>Secondary Substance of Abuse</b> |       |       |         |        |               |           |             |
|-------------------------------------|-------|-------|---------|--------|---------------|-----------|-------------|
|                                     | Total |       | Alcohol | Heroin | Cocaine/Crack | Marijuana | Other Drugs |
|                                     | No    | 333   | 68      | 37     | 90            | 99        | 39          |
|                                     | %     | 100.0 | 20.4    | 11.1   | 27.0          | 29.7      | 11.7        |
| <b>Gender</b>                       |       |       |         |        |               |           |             |
| Male                                | %     | 65.8  | 70.6    | 62.2   | 62.2          | 67.7      | 64.1        |
| Female                              | %     | 34.2  | 29.4    | 37.8   | 37.8          | 32.3      | 35.1        |
| Total                               | %     | 100.0 | 100.0   | 100.0  | 100.0         | 100.0     | 100.0       |
| <b>Age at Admission</b>             |       |       |         |        |               |           |             |
| 12-17                               | %     | 21.1  | 55.9    | 2.7    | 11.1          | 16.2      | 12.8        |
| 18-24                               | %     | 35.7  | 26.5    | 40.5   | 38.9          | 37.4      | 35.9        |
| 25-44                               | %     | 33.9  | 13.2    | 48.7   | 46.7          | 33.3      | 28.2        |
| 45-64                               | %     | 9.3   | 4.4     | 8.1    | 3.3           | 13.1      | 23.1        |
| 65 & over                           | %     | 0.0   | 0.0     | 0.0    | 0.0           | 0.0       | 0.0         |
| Total                               | %     | 100.0 | 100.0   | 100.0  | 100.0         | 100.0     | 100.0       |
| <b>Race &amp; Ethnicity</b>         |       |       |         |        |               |           |             |
| White                               | %     | 93.4  | 88.2    | 94.6   | 95.6          | 91.9      | 100.0       |
| Black                               | %     | 3.0   | 4.4     | 2.7    | 2.2           | 4.1       | 0.0         |
| Asian                               | %     | 0.3   | 1.5     | 0.0    | 0.0           | 0.0       | 0.0         |
| American Indian                     | %     | 0.6   | 0.0     | 0.0    | 2.2           | 0.0       | 0.0         |
| Hispanic                            | %     | 2.7   | 5.9     | 2.7    | 0.0           | 4.0       | 0.0         |
| 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**

**Hunterdon County**

| <b>Residential Treatment Services</b> |                        |    |               |   |               |    |                       |    |                   |    |                    |    |       |     |
|---------------------------------------|------------------------|----|---------------|---|---------------|----|-----------------------|----|-------------------|----|--------------------|----|-------|-----|
|                                       | Short-term Residential |    | Extended Care |   | Halfway House |    | Long-term Residential |    | Residential Detox |    | Hospital Detox/IMU |    | Total |     |
|                                       | N                      | %  | N             | % | N             | %  | N                     | %  | N                 | %  | N                  | %  | N     | %   |
|                                       |                        | 54 | 34.8          | 0 | 0.0           | 12 | 7.7                   | 21 | 13.6              | 13 | 8.4                | 55 | 35.5  | 155 |
| <b>Percent Distribution</b>           |                        |    |               |   |               |    |                       |    |                   |    |                    |    |       |     |
| <b>Gender</b>                         |                        |    |               |   |               |    |                       |    |                   |    |                    |    |       |     |
| Male                                  | 72.2                   |    | 0             |   | 16.7          |    | 76.2                  |    | 76.9              |    | 61.8               |    | 65.2  |     |
| Female                                | 27.8                   |    | 0.0           |   | 83.3          |    | 23.8                  |    | 23.1              |    | 38.2               |    | 34.8  |     |
| Both                                  | 100                    |    | 100           |   | 100           |    | 100                   |    | 100               |    | 100                |    | 100   |     |
| <b>Age at Admission</b>               |                        |    |               |   |               |    |                       |    |                   |    |                    |    |       |     |
| 12-17                                 | 5.6                    |    | 0.0           |   | 0.0           |    | 61.9                  |    | 0.0               |    | 0.0                |    | 10.3  |     |
| 18-24                                 | 37.0                   |    | 0.0           |   | 58.3          |    | 28.6                  |    | 38.4              |    | 29.1               |    | 34.8  |     |
| 25-44                                 | 42.6                   |    | 0.0           |   | 33.3          |    | 9.5                   |    | 46.2              |    | 45.5               |    | 38.7  |     |
| 45-64                                 | 14.8                   |    | 0.0           |   | 8.4           |    | 0.0                   |    | 15.4              |    | 25.4               |    | 16.2  |     |
| 65 & over                             | 0.0                    |    | 0.0           |   | 0.0           |    | 0.0                   |    | 0.0               |    | 0.0                |    | 0.0   |     |
| <b>Race &amp; Ethnicity</b>           |                        |    |               |   |               |    |                       |    |                   |    |                    |    |       |     |
| White alone                           | 94.4                   |    | 0.0           |   | 91.7          |    | 95.2                  |    | 100.0             |    | 94.6               |    | 94.8  |     |
| Black alone                           | 5.6                    |    | 0.0           |   | 8.3           |    | 4.8                   |    | 0.0               |    | 1.8                |    | 3.9   |     |
| Asian                                 | 0.0                    |    | 0.0           |   | 0.0           |    | 0.0                   |    | 0.0               |    | 0.0                |    | 0.0   |     |
| Am. Indian                            | 0.0                    |    | 0.0           |   | 0.0           |    | 0.0                   |    | 0.0               |    | 0.0                |    | 0.0   |     |
| Hispanic                              | 0.0                    |    | 0.0           |   | 0.0           |    | 0.0                   |    | 0.0               |    | 3.6                |    | 1.3   |     |

| <b>Outpatient Treatment Services</b> |                 |     |                      |    |                  |     |                       |    |       |     |
|--------------------------------------|-----------------|-----|----------------------|----|------------------|-----|-----------------------|----|-------|-----|
|                                      | Outpatient Care |     | Intensive Outpatient |    | Outpatient Detox |     | Methadone Maintenance |    | Total |     |
|                                      | N               | %   | N                    | %  | N                | %   | N                     | %  | N     | %   |
|                                      |                 | 418 | 82.3                 | 60 | 11.8             | 2.0 | 0.4                   | 28 | 5.5   | 508 |
| <b>Percent Distribution</b>          |                 |     |                      |    |                  |     |                       |    |       |     |
| <b>Gender</b>                        |                 |     |                      |    |                  |     |                       |    |       |     |
| Male                                 | 29.4            |     | 30.0                 |    | 100.0            |     | 28.6                  |    | 29.7  |     |
| Female                               | 70.6            |     | 70.0                 |    | 0.0              |     | 71.4                  |    | 70.3  |     |
| Both                                 | 100             |     | 100                  |    | 100              |     | 100                   |    | 100   |     |
| <b>Age at Admission</b>              |                 |     |                      |    |                  |     |                       |    |       |     |
| 12-17                                | 9.6             |     | 48.3                 |    | 0.0              |     | 0.0                   |    | 13.3  |     |
| 18-24                                | 26.8            |     | 15.0                 |    | 0.0              |     | 39.3                  |    | 26.0  |     |
| 25-44                                | 40.4            |     | 26.7                 |    | 100.0            |     | 42.9                  |    | 39.2  |     |
| 45-64                                | 22.2            |     | 10.0                 |    | 0.0              |     | 17.9                  |    | 20.5  |     |
| 65 & over                            | 1.0             |     | 0.0                  |    | 0.0              |     | 0.0                   |    | 0.8   |     |
| <b>Race &amp; Ethnicity</b>          |                 |     |                      |    |                  |     |                       |    |       |     |
| White                                | 95.7            |     | 93.2                 |    | 100.0            |     | 96.4                  |    | 95.5  |     |
| Black                                | 2.9             |     | 6.8                  |    | 0.0              |     | 0.0                   |    | 3.2   |     |
| Asian                                | 1.0             |     | 0.0                  |    | 0.0              |     | 0.0                   |    | 0.9   |     |
| American Indian                      | 1.4             |     | 0.0                  |    | 0.0              |     | 0.0                   |    | 1.2   |     |
| Hispanic                             | 0.0             |     | 0.0                  |    | 0.0              |     | 3.6                   |    | 0.2   |     |

## Hunterdon County

| <b>Social and Health Indicators</b>               |         |         |         |
|---|---------|---------|---------|
|   | Year    |         | Percent |
|   | 1990    | 2000    | Change  |
| <b>A. Community Environment</b>                   |         |         |         |
| <b>Population</b>                                 |         |         |         |
| Population size                                   | 107,776 | 121,989 | 13.2    |
| Density / Square mile                             | 250.88  | 283.96  | 13.2    |
| Population under 18 years (%)                     | 24.07   | 25.72   | 1.6     |
| Population 65 years and over (%)                  | 9.47    | 10.02   | 0.6     |
| <b>Economic Deprivation</b>                       |         |         |         |
| Median household income (\$)                      | 54,628  | 79,888  | 46.2    |
| Poverty rate all ages (%)                         | 2.65    | 2.57    | -0.1    |
| Child poverty rate (%)                            | 3.04    | 2.33    | -0.7    |
| Elderly poverty rate (%)                          | 5.22    | 4.20    | -1.0    |
| Unemployment rate (%)                             | 2.76    | 1.74    | -1.0    |
| Families with Children (5-17) on TANF / 1,000     | 1.36    | 0.44    | -67.4   |
| <b>Community Attachment</b>                       |         |         |         |
| Percentage of voter turnout                       | 87.84   | 76.26   | -11.6   |
| Percent of owner occupied housing                 | 80.53   | 83.64   | 3.1     |
| <b>Crime Level</b>                                |         |         |         |
| Violent crime rate / 1,000                        | 0.61    | 0.55    | -10.3   |
| Non-violent crime rate / 1,000                    | 15.90   | 10.47   | -34.2   |
| Total crime rate/ 1,000                           | 16.52   | 11.02   | -33.3   |
| <b>Housing Adequacy</b>                           |         |         |         |
| Homeowner vacancy rate (%)                        | 2.98    | 0.67    | -2.3    |
| Rental vacancy rate (%)                           | 5.03    | 3.24    | -1.8    |
| Household size of owner occupied housing          | 2.87    | 2.81    | -2.2    |
| Household size of renter occupied housing         | 2.28    | 2.11    | -7.1    |
| <b>B. Family Structure / Child Development</b>    |         |         |         |
| Domestic violence / 1,000                         | 2.97    | 4.18    | 40.8    |
| Family households with children under 18 (%)      | 46.81   | 51.44   | 4.6     |
| Households with individuals 65 years and over (%) | 25.10   | 26.49   | 1.4     |
| Child abuse and neglect / 1,000                   | 12.80   | 10.20   | -20.3   |
| Teen age birth rate /1,000                        | 10.18   | 1.81    | -82.2   |
| <b>C. School Involvement</b>                      |         |         |         |
| High school graduates, persons 18+ (%)*           | 53.15   | 50.48   | -2.7    |
| High school graduates, persons 25+ (%)*           | 51.30   | 49.73   | -1.6    |
| College graduates, persons 25 + (%)**             | 34.61   | 41.77   | 7.2     |
| <b>D. Individual / Peer Behaviors</b>             |         |         |         |
| Burglary / 1,000                                  | 3.67    | 1.65    | -55.0   |
| Larceny / 1,000                                   | 11.40   | 8.37    | -26.6   |
| Motor vehicle theft / 1,000                       | 0.84    | 0.45    | -46.0   |
| <b>E. Substance Abuse-Related Problems</b>        |         |         |         |
| Alcohol treatment admissions /10,000              | 37.72   | 27.90   | -26.1   |
| Drug treatment admissions /10,000                 | 10.75   | 29.26   | 172.2   |

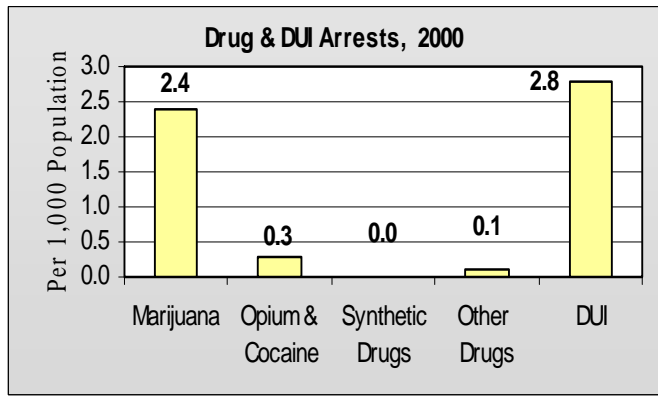
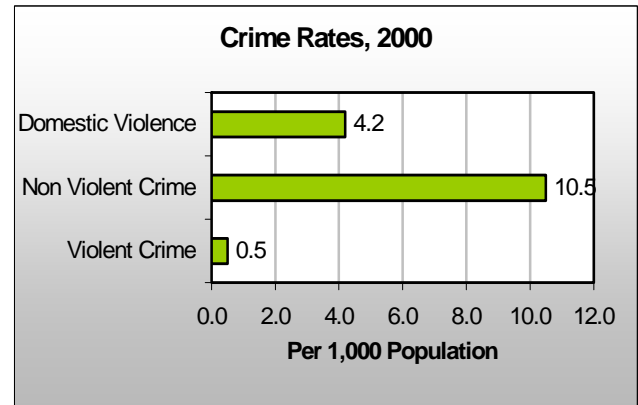
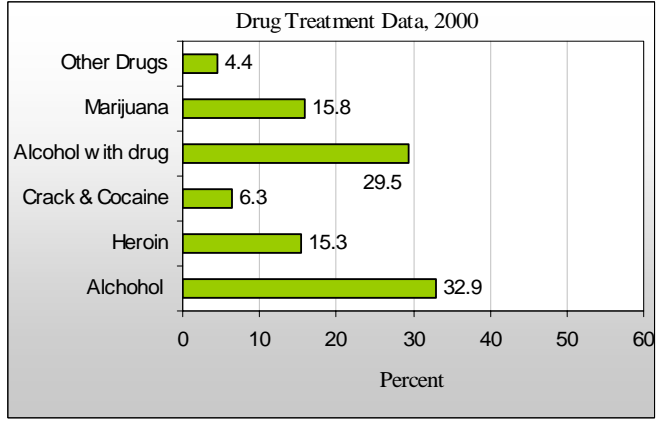
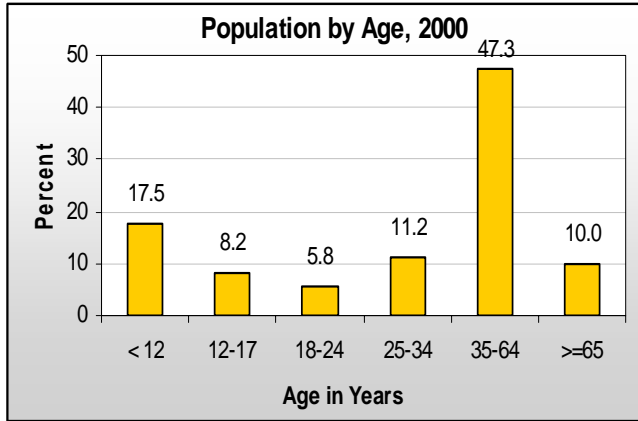
\* High school graduates with the highest level of education completed: High school or some college (%)

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



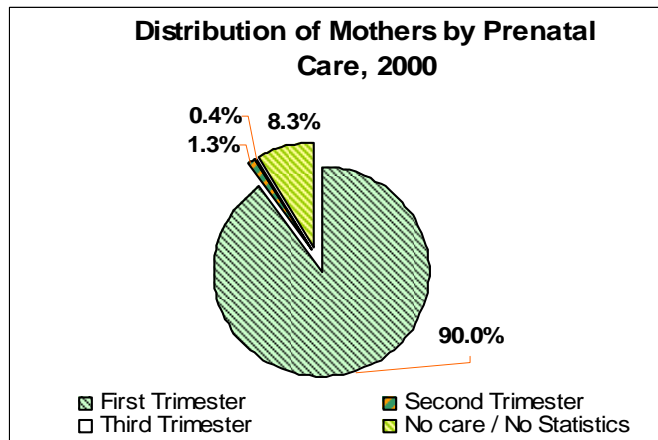
### Hunterdon County

|                               |         |  |      |
|-------------------------------|---------|--|------|
| Population                    | 121,989 | Married couple family (%)                      | 66.3 |
| Median Household Income (\$)  | 79,888  | Teenage Births / 1,000 births (%)              | 0.3  |
| Unemployment Rate (%)         | 1.8     | Female householder, no husband present (%)     | 6.3  |
| Total Crime Rate / 1,000 Pop. | 11.0    | Grandparents responsible for grandchildren (%) | 24.0 |

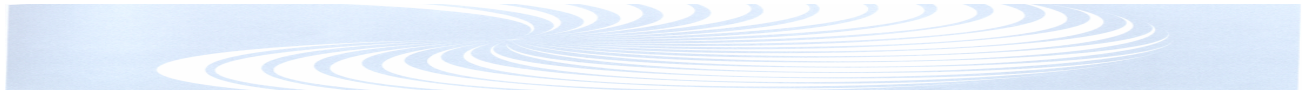


#### Selected Demographic Characteristics, 2000

| Race/Ethnicity          | Population Distribution (%) | Poverty Rate (%) |
|-------------------------|-----------------------------|------------------|
| White alone             | 93.9                        | 3.3              |
| Black alone             | 2.2                         | 3.5              |
| Native American alone   | 0.1                         | 0.0              |
| Asian alone             | 1.9                         | 4.0              |
| Pacific Islanders alone | 0.0                         | 0.0              |
| Other alone             | 0.8                         | 3.5              |
| 2+ Races                | 1.0                         | -                |
| <b>Total</b>            | <b>100</b>                  | <b>2.6</b>       |
| Hispanic                | 2.8                         | 7.1              |



## **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        |
| <b>New Jersey Regions</b>      | <b>4,835,329</b> | <b>7,730,188</b> | <b>8,414,350</b> | <b>100%</b>          | <b>100%</b> | <b>100%</b> |
| <b>Mature Core Metropolis</b>  | <b>2,827,756</b> | <b>3,121,126</b> | <b>3,137,723</b> | <b>58.5</b>          | <b>40.3</b> | <b>38.8</b> |
| • 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         |
| <b>Northern Exurban Fringe</b> | <b>88,797</b>    | <b>222,550</b>   | <b>241,838</b>   | <b>1.8</b>           | <b>2.9</b>  | <b>3.0</b>  |
| • 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         |
| <b>New Jersey Wealth Belt</b>  | <b>1,026,139</b> | <b>2,320,136</b> | <b>2,511,001</b> | <b>21.2</b>          | <b>29.9</b> | <b>31.0</b> |
| • 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         |
| <b>Metro South</b>             | <b>528,380</b>   | <b>1,127,972</b> | <b>1,173,563</b> | <b>10.9</b>          | <b>14.6</b> | <b>14.5</b> |
| • 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         |
| <b>Southern Shore</b>          | <b>226,132</b>   | <b>752,619</b>   | <b>826,093</b>   | <b>4.7</b>           | <b>9.7</b>  | <b>10.2</b> |
| • 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         |
| <b>Rural South</b>             | <b>138,105</b>   | <b>203,347</b>   | <b>205,324</b>   | <b>2.9</b>           | <b>2.6</b>  | <b>2.5</b>  |
| • 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

| <b>Table A2. Population Change, New Jersey, 1980 - 2000</b> |                         |             |             |             |             |                       |                  |
|---|-------------------------|-------------|-------------|-------------|-------------|-----------------------|------------------|
|   | <b>Total Population</b> |             |             |             |             | <b>Percent Change</b> |                  |
|   | <b>1980</b>             | <b>1990</b> | <b>2000</b> | <b>2001</b> | <b>2002</b> | <b>1980-1990</b>      | <b>1990-2000</b> |
| <b>New Jersey</b>   | 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 |             |             |             |             |                       |                  |

| <b>Table A3 County Population by Age, New Jersey, 2000</b> |                         |           |         |         |         |           |           |           |
|--|-------------------------|-----------|---------|---------|---------|-----------|-----------|-----------|
| Year<br>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 |
| <b>Counties</b>  |                         |           |         |         |         |           |           |           |
| 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 |           |         |         |         |           |           |           |

| <b>Table A4 County Population by Age, New Jersey, 2005</b> |                                    |           |         |         |           |           |           |
|--|------------------------------------|-----------|---------|---------|-----------|-----------|-----------|
| Year<br>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 |
| <b>Counties</b>  |                                    |           |         |         |           |           |           |
| 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    |
| Source:  | US Bureau of the Census, 5-01-2000 |           |         |         |           |           |           |

| <b>Table A5 County Population by Age, New Jersey, 2010</b> |                                    |             |              |              |              |              |            |
|--|------------------------------------|-------------|--------------|--------------|--------------|--------------|------------|
| <b>Year<br/>2010</b>                                       | <b>Age Groups</b>                  |             |              |              |              |              |            |
|  | <b>Total</b>                       | <b>0-11</b> | <b>12-17</b> | <b>18-24</b> | <b>25-44</b> | <b>45-64</b> | <b>65+</b> |
| New Jersey   | 9,062,300                          | 1,338,360   | 753,600      | 921,740      | 2,414,300    | 2,448,500    | 1,185,800  |
| <b>Counties</b>  |                                    |             |              |              |              |              |            |
| 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 |             |              |              |              |              |            |

| <b>Table A6 County Male Population by Age, New Jersey Counties, 2000</b> |                                    |         |         |         |         |           |         |         |
|--|------------------------------------|---------|---------|---------|---------|-----------|---------|---------|
| Year<br><b>2000</b>  | Age Groups                         |         |         |         |         |           |         |         |
|  | 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 |
| <b>Counties</b>  |                                    |         |         |         |         |           |         |         |
| 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 |         |         |         |         |           |         |         |



| <b>Table A7 County Female Population of New Jersey Counties by Age, 2000</b> |                                    |         |         |         |         |           |         |         |
|--|------------------------------------|---------|---------|---------|---------|-----------|---------|---------|
| Year<br><b>2000</b>  | Age Groups                         |         |         |         |         |           |         |         |
|  | 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 |         |         |         |         |           |         |         |

**Table A8 Predicted Adult Population in New Jersey by Counties  
2000 to 2005**

| <b>County</b> | <b>Census<br/>2000</b> | <b>2001</b>      | <b>2002</b>      | <b>2003</b>      | <b>2004</b>      | <b>2005</b>      |
|---------------|------------------------|------------------|------------------|------------------|------------------|------------------|
| 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           |
| <b>Total</b>  | <b>6,326,792</b>       | <b>6,402,576</b> | <b>6,462,372</b> | <b>6,514,671</b> | <b>6,566,049</b> | <b>6,617,420</b> |

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

|                   | Total Population | RACE <sup>6</sup> |                  |                           |                 |                |                 |                |                   | Hispanic Or Latino Origin |
|-------------------|------------------|-------------------|------------------|---------------------------|-----------------|----------------|-----------------|----------------|-------------------|---------------------------|
|                   |                  | One Race          |                  |                           |                 |                |                 |                | Two or More Races |                           |
|                   |                  | Total             | White            | Black or African American | American Indian | Asian          | Native Hawaiian | Other          |                   |                           |
| <b>New Jersey</b> | <b>8,414,350</b> | <b>8,200,595</b>  | <b>6,104,705</b> | <b>1,141,821</b>          | <b>19,492</b>   | <b>480,276</b> | <b>3,329</b>    | <b>450,972</b> | <b>213,755</b>    | <b>1,117,151</b>          |
| Percent           | 100 %            | 97.5 %            | 72.6 %           | 13.6 %                    | 0.2 %           | 5.7 %          |                 | 5.4 %          | 2.5 %             | 13.3 %                    |
| <b>Counties</b>   |                  |                   |                  |                           |                 |                |                 |                |                   |                           |
| 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

<sup>6</sup> Race / Ethnicity classification is based on the 1977 Office of Management and Budget (OMB) classification

## Appendix B – Mortality Data



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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:

- ICD codes that are directly associated with alcohol and drug abuse
- 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.

| <b>Mortality: ICD-9 AND ICD-10 Diagnostic Codes Specific and Related to Drug &amp; Alcohol Abuse and Dependence</b>               |                         |               |                     |               |                   |                            |               |                        |               |                      |                    |
|---|-------------------------|---------------|---------------------|---------------|-------------------|----------------------------|---------------|------------------------|---------------|----------------------|--------------------|
| <b>Number of Death Attributable to Alcohol &amp; Drug Abuse or Dependence for a 5-year Time Period (1998 to 2002), New Jersey</b> |                         |               |                     |               |                   |                            |               |                        |               |                      |                    |
| <b>County</b>   | <b>100% Drug Caused</b> |               | <b>Drug Related</b> |               | <b>Drug Total</b> | <b>100% Alcohol Caused</b> |               | <b>Alcohol Related</b> |               | <b>Alcohol Total</b> | <b>Grand Total</b> |
|   | <b>Male</b>             | <b>Female</b> | <b>Male</b>         | <b>Female</b> |                   | <b>Male</b>                | <b>Female</b> | <b>Male</b>            | <b>Female</b> |                      |                    |
| <b>Atlantic</b>   | 43.0                    | 10.0          | 71.8                | 19.5          | 144.3             | 76.0                       | 29.0          | 242.6                  | 144.5         | 492.1                | 636.4              |
| <b>Bergen</b>   | 21.0                    | 13.0          | 74.7                | 26.7          | 135.4             | 77.0                       | 33.0          | 445.7                  | 340.4         | 896.1                | 1031.5             |
| <b>Burlington</b>   | 12.0                    | 3.0           | 48.1                | 21.6          | 84.7              | 38.0                       | 21.0          | 268.0                  | 163.6         | 490.6                | 575.3              |
| <b>Camden</b>   | 48.0                    | 14.0          | 133.4               | 41.0          | 236.4             | 98.0                       | 47.0          | 505.7                  | 309.3         | 960.0                | 1,196.4            |
| <b>Cape May</b>   | 18.0                    | 4.0           | 8.4                 | 3.2           | 33.6              | 49.0                       | 13.0          | 105.4                  | 58.9          | 226.3                | 259.9              |
| <b>Cumberland</b>   | 16.0                    | 5.0           | 15.7                | 5.4           | 42.1              | 43.0                       | 17.0          | 107.2                  | 70.2          | 237.4                | 279.5              |
| <b>Essex</b>  | 110.0                   | 44.0          | 357.2               | 115.5         | 626.7             | 216.0                      | 87.0          | 746.2                  | 436.5         | 1485.7               | 2,112.4            |
| <b>Gloucester</b>   | 6.0                     | 5.0           | 42.0                | 12.8          | 65.8              | 12.0                       | 11.0          | 116.3                  | 86.5          | 225.9                | 291.7              |
| <b>Hudson</b>   | 65.0                    | 9.0           | 121.7               | 49.8          | 245.5             | 153.0                      | 41.0          | 367.8                  | 220.8         | 782.6                | 1,028.1            |
| <b>Hunterdon</b>  | 2.0                     | 1.0           | 4.3                 | 4.2           | 11.5              | 9.0                        | 5.0           | 48.8                   | 35.1          | 97.9                 | 109.4              |
| <b>Mercer</b>   | 36.0                    | 4.0           | 57.9                | 15.4          | 113.3             | 82.0                       | 20.0          | 264.0                  | 164.0         | 530.0                | 643.3              |
| <b>Middlesex</b>  | 27.0                    | 10.0          | 114.6               | 31.1          | 182.7             | 104.0                      | 42.0          | 380.7                  | 254.3         | 781.0                | 963.7              |
| <b>Monmouth</b>   | 30.0                    | 12.0          | 75.6                | 30.4          | 148.0             | 93.0                       | 30.0          | 402.0                  | 282.0         | 807.0                | 955.0              |
| <b>Morris</b>   | 12.0                    | 6.0           | 46.2                | 12.7          | 76.9              | 46.0                       | 15.0          | 257.8                  | 163.6         | 482.4                | 559.3              |
| <b>Ocean</b>  | 13.0                    | 6.0           | 79.2                | 33.7          | 131.9             | 82.0                       | 29.0          | 374.0                  | 278.0         | 763.0                | 894.9              |
| <b>Passaic</b>  | 43.0                    | 15.0          | 123.5               | 36.4          | 217.9             | 112.0                      | 31.0          | 311.0                  | 215.5         | 669.5                | 887.4              |
| <b>Salem</b>  | 2.0                     | 3.0           | 12.2                | 3.2           | 20.4              | 10.0                       | 2.0           | 54.3                   | 37.4          | 103.7                | 124.1              |
| <b>Somerset</b>   | 11.0                    | 6.0           | 26.4                | 5.2           | 48.6              | 38.0                       | 14.0          | 108.0                  | 82.0          | 242.1                | 290.7              |
| <b>Sussex</b>   | 3.0                     | 5.0           | 11.3                | 4.3           | 23.6              | 22.0                       | 8.0           | 61.8                   | 38.6          | 130.4                | 154.0              |
| <b>Union</b>  | 23.0                    | 18.0          | 90.5                | 27.1          | 158.6             | 82.0                       | 29.0          | 346.5                  | 252.6         | 710.1                | 868.7              |
| <b>Warren</b>   | 9.0                     | 4.0           | 8.4                 | 5.5           | 26.9              | 14.0                       | 7.0           | 43.2                   | 32.5          | 96.7                 | 123.6              |
| <b>New Jersey</b>   | 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 |
| <b>Atlantic</b>   | 7.04             | 1.53   | 11.76        | 2.99   | 11.43 | 12.45               | 4.45   | 39.75           | 22.15  | 38.97   | 50.40 |
| <b>Bergen</b>     | 0.99             | 0.57   | 3.51         | 1.16   | 3.06  | 3.62                | 1.44   | 20.95           | 14.84  | 20.27   | 23.33 |
| <b>Burlington</b> | 1.15             | 0.28   | 4.59         | 2.02   | 4.00  | 3.63                | 1.96   | 25.60           | 15.29  | 23.17   | 27.18 |
| <b>Camden</b>     | 3.91             | 1.06   | 10.86        | 3.11   | 9.29  | 7.98                | 3.57   | 41.18           | 23.49  | 37.72   | 47.01 |
| <b>Cape May</b>   | 7.32             | 1.51   | 3.42         | 1.20   | 6.57  | 19.92               | 4.89   | 42.87           | 22.15  | 44.23   | 50.80 |
| <b>Cumberland</b> | 4.28             | 1.39   | 4.20         | 1.51   | 5.75  | 11.51               | 4.74   | 28.69           | 19.58  | 32.42   | 38.17 |
| <b>Essex</b>      | 5.83             | 2.11   | 18.92        | 5.55   | 15.79 | 11.44               | 4.18   | 39.53           | 20.98  | 37.44   | 53.23 |
| <b>Gloucester</b> | 0.97             | 0.76   | 6.82         | 1.95   | 5.17  | 1.95                | 1.67   | 18.88           | 13.17  | 17.74   | 22.91 |
| <b>Hudson</b>     | 4.35             | 0.58   | 8.14         | 3.21   | 8.06  | 10.23               | 2.65   | 24.60           | 14.25  | 25.70   | 33.76 |
| <b>Hunterdon</b>  | 0.66             | 0.32   | 1.43         | 1.36   | 1.89  | 2.99                | 1.62   | 16.20           | 11.37  | 16.05   | 17.94 |
| <b>Mercer</b>     | 4.22             | 0.44   | 6.78         | 1.71   | 6.46  | 9.60                | 2.22   | 30.92           | 18.22  | 30.22   | 36.68 |
| <b>Middlesex</b>  | 1.47             | 0.52   | 6.22         | 1.63   | 4.87  | 5.65                | 2.20   | 20.67           | 13.32  | 20.82   | 25.69 |
| <b>Monmouth</b>   | 2.01             | 0.76   | 5.06         | 1.92   | 4.81  | 6.22                | 1.90   | 26.90           | 17.82  | 26.23   | 31.04 |
| <b>Morris</b>     | 1.04             | 0.50   | 4.02         | 1.06   | 3.27  | 4.00                | 1.25   | 22.41           | 13.62  | 20.52   | 23.79 |
| <b>Ocean</b>      | 1.07             | 0.45   | 6.53         | 2.51   | 5.16  | 6.76                | 2.16   | 30.83           | 20.72  | 29.87   | 35.03 |
| <b>Passaic</b>    | 3.63             | 1.19   | 10.42        | 2.89   | 8.91  | 9.45                | 2.46   | 26.24           | 17.10  | 27.38   | 36.29 |
| <b>Salem</b>      | 1.29             | 1.81   | 7.86         | 1.93   | 6.35  | 6.44                | 1.20   | 34.98           | 22.52  | 32.27   | 38.62 |
| <b>Somerset</b>   | 1.51             | 0.79   | 3.64         | 0.68   | 3.27  | 5.23                | 1.84   | 14.88           | 10.78  | 16.27   | 19.54 |
| <b>Sussex</b>     | 0.84             | 1.37   | 3.17         | 1.18   | 3.27  | 6.17                | 2.20   | 17.32           | 10.60  | 18.09   | 21.36 |
| <b>Union</b>      | 1.83             | 1.33   | 7.20         | 2.00   | 6.07  | 6.52                | 2.14   | 27.57           | 18.63  | 27.18   | 33.25 |
| <b>Warren</b>     | 3.61             | 1.52   | 3.37         | 2.09   | 5.25  | 5.61                | 2.66   | 17.31           | 12.38  | 18.88   | 24.13 |
| <b>New Jersey</b> | 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 |
| <b>Atlantic</b>   | 6.6              | 1.4    | 11.1         | 2.8    | 10.8  | 11.7                | 4.2    | 37.5            | 20.9   | 36.8    | 47.5  |
| <b>Bergen</b>     | 0.9              | 0.5    | 3.3          | 1.1    | 2.9   | 3.4                 | 1.4    | 19.8            | 14.0   | 19.1    | 22.0  |
| <b>Burlington</b> | 1.1              | 0.3    | 4.3          | 1.9    | 3.8   | 3.4                 | 1.9    | 24.1            | 14.4   | 21.9    | 25.6  |
| <b>Camden</b>     | 3.7              | 1.0    | 10.2         | 2.9    | 8.8   | 7.5                 | 3.4    | 38.8            | 22.2   | 35.6    | 44.3  |
| <b>Cape May</b>   | 6.9              | 1.4    | 3.2          | 1.1    | 6.2   | 18.8                | 4.6    | 40.4            | 20.9   | 41.7    | 47.9  |
| <b>Cumberland</b> | 4.0              | 1.3    | 4.0          | 1.4    | 5.4   | 10.9                | 4.5    | 27.1            | 18.5   | 30.6    | 36.0  |
| <b>Essex</b>      | 5.5              | 2.0    | 17.8         | 5.2    | 14.9  | 10.8                | 3.9    | 37.3            | 19.8   | 35.3    | 50.2  |
| <b>Gloucester</b> | 0.9              | 0.7    | 6.4          | 1.8    | 4.9   | 1.8                 | 1.6    | 17.8            | 12.4   | 16.7    | 21.6  |
| <b>Hudson</b>     | 4.1              | 0.5    | 7.7          | 3.0    | 7.6   | 9.7                 | 2.5    | 23.2            | 13.4   | 24.2    | 31.9  |
| <b>Hunterdon</b>  | 0.6              | 0.3    | 1.3          | 1.3    | 1.8   | 2.8                 | 1.5    | 15.3            | 10.7   | 15.1    | 16.9  |
| <b>Mercer</b>     | 4.0              | 0.4    | 6.4          | 1.6    | 6.1   | 9.1                 | 2.1    | 29.2            | 17.2   | 28.5    | 34.6  |
| <b>Middlesex</b>  | 1.4              | 0.5    | 5.9          | 1.5    | 4.6   | 5.3                 | 2.1    | 19.5            | 12.6   | 19.6    | 24.2  |
| <b>Monmouth</b>   | 1.9              | 0.7    | 4.8          | 1.8    | 4.5   | 5.9                 | 1.8    | 25.4            | 16.8   | 24.7    | 29.3  |
| <b>Morris</b>     | 1.0              | 0.5    | 3.8          | 1.0    | 3.1   | 3.8                 | 1.2    | 21.1            | 12.9   | 19.4    | 22.4  |
| <b>Ocean</b>      | 1.0              | 0.4    | 6.2          | 2.4    | 4.9   | 6.4                 | 2.0    | 29.1            | 19.5   | 28.2    | 33.0  |
| <b>Passaic</b>    | 3.4              | 1.1    | 9.8          | 2.7    | 8.4   | 8.9                 | 2.3    | 24.8            | 16.1   | 25.8    | 34.2  |
| <b>Salem</b>      | 1.2              | 1.7    | 7.4          | 1.8    | 6.0   | 6.1                 | 1.1    | 33.0            | 21.2   | 30.4    | 36.4  |
| <b>Somerset</b>   | 1.4              | 0.7    | 3.4          | 0.6    | 3.1   | 4.9                 | 1.7    | 14.0            | 10.2   | 15.4    | 18.4  |
| <b>Sussex</b>     | 0.8              | 1.3    | 3.0          | 1.1    | 3.1   | 5.8                 | 2.1    | 16.3            | 10.0   | 17.1    | 20.2  |
| <b>Union</b>      | 1.7              | 1.3    | 6.8          | 1.9    | 5.7   | 6.2                 | 2.0    | 26.0            | 17.6   | 25.6    | 31.4  |
| <b>Warren</b>     | 3.4              | 1.4    | 3.2          | 2.0    | 5.0   | 5.3                 | 2.5    | 16.3            | 11.7   | 17.8    | 22.8  |
| <b>New Jersey</b> | 2.5              | 0.9    | 7.0          | 2.2    | 6.2   | 6.7                 | 2.3    | 25.0            | 16.1   | 25.1    | 31.4  |

**Mortality: ICD-9 Diagnostic Codes Specific and Related to Drug & Alcohol Abuse and Dependence  
and Associated Causality Factors**

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

| County     | 100% Drug Caused |        | Drug Related |        | Drug<br>Total | 100% Alcohol Caused |        | Alcohol Related |        | Alcohol<br>Total | Grand<br>Total |
|------------|------------------|--------|--------------|--------|---------------|---------------------|--------|-----------------|--------|------------------|----------------|
|            | Male             | Female | Male         | Female |               | Male                | Female | Male            | Female |                  |                |
| 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 |        |              |        |       | 100% Alcohol |        |                 |        |         | Grand Total |
|------------|-----------|--------|--------------|--------|-------|--------------|--------|-----------------|--------|---------|-------------|
|            | Caused    |        | Drug Related |        | Drug  | Caused       |        | Alcohol Related |        | Alcohol |             |
|            | Male      | Female | Male         | Female | Total | Male         | Female | Male            | Female | 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

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

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

| <b>Juvenile Arrests by County</b>                        |                 |                           |                       |                      |                |                 |                |                   |            |                    |                        |                     |                  |
|--|-----------------|---------------------------|-----------------------|----------------------|----------------|-----------------|----------------|-------------------|------------|--------------------|------------------------|---------------------|------------------|
| <b>5-year average criminal justice data, 1999 - 2003</b> |                 |                           |                       |                      |                |                 |                |                   |            |                    |                        |                     |                  |
| <b>County</b>  | <b>Homicide</b> | <b>Aggravated Assault</b> | <b>Sexual Assault</b> | <b>Other Assault</b> | <b>Robbery</b> | <b>Burglary</b> | <b>Larceny</b> | <b>Auto Theft</b> | <b>DUI</b> | <b>Liquor Laws</b> | <b>Stolen Property</b> | <b>Prostitution</b> | <b>Drug Laws</b> |
| <b>Atlantic</b>  | 0.4             | 117                       | 5                     | 352                  | 66             | 132             | 554            | 26                | 14         | 82                 | 83                     | 6                   | 286              |
| <b>Bergen</b>  | 0.4             | 103                       | 4                     | 396                  | 49             | 119             | 689            | 19                | 22         | 412                | 83                     | 0                   | 452              |
| <b>Burlington</b>  | 0.2             | 77                        | 6                     | 353                  | 41             | 111             | 332            | 29                | 27         | 222                | 69                     | 1                   | 360              |
| <b>Camden</b>  | 4.0             | 226                       | 11                    | 557                  | 81             | 179             | 529            | 27                | 31         | 202                | 187                    | 5                   | 652              |
| <b>Cape May</b>  | 0.2             | 39                        | 1                     | 102                  | 16             | 73              | 265            | 10                | 18         | 416                | 22                     | 0                   | 229              |
| <b>Cumberland</b>  | 0.6             | 80                        | 5                     | 309                  | 59             | 147             | 357            | 23                | 14         | 13                 | 64                     | 1                   | 152              |
| <b>Essex</b>   | 5.0             | 334                       | 18                    | 533                  | 221            | 139             | 407            | 67                | 11         | 120                | 550                    | 2                   | 1147             |
| <b>Gloucester</b>  | 0.2             | 50                        | 2                     | 221                  | 16             | 88              | 349            | 21                | 22         | 115                | 49                     | 0                   | 262              |
| <b>Hudson</b>  | 2.2             | 269                       | 6                     | 340                  | 278            | 98              | 279            | 25                | 4          | 102                | 172                    | 3                   | 670              |
| <b>Hunterdon</b>   | 0.0             | 9                         | 1                     | 51                   | 1              | 12              | 49             | 6                 | 6          | 23                 | 7                      | 0                   | 98               |
| <b>Mercer</b>  | 1.6             | 126                       | 5                     | 567                  | 95             | 109             | 494            | 53                | 16         | 81                 | 204                    | 1                   | 409              |
| <b>Middlesex</b>   | 0.2             | 111                       | 9                     | 354                  | 43             | 95              | 601            | 24                | 21         | 119                | 80                     | 0                   | 346              |
| <b>Monmouth</b>  | 0.8             | 120                       | 5                     | 410                  | 53             | 145             | 701            | 27                | 34         | 378                | 87                     | 1                   | 552              |
| <b>Morris</b>  | 0.2             | 37                        | 2                     | 137                  | 11             | 62              | 270            | 11                | 31         | 254                | 31                     | 0                   | 261              |
| <b>Ocean</b>   | 0.2             | 98                        | 6                     | 350                  | 26             | 154             | 486            | 22                | 36         | 228                | 44                     | 1                   | 449              |
| <b>Passaic</b>   | 4.8             | 140                       | 4                     | 548                  | 89             | 106             | 385            | 62                | 11         | 84                 | 122                    | 0                   | 437              |
| <b>Salem</b>   | 0.0             | 17                        | 2                     | 82                   | 4              | 34              | 64             | 5                 | 6          | 14                 | 15                     | 0                   | 42               |
| <b>Somerset</b>  | 0.0             | 26                        | 2                     | 200                  | 12             | 35              | 229            | 9                 | 6          | 74                 | 23                     | 0                   | 149              |
| <b>Sussex</b>  | 0.0             | 19                        | 1                     | 67                   | 1              | 29              | 75             | 6                 | 11         | 43                 | 5                      | 0                   | 86               |
| <b>Union</b>   | 0.4             | 54                        | 3                     | 286                  | 84             | 74              | 477            | 34                | 11         | 143                | 150                    | 2                   | 468              |
| <b>Warren</b>  | 0.0             | 10                        | 1                     | 52                   | 4              | 25              | 103            | 4                 | 5          | 46                 | 7                      | 0                   | 69               |
| <b>New Jersey</b>  | <b>21</b>       | <b>2062</b>               | <b>98</b>             | <b>6269</b>          | <b>1254</b>    | <b>1964</b>     | <b>7695</b>    | <b>510</b>        | <b>357</b> | <b>3170</b>        | <b>2051</b>            | <b>23</b>           | <b>7576</b>      |

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

| <b>Total Drug Attributable Arrests by County</b>         |                 |                           |                       |                      |                |                 |                |                   |                        |                     |                  |                      |
|--|-----------------|---------------------------|-----------------------|----------------------|----------------|-----------------|----------------|-------------------|------------------------|---------------------|------------------|----------------------|
| <b>5-year average criminal justice data, 1999 - 2003</b> |                 |                           |                       |                      |                |                 |                |                   |                        |                     |                  |                      |
| <b>County</b>  | <b>Homicide</b> | <b>Aggravated Assault</b> | <b>Sexual Assault</b> | <b>Other Assault</b> | <b>Robbery</b> | <b>Burglary</b> | <b>Larceny</b> | <b>Auto Theft</b> | <b>Stolen Property</b> | <b>Prostitution</b> | <b>Drug Laws</b> | <b>Total Arrests</b> |
| <b>Drug Factor Fractions</b>                             | 0.158           | 0.024                     | 0.051                 | 0.051                | 0.272          | 0.30            | 0.296          | 0.068             | 0.151                  | 0.128               | 0.151            |                      |
| <b>Atlantic</b>  | 1.4             | 12.7                      | 1.7                   | 100.2                | 54.2           | 100.1           | 575.1          | 4.8               | 33.9                   | 24.9                | 2085.6           | 2994.4               |
| <b>Bergen</b>  | 1.3             | 14.2                      | 1.5                   | 119.8                | 55.3           | 122.0           | 846.6          | 5.5               | 63.3                   | 6.5                 | 2679.8           | 3915.6               |
| <b>Burlington</b>  | 0.9             | 8.3                       | 1.2                   | 104.1                | 38.7           | 91.3            | 387.9          | 5.8               | 41.4                   | 3.7                 | 2005.0           | 2688.4               |
| <b>Camden</b>  | 4.9             | 24.6                      | 3.0                   | 157.9                | 78.1           | 161.3           | 685.4          | 6.3               | 92.4                   | 10.6                | 4218.0           | 5442.6               |
| <b>Cape May</b>  | 0.3             | 4.6                       | 0.7                   | 33.8                 | 12.9           | 57.4            | 189.1          | 1.9               | 12.7                   | 0.3                 | 1007.2           | 1320.8               |
| <b>Cumberland</b>  | 1.0             | 9.6                       | 1.6                   | 66.4                 | 50.9           | 121.4           | 303.0          | 3.6               | 27.5                   | 6.2                 | 1137.0           | 1728.1               |
| <b>Essex</b>   | 11.3            | 50.8                      | 6.0                   | 178.9                | 254.5          | 292.4           | 850.8          | 10.2              | 284.8                  | 65.7                | 11932.8          | 13938.2              |
| <b>Gloucester</b>  | 0.7             | 6.4                       | 1.0                   | 64.0                 | 20.6           | 72.4            | 356.0          | 4.5               | 29.2                   | 0.7                 | 1566.4           | 2121.9               |
| <b>Hudson</b>  | 4.6             | 34.5                      | 1.3                   | 123.9                | 192.2          | 145.9           | 602.9          | 4.4               | 103.7                  | 25.7                | 5731.2           | 6970.3               |
| <b>Hunterdon</b>   | 0.0             | 0.9                       | 0.1                   | 10.0                 | 0.8            | 13.4            | 45.9           | 1.1               | 4.0                    | 0.1                 | 548.6            | 624.9                |
| <b>Mercer</b>  | 2.7             | 9.8                       | 2.4                   | 79.3                 | 62.1           | 88.9            | 402.1          | 5.6               | 76.6                   | 13.8                | 2955.2           | 3698.5               |
| <b>Middlesex</b>   | 1.5             | 15.1                      | 2.5                   | 98.1                 | 50.2           | 116.7           | 658.6          | 6.2               | 63.0                   | 10.1                | 2589.8           | 3611.8               |
| <b>Monmouth</b>  | 1.5             | 13.8                      | 1.7                   | 118.5                | 47.4           | 126.5           | 644.2          | 6.2               | 51.1                   | 15.2                | 4058.0           | 5084.1               |
| <b>Morris</b>  | 0.8             | 6.7                       | 0.7                   | 45.5                 | 16.6           | 69.1            | 296.4          | 3.5               | 24.4                   | 3.3                 | 1574.0           | 2040.9               |
| <b>Ocean</b>   | 0.6             | 11.3                      | 1.3                   | 76.8                 | 25.2           | 111.7           | 354.4          | 4.5               | 21.0                   | 6.4                 | 2672.0           | 3285.3               |
| <b>Passaic</b>   | 4.2             | 17.3                      | 1.6                   | 110.1                | 73.9           | 121.6           | 473.4          | 12.6              | 53.8                   | 43.0                | 3692.4           | 4603.7               |
| <b>Salem</b>   | 0.3             | 2.1                       | 0.3                   | 19.1                 | 4.6            | 28.7            | 61.0           | 1.0               | 6.4                    | 0.2                 | 382.8            | 506.5                |
| <b>Somerset</b>  | 0.6             | 2.0                       | 0.4                   | 42.6                 | 10.6           | 29.2            | 230.1          | 1.8               | 10.3                   | 2.5                 | 756.0            | 1086.0               |
| <b>Sussex</b>  | 0.1             | 1.8                       | 0.3                   | 21.2                 | 2.9            | 28.2            | 67.4           | 1.5               | 4.0                    | 0.0                 | 369.8            | 497.2                |
| <b>Union</b>   | 3.6             | 9.2                       | 1.5                   | 101.4                | 80.1           | 95.6            | 583.0          | 6.5               | 80.6                   | 68.6                | 4053.6           | 5083.8               |
| <b>Warren</b>  | 0.1             | 1.4                       | 0.2                   | 16.8                 | 4.1            | 19.4            | 93.5           | 1.3               | 4.3                    | 0.0                 | 421.0            | 562.0                |
| <b>New Jersey</b>  | <b>42.3</b>     | <b>257.1</b>              | <b>31.1</b>           | <b>1688.2</b>        | <b>1136.0</b>  | <b>2012.9</b>   | <b>8706.8</b>  | <b>98.8</b>       | <b>1088.5</b>          | <b>307.3</b>        | <b>56436.2</b>   | <b>71805.2</b>       |

| Alcohol Attributable Arrests of Adult Population in New Jersey, 1999 - 2003 |             |                    |                |                |             |              |              |              |                 |                | Age 18+       |
|---|-------------|--------------------|----------------|----------------|-------------|--------------|--------------|--------------|-----------------|----------------|---------------|
| 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         |
| <b>New Jersey</b>   | <b>73.9</b> | <b>2,595.2</b>     | <b>115.3</b>   | <b>8,049.7</b> | <b>99.4</b> | <b>170.8</b> | <b>608.1</b> | <b>329.9</b> | <b>28,345.4</b> | <b>7,527.2</b> | <b>47,915</b> |



| Alcohol Attributable Arrests of Juvenile 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            |
| <b>New Jersey</b>  | <b>6.42</b> | <b>618.54</b>      | <b>22.05</b>   | <b>1880.76</b> | <b>42.64</b> | <b>70.70</b> | <b>215.47</b> | <b>178.64</b> | <b>357.40</b> | <b>3,169.8</b> | <b>6,562</b>  |

| 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           |
| <b>New Jersey</b>  | <b>38.9</b> | <b>207.6</b>       | <b>26.1</b>    | <b>1368.5</b> | <b>794.8</b> | <b>1423.7</b> | <b>6428.9</b> | <b>64.1</b> | <b>778.7</b>    | <b>304.4</b> | <b>48860.6</b> | <b>60296</b>  |

| Drug Attributable Arrests of Juvenile 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        | 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           |
| <b>New Jersey</b>   | <b>3.4</b> | <b>49.5</b>        | <b>5.0</b>     | <b>319.7</b>  | <b>341.1</b> | <b>589.1</b> | <b>2277.8</b> | <b>34.7</b> | <b>309.7</b>    | <b>2.9</b>   | <b>7575.6</b> | <b>11509</b>  |

| <b>Total Alcohol Attributable Arrest Rates / 100,000 in New Jersey</b> |                 |                           |                       |                      |                |                 |                |                   |              |                    |                      |
|--|-----------------|---------------------------|-----------------------|----------------------|----------------|-----------------|----------------|-------------------|--------------|--------------------|----------------------|
| <b>5-year average criminal justice data, 1999 - 2003</b>               |                 |                           |                       |                      |                |                 |                |                   |              |                    |                      |
| <b>County</b>  | <b>Homicide</b> | <b>Aggravated Assault</b> | <b>Sexual Assault</b> | <b>Other Assault</b> | <b>Robbery</b> | <b>Burglary</b> | <b>Larceny</b> | <b>Auto Theft</b> | <b>DUI</b>   | <b>Liquor Laws</b> | <b>Total Arrests</b> |
| <b>Atlantic</b>  | 1.1             | 62.0                      | 3.0                   | 230.7                | 2.7            | 4.7             | 21.3           | 9.6               | 734.3        | 86.4               | 1155.8               |
| <b>Bergen</b>  | 0.3             | 19.9                      | 0.8                   | 79.1                 | 0.8            | 1.6             | 9.0            | 3.2               | 282.8        | 82.1               | 479.5                |
| <b>Burlington</b>  | 0.4             | 24.2                      | 1.2                   | 142.3                | 1.1            | 2.5             | 8.5            | 6.9               | 401.9        | 106.5              | 695.6                |
| <b>Camden</b>  | 1.8             | 60.4                      | 2.6                   | 182.4                | 1.9            | 3.8             | 12.7           | 6.4               | 532.9        | 109.0              | 913.9                |
| <b>Cape May</b>  | 0.5             | 56.4                      | 3.0                   | 194.7                | 1.6            | 6.7             | 17.5           | 9.8               | 850.9        | 2246.6             | 3387.8               |
| <b>Cumberland</b>  | 1.3             | 81.5                      | 4.9                   | 265.8                | 4.3            | 9.9             | 19.5           | 12.7              | 674.6        | 33.4               | 1108.0               |
| <b>Essex</b>   | 2.7             | 80.0                      | 3.3                   | 132.4                | 4.0            | 4.4             | 10.1           | 6.6               | 124.9        | 45.9               | 414.4                |
| <b>Gloucester</b>  | 0.5             | 31.0                      | 1.7                   | 145.9                | 1.0            | 3.4             | 13.1           | 8.9               | 490.0        | 192.1              | 887.6                |
| <b>Hudson</b>  | 1.4             | 70.3                      | 1.0                   | 118.9                | 3.9            | 2.9             | 9.3            | 3.7               | 146.6        | 48.4               | 406.3                |
| <b>Hunterdon</b>   | 0.0             | 8.7                       | 0.4                   | 47.1                 | 0.1            | 1.3             | 3.5            | 4.4               | 385.7        | 50.7               | 501.9                |
| <b>Mercer</b>  | 1.4             | 34.4                      | 3.0                   | 131.5                | 2.2            | 3.0             | 10.7           | 8.1               | 285.2        | 309.1              | 788.6                |
| <b>Middlesex</b>   | 0.4             | 24.8                      | 1.4                   | 75.6                 | 0.8            | 1.8             | 8.2            | 4.2               | 279.1        | 48.8               | 445.1                |
| <b>Monmouth</b>  | 0.4             | 27.8                      | 1.2                   | 112.0                | 1.0            | 2.4             | 9.8            | 5.1               | 416.4        | 208.5              | 784.5                |
| <b>Morris</b>  | 0.3             | 17.8                      | 0.6                   | 56.4                 | 0.4            | 1.7             | 5.9            | 3.8               | 399.5        | 108.8              | 595.4                |
| <b>Ocean</b>   | 0.2             | 27.0                      | 1.1                   | 86.3                 | 0.6            | 2.6             | 6.4            | 4.5               | 390.0        | 145.3              | 664.0                |
| <b>Passaic</b>   | 1.6             | 43.8                      | 1.4                   | 131.0                | 1.9            | 3.0             | 9.1            | 13.1              | 276.0        | 48.5               | 529.3                |
| <b>Salem</b>   | 0.8             | 40.9                      | 2.2                   | 174.6                | 0.9            | 5.4             | 9.0            | 8.4               | 703.0        | 97.8               | 1042.9               |
| <b>Somerset</b>  | 0.4             | 8.1                       | 0.6                   | 82.6                 | 0.4            | 1.2             | 7.2            | 3.0               | 305.1        | 63.4               | 472.0                |
| <b>Sussex</b>  | 0.2             | 15.5                      | 0.8                   | 84.9                 | 0.3            | 2.3             | 4.3            | 5.3               | 409.5        | 78.3               | 601.4                |
| <b>Union</b>   | 1.3             | 21.8                      | 1.3                   | 113.3                | 1.9            | 2.2             | 10.5           | 6.4               | 184.6        | 75.6               | 418.9                |
| <b>Warren</b>  | 0.2             | 16.4                      | 0.9                   | 93.5                 | 0.5            | 2.2             | 8.4            | 6.1               | 365.0        | 113.8              | 606.9                |
| <b>New Jersey</b>  | <b>0.9</b>      | <b>37.8</b>               | <b>1.6</b>            | <b>116.8</b>         | <b>1.7</b>     | <b>2.8</b>      | <b>9.7</b>     | <b>6.0</b>        | <b>337.5</b> | <b>125.8</b>       | <b>640.6</b>         |

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

**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            | Alcohol Related Arrest Rates |       |           | Drug Related Arrest Rates |        |       |        |       |           |       |        |       |
|-------------------|------------------------------|-------|-----------|---------------------------|--------|-------|--------|-------|-----------|-------|--------|-------|
|                   | Adults                       |       | Juveniles |                           | Total  |       | Adults |       | Juveniles |       | Total  |       |
|                   | Number                       | Rates | Number    | Rates                     | Number | Rates | Number | Rate  | Number    | Rates | Number | Rates |
| <b>Atlantic</b>   | 2,682                        | 1,404 | 269       | 418                       | 2,951  | 1,156 | 2451   | 1,283 | 543       | 845   | 2994   | 1,172 |
| <b>Bergen</b>     | 3,656                        | 531   | 616       | 303                       | 4,272  | 479   | 3174   | 461   | 742       | 365   | 3916   | 440   |
| <b>Burlington</b> | 2,589                        | 799   | 404       | 381                       | 2,993  | 696   | 2152   | 664   | 536       | 505   | 2688   | 625   |
| <b>Camden</b>     | 4,148                        | 1,107 | 506       | 376                       | 4,654  | 914   | 4493   | 1,199 | 950       | 706   | 5443   | 1,069 |
| <b>Cape May</b>   | 2,966                        | 3,723 | 491       | 2,196                     | 3,457  | 3,388 | 977    | 1,226 | 344       | 1,539 | 1321   | 1,295 |
| <b>Cumberland</b> | 1,457                        | 1,327 | 170       | 459                       | 1,627  | 1,108 | 1381   | 1,258 | 347       | 936   | 1728   | 1,177 |
| <b>Essex</b>      | 2,848                        | 486   | 444       | 214                       | 3,292  | 414   | 12445  | 2,122 | 1494      | 719   | 13939  | 1,755 |
| <b>Gloucester</b> | 2,050                        | 1,072 | 239       | 359                       | 2,289  | 888   | 1704   | 891   | 417       | 626   | 2121   | 822   |
| <b>Hudson</b>     | 2,171                        | 459   | 320       | 228                       | 2,491  | 406   | 6060   | 1,281 | 910       | 649   | 6970   | 1,136 |
| <b>Hunterdon</b>  | 576                          | 613   | 51        | 164                       | 627    | 502   | 504    | 537   | 121       | 390   | 625    | 500   |
| <b>Mercer</b>     | 2,452                        | 916   | 346       | 397                       | 2,798  | 788   | 3018   | 1,128 | 681       | 781   | 3699   | 1,042 |
| <b>Middlesex</b>  | 3,086                        | 531   | 311       | 170                       | 3,397  | 445   | 3013   | 519   | 599       | 328   | 3612   | 473   |
| <b>Monmouth</b>   | 4,274                        | 924   | 609       | 381                       | 4,883  | 785   | 4228   | 914   | 856       | 535   | 5084   | 817   |
| <b>Morris</b>     | 2,469                        | 692   | 352       | 300                       | 2,821  | 595   | 1665   | 467   | 376       | 321   | 2041   | 431   |
| <b>Ocean</b>      | 3,052                        | 756   | 427       | 355                       | 3,479  | 664   | 2610   | 646   | 675       | 562   | 3285   | 627   |
| <b>Passaic</b>    | 2,273                        | 624   | 343       | 263                       | 2,616  | 529   | 3942   | 1,083 | 661       | 508   | 4603   | 931   |
| <b>Salem</b>      | 615                          | 1,275 | 56        | 350                       | 671    | 1,045 | 427    | 885   | 80        | 500   | 507    | 789   |
| <b>Somerset</b>   | 1,272                        | 563   | 159       | 206                       | 1,431  | 472   | 841    | 372   | 245       | 318   | 1086   | 358   |
| <b>Sussex</b>     | 796                          | 744   | 85        | 215                       | 881    | 601   | 375    | 350   | 123       | 311   | 498    | 340   |
| <b>Union</b>      | 1,918                        | 486   | 287       | 218                       | 2,205  | 419   | 4388   | 1,111 | 696       | 529   | 5084   | 966   |
| <b>Warren</b>     | 566                          | 719   | 76        | 283                       | 642    | 608   | 450    | 571   | 112       | 416   | 562    | 532   |
| <b>New Jersey</b> | 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             | %          |
| <b>Atlantic</b>   | 53  | 0.23         | 385               | 1.65        | 256                    | 1.10         | 164                  | 0.7         | 16            | 0.07        | 35            | 0.15        | 909           | 3.89       |
| <b>Bergen</b>     | 698   | 2.99         | 118               | 0.51        | 530                    | 2.27         | 148                  | 0.63        | 5             | 0.02        | 64            | 0.27        | 1,563         | 6.7        |
| <b>Burlington</b> | 37  | 0.16         | 238               | 1.02        | 233                    | 1.00         | 71                   | 0.3         | 3             | 0.01        | 35            | 0.15        | 617           | 2.64       |
| <b>Camden</b>     | 42  | 0.18         | 537               | 2.3         | 284                    | 1.22         | 282                  | 1.21        | 5             | 0.02        | 50            | 0.21        | 1,200         | 5.14       |
| <b>Cape May</b>   | 17  | 0.07         | 90                | 0.39        | 101                    | 0.43         | 36                   | 0.15        | 1             | 0           | 12            | 0.05        | 257           | 1.1        |
| <b>Cumberland</b> | 55  | 0.24         | 114               | 0.49        | 125                    | 0.54         | 65                   | 0.28        | 18            | 0.08        | 26            | 0.11        | 403           | 1.73       |
| <b>Essex</b>      | 3,290   | 14.1         | 358               | 1.53        | 384                    | 1.65         | 364                  | 1.56        | 16            | 0.07        | 90            | 0.39        | 4,502         | 19.3       |
| <b>Gloucester</b> | 22  | 0.09         | 266               | 1.14        | 135                    | 0.58         | 51                   | 0.22        | 1             | 0           | 23            | 0.1         | 498           | 2.13       |
| <b>Hudson</b>     | 1,388   | 5.95         | 89                | 0.38        | 281                    | 1.20         | 372                  | 1.59        | 30            | 0.13        | 58            | 0.25        | 2,218         | 9.5        |
| <b>Hunterdon</b>  | 70  | 0.3          | 19                | 0.08        | 29                     | 0.12         | 27                   | 0.12        | 1             | 0           | 16            | 0.07        | 162           | 0.69       |
| <b>Mercer</b>     | 131   | 0.56         | 130               | 0.56        | 160                    | 0.69         | 134                  | 0.57        | 89            | 0.38        | 44            | 0.19        | 688           | 2.95       |
| <b>Middlesex</b>  | 417   | 1.79         | 325               | 1.39        | 308                    | 1.32         | 147                  | 0.63        | 4             | 0.02        | 64            | 0.27        | 1,265         | 5.42       |
| <b>Monmouth</b>   | 274   | 1.17         | 652               | 2.79        | 373                    | 1.60         | 262                  | 1.12        | 9             | 0.04        | 90            | 0.39        | 1,660         | 7.11       |
| <b>Morris</b>     | 696   | 2.98         | 151               | 0.65        | 240                    | 1.03         | 57                   | 0.24        | .             | .           | 42            | 0.18        | 1,186         | 5.08       |
| <b>Ocean</b>      | 177   | 0.76         | 466               | 2           | 387                    | 1.66         | 139                  | 0.6         | 3             | 0.01        | 48            | 0.21        | 1,220         | 5.23       |
| <b>Passaic</b>    | 1,066   | 4.57         | 95                | 0.41        | 249                    | 1.07         | 353                  | 1.51        | 3             | 0.01        | 98            | 0.42        | 1,864         | 7.99       |
| <b>Salem</b>      | 15  | 0.06         | 64                | 0.27        | 39                     | 0.17         | 28                   | 0.12        | .             | .           | 12            | 0.05        | 158           | 0.68       |
| <b>Somerset</b>   | 239   | 1.02         | 29                | 0.12        | 68                     | 0.29         | 49                   | 0.21        | 5             | 0.02        | 38            | 0.16        | 428           | 1.83       |
| <b>Sussex</b>     | 204   | 0.87         | 141               | 0.6         | 102                    | 0.44         | 36                   | 0.15        | .             | .           | 17            | 0.07        | 500           | 2.14       |
| <b>Union</b>      | 660   | 2.83         | 231               | 0.99        | 228                    | 0.98         | 267                  | 1.14        | 7             | 0.03        | 181           | 0.78        | 1,574         | 6.74       |
| <b>Warren</b>     | 102   | 0.44         | 27                | 0.12        | 61                     | 0.26         | 20                   | 0.09        | .             | .           | 11            | 0.05        | 221           | 0.95       |
| <b>New Jersey</b> | <b>9,669</b>  | <b>41.43</b> | <b>4,611</b>      | <b>19.8</b> | <b>4,659</b>           | <b>19.96</b> | <b>3,122</b>         | <b>13.4</b> | <b>219</b>    | <b>0.94</b> | <b>1,059</b>  | <b>4.54</b> | <b>23,339</b> | <b>100</b> |

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



| County            | County Share of Resident Admissions by Primary Drug<br>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       |
| <b>New Jersey</b> | <b>12,828</b>  | <b>24.51</b> | <b>26,344</b> | <b>50.34</b> | <b>5,300</b>  | <b>10.13</b> | <b>5,919</b> | <b>11.31</b> | <b>1,944</b> | <b>3.71</b> | <b>52,335</b> | <b>100</b> |

## 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.

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