# Indicators of Alcohol and Other Drug Risk and Consequences for California Counties

*Sierra County*

2010

# Indicators of Alcohol and Other Drug Risk and Consequences for California Counties

*Sierra County*

2010

CARS
CENTER FOR APPLIED RESEARCH SOLUTIONS

# TABLE OF CONTENTS

**Introduction** ..... **1**

**Key Findings** ..... **3**

**Summary of Key Indicators of Community Alcohol and Drug Use** ..... **5**

## Indicator 1: Prevalence of Past Year Binge Drinking

Table/Figure 1.1 Estimated Number and Percent of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year with Comparison to State Rates ..... 6

Table/Figure 1.2 Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year by Gender ..... 6

Table 1.3 Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year by Race/Ethnicity ..... 7

Figure 1.3 Past Year Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties by Race/Ethnicity ..... 7

Table 1.4 Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year by Age Category ..... 8

Figure 1.4 Past Year Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties by Age Category ..... 8

## Indicator 2: Admissions to Alcohol and Other Drug Treatment

Treatment Data Clarifications ..... 9

Table 2.1 Number of Admissions to Alcohol and Other Drug Treatment in **Del Norte, Modoc, Plumas,** and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 9

Figure 2.1 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Treatment Admission Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 9

Table 2.2 Admissions to Alcohol and Other Drug Treatment in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Client Gender, Rate per 100,000 Population, and Percent of Total Admissions ..... 10

Figure 2.2 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Client Gender ..... 10

Table 2.3 Treatment Admissions in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population ..... 11

Figure 2.3 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Primary Drug Type ..... 11

Table 2.4 Admissions to Alcohol and Other Drug Treatment in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Client Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Admissions ..... 12

Figure 2.4 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Client Race/Ethnicity ..... 12

Table 2.5 Admissions to Alcohol and Other Drug Treatment in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Client Age Category, Rate per 100,000 Population, and Percent of Total Admissions ..... 13

Figure 2.5 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Client Age Category ..... 13

Table 2.6 Characteristics of Clients Admitted to Alcohol and Other Drug Treatment in **Del Norte, Modoc, Plumas,** and **Sierra** Counties and Rate per 100,000 Population ..... 14

Figure 2.6 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Age of Substance Use Initiation Rate per 100,000 Population ..... 14

Table 2.7 AOD Treatment Admissions in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population 0 to 17 Years ..... 15

Figure 2.7 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Underage Treatment Admission Rate per 100,000 Population 0 to 17 by Primary Drug Type ..... 15

Table 2.8 AOD Treatment Admissions among Youth Under Age 18 in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Gender and Client Race/Ethnicity, Rate per 100,000 Population 0 to 17, and Percent of Total Admissions ..... 16

## Indicator 3: Arrests for Drug-Related Crime


Table 3.1 Number of Arrests for Felony and Misdemeanor Drug Offenses and Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates ..... 17
Figure 3.1 Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 with Comparison to Statewide Rates ..... 17
Table 3.2 Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests ..... 17
Figure 3.2 Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 by Offender Gender ..... 17
Table 3.3 Number of Arrests for Felony and Misdemeanor Drug Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests ..... 18
Figure 3.3 Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 by Specific Offense ..... 18
Table 3.4 Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests ..... 19
Figure 3.4 Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 by Offender Race/Ethnicity ..... 19
Table 3.5 Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Age Category, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests ..... 20
Figure 3.5 Sierra County Drug Arrest Rate per 100,000 Population by Offender Age Category ..... 20
Table 3.6 Number of Arrests for Felony and Misdemeanor Drug Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Drug Arrests ..... 21


## Indicator 4: Arrests for Alcohol-Related Crime


Table 4.1 Number of Arrests for Felony and Misdemeanor Alcohol Offenses and Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates ..... 22
Figure 4.1 Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 with Comparison to Statewide Rates ..... 22
Table 4.2 Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests ..... 22
Figure 4.2 Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 by Offender Gender ..... 22
Table 4.3 Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests ..... 23
Figure 4.3 Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 by Specific Offense ..... 23
Table 4.4 Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests ..... 24
Figure 4.4 Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 by Offender Race/Ethnicity ..... 24
Table 4.5 Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Alcohol Arrests ..... 25
Figure 4.5 Sierra County Alcohol Arrest Rate per 100,000 Population by Offender Age Category ..... 25
Table 4.6 Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Alcohol Arrests ..... 26


## Indicator 5: Alcohol-Involved Motor Vehicle Accidents


Table 5.1 Sierra County Fatalities in Alcohol-Involved Accidents and Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 27
Figure 5.1 Sierra County Alcohol-Involved Accident Fatality Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 27
Table 5.2 Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Gender, Rate per 100,000 Population, and Percent of Total ..... 27
Figure 5.2 Sierra County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Gender ..... 27
Table 5.3 Sierra County Alcohol-Involved Accidents by Injury Severity, Rate per 100,000 Total Population, and Percent of Total ..... 28
Figure 5.3 Sierra County Alcohol-Involved Rate per 100,000 Total Population, by Injury Severity ..... 28
Table 5.4 Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Race/Ethnicity, Rate per 100,000 Population, and Percent of Total ..... 29
Figure 5.4 Sierra County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Race/Ethnicity ..... 29
Table 5.5 Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Age Category, Rate per 100,000 Population, and Percent of Total ..... 30

Figure 5.5 Sierra County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Age Category ..... 30

## Indicator 6: Hospitalization Due to Alcohol and Drug Use

Table 6.1 Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) in **Del Norte, Modoc, Plumas,** and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 31
Figure 6.1 **Del Norte, Modoc, Plumas,** and **Sierra** Counties Alcohol- and Drug-Related Hospitalization Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 31
Table 6.2 Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Patient Gender, Rate per 100,000 Population, and Percent of Total Admissions ..... 31
Figure 6.2 **Del Norte, Modoc, Plumas,** and **Sierra** Counties AOD-Related Hospitalization Rate per 100,000 Population by Patient Gender ..... 31
Table 6.3 Hospitalizations Due to Alcohol-Related Causes in **Del Norte, Modoc, Plumas,** and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 32
Figure 6.3 **Del Norte, Modoc, Plumas,** and **Sierra** Counties *Alcohol*-Related Hospitalization Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 32
Table 6.4 Hospitalizations Due to Drug-Related Causes in **Del Norte, Modoc, Plumas,** and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 32
Figure 6.4 **Del Norte, Modoc, Plumas,** and **Sierra** Counties *Drug*-Related Hospitalization Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 32
Table 6.5 Hospitalizations Due to *Alcohol*-Related Causes in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Specific Cause and Rate per 100,000 Total Population ..... 33
Table 6.6 Hospitalizations Due to *Drug*-Related Causes by Specific Cause in **Del Norte, Modoc, Plumas,** and **Sierra** Counties and Rate per 100,000 Total Population ..... 34
Table 6.7 Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Patient Race/Ethnicity, Rate per 100,000 Population, and Percent of Hospitalizations ..... 35
Figure 6.5 **Del Norte, Modoc, Plumas,** and **Sierra** Counties AOD-Related Hospitalization Rate per 100,000 Population by Patient Race/Ethnicity ..... 35
Table 6.8 Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte, Modoc, Plumas,** and **Sierra** Counties by Patient Age Category, Rate per 100,000 Population, and Percent of Hospitalizations ..... 36
Figure 6.6 **Del Norte, Modoc, Plumas,** and **Sierra** Counties AOD-Related Hospitalization Rate per 100,000 Population by Patient Age Category ..... 36

## Indicator 7: Deaths Due to Alcohol and Drug Use

Table 7.1 Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) and Age-Adjusted Rate per 100,000 with Comparison to Statewide Rates ..... 37
Figure 7.1 Sierra County Mortality Age-Adjusted Rate per 100,000 Total Population with Comparison to Statewide Rates ..... 37
Table 7.2 Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) by Gender of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths ..... 37
Figure 7.2 Sierra County AOD-Related Mortality Rate per 100,000 Population by Decedent Gender ..... 37
Table 7.3 Deaths Due to *Alcohol*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates ..... 38
Figure 7.3 Sierra County *Alcohol*-Related Mortality Rate per 100,000 Population with Comparison to Statewide Rates ..... 38
Table 7.4 Deaths Due to *Drug*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates ..... 38
Figure 7.4 Sierra County *Drug*-Related Mortality Rate per 100,000 Population with Comparison to Statewide Rates ..... 38
Table 7.5 Deaths Due to *Alcohol*-Related Causes by Specific Cause, and Rate per 100,000 Total Population ..... 39
Table 7.6 Deaths Due to *Drug*-Related Causes by Specific Cause, and Rate per 100,000 Total Population ..... 40
Table 7.7 Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) by Race/Ethnicity of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths ..... 41
Figure 7.5 Sierra County AOD-Related Mortality Rate per 100,000 Population by Decedent Race/Ethnicity ..... 41
Table 7.8 Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) by Age Category of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths ..... 42
Figure 7.6 Sierra County AOD-Related Mortality Rate per 100,000 Population by Decedent Age Category ..... 42

**Sources ..... 43**

# INTRODUCTION

In the mid-1990s, the California Department of Alcohol and Drug Programs, in collaboration with the Center for Applied Research Solutions (CARS), Inc. began to work toward improving the state's prevention information system. A key component of this information system was the continuous collection, monitoring and reporting of selected community-level indicators that would serve as direct and indirect measures of alcohol and other drug use prevalence and related problems. This information system was designed to assist with state and local prevention planning and policy-making by providing useful, systematic data about prevention and treatment needs and outcomes throughout the state.

The present report is the most recent product of this ongoing effort. It differs from earlier versions in a few important ways.

- First, while previous reports typically summarized data for more than twenty-five indicators of health and social conditions that are theoretically linked to problem substance use, the current version is more streamlined, focusing on seven key indicators of AOD use and abuse prevalence and their direct consequences, including impacts on the criminal justice, health and alcohol and drug treatment systems.
- Second, the 2010 report updates information contained in earlier versions, but expands in its depth to summarize data for populations within the larger county, including age, gender, and race/ethnicity sub-groups. This expanded detail allows for more precise analyses of alcohol and drug use problems within a county population and enhances the ability to effectively target prevention and intervention strategies to community needs.

Similar to previous reports, the 2010 version includes simple analytic tools to help users interpret the information presented. This includes use of population-based rates (e.g., the number of incidents relative to the total population) to make meaningful comparisons between geographic areas that differ in population size, or comparisons between differing time points. Data is presented at both the county and state level to allow county rates to be evaluated against a relative average.

The overall intent of the report is to provide a simple, easy-to-use resource that helps synthesize the most relevant indicator data currently available to assess substance use problems, in an effort to optimize prevention planning and outcome measurement efforts in communities through the state. Specifically, it is designed to support the work of planners, policy-makers, and practitioners in the field in:

- Determining the incidence of alcohol and other drug use problems within county populations and sub-populations;
- Monitoring trends in problem incidence to identify emergent issues and detect changes in status over time;
- Establishing program resource levels that are appropriate to address the nature and extent of prevention and treatment needs; and,
- Documenting progress toward achieving targeted prevention objectives and outcomes.

The report contains information on several key indicators of alcohol and drug prevalence and consequences for California populations in each of the following seven indicators:

1. Household prevalence of past year binge drinking;
2. Admissions to publicly-funded and/or monitored alcohol and other drug treatment facilities;
3. Arrests for drug-related criminal offenses;
4. Arrests for alcohol-related criminal offenses;
5. Motor vehicle accidents involving drivers who had been drinking;
6. Hospitalizations for alcohol and drug-related conditions; and,
7. Mortality attributable to acute and chronic alcohol and drug use.

Each report contains data compiled from several sources, including a statewide, longitudinal survey of California household populations, and state data systems housing public archival records from six central agencies, including the California Department of Justice (DOJ), the California Highway Patrol (CHP), the California Department of Public Health, Vital Statistics Section, the Office of Statewide Health Planning and Development (OSHPD), the Department of Alcohol and Drug Programs (ADP), and the University of California, Los Angeles (UCLA). This reliance on statewide data sources ensures that the information reported is drawn from reliable and valid measures that are routinely and uniformly collected across jurisdictions (i.e., all counties use the same data collection), allowing for comparisons over time, across counties, and between counties and the state.

# KEY FINDINGS

## Indicator 1: Prevalence of Past Year Binge Drinking

- Approximately 25 percent of Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas, and Sierra County residents age 18 and older participated in binge drinking in 2007 compared to the statewide rate of 30 percent.
- Males in Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas, and Sierra Counties participated in binge drinking less frequently compared to those in the state (38 percent versus 26 percent) in 2007. Females participated at higher levels in Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas, and Sierra Counties compared to the state (24 percent versus 21 percent).

## Indicator 2: Admissions to Alcohol and Other Drug Treatment

- Overall, admission rates to treatment facilities in Del Norte, Modoc, Plumas, and Sierra Counties have decreased since 2000, after peaking in 2005 at 1,075 per 100,000. In 2000 there were about 582 admissions per 100,000 compared to 535 admissions per 100,000 in 2008. Del Norte, Modoc, Plumas, and Sierra Counties' AOD admission rate was higher than the state except in 2000 and 2008. There may be differences in detoxification and non-detoxification service admission trends that affect this overall trend (see "Treatment Data Clarifications" section on page 9 for detail).
- Admissions due to methamphetamine use accounted for 29 percent of all admissions in 2008. Admissions due to alcohol use accounted for roughly 34 percent of admissions, marijuana for 28 percent of admissions, heroin for 3 percent of admissions, and other drugs for 6 percent in 2008.
- The highest rate of admissions was for 25 to 34 year olds with a rate of 1,530 per 100,000 in 2008. The next highest rate was for 18 to 24 year olds with a rate of 1,452 per 100,000. 35 to 44 year olds also had a high drug arrest rate at 767 per 100,000 in 2008.

## Indicator 3: Arrests for Drug-Related Crime

- Crime rates for felony and misdemeanor drug offenses decreased from 941 per 100,000 in 2000 to 174 per 100,000 in 2008. Sierra County's drug arrest rate was lower than the state each year, starting in 2003.
- Arrests due to dangerous drug offenses accounted for approximately 40 percent in 2008, narcotics for roughly 20 percent of drug arrests, marijuana for 20 percent of drug arrests, and 20 percent of drug arrests in 2008 were for other drug violations.

## Indicator 4: Arrests for Alcohol-Related Crime

- Crime rates for felony and misdemeanor alcohol offenses increased slightly from 2,894 per 100,000 in 2000 to 2,959 per 100,000 in 2008. Sierra County's alcohol arrest rate was significantly higher than the state overall each year.
- Arrests due to driving-under-the-influence accounted for approximately 80 percent in 2008, public drunkenness for roughly 20 percent of alcohol arrests. There were no arrests in 2008 for liquor law violations.

## Indicator 5: Alcohol-Involved Motor Vehicle Accidents

- The rate of fatalities in alcohol-involved accidents was higher than the state overall each year, except in 2002, 2003, and 2007 when no alcohol-involved fatalities were reported in Sierra County.

## Indicator 6: Hospitalizations Due to Alcohol and Drug Use

- The rate of hospitalizations due to alcohol and drug use decreased from 218 per 100,000 in 2000 to 196 per 100,000 in 2007, after peaking in 2003 at 259 per 100,000. Del Norte, Modoc, Plumas, and Sierra Counties' AOD hospitalization rate was higher than the state except in 2000, 2001, 2002, and 2007.
- The rate of hospitalizations due to alcohol-related causes decreased from 79 per 100,000 in 2000 to 62 per 100,000 in 2007, after peaking in 2003 at 96 per 100,000. Del Norte, Modoc, Plumas, and Sierra Counties' alcohol-related hospitalization rate was lower than the state, except in 2003.
- The rate of hospitalizations due to drug-related causes decreased slightly from 139 per 100,000 in 2000 to 134 per 100,000 in 2007, after peaking in 2004 at 172 per 100,000. Del Norte, Modoc, Plumas, and Sierra Counties' drug-related hospitalization rate was higher than the state overall each year.

## Indicator 7: Deaths Due to Alcohol and Drug Use

- Sierra County's AOD mortality rate was higher than the state each year, except in 2000, 2003, and 2007 when no alcohol- or drug-attributable deaths were reported in Sierra County.
- Sierra County's AOD mortality rate was higher than the state each year, except in 2000, 2001, 2003, and 2007 when no alcohol-attributable deaths were reported in Sierra County.
- Sierra County's AOD mortality rate was higher than the state each year, except in 2000, 2002, 2003, and 2007 when no drug-attributable deaths were reported in Sierra County.

# Key Indicators of Community Alcohol and Drug Use • Sierra County

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Three Year Average |
|---|---|---|---|---|---|---|---|---|---|---|
| **INDICATOR 1:** **Past Year Binge Drinking** | **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties | | | | | | | | | |
| County Percentage of Total Respondents | • | • | • | • | • | • | • | 25.1 | • | |
| State Percentage of Total Respondents | • | • | • | • | • | • | • | 29.7 | • | |
| *County Ranking (of 44 Counties)* | • | • | • | • | • | • | • | *43* | • | |
| **INDICATOR 2:** **Admissions to Alcohol and Other Drug Treatment** | **Del Norte, Modoc, Plumas,** and **Sierra** Counties | | | | | | | | | |
| County Rate per 100,000 Total Population | 581.80 | 795.09 | 807.78 | 933.93 | 965.38 | 1,074.85 | 838.67 | 721.60 | 534.87 | 698.38 |
| State Rate per 100,000 Population 10 to 69 Years | 647.98 | 706.60 | 703.16 | 668.97 | 645.41 | 643.64 | 599.12 | 602.30 | 591.63 | 597.68 |
| *County Ranking (of 49 Counties)* | *30* | *23* | *23* | *15* | *14* | *13* | *20* | *23* | *32* | *24* |
| **INDICATOR 3:** **Arrests for Drug-Related Offenses** | | | | | | | | | | |
| County Rate per 100,000 Population 10 to 69 Years | 941.42 | 1,076.02 | 1,138.72 | 760.19 | 688.94 | 516.71 | 414.51 | 693.96 | 174.03 | 427.50 |
| State Rate per 100,000 Population 10 to 69 Years | 961.65 | 931.02 | 940.74 | 986.91 | 1,023.80 | 1,070.18 | 1,040.85 | 997.25 | 910.20 | 982.76 |
| *County Ranking (of 58 Counties)* | *26* | *15* | *17* | *41* | *49* | *56* | *58* | *49* | *58* | *58* |
| **INDICATOR 4:** **Arrests for Alcohol-Related Offenses** | | | | | | | | | | |
| County Rate per 100,000 Population 10 to 69 Years | 2,894.00 | 2,533.84 | 2,726.02 | 3,282.65 | 2,824.66 | 3,823.63 | 4,110.54 | 3,296.32 | 2,958.58 | 3,455.15 |
| State Rate per 100,000 Population 10 to 69 Years | 1,238.01 | 1,167.40 | 1,126.00 | 1,129.17 | 1,087.87 | 1,045.21 | 1,123.22 | 1,159.68 | 1,203.37 | 1,162.09 |
| *County Ranking (of 58 Counties)* | *10* | *13* | *10* | *4* | *9* | *2* | *1* | *4* | *6* | *3* |
| **INDICATOR 5:** **Alcohol-Involved Motor Vehicle Accident Fatalities** | | | | | | | | | | |
| County Rate per 100,000 Total Population | 27.02 | 54.02 | 0.00 | 0.00 | 26.91 | 27.08 | 54.35 | 0.00 | 27.34 | 27.23 |
| State Rate per 100,000 Total Population | 3.62 | 3.76 | 3.99 | 4.01 | 4.00 | 4.26 | 4.27 | 3.94 | 3.54 | 3.92 |
| *County Ranking (of 58 Counties)* | *3* | *2* | *58* | *58* | *2* | *1* | *2* | *58* | *2* | *2* |
| **INDICATOR 6:** **Alcohol and Drug Use Hospitalizations** | **Del Norte, Modoc, Plumas,** and **Sierra** Counties | | | | | | | | | |
| County Rate per 100,000 Total Population | 218.17 | 207.63 | 213.92 | 259.16 | 233.99 | 223.61 | 211.59 | 196.39 | • | 210.53 |
| State Rate per 100,000 Total Population | 222.67 | 218.35 | 217.21 | 215.37 | 211.97 | 204.50 | 201.00 | 205.44 | • | 203.65 |
| *County Ranking (of 50 Counties)* | *17* | *15* | *15* | *4* | *10* | *6* | *11* | *21* | • | *12* |
| **INDICATOR 7:** **Deaths Due to Alcohol and Drug Use** | | | | | | | | | | |
| County Rate per 100,000 Total Population | 0.00 | 20.78 | 49.17 | 0.00 | 56.16 | 41.81 | 34.86 | 0.00 | • | 25.56 |
| State Rate per 100,000 Total Population | 19.03 | 19.22 | 20.10 | 20.90 | 20.86 | 21.40 | 21.27 | 21.46 | • | 21.38 |
| *County Ranking (of 58 Counties)* | *58* | *27* | *1* | *58* | *1* | *6* | *11* | *58* | • | *22* |

• Data not available for reporting year.

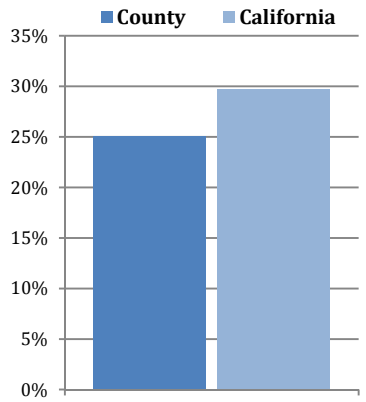
# Indicator 1: Prevalence of Past Year Binge Drinking

The estimated number and percent of persons 18 years and older who reported any binge drinking in the past year.

**Table/Figure 1.1**
Estimated Number and Percent of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year with Comparison to Statewide Rates

| **2007** | **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties | **State of California** |
|---|---|---|
| Estimated Number * | 28,000 | 7,973,000 |
| Estimated Population 18 and over | 113,000 | 26,874,000 |
| Percent of Total Population | 25.1% | 29.7% |

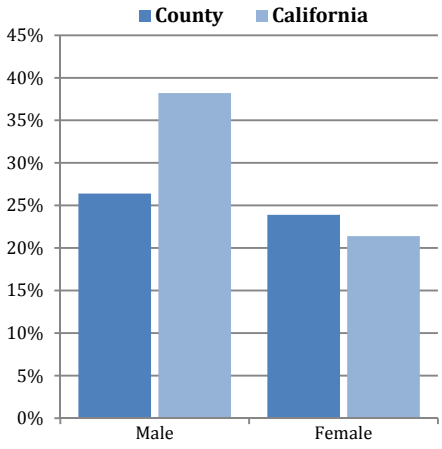
* Estimates rounded to the nearest thousand.




**Table/Figure 1.2**
Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year by Gender

| **2007** | | **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties | **State of California** |
|---|---|---|---|
| Male | Estimated Number * | 14,000 | 5,039,000 |
| | Estimated Population | 54,000 | 13,179,000 |
| | Percent of Population | 26.4% | 38.2% |
| Female | Estimated Number * | 14,000 | 2,934,000 |
| | Estimated Population | 58,000 | 13,694,000 |
| | Percent of Population | 23.9% | 21.4% |

* Estimates rounded to the nearest thousand.



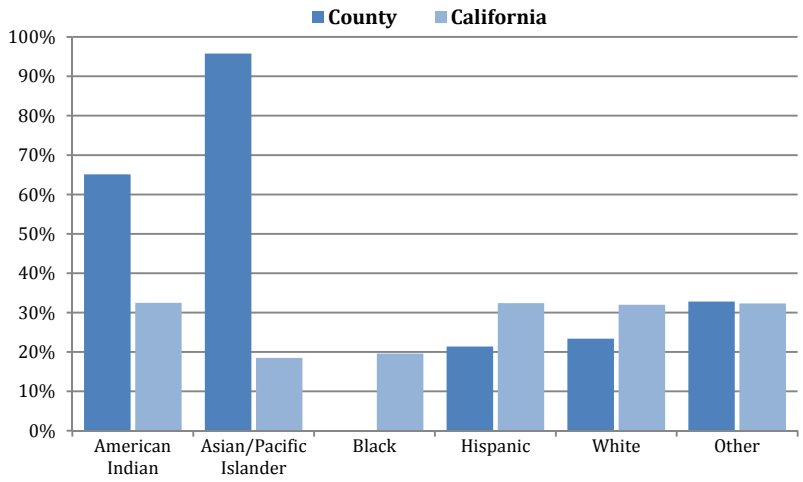
# Indicator 1: Prevalence of Past Year Binge Drinking (Continued)

**Table 1.3**
Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year by Race/Ethnicity

| **2007** | | **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties | **State of California** |
|---|---|---|---|
| American Indian | Estimated Number * | 2,000 | 55,000 |
| | Estimated Population | 3,000 | 170,000 |
| | Percent of Population | 65.1% | 32.5% |
| Asian/Pacific Islander | Estimated Number * | 1,000 | 650,000 |
| | Estimated Population | 1,000 | 3,507,000 |
| | Percent of Population | 95.8% | 18.5% |
| Black | Estimated Number * | - | 301,000 |
| | Estimated Population | - | 1,531,000 |
| | Percent of Population | - | 19.6% |
| Hispanic | Estimated Number * | 2,000 | 2,745,000 |
| | Estimated Population | 10,000 | 8,469,000 |
| | Percent of Population | 21.4% | 32.4% |
| White | Estimated Number * | 22,000 | 4,093,000 |
| | Estimated Population | 96,000 | 12,797,000 |
| | Percent of Population | 23.4% | 32.0% |
| Other | Estimated Number * | 1,000 | 129,000 |
| | Estimated Population | 3,000 | 401,000 |
| | Percent of Population | 32.8% | 32.3% |

* Estimates rounded to the nearest thousand.
\- Estimate not reported due to small sample size.

**Figure 1.3**
Past Year Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties by Race/Ethnicity



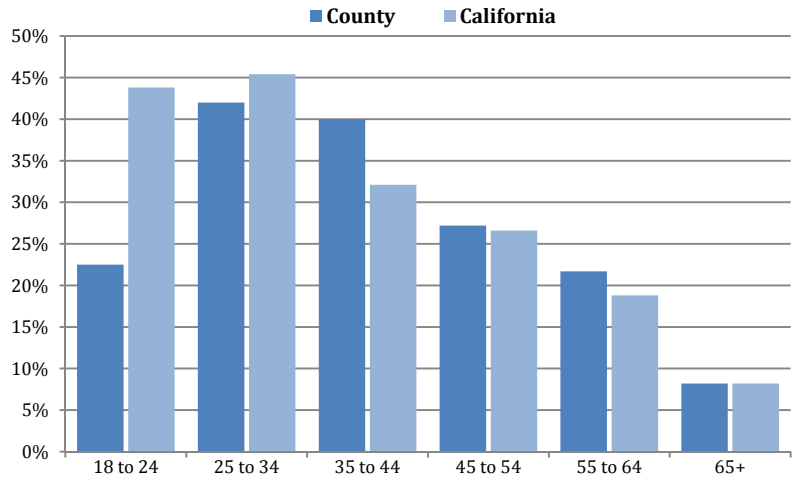
# Indicator 1: Prevalence of Past Year Binge Drinking (Continued)

**Table 1.4**
Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties in the Past Year by Age Category

| **2007** | | **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties | **State of California** |
|---|---|---|---|
| 18 to 24 | Estimated Number * | 4,000 | 1,620,000 |
| | Estimated Population | 16,000 | 3,703,000 |
| | Percent of Population | 22.5% | 43.8% |
| 25 to 34 | Estimated Number * | 6,000 | 2,147,000 |
| | Estimated Population | 15,000 | 4,733,000 |
| | Percent of Population | 42.0% | 45.4% |
| 35 to 44 | Estimated Number * | 7,000 | 1,795,000 |
| | Estimated Population | 17,000 | 5,593,000 |
| | Percent of Population | 40.0% | 32.1% |
| 45 to 54 | Estimated Number * | 5,000 | 1,390,000 |
| | Estimated Population | 19,000 | 5,219,000 |
| | Percent of Population | 27.2% | 26.6% |
| 55 to 64 | Estimated Number * | 5,000 | 700,000 |
| | Estimated Population | 22,000 | 3,724,000 |
| | Percent of Population | 21.7% | 18.8% |
| 65 and Over | Estimated Number * | 2,000 | 321,000 |
| | Estimated Population | 25,000 | 3,901,000 |
| | Percent of Population | 8.2% | 8.2% |

* Estimates rounded to the nearest thousand.

**Figure 1.4**
Past Year Binge Drinking in **Del Norte, Siskiyou, Lassen, Trinity, Modoc, Plumas,** and **Sierra** Counties by Age Category



# Indicator 2: Admissions to Alcohol and Other Drug Treatment

The number of admissions to publicly funded alcohol and other drug treatment facilities in California and rate of admission per 100,000 total population.

## Treatment Data Clarifications

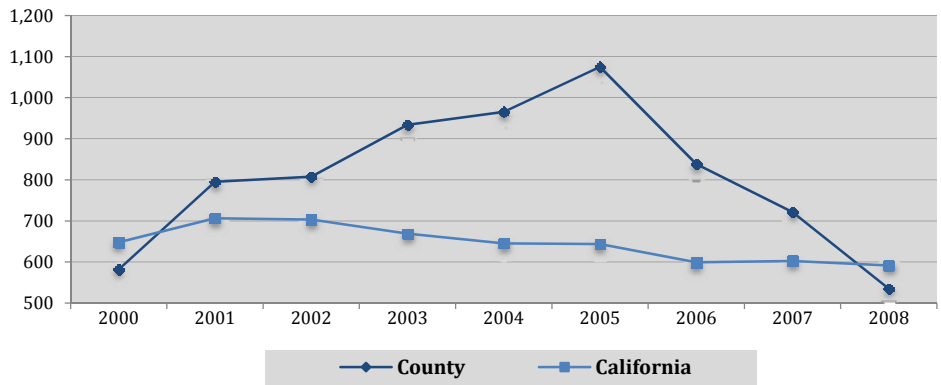
Findings for Indicator 2: Admissions to Alcohol and Other Drug Treatment are based on total admissions rather than unique client counts. Clients with multiple treatment admissions during the year tend to bias the demographic and service characteristics described. These findings include admissions for both detoxification and other treatment services. Detoxification services are short term, often repeated numerous times, and used primarily for alcohol or heroin treatment. The inclusion of admissions to detoxification services biases the demographic and service characteristics described.

The Substance Abuse Crime Prevention Act (SACPA) was implemented in July 2001. Clients referred by the criminal justice system compete for limited treatment services resources and are often given priority over clients referred by other sources. In 2000, criminal justice referrals made up only 26 percent of all admissions. By 2004, criminal justice referrals made up 42% of the admissions. The influx of these clients with their specific demographic and service characteristics impact the makeup of the treatment population described in the key findings. For instance, clients referred by the criminal justice system rarely use detoxification services, and more often have a primary drug other than alcohol. Also, SACPA referred clients do not frequently use narcotic replacement treatment for heroin/opiate abuse. Consequently, the number of admissions to detoxification services has decreased as well as the number of admissions with alcohol or heroin as their primary drug problem compared with pre-SACPA levels.

**Table 2.1**
Number of Admissions to Alcohol and Other Drug Treatment in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| Number of Treatment Admissions | 360 | 494 | 506 | 591 | 623 | 697 | 547 | 474 | 354 |
| Total Population | 61,877 | 62,131 | 62,641 | 63,281 | 64,534 | 64,846 | 65,222 | 65,687 | 66,184 |
| Rate per 100,000 | 581.80 | 795.09 | 807.78 | 933.93 | 965.38 | 1,074.85 | 838.67 | 721.60 | 534.87 |
| CALIFORNIA Rate per 100,000 | 647.98 | 706.60 | 703.16 | 668.97 | 645.41 | 643.64 | 599.12 | 602.30 | 591.63 |

**Figure 2.1**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Treatment Admission Rate per 100,000 Total Population with Comparison to Statewide Rates

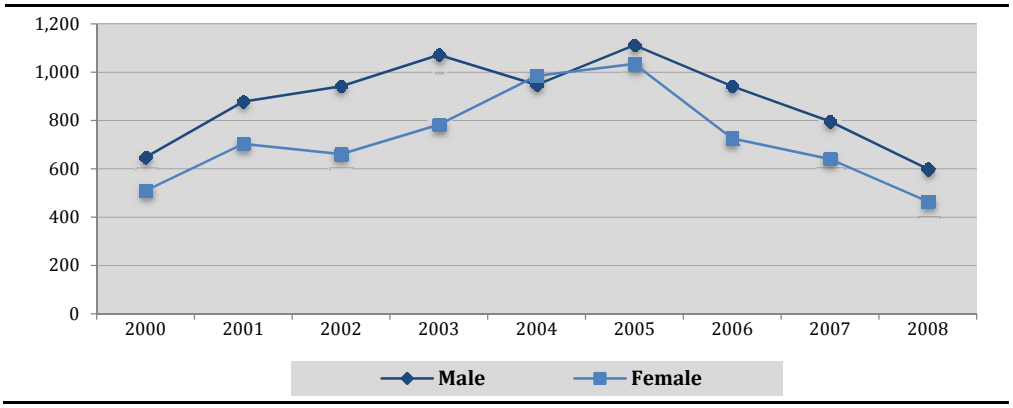


# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table/Figure 2.2**
Admissions to Alcohol and Other Drug Treatment in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Client Gender, Rate per 100,000 Population, and Percent of Total Admissions

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ADMISSIONS** | 360 | 494 | 506 | 591 | 623 | 697 | 547 | 474 | 354 |
| **Male** | 210 | 286 | 309 | 355 | 320 | 377 | 321 | 273 | 207 |
| Population | 32,438 | 32,567 | 32,819 | 33,135 | 33,766 | 33,909 | 34,089 | 34,312 | 34,550 |
| Rate per 100,000 | 647.39 | 878.19 | 941.53 | 1,071.37 | 947.70 | 1,111.80 | 941.65 | 795.64 | 599.13 |
| Percent of Total | 58.3% | 57.9% | 61.1% | 60.1% | 51.4% | 54.1% | 58.7% | 57.6% | 58.5% |
| **Female** | 150 | 208 | 197 | 236 | 303 | 320 | 226 | 201 | 147 |
| Population | 29,439 | 29,564 | 29,822 | 30,146 | 30,768 | 30,937 | 31,133 | 31,375 | 31,634 |
| Rate per 100,000 | 509.53 | 703.56 | 660.59 | 782.86 | 984.79 | 1,034.36 | 725.92 | 640.64 | 464.69 |
| Percent of Total | 41.7% | 42.1% | 38.9% | 39.9% | 48.6% | 45.9% | 41.3% | 42.4% | 41.5% |

**Figure 2.2**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Client Gender

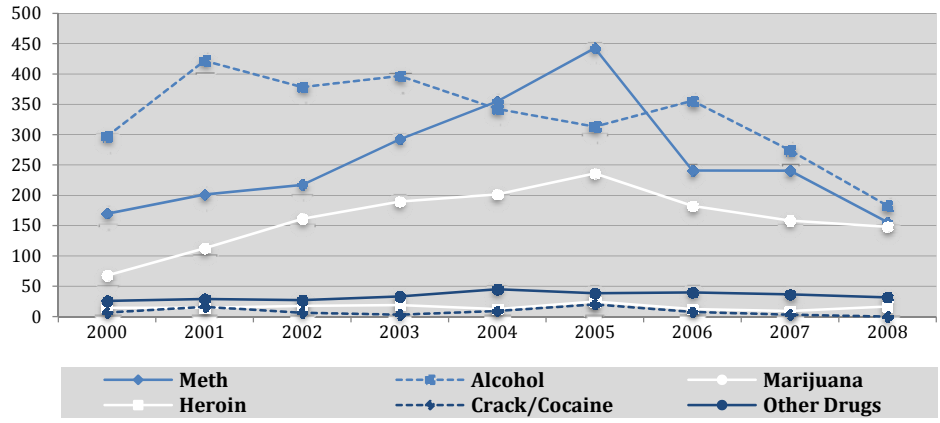


# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table 2.3**
Treatment Admissions in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ADMISSIONS** | 360 | 494 | 506 | 591 | 623 | 697 | 547 | 474 | 354 |
| **Methamphetamines** | 105 | 125 | 136 | 185 | 229 | 287 | 157 | 158 | 103 |
| Percent of Total | 29.2% | 25.3% | 26.9% | 31.3% | 36.8% | 41.2% | 28.7% | 33.3% | 29.1% |
| Rate per 100,000 | 169.69 | 201.19 | 217.11 | 292.35 | 354.85 | 442.59 | 240.72 | 240.53 | 155.63 |
| **Alcohol** | 184 | 262 | 237 | 251 | 221 | 203 | 232 | 180 | 121 |
| Percent of Total | 51.1% | 53.0% | 46.8% | 42.5% | 35.5% | 29.1% | 42.4% | 38.0% | 34.2% |
| Rate per 100,000 | 297.36 | 421.69 | 378.35 | 396.64 | 342.46 | 313.05 | 355.71 | 274.03 | 182.82 |
| **Marijuana** | 42 | 70 | 101 | 120 | 130 | 153 | 119 | 104 | 98 |
| Percent of Total | 11.7% | 14.2% | 20.0% | 20.3% | 20.9% | 22.0% | 21.8% | 21.9% | 27.7% |
| Rate per 100,000 | 67.88 | 112.67 | 161.24 | 189.63 | 201.44 | 235.94 | 182.45 | 158.33 | 148.07 |
| **Heroin** | 9 | 9 | 11 | 12 | 8 | 16 | 8 | 6 | 11 |
| Percent of Total | 2.5% | 1.8% | 2.2% | 2.0% | 1.3% | 2.3% | 1.5% | 1.3% | 3.1% |
| Rate per 100,000 | 14.54 | 14.49 | 17.56 | 18.96 | 12.40 | 24.67 | 12.27 | 9.13 | 16.62 |
| **Crack/Cocaine** | 4 | 10 | 4 | 2 | 6 | 13 | 5 | 2 | 0 |
| Percent of Total | 1.1% | 2.0% | 0.8% | 0.3% | 1.0% | 1.9% | 0.9% | 0.4% | 0.0% |
| Rate per 100,000 | 6.46 | 16.10 | 6.39 | 3.16 | 9.30 | 20.05 | 7.67 | 3.04 | 0.00 |
| **Other Drugs** | 16 | 18 | 17 | 21 | 29 | 25 | 26 | 24 | 21 |
| Percent of Total | 4.4% | 3.6% | 3.4% | 3.6% | 4.7% | 3.6% | 4.8% | 5.1% | 5.9% |
| Rate per 100,000 | 25.86 | 28.97 | 27.14 | 33.19 | 44.94 | 38.55 | 39.86 | 36.54 | 31.73 |

**Figure 2.3**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Primary Drug Type

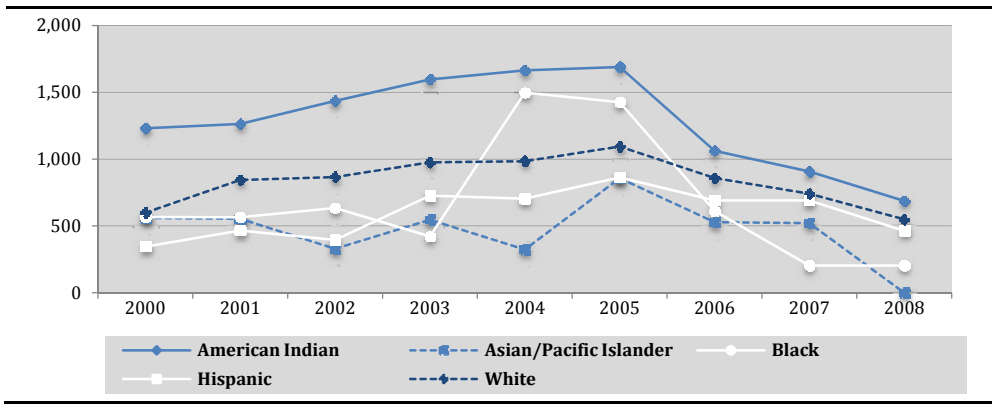


# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table 2.4**
Admissions to Alcohol and Other Drug Treatment in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Client Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Admissions

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ADMISSIONS** | 360 | 494 | 506 | 591 | 623 | 697 | 547 | 474 | 354 |
| **American Indian** | 31 | 32 | 37 | 42 | 46 | 47 | 30 | 26 | 20 |
| Population | 2,519 | 2,533 | 2,578 | 2,632 | 2,764 | 2,782 | 2,824 | 2,866 | 2,911 |
| Rate per 100,000 | 1,230.65 | 1,263.32 | 1,435.22 | 1,595.74 | 1,664.25 | 1,689.43 | 1,062.32 | 907.19 | 687.05 |
| Percent of Total | 8.6% | 6.5% | 7.3% | 7.1% | 7.4% | 6.7% | 5.5% | 5.5% | 5.6% |
| **Asian/Pacific Islander** | 5 | 5 | 3 | 5 | 3 | 8 | 5 | 5 | 0 |
| Population | 892 | 904 | 911 | 915 | 927 | 933 | 947 | 960 | 974 |
| Rate per 100,000 | 560.54 | 553.10 | 329.31 | 546.45 | 323.62 | 857.45 | 527.98 | 520.83 | 0.00 |
| Percent of Total | 1.4% | 1.0% | 0.6% | 0.8% | 0.5% | 1.1% | 0.9% | 1.1% | 0.0% |
| **Black** | 8 | 8 | 9 | 6 | 22 | 21 | 9 | 3 | 3 |
| Population | 1,412 | 1,414 | 1,419 | 1,423 | 1,469 | 1,472 | 1,472 | 1,471 | 1,471 |
| Rate per 100,000 | 566.57 | 565.77 | 634.25 | 421.64 | 1,497.62 | 1,426.63 | 611.41 | 203.94 | 203.94 |
| Percent of Total | 2.2% | 1.6% | 1.8% | 1.0% | 3.5% | 3.0% | 1.6% | 0.6% | 0.8% |
| **Hispanic** | 22 | 30 | 26 | 49 | 49 | 61 | 50 | 51 | 35 |
| Population | 6,379 | 6,447 | 6,585 | 6,740 | 6,962 | 7,065 | 7,236 | 7,387 | 7,543 |
| Rate per 100,000 | 344.88 | 465.33 | 394.84 | 727.00 | 703.82 | 863.41 | 690.99 | 690.40 | 464.01 |
| Percent of Total | 6.1% | 6.1% | 5.1% | 8.3% | 7.9% | 8.8% | 9.1% | 10.8% | 9.9% |
| **White** | 294 | 416 | 429 | 488 | 500 | 557 | 438 | 380 | 283 |
| Population | 49,103 | 49,266 | 49,579 | 50,001 | 50,798 | 50,902 | 51,020 | 51,248 | 51,496 |
| Rate per 100,000 | 598.74 | 844.40 | 865.29 | 975.98 | 984.29 | 1,094.26 | 858.49 | 741.49 | 549.56 |
| Percent of Total | 81.7% | 84.2% | 84.8% | 82.6% | 80.3% | 79.9% | 80.1% | 80.2% | 79.9% |
| **Other** | 0 | 3 | 2 | 1 | 3 | 3 | 15 | 9 | 13 |
| Percent of Total | 0.0% | 0.6% | 0.4% | 0.2% | 0.5% | 0.4% | 2.7% | 1.9% | 3.7% |

**Figure 2.4**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Client Race/ Ethnicity

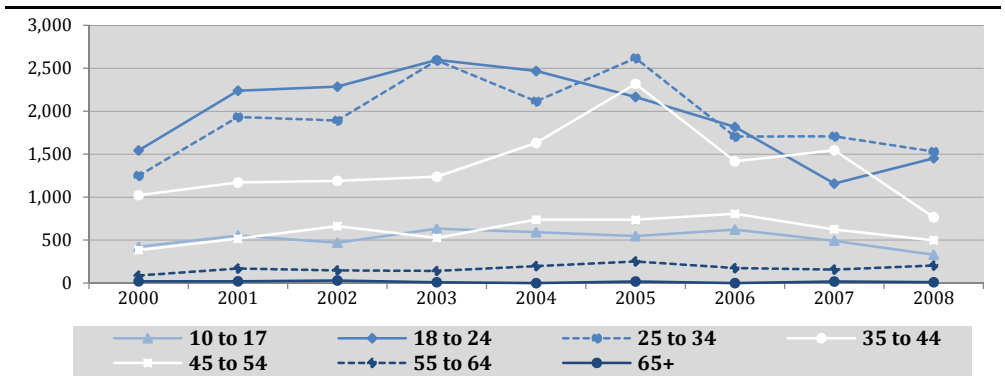


# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table 2.5**
Admissions to Alcohol and Other Drug Treatment in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Client Age Category, Rate per 100,000 Population, and Percent of Total Admissions

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ADMISSIONS** | 360 | 494 | 506 | 591 | 623 | 697 | 547 | 474 | 354 |
| **17 Years and Under** | 63 | 80 | 66 | 87 | 81 | 73 | 82 | 64 | 49 |
| Population | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Rate per 100,000 | 422.79 | 553.29 | 469.58 | 632.27 | 591.33 | 546.53 | 622.49 | 492.35 | 328.84 |
| Percent of Total | 17.5% | 16.2% | 13.0% | 14.7% | 13.0% | 10.5% | 15.0% | 13.5% | 13.8% |
| **18 to 24 Years** | 67 | 110 | 127 | 161 | 169 | 158 | 139 | 91 | 63 |
| Population | 4,338 | 4,914 | 5,556 | 6,200 | 6,847 | 7,295 | 7,651 | 7,858 | 4,338 |
| Rate per 100,000 | 1,544.49 | 2,238.50 | 2,285.82 | 2,596.77 | 2,468.23 | 2,165.87 | 1,816.76 | 1,158.06 | 1,452.28 |
| Percent of Total | 18.6% | 22.3% | 25.1% | 27.2% | 27.1% | 22.7% | 25.4% | 19.2% | 17.8% |
| **25 to 34 Years** | 85 | 128 | 124 | 168 | 138 | 171 | 113 | 119 | 104 |
| Population | 6,799 | 6,622 | 6,553 | 6,481 | 6,524 | 6,532 | 6,627 | 6,968 | 6,799 |
| Rate per 100,000 | 1,250.18 | 1,932.95 | 1,892.26 | 2,592.19 | 2,115.27 | 2,617.88 | 1,705.15 | 1,707.81 | 1,529.64 |
| Percent of Total | 23.6% | 25.9% | 24.5% | 28.4% | 22.2% | 24.5% | 20.7% | 25.1% | 29.4% |
| **35 to 44 Years** | 100 | 111 | 109 | 110 | 143 | 196 | 115 | 120 | 75 |
| Population | 9,777 | 9,485 | 9,163 | 8,885 | 8,766 | 8,455 | 8,114 | 7,761 | 9,777 |
| Rate per 100,000 | 1,022.81 | 1,170.27 | 1,189.57 | 1,238.04 | 1,631.30 | 2,318.15 | 1,417.30 | 1,546.19 | 767.11 |
| Percent of Total | 27.8% | 22.5% | 21.5% | 18.6% | 23.0% | 28.1% | 21.0% | 25.3% | 21.2% |
| **45 to 54 Years** | 37 | 51 | 66 | 53 | 76 | 76 | 83 | 64 | 48 |
| Population | 9,642 | 9,861 | 9,947 | 10,079 | 10,280 | 10,317 | 10,306 | 10,261 | 9,642 |
| Rate per 100,000 | 383.74 | 517.19 | 663.52 | 525.85 | 739.30 | 736.65 | 805.36 | 623.72 | 497.82 |
| Percent of Total | 10.3% | 10.3% | 13.0% | 9.0% | 12.2% | 10.9% | 15.2% | 13.5% | 13.6% |
| **55 to 64 Years** | 6 | 12 | 11 | 11 | 16 | 21 | 15 | 14 | 14 |
| Population | 6,857 | 7,086 | 7,463 | 7,791 | 8,100 | 8,329 | 8,612 | 8,915 | 6,857 |
| Rate per 100,000 | 87.50 | 169.35 | 147.39 | 141.19 | 197.53 | 252.13 | 174.18 | 157.04 | 204.17 |
| Percent of Total | 1.7% | 2.4% | 2.2% | 1.9% | 2.6% | 3.0% | 2.7% | 3.0% | 4.0% |
| **65 Years and Older** | 2 | 2 | 3 | 1 | 0 | 2 | 0 | 2 | 1 |
| Population | 9,563 | 9,704 | 9,904 | 10,085 | 10,319 | 10,561 | 10,739 | 10,925 | 9,563 |
| Rate per 100,000 | 20.91 | 20.61 | 30.29 | 9.92 | 0.00 | 18.94 | 0.00 | 18.31 | 10.46 |
| Percent of Total | 0.6% | 0.4% | 0.6% | 0.2% | 0.0% | 0.3% | 0.0% | 0.4% | 0.3% |

**Figure 2.5**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Treatment Admission Rate per 100,000 Population by Client Age Category

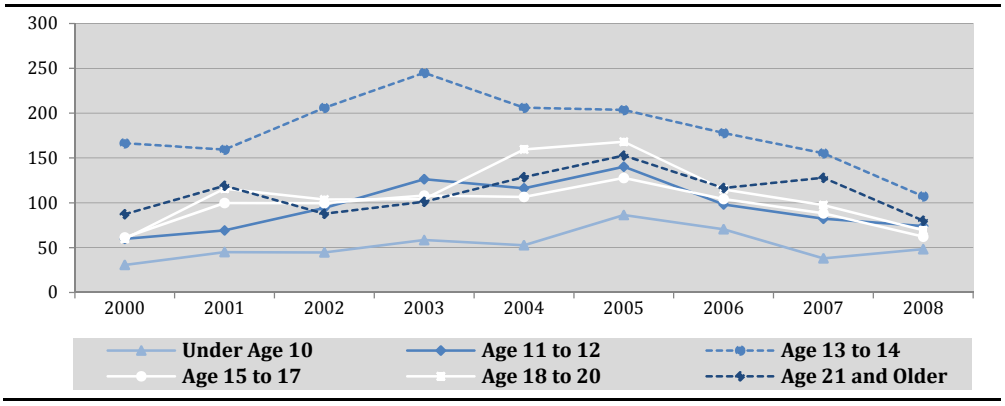


# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table 2.6**
Characteristics of Clients Admitted to Alcohol and Other Drug Treatment in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties and Rate per 100,000 Population

| | | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|---|
| **TOTAL COUNTY ADMISSIONS** | | 360 | 494 | 506 | 591 | 623 | 697 | 547 | 474 | 354 |
| **Age Initiated Substance Use** | Under Age 10 | 19 | 28 | 28 | 37 | 34 | 56 | 46 | 25 | 32 |
| | Rate Per 100,000 | 30.71 | 45.07 | 44.70 | 58.47 | 52.69 | 86.36 | 70.53 | 38.06 | 48.35 |
| | Age 11 to 12 | 37 | 43 | 59 | 80 | 75 | 91 | 64 | 54 | 49 |
| | Rate Per 100,000 | 59.80 | 69.21 | 94.19 | 126.42 | 116.22 | 140.33 | 98.13 | 82.21 | 74.04 |
| | Age 13 to 14 | 103 | 99 | 129 | 155 | 133 | 132 | 116 | 102 | 71 |
| | Rate Per 100,000 | 166.46 | 159.34 | 205.94 | 244.94 | 206.09 | 203.56 | 177.85 | 155.28 | 107.28 |
| | Age 15 to 17 | 95 | 155 | 156 | 171 | 172 | 207 | 170 | 145 | 103 |
| | Rate Per 100,000 | 61.41 | 99.79 | 99.62 | 108.09 | 106.61 | 127.69 | 104.26 | 88.30 | 62.25 |
| | Age 18 to 20 | 37 | 72 | 65 | 66 | 103 | 109 | 75 | 64 | 46 |
| | Rate Per 100,000 | 59.80 | 115.88 | 103.77 | 104.30 | 159.61 | 168.09 | 114.99 | 97.43 | 69.50 |
| | Age 21 and Older | 54 | 74 | 55 | 64 | 83 | 99 | 76 | 84 | 53 |
| | Rate Per 100,000 | 87.27 | 119.10 | 87.80 | 101.14 | 128.61 | 152.67 | 116.53 | 127.88 | 80.08 |
| **IV Drug Users** | Number | 43 | 61 | 65 | 86 | 83 | 93 | 56 | 48 | 32 |
| | Rate Per 100,000 | 69.49 | 98.18 | 103.77 | 135.90 | 128.61 | 143.42 | 85.86 | 73.07 | 48.35 |
| **Pregnant** | Number | 5 | 10 | 3 | 10 | 9 | 21 | 15 | 13 | 2 |
| | Female Population | 29,439 | 29,564 | 29,822 | 30,146 | 30,768 | 30,937 | 31,133 | 31,375 | 31,634 |
| | Rate Per 100,000 | 16.98 | 33.82 | 10.06 | 33.17 | 29.25 | 67.88 | 48.18 | 41.43 | 6.32 |

**Figure 2.6**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Age of Substance Use Initiation Rate per 100,000 Population

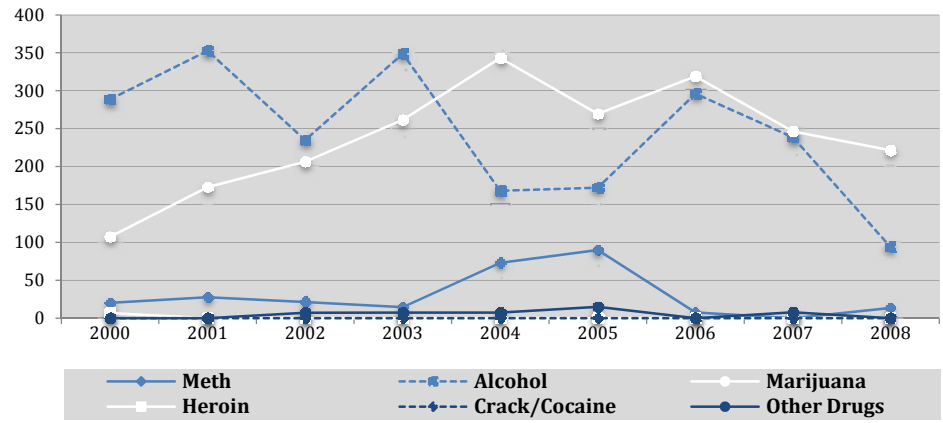


# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table 2.7**
AOD Treatment Admissions in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population 0 to 17 Years

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ADMISSIONS UNDER AGE 18** | 63 | 80 | 66 | 87 | 81 | 73 | 82 | 64 | 49 |
| **Methamphetamines** | 3 | 4 | 3 | 2 | 10 | 12 | 1 | 0 | 2 |
| Population 0 to 17 | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Percent of Total | 4.8% | 5.0% | 4.5% | 2.3% | 12.3% | 16.4% | 1.2% | 0.0% | 4.1% |
| Rate per 100,000 | 20.13 | 27.66 | 21.34 | 14.53 | 73.00 | 89.84 | 7.59 | 0.00 | 13.42 |
| **Alcohol** | 43 | 51 | 33 | 48 | 23 | 23 | 39 | 31 | 14 |
| Population 0 to 17 | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Percent of Total | 68.3% | 63.8% | 50.0% | 55.2% | 28.4% | 31.5% | 47.6% | 48.4% | 28.6% |
| Rate per 100,000 | 288.57 | 352.72 | 234.79 | 348.84 | 167.91 | 172.19 | 296.06 | 238.48 | 93.95 |
| **Marijuana** | 16 | 25 | 29 | 36 | 47 | 36 | 42 | 32 | 33 |
| Population 0 to 17 | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Percent of Total | 25.4% | 31.3% | 43.9% | 41.4% | 58.0% | 49.3% | 51.2% | 50.0% | 67.3% |
| Rate per 100,000 | 107.38 | 172.90 | 206.33 | 261.63 | 343.12 | 269.52 | 318.83 | 246.17 | 221.46 |
| **Heroin** | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 0 to 17 | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Percent of Total | 1.6% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Rate per 100,000 | 6.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Crack/Cocaine** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 0 to 17 | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Other Drugs** | 0 | 0 | 1 | 1 | 1 | 2 | 0 | 1 | 0 |
| Population 0 to 17 | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 | 14,901 |
| Percent of Total | 0.0% | 0.0% | 1.5% | 1.1% | 1.2% | 2.7% | 0.0% | 1.6% | 0.0% |
| Rate per 100,000 | 0.00 | 0.00 | 7.11 | 7.27 | 7.30 | 14.97 | 0.00 | 7.69 | 0.00 |

**Figure 2.7**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Underage Treatment Admission Rate per 100,000 Population 0 to 17 by Primary Drug Type



# Indicator 2: Admissions to Alcohol and Other Drug Treatment
(Continued)

**Table 2.8**
AOD Treatment Admissions among Youth Under Age 18 in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Client Gender and Race/Ethnicity, Rate per 100,000 Population 0 to 17 Years, and Percent of Total Admissions

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ADMISSIONS UNDER AGE 18** | 63 | 80 | 66 | 87 | 81 | 73 | 82 | 64 | 49 |
| **Male** | 43 | 51 | 52 | 61 | 50 | 35 | 59 | 41 | 31 |
| Population 0 to 17 | 5,296 | 5,123 | 4,981 | 4,874 | 4,880 | 4,734 | 4,684 | 4,636 | 4,598 |
| Rate per 100,000 | 811.93 | 995.51 | 1,043.97 | 1,251.54 | 1,024.59 | 739.33 | 1,259.61 | 884.38 | 674.21 |
| Percent of Total | 68.3% | 63.8% | 78.8% | 70.1% | 61.7% | 47.9% | 72.0% | 64.1% | 63.3% |
| **Female** | 20 | 29 | 14 | 26 | 31 | 38 | 23 | 23 | 18 |
| Population 0 to 17 | 4,905 | 4,738 | 4,622 | 4,515 | 4,550 | 4,450 | 4,429 | 4,395 | 4,389 |
| Rate per 100,000 | 407.75 | 612.07 | 302.90 | 575.86 | 681.32 | 853.93 | 519.30 | 523.32 | 410.12 |
| Percent of Total | 31.7% | 36.3% | 21.2% | 29.9% | 38.3% | 52.1% | 28.0% | 35.9% | 36.7% |
| **American Indian** | 6 | 3 | 3 | 11 | 9 | 9 | 9 | 1 | 2 |
| Population 0 to 17 | 727 | 693 | 692 | 681 | 681 | 648 | 631 | 615 | 611 |
| Rate per 100,000 | 825.31 | 432.90 | 433.53 | 1,615.27 | 1,321.59 | 1,388.89 | 1,426.31 | 162.60 | 327.33 |
| Percent of Total | 9.5% | 3.8% | 4.5% | 12.6% | 11.1% | 12.3% | 11.0% | 1.6% | 4.1% |
| **Asian/Pacific Islander** | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Population 0 to 17 | 325 | 318 | 302 | 279 | 269 | 251 | 240 | 230 | 218 |
| Rate per 100,000 | 307.69 | 943.40 | 0.00 | 0.00 | 371.75 | 0.00 | 0.00 | 434.78 | 0.00 |
| Percent of Total | 1.6% | 3.8% | 0.0% | 0.0% | 1.2% | 0.0% | 0.0% | 1.6% | 0.0% |
| **Black** | 3 | 1 | 3 | 1 | 2 | 1 | 0 | 0 | 0 |
| Population 0 to 17 | 51 | 47 | 46 | 46 | 78 | 74 | 69 | 65 | 64 |
| Rate per 100,000 | 5,882.35 | 2,127.66 | 6,521.74 | 2,173.91 | 2,564.10 | 1,351.35 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 4.8% | 1.3% | 4.5% | 1.1% | 2.5% | 1.4% | 0.0% | 0.0% | 0.0% |
| **Hispanic** | 6 | 5 | 9 | 11 | 13 | 6 | 10 | 11 | 12 |
| Population 0 to 17 | 1,601 | 1,554 | 1,529 | 1,506 | 1,487 | 1,447 | 1,468 | 1,482 | 1,502 |
| Rate per 100,002310 | 374.77 | 321.75 | 588.62 | 730.41 | 874.24 | 414.65 | 681.20 | 742.24 | 798.93 |
| Percent of Total | 9.5% | 6.3% | 13.6% | 12.6% | 16.0% | 8.2% | 12.2% | 17.2% | 24.5% |
| **White** | 47 | 68 | 50 | 63 | 55 | 56 | 60 | 49 | 33 |
| Population 0 to 17 | 6,984 | 6,756 | 6,560 | 6,427 | 6,463 | 6,282 | 6,224 | 6,157 | 6,108 |
| Rate per 100,000 | 672.97 | 1,006.51 | 762.20 | 980.24 | 851.00 | 891.44 | 964.01 | 795.84 | 540.28 |
| Percent of Total | 74.6% | 85.0% | 75.8% | 72.4% | 67.9% | 76.7% | 73.2% | 76.6% | 67.3% |
| **Other** | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 2 | 2 |
| Percent of Total | 0.0% | 0.0% | 1.5% | 1.1% | 1.2% | 1.4% | 3.7% | 3.1% | 4.1% |

# Indicator 3: Arrests for Drug-Related Crime

The number of felony and misdemeanor arrests for drug crimes, including dangerous drugs, narcotics, marijuana, and other drug violations and rate per 100,000 population 10 to 69 years.

**Table 3.1**
Number of Arrests for Felony and Misdemeanor Drug Offenses and Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| Number of Drug-Related Arrests | 27 | 31 | 33 | 22 | 20 | 15 | 12 | 20 | 5 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 941.42 | 1,076.02 | 1,138.72 | 760.19 | 688.94 | 516.71 | 414.51 | 693.96 | 174.03 |
| CALIFORNIA Rate per 100,000 | 961.65 | 931.02 | 940.74 | 986.91 | 1,023.80 | 1,070.18 | 1,040.85 | 997.25 | 910.20 |

**Figure 3.1**
Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 with Comparison to Statewide Rates

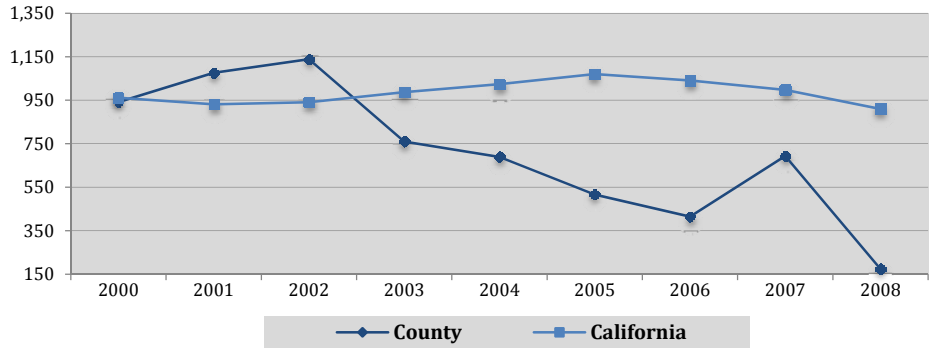
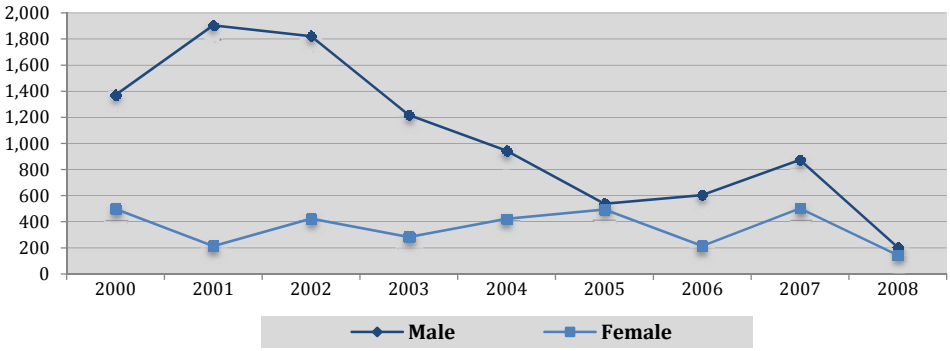



**Table 3.2**
Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 27 | 31 | 33 | 22 | 20 | 15 | 12 | 20 | 5 |
| **Male** | 20 | 28 | 27 | 18 | 14 | 8 | 9 | 13 | 3 |
| Population 10 to 69 | 1,459 | 1,470 | 1,482 | 1,479 | 1,484 | 1,486 | 1,490 | 1,487 | 1,480 |
| Rate per 100,000 | 1,370.80 | 1,904.76 | 1,821.86 | 1,217.04 | 943.40 | 538.36 | 604.03 | 874.24 | 202.70 |
| Percent of Total | 74.1% | 90.3% | 81.8% | 81.8% | 70.0% | 53.3% | 75.0% | 65.0% | 60.0% |
| **Female** | 7 | 3 | 6 | 4 | 6 | 7 | 3 | 7 | 2 |
| Population 10 to 69 | 1,409 | 1,411 | 1,416 | 1,415 | 1,419 | 1,417 | 1,405 | 1,395 | 1,393 |
| Rate per 100,000 | 496.81 | 212.62 | 423.73 | 282.69 | 422.83 | 494.00 | 213.52 | 501.79 | 143.58 |
| Percent of Total | 25.9% | 9.7% | 18.2% | 18.2% | 30.0% | 46.7% | 25.0% | 35.0% | 40.0% |

**Figure 3.2**
Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 by Offender Gender

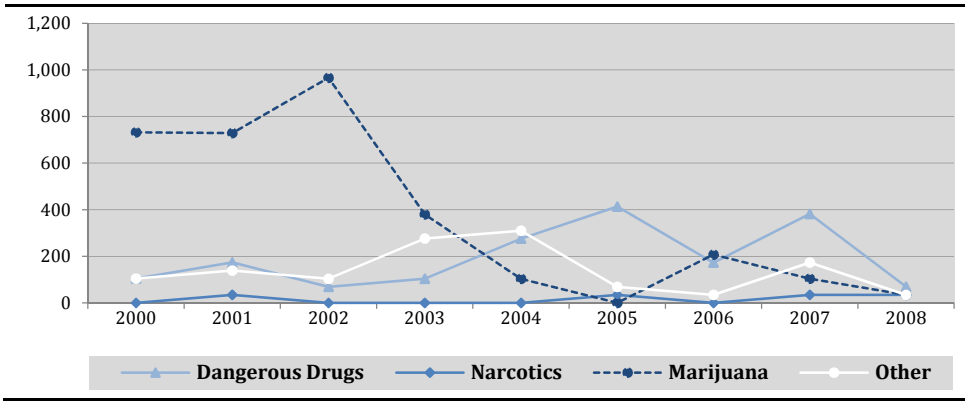


# Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.3**
Number of Arrests for Felony and Misdemeanor Drug Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 27 | 31 | 33 | 22 | 20 | 15 | 12 | 20 | 5 |
| **Dangerous Drugs** | 3 | 5 | 2 | 3 | 8 | 12 | 5 | 11 | 2 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 104.60 | 173.55 | 69.01 | 103.66 | 275.58 | 413.37 | 172.71 | 381.68 | 69.61 |
| Percent of Total | 11.1% | 16.1% | 6.1% | 13.6% | 40.0% | 80.0% | 41.7% | 55.0% | 40.0% |
| **Narcotics** | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 0.00 | 34.71 | 0.00 | 0.00 | 0.00 | 34.45 | 0.00 | 34.70 | 34.81 |
| Percent of Total | 0.0% | 3.2% | 0.0% | 0.0% | 0.0% | 6.7% | 0.0% | 5.0% | 20.0% |
| **Marijuana** | 21 | 21 | 28 | 11 | 3 | 0 | 6 | 3 | 1 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 732.22 | 728.91 | 966.18 | 380.10 | 103.34 | 0.00 | 207.25 | 104.09 | 34.81 |
| Percent of Total | 77.8% | 67.7% | 84.8% | 50.0% | 15.0% | 0.0% | 50.0% | 15.0% | 20.0% |
| **Other Drug Violations** | 3 | 4 | 3 | 8 | 9 | 2 | 1 | 5 | 1 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 104.60 | 138.84 | 103.52 | 276.43 | 310.02 | 68.89 | 34.54 | 173.49 | 34.81 |
| Percent of Total | 11.1% | 12.9% | 9.1% | 36.4% | 45.0% | 13.3% | 8.3% | 25.0% | 20.0% |

**Figure 3.3**
Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 by Specific Offense

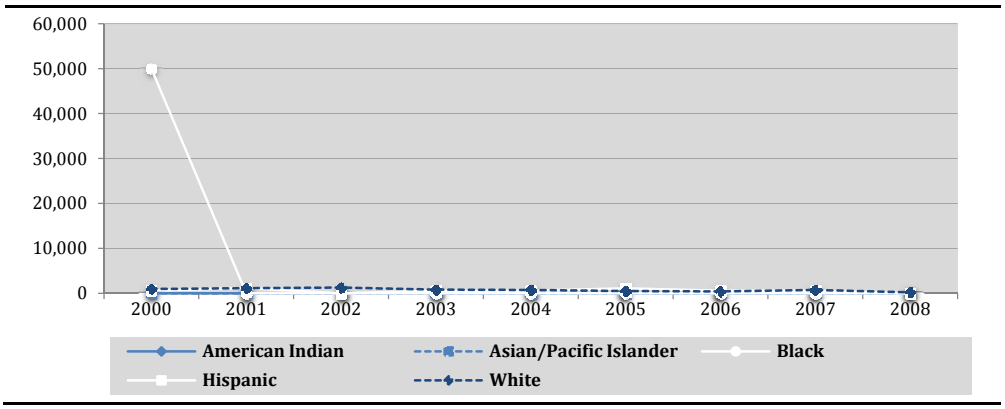


# Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.4**
Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 27 | 31 | 33 | 22 | 20 | 15 | 12 | 20 | 5 |
| **American Indian** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 69 | 55 | 56 | 56 | 57 | 57 | 56 | 56 | 56 | 56 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **Asian/Pacific Islander** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 69 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **Black** | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 69 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 |
| Rate per 100,000 | 50,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 3.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **Hispanic** | 1 | 2 | 0 | 1 | 1 | 2 | 1 | 1 | 0 |
| Population 10 to 69 | 167 | 170 | 175 | 177 | 179 | 184 | 185 | 185 | 187 |
| Rate per 100,000 | 598.80 | 1,176.47 | 0.00 | 564.97 | 558.66 | 1,086.96 | 540.54 | 540.54 | 0.00 |
| Percent of Total | 3.7% | 6.5% | 0.0% | 4.5% | 5.0% | 13.3% | 8.3% | 5.0% | 0.0% |
| **White** | 25 | 29 | 33 | 21 | 19 | 13 | 11 | 19 | 5 |
| Population 10 to 69 | 2,590 | 2,600 | 2,610 | 2,602 | 2,606 | 2,601 | 2,590 | 2,576 | 2,566 |
| Rate per 100,000 | 965.25 | 1,115.38 | 1,264.37 | 807.07 | 729.09 | 499.81 | 424.71 | 737.58 | 194.86 |
| Percent of Total | 92.6% | 93.5% | 100.0% | 95.5% | 95.0% | 86.7% | 91.7% | 95.0% | 100.0% |
| **Other** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

**Figure 3.4**
Sierra County Drug Arrest Rate per 100,000 Population 10 to 69 by Offender Race/ Ethnicity

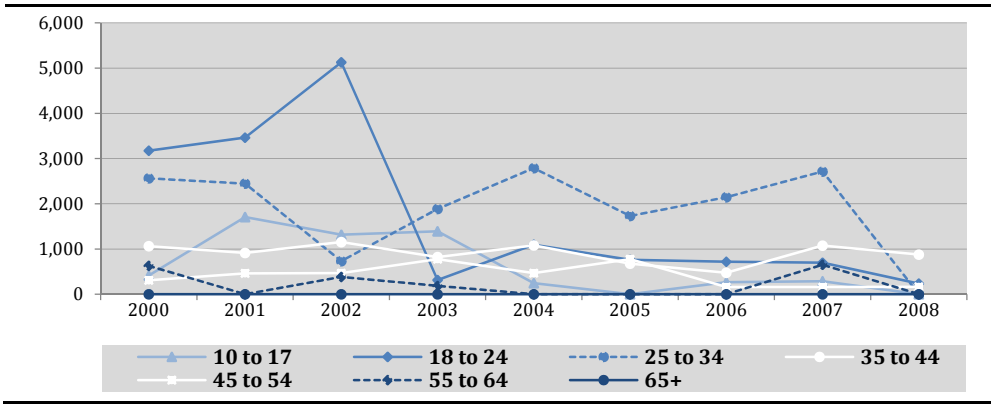


# Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.5**
Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Drug Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 27 | 31 | 33 | 22 | 20 | 15 | 12 | 20 | 5 |
| **17 Years and Under** | 2 | 8 | 6 | 6 | 1 | 0 | 1 | 1 | 0 |
| Population 10 to 17 | 481 | 469 | 456 | 431 | 410 | 404 | 377 | 348 | 330 |
| Rate per 100,000 | 415.80 | 1,705.76 | 1,315.79 | 1,392.11 | 243.90 | 0.00 | 265.25 | 287.36 | 0.00 |
| Percent of Total | 7.4% | 25.8% | 18.2% | 27.3% | 5.0% | 0.0% | 8.3% | 5.0% | 0.0% |
| **18 to 24 Years** | 6 | 8 | 14 | 1 | 4 | 3 | 3 | 3 | 1 |
| Population | 189 | 231 | 273 | 319 | 365 | 394 | 417 | 430 | 423 |
| Rate per 100,000 | 3,174.60 | 3,463.20 | 5,128.21 | 313.48 | 1,095.89 | 761.42 | 719.42 | 697.67 | 236.41 |
| Percent of Total | 22.2% | 25.8% | 42.4% | 4.5% | 20.0% | 20.0% | 25.0% | 15.0% | 20.0% |
| **25 to 34 Years** | 8 | 7 | 2 | 5 | 7 | 4 | 5 | 7 | 0 |
| Population | 312 | 286 | 273 | 265 | 251 | 231 | 233 | 258 | 294 |
| Rate per 100,000 | 2,564.10 | 2,447.55 | 732.60 | 1,886.79 | 2,788.84 | 1,731.60 | 2,145.92 | 2,713.18 | 0.00 |
| Percent of Total | 29.6% | 22.6% | 6.1% | 22.7% | 35.0% | 26.7% | 41.7% | 35.0% | 0.0% |
| **35 to 44 Years** | 6 | 5 | 6 | 4 | 5 | 3 | 2 | 4 | 3 |
| Population | 564 | 547 | 520 | 486 | 463 | 443 | 420 | 372 | 342 |
| Rate per 100,000 | 1,063.83 | 914.08 | 1,153.85 | 823.05 | 1,079.91 | 677.20 | 476.19 | 1,075.27 | 877.19 |
| Percent of Total | 22.2% | 16.1% | 18.2% | 18.2% | 25.0% | 20.0% | 16.7% | 20.0% | 60.0% |
| **45 to 54 Years** | 2 | 3 | 3 | 5 | 3 | 5 | 1 | 1 | 1 |
| Population | 647 | 649 | 642 | 643 | 641 | 645 | 625 | 627 | 603 |
| Rate per 100,000 | 309.12 | 462.25 | 467.29 | 777.60 | 468.02 | 775.19 | 160.00 | 159.49 | 165.84 |
| Percent of Total | 7.4% | 9.7% | 9.1% | 22.7% | 15.0% | 33.3% | 8.3% | 5.0% | 20.0% |
| **55 to 64 Years** | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 4 | 0 |
| Population | 477 | 496 | 522 | 544 | 555 | 554 | 588 | 612 | 638 |
| Rate per 100,000 | 628.93 | 0.00 | 383.14 | 183.82 | 0.00 | 0.00 | 0.00 | 653.59 | 0.00 |
| Percent of Total | 11.1% | 0.0% | 6.1% | 4.5% | 0.0% | 0.0% | 0.0% | 20.0% | 0.0% |
| **65 Years and Older** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 65 to 69 | 198 | 203 | 212 | 206 | 218 | 232 | 235 | 235 | 243 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

**Figure 3.5**
Sierra County Drug Arrest Rate per 100,000 Population by Offender Age Category



# Indicator 3: Arrests for Drug-Related Crime (Continued)

**Table 3.6**
Number of Arrests for Felony and Misdemeanor Drug Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Drug Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **ALL DRUG ARRESTS UNDER AGE 18** | 2 | 8 | 6 | 6 | 1 | 0 | 1 | 1 | 0 |
| **Male** | 1 | 7 | 5 | 4 | 0 | 0 | 1 | 1 | 0 |
| Population 10 to 17 | 264 | 256 | 252 | 248 | 235 | 228 | 213 | 190 | 173 |
| Rate per 100,000 | 378.79 | 2,734.38 | 1,984.13 | 1,612.90 | 0.00 | 0.00 | 469.48 | 526.32 | 0.00 |
| Percent of Total | 50.0% | 87.5% | 83.3% | 66.7% | 0.0% | #DIV/0! | 100.0% | 100.0% | #DIV/0! |
| **Female** | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 217 | 213 | 204 | 183 | 175 | 176 | 164 | 158 | 157 |
| Rate per 100,000 | 460.83 | 469.48 | 490.20 | 1,092.90 | 571.43 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 50.0% | 12.5% | 16.7% | 33.3% | 100.0% | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **American Indian** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 15 | 14 | 12 | 11 | 11 | 11 | 9 | 6 | 5 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **Asian/Pacific Islander** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **Black** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **Hispanic** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 39 | 42 | 44 | 45 | 42 | 46 | 46 | 42 | 38 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **White** | 2 | 8 | 6 | 6 | 1 | 0 | 1 | 1 | 0 |
| Population 10 to 17 | 408 | 394 | 380 | 357 | 340 | 331 | 306 | 285 | 274 |
| Rate per 100,000 | 490.20 | 2,030.46 | 1,578.95 | 1,680.67 | 294.12 | 0.00 | 326.80 | 350.88 | 0.00 |
| Percent of Total | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | #DIV/0! | 100.0% | 100.0% | #DIV/0! |
| **Other** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | #DIV/0! |

# Indicator 4: Arrests for Alcohol-Related Crime

The number of felony and misdemeanor arrests for driving-under-the-influence, drunkenness, and, liquor law violations and rate per 100,000 population 10 to 69 years.

**Table 4.1**
Number of Arrests for Felony and Misdemeanor Alcohol Offenses, Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| Number of Alcohol-Related Arrests | 83 | 73 | 79 | 95 | 82 | 111 | 119 | 95 | 85 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 2,894.00 | 2,533.84 | 2,726.02 | 3,282.65 | 2,824.66 | 3,823.63 | 4,110.54 | 3,296.32 | 2,958.58 |
| CALIFORNIA Rate per 100,000 | 1,238.01 | 1,167.40 | 1,126.00 | 1,129.17 | 1,087.87 | 1,045.21 | 1,123.22 | 1,159.68 | 1,203.37 |

**Figure 4.1**
Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 with Comparison to Statewide Rates

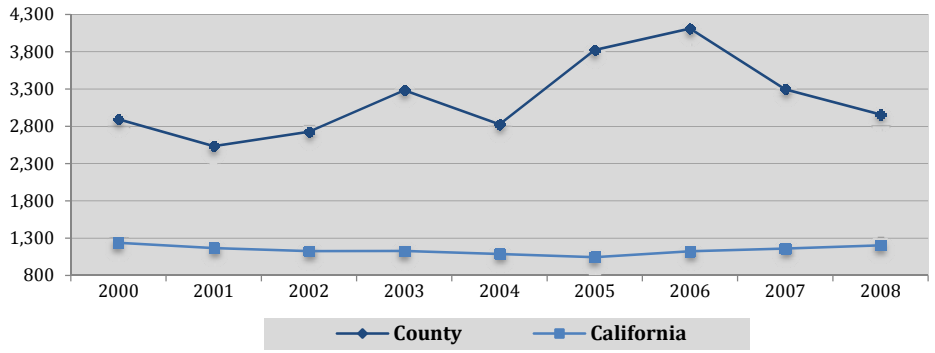
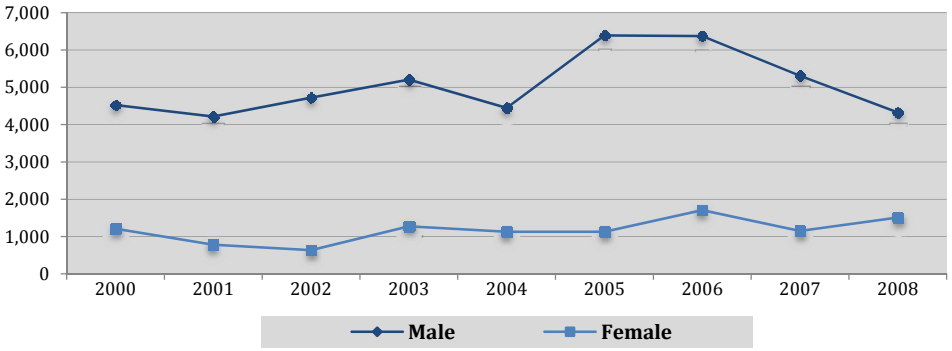



**Table 4.2**
Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 83 | 73 | 79 | 95 | 82 | 111 | 119 | 95 | 85 |
| **Male** | 66 | 62 | 70 | 77 | 66 | 95 | 95 | 79 | 64 |
| Population 10 to 69 | 1,459 | 1,470 | 1,482 | 1,479 | 1,484 | 1,486 | 1,490 | 1,487 | 1,480 |
| Rate per 100,000 | 4,523.65 | 4,217.69 | 4,723.35 | 5,206.22 | 4,447.44 | 6,393.00 | 6,375.84 | 5,312.71 | 4,324.32 |
| Percent of Total | 79.5% | 84.9% | 88.6% | 81.1% | 80.5% | 85.6% | 79.8% | 83.2% | 75.3% |
| **Female** | 17 | 11 | 9 | 18 | 16 | 16 | 24 | 16 | 21 |
| Population 10 to 69 | 1,409 | 1,411 | 1,416 | 1,415 | 1,419 | 1,417 | 1,405 | 1,395 | 1,393 |
| Rate per 100,000 | 1,206.53 | 779.59 | 635.59 | 1,272.08 | 1,127.55 | 1,129.15 | 1,708.19 | 1,146.95 | 1,507.54 |
| Percent of Total | 20.5% | 15.1% | 11.4% | 18.9% | 19.5% | 14.4% | 20.2% | 16.8% | 24.7% |

**Figure 4.2**
Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 by Offender Gender

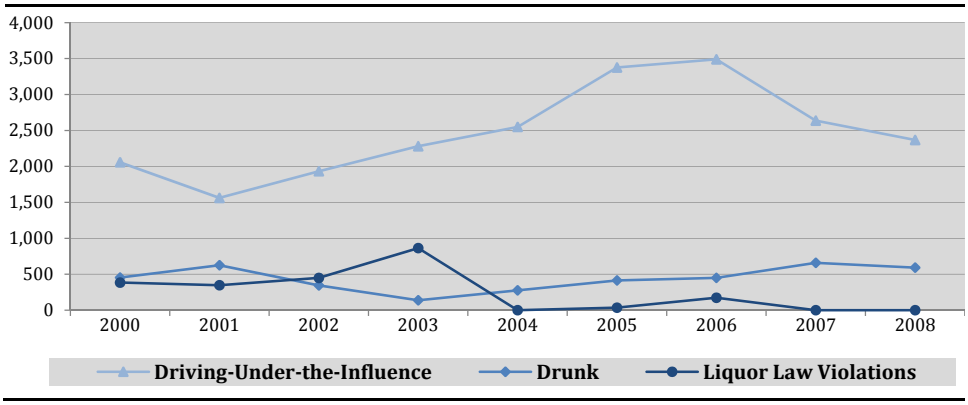


# Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.3**
Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 83 | 73 | 79 | 95 | 82 | 111 | 119 | 95 | 85 |
| **Driving-Under-the-Influence** | 59 | 45 | 56 | 66 | 74 | 98 | 101 | 76 | 68 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 2,057.18 | 1,561.96 | 1,932.37 | 2,280.58 | 2,549.09 | 3,375.82 | 3,488.77 | 2,637.06 | 2,366.86 |
| Percent of Total | 71.1% | 61.6% | 70.9% | 69.5% | 90.2% | 88.3% | 84.9% | 80.0% | 80.0% |
| **Drunk** | 13 | 18 | 10 | 4 | 8 | 12 | 13 | 19 | 17 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 453.28 | 624.78 | 345.07 | 138.22 | 275.58 | 413.37 | 449.05 | 659.26 | 591.72 |
| Percent of Total | 15.7% | 24.7% | 12.7% | 4.2% | 9.8% | 10.8% | 10.9% | 20.0% | 20.0% |
| **Liquor Law Violations** | 11 | 10 | 13 | 25 | 0 | 1 | 5 | 0 | 0 |
| Population 10 to 69 | 2,868 | 2,881 | 2,898 | 2,894 | 2,903 | 2,903 | 2,895 | 2,882 | 2,873 |
| Rate per 100,000 | 383.54 | 347.10 | 448.59 | 863.86 | 0.00 | 34.45 | 172.71 | 0.00 | 0.00 |
| Percent of Total | 13.3% | 13.7% | 16.5% | 26.3% | 0.0% | 0.9% | 4.2% | 0.0% | 0.0% |

**Figure 4.3**
Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 by Specific Offense

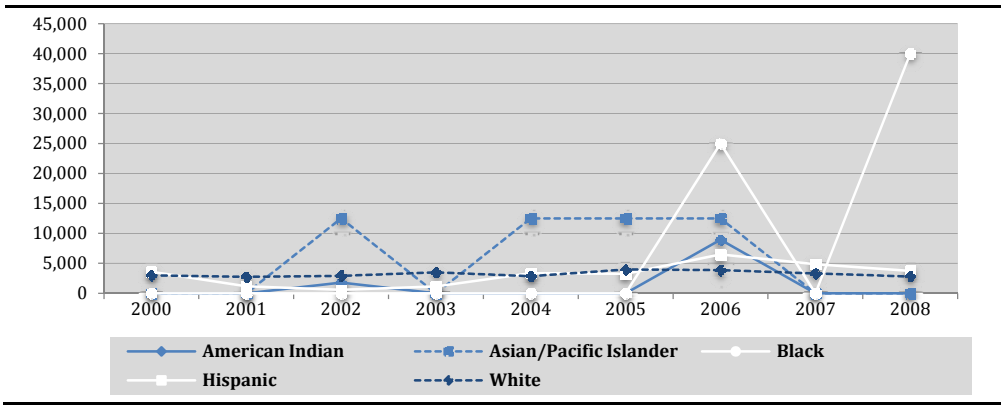


# Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.4**
Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 83 | 73 | 79 | 95 | 82 | 111 | 119 | 95 | 85 |
| **American Indian** | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 |
| Population 10 to 69 | 55 | 56 | 56 | 57 | 57 | 56 | 56 | 56 | 56 |
| Rate per 100,000 | 0.00 | 0.00 | 1,785.71 | 0.00 | 0.00 | 0.00 | 8,928.57 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 1.3% | 0.0% | 0.0% | 0.0% | 4.2% | 0.0% | 0.0% |
| **Asian/Pacific Islander** | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 0 |
| Population 10 to 69 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Rate per 100,000 | 0.00 | 0.00 | 12,500.00 | 0.00 | 12,500.00 | 12,500.00 | 12,500.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 1.3% | 0.0% | 1.2% | 0.9% | 0.8% | 0.0% | 0.0% |
| **Black** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| Population 10 to 69 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 5 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25,000.00 | 0.00 | 40,000.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.8% | 0.0% | 2.4% |
| **Hispanic** | 6 | 2 | 1 | 2 | 6 | 6 | 12 | 9 | 7 |
| Population 10 to 69 | 167 | 170 | 175 | 177 | 179 | 184 | 185 | 185 | 187 |
| Rate per 100,000 | 3,592.81 | 1,176.47 | 571.43 | 1,129.94 | 3,351.96 | 3,260.87 | 6,486.49 | 4,864.86 | 3,743.32 |
| Percent of Total | 7.2% | 2.7% | 1.3% | 2.1% | 7.3% | 5.4% | 10.1% | 9.5% | 8.2% |
| **White** | 77 | 71 | 76 | 91 | 74 | 103 | 100 | 85 | 72 |
| Population 10 to 69 | 2,590 | 2,600 | 2,610 | 2,602 | 2,606 | 2,601 | 2,590 | 2,576 | 2,566 |
| Rate per 100,000 | 2,972.97 | 2,730.77 | 2,911.88 | 3,497.31 | 2,839.60 | 3,960.02 | 3,861.00 | 3,299.69 | 2,805.92 |
| Percent of Total | 92.8% | 97.3% | 96.2% | 95.8% | 90.2% | 92.8% | 84.0% | 89.5% | 84.7% |
| **Other** | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 1 | 4 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 2.1% | 1.2% | 0.9% | 0.0% | 1.1% | 4.7% |

**Figure 4.4**
Sierra County Alcohol Arrest Rate per 100,000 Population 10 to 69 by Offender Race/ Ethnicity

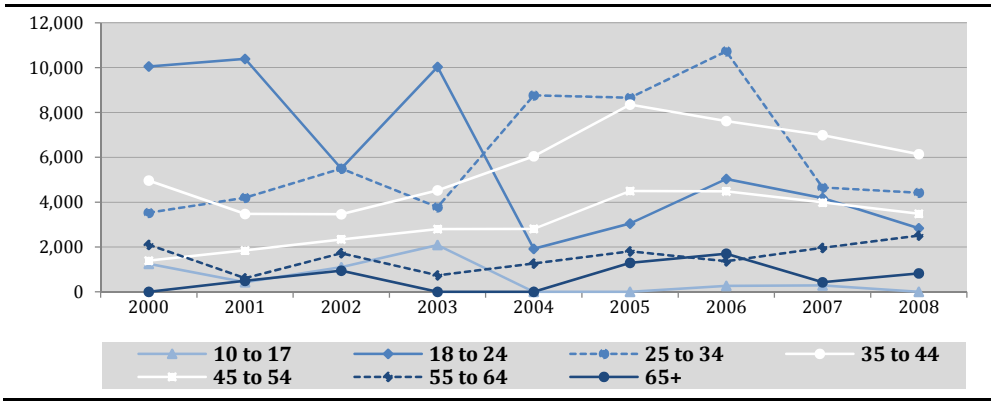


# Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.5**
Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Alcohol Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL ARRESTS** | 83 | 73 | 79 | 95 | 82 | 111 | 119 | 95 | 85 |
| **17 Years and Under** | 6 | 2 | 5 | 9 | 0 | 0 | 1 | 1 | 0 |
| Population 10 to 17 | 481 | 469 | 456 | 431 | 410 | 404 | 377 | 348 | 330 |
| Rate per 100,000 | 1,247.40 | 426.44 | 1,096.49 | 2,088.17 | 0.00 | 0.00 | 265.25 | 287.36 | 0.00 |
| Percent of Total | 7.2% | 2.7% | 6.3% | 9.5% | 0.0% | 0.0% | 0.8% | 1.1% | 0.0% |
| **18 to 24 Years** | 19 | 24 | 15 | 32 | 7 | 12 | 21 | 18 | 12 |
| Population | 189 | 231 | 273 | 319 | 365 | 394 | 417 | 430 | 423 |
| Rate per 100,000 | 10,052.91 | 10,389.61 | 5,494.51 | 10,031.35 | 1,917.81 | 3,045.69 | 5,035.97 | 4,186.05 | 2,836.88 |
| Percent of Total | 22.9% | 32.9% | 19.0% | 33.7% | 8.5% | 10.8% | 17.6% | 18.9% | 14.1% |
| **25 to 34 Years** | 11 | 12 | 15 | 10 | 22 | 20 | 25 | 12 | 13 |
| Population | 312 | 286 | 273 | 265 | 251 | 231 | 233 | 258 | 294 |
| Rate per 100,000 | 3,525.64 | 4,195.80 | 5,494.51 | 3,773.58 | 8,764.94 | 8,658.01 | 10,729.61 | 4,651.16 | 4,421.77 |
| Percent of Total | 13.3% | 16.4% | 19.0% | 10.5% | 26.8% | 18.0% | 21.0% | 12.6% | 15.3% |
| **35 to 44 Years** | 28 | 19 | 18 | 22 | 28 | 37 | 32 | 26 | 21 |
| Population | 564 | 547 | 520 | 486 | 463 | 443 | 420 | 372 | 342 |
| Rate per 100,000 | 4,964.54 | 3,473.49 | 3,461.54 | 4,526.75 | 6,047.52 | 8,352.14 | 7,619.05 | 6,989.25 | 6,140.35 |
| Percent of Total | 33.7% | 26.0% | 22.8% | 23.2% | 34.1% | 33.3% | 26.9% | 27.4% | 24.7% |
| **45 to 54 Years** | 9 | 12 | 15 | 18 | 18 | 29 | 28 | 25 | 21 |
| Population | 647 | 649 | 642 | 643 | 641 | 645 | 625 | 627 | 603 |
| Rate per 100,000 | 1,391.04 | 1,849.00 | 2,336.45 | 2,799.38 | 2,808.11 | 4,496.12 | 4,480.00 | 3,987.24 | 3,482.59 |
| Percent of Total | 10.8% | 16.4% | 19.0% | 18.9% | 22.0% | 26.1% | 23.5% | 26.3% | 24.7% |
| **55 to 64 Years** | 10 | 3 | 9 | 4 | 7 | 10 | 8 | 12 | 16 |
| Population | 477 | 496 | 522 | 544 | 555 | 554 | 588 | 612 | 638 |
| Rate per 100,000 | 2,096.44 | 604.84 | 1,724.14 | 735.29 | 1,261.26 | 1,805.05 | 1,360.54 | 1,960.78 | 2,507.84 |
| Percent of Total | 12.0% | 4.1% | 11.4% | 4.2% | 8.5% | 9.0% | 6.7% | 12.6% | 18.8% |
| **65 Years and Older** | 0 | 1 | 2 | 0 | 0 | 3 | 4 | 1 | 2 |
| Population 65 to 69 | 198 | 203 | 212 | 206 | 218 | 232 | 235 | 235 | 243 |
| Rate per 100,000 | 0.00 | 492.61 | 943.40 | 0.00 | 0.00 | 1,293.10 | 1,702.13 | 425.53 | 823.05 |
| Percent of Total | 0.0% | 1.4% | 2.5% | 0.0% | 0.0% | 2.7% | 3.4% | 1.1% | 2.4% |

**Figure 4.5**
Sierra County Alcohol Arrest Rate per 100,000 Population by Offender Age Category



# Indicator 4: Arrests for Alcohol-Related Crime (Continued)

**Table 4.6**
Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Alcohol Arrests

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **ALL ALCOHOL ARRESTS UNDER AGE 18** | 6 | 2 | 5 | 9 | 0 | 0 | 1 | 1 | 0 |
| **Male** | 5 | 2 | 5 | 8 | 0 | 0 | 0 | 1 | 0 |
| Population 10 to 17 | 264 | 256 | 252 | 248 | 235 | 228 | 213 | 190 | 173 |
| Rate per 100,000 | 1,893.94 | 781.25 | 1,984.13 | 3,225.81 | 0.00 | 0.00 | 0.00 | 526.32 | 0.00 |
| Percent of Total | 83.3% | 100.0% | 100.0% | 88.9% | #DIV/0! | #DIV/0! | 0.0% | 100.0% | #DIV/0! |
| **Female** | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Population 10 to 17 | 217 | 213 | 204 | 183 | 175 | 176 | 164 | 158 | 157 |
| Rate per 100,000 | 460.83 | 0.00 | 0.00 | 546.45 | 0.00 | 0.00 | 609.76 | 0.00 | 0.00 |
| Percent of Total | 16.7% | 0.0% | 0.0% | 11.1% | #DIV/0! | #DIV/0! | 100.0% | 0.0% | #DIV/0! |
| **American Indian** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 15 | 14 | 12 | 11 | 11 | 11 | 9 | 6 | 5 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **Asian/Pacific Islander** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 3 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **Black** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **Hispanic** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population 10 to 17 | 39 | 42 | 44 | 45 | 42 | 46 | 46 | 42 | 38 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | #DIV/0! | 0.0% | 0.0% | #DIV/0! |
| **White** | 6 | 2 | 5 | 9 | 0 | 0 | 1 | 1 | 0 |
| Population 10 to 17 | 408 | 394 | 380 | 357 | 340 | 331 | 306 | 285 | 274 |
| Rate per 100,000 | 1,470.59 | 507.61 | 1,315.79 | 2,521.01 | 0.00 | 0.00 | 326.80 | 350.88 | 0.00 |
| Percent of Total | 100.0% | 100.0% | 100.0% | 100.0% | #DIV/0! | #DIV/0! | 100.0% | 100.0% | #DIV/0! |
| **Other** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |

# Indicator 5: Alcohol-Involved Motor Vehicle Accidents

The number of alcohol-involved motor vehicle accidents and number of persons injured or killed and rate per 100,000 population

**Table 5.1**
Sierra County Fatalities in Alcohol-Involved Accidents and Rate per 100,000 Total Population with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| Number of Fatalities | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 1 |
| Total Population | 3,701 | 3,702 | 3,700 | 3,703 | 3,716 | 3,693 | 3,680 | 3,667 | 3,657 |
| Rate per 100,000 | 27.02 | 54.02 | 0.00 | 0.00 | 26.91 | 27.08 | 54.35 | 0.00 | 27.34 |
| CALIFORNIA Rate per 100,000 | 3.62 | 3.76 | 3.99 | 4.01 | 4.00 | 4.26 | 4.27 | 3.94 | 3.54 |

**Figure 5.1**
Sierra County Alcohol-Involved Accident Fatality Rate per 100,000 Total Population with Comparison to Statewide Rates

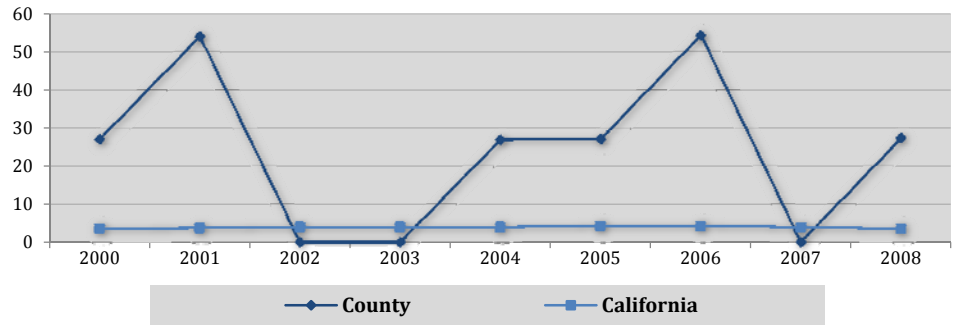
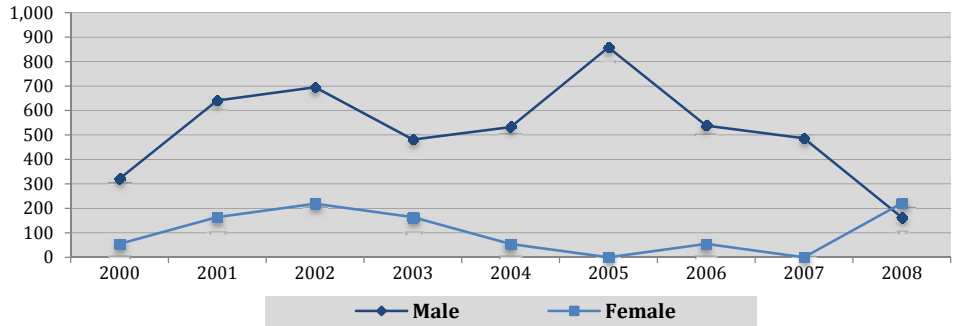



**Table 5.2**
Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Gender and Rate per 100,000 Population, and Percent of Total

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL 'HAD BEEN DRINKING' DRIVERS** | 7 | 15 | 17 | 12 | 11 | 16 | 11 | 9 | 7 |
| **Male** | 6 | 12 | 13 | 9 | 10 | 16 | 10 | 9 | 3 |
| Population | 1,871 | 1,873 | 1,871 | 1,870 | 1,878 | 1,865 | 1,858 | 1,849 | 1,844 |
| Rate per 100,000 | 320.68 | 640.68 | 694.82 | 481.28 | 532.48 | 857.91 | 538.21 | 486.75 | 162.69 |
| Percent of Total | 85.7% | 80.0% | 76.5% | 75.0% | 90.9% | 100.0% | 90.9% | 100.0% | 42.9% |
| **Female** | 1 | 3 | 4 | 3 | 1 | 0 | 1 | 0 | 4 |
| Population | 1,830 | 1,829 | 1,829 | 1,833 | 1,838 | 1,828 | 1,822 | 1,818 | 1,813 |
| Rate per 100,000 | 54.64 | 164.02 | 218.70 | 163.67 | 54.41 | 0.00 | 54.88 | 0.00 | 220.63 |
| Percent of Total | 14.3% | 20.0% | 23.5% | 25.0% | 9.1% | 0.0% | 9.1% | 0.0% | 57.1% |
| **Unknown** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

**Figure 5.2**
Sierra County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Gender

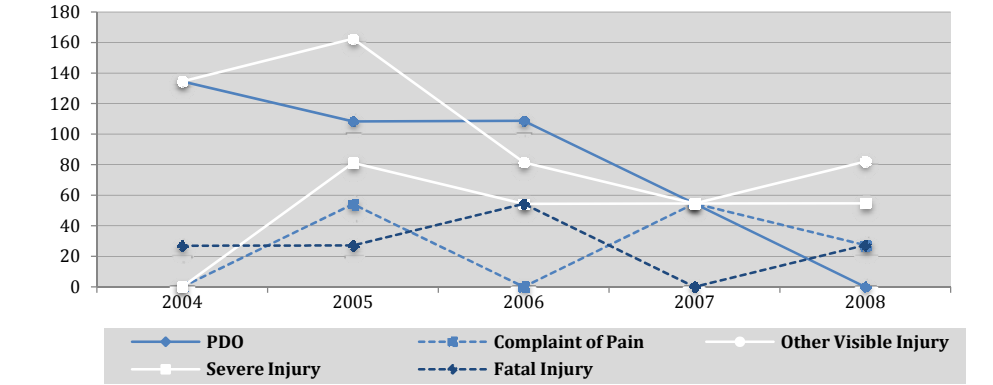


# Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

**Table 5.3**
Sierra County Alcohol-Involved Accidents by Injury Severity, Rate per 100,000 Total Population, and Percent of Total

| | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|
| **TOTAL ALCOHOL-INVOLVED ACCIDENTS** | 11 | 16 | 11 | 8 | 7 |
| **Property Damage Only (PDO)** | 5 | 4 | 4 | 2 | 0 |
| Total Population | 3,716 | 3,693 | 3,680 | 3,667 | 3,657 |
| Rate per 100,000 | 134.55 | 108.31 | 108.70 | 54.54 | 0.00 |
| Percent of Total | 45.5% | 25.0% | 36.4% | 25.0% | 0.0% |
| **Injury – Complaint of Pain** | 0 | 2 | 0 | 2 | 1 |
| Total Population | 3,716 | 3,693 | 3,680 | 3,667 | 3,657 |
| Rate per 100,000 | 0.00 | 54.16 | 0.00 | 54.54 | 27.34 |
| Percent of Total | 0.0% | 12.5% | 0.0% | 25.0% | 14.3% |
| **Injury – Other Visible** | 5 | 6 | 3 | 2 | 3 |
| Total Population | 3,716 | 3,693 | 3,680 | 3,667 | 3,657 |
| Rate per 100,000 | 134.55 | 162.47 | 81.52 | 54.54 | 82.03 |
| Percent of Total | 45.5% | 37.5% | 27.3% | 25.0% | 42.9% |
| **Injury – Severe** | 0 | 3 | 2 | 2 | 2 |
| Total Population | 3,716 | 3,693 | 3,680 | 3,667 | 3,657 |
| Rate per 100,000 | 0.00 | 81.23 | 54.35 | 54.54 | 54.69 |
| Percent of Total | 0.0% | 18.8% | 18.2% | 25.0% | 28.6% |
| **Injury – Fatal** | 1 | 1 | 2 | 0 | 1 |
| Total Population | 3,716 | 3,693 | 3,680 | 3,667 | 3,657 |
| Rate per 100,000 | 26.91 | 27.08 | 54.35 | 0.00 | 27.34 |
| Percent of Total | 9.1% | 6.3% | 18.2% | 0.0% | 14.3% |

**Figure 5.3**
Sierra County Alcohol-Involved Accident Rate per 100,000 Total Population, by Injury Severity

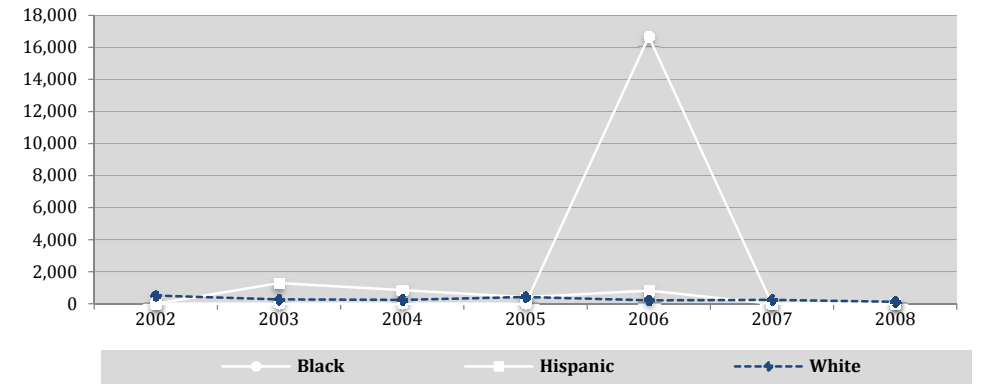


# Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

**Table 5.4**
Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Race/Ethnicity, Rate per 100,000 Population, and Percent of Total

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|
| **TOTAL 'HAD BEEN DRINKING' DRIVERS** | 17 | 12 | 11 | 16 | 11 | 9 | 7 |
| **Black** | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Population | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 16666.67 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 9.1% | 0.0% | 0.0% |
| **Hispanic** | 0 | 3 | 2 | 1 | 2 | 0 | 0 |
| Population | 231 | 233 | 236 | 241 | 243 | 245 | 247 |
| Rate per 100,000 | 0.00 | 1287.55 | 847.46 | 414.94 | 823.05 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 25.0% | 18.2% | 6.3% | 18.2% | 0.0% | 0.0% |
| **White** | 17 | 9 | 8 | 14 | 7 | 8 | 4 |
| Population | 3,328 | 3,328 | 3,336 | 3,307 | 3,292 | 3,277 | 3,265 |
| Rate per 100,000 | 510.82 | 270.43 | 239.81 | 423.34 | 212.64 | 244.13 | 122.51 |
| Percent of Total | 100.0% | 75.0% | 72.7% | 87.5% | 63.6% | 88.9% | 57.1% |
| **Other/Unknown** | 0 | 0 | 1 | 1 | 1 | 1 | 3 |
| Percent of Total | 0.0% | 0.0% | 9.1% | 6.3% | 9.1% | 11.1% | 42.9% |

**Figure 5.4**
Sierra County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Race/ Ethnicity

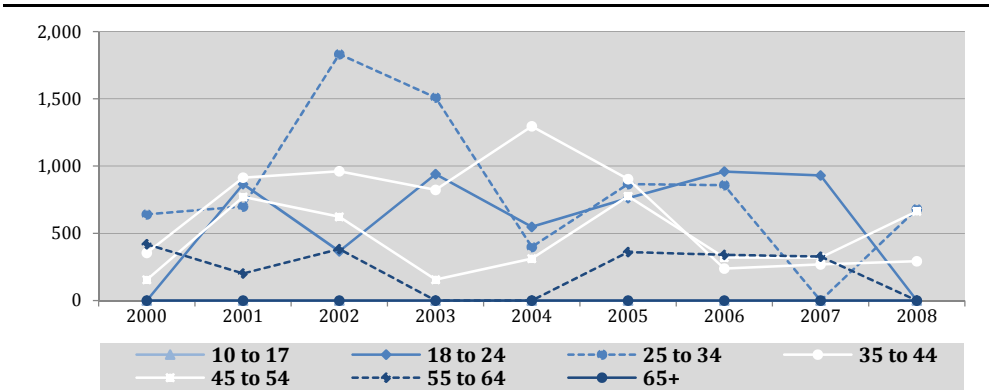


# Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

**Table 5.5**
Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Age Category and Rate per 100,000 Population, and Percent of Total

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
|---|---|---|---|---|---|---|---|---|---|
| **TOTAL 'HAD BEEN DRINKING' DRIVERS** | 7 | 15 | 17 | 12 | 11 | 16 | 11 | 9 | 7 |
| **17 Years and Under** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 862 | 817 | 777 | 739 | 696 | 666 | 634 | 599 | 574 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **18 to 24 Years** | 0 | 2 | 1 | 3 | 2 | 3 | 4 | 4 | 0 |
| Population | 189 | 231 | 273 | 319 | 365 | 394 | 417 | 430 | 423 |
| Rate per 100,000 | 0.00 | 865.80 | 366.30 | 940.44 | 547.95 | 761.42 | 959.23 | 930.23 | 0.00 |
| Percent of Total | 0.0% | 13.3% | 5.9% | 25.0% | 18.2% | 18.8% | 36.4% | 44.4% | 0.0% |
| **25 to 34 Years** | 2 | 2 | 5 | 4 | 1 | 2 | 2 | 0 | 2 |
| Population | 312 | 286 | 273 | 265 | 251 | 231 | 233 | 258 | 294 |
| Rate per 100,000 | 641.03 | 699.30 | 1,831.50 | 1,509.43 | 398.41 | 865.80 | 858.37 | 0.00 | 680.27 |
| Percent of Total | 28.6% | 13.3% | 29.4% | 33.3% | 9.1% | 12.5% | 18.2% | 0.0% | 28.6% |
| **35 to 44 Years** | 2 | 5 | 5 | 4 | 6 | 4 | 1 | 1 | 1 |
| Population | 564 | 547 | 520 | 486 | 463 | 443 | 420 | 372 | 342 |
| Rate per 100,000 | 354.61 | 914.08 | 961.54 | 823.05 | 1,295.90 | 902.93 | 238.10 | 268.82 | 292.40 |
| Percent of Total | 28.6% | 33.3% | 29.4% | 33.3% | 54.5% | 25.0% | 9.1% | 11.1% | 14.3% |
| **45 to 54 Years** | 1 | 5 | 4 | 1 | 2 | 5 | 2 | 2 | 4 |
| Population | 647 | 649 | 642 | 643 | 641 | 645 | 625 | 627 | 603 |
| Rate per 100,000 | 154.56 | 770.42 | 623.05 | 155.52 | 312.01 | 775.19 | 320.00 | 318.98 | 663.35 |
| Percent of Total | 14.3% | 33.3% | 23.5% | 8.3% | 18.2% | 31.3% | 18.2% | 22.2% | 57.1% |
| **55 to 64 Years** | 2 | 1 | 2 | 0 | 0 | 2 | 2 | 2 | 0 |
| Population | 477 | 496 | 522 | 544 | 555 | 554 | 588 | 612 | 638 |
| Rate per 100,000 | 419.29 | 201.61 | 383.14 | 0.00 | 0.00 | 361.01 | 340.14 | 326.80 | 0.00 |
| Percent of Total | 28.6% | 6.7% | 11.8% | 0.0% | 0.0% | 12.5% | 18.2% | 22.2% | 0.0% |
| **65 Years and Older** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 650 | 676 | 693 | 707 | 745 | 760 | 763 | 769 | 783 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| **Other/Unknown** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Total | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |

**Figure 5.5**
Sierra County 'Had Been Drinking' Driver Rate per 100,000 Population, by Party Age Category



# Indicator 6: Hospitalizations Due to Alcohol and Drug Use

The number of hospital admissions due to alcohol and drug-related causes and rate per 100,000 population.

**Table 6.1**
Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| Number of Hospitalizations | 135 | 129 | 134 | 164 | 151 | 145 | 138 | 129 |
| Total Population | 61,877 | 62,131 | 62,641 | 63,281 | 64,534 | 64,846 | 65,222 | 65,687 |
| Rate per 100,000 | 218.17 | 207.63 | 213.92 | 259.16 | 233.99 | 223.61 | 211.59 | 196.39 |
| CALIFORNIA Rate per 100,000 | 222.67 | 218.35 | 217.21 | 215.37 | 211.97 | 204.50 | 201.00 | 205.44 |

**Figure 6.1**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Alcohol- *and* Drug-Related Hospitalization Rate per 100,000 Total Population with Comparison to Statewide Rates

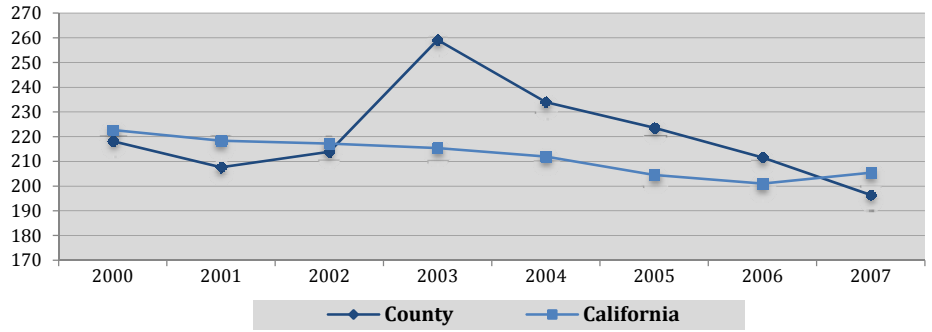
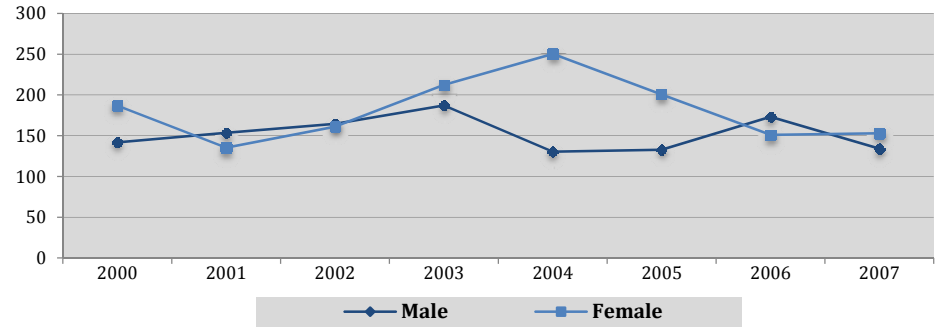



**Table 6.2**
Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Patient Gender, Rate per 100,000 Population, and Percent of Total Hospitalizations

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **AOD HOSPITALIZATIONS** | 135 | 129 | 134 | 164 | 151 | 145 | 138 | 129 |
| **Male** | 46 | 50 | 54 | 62 | 44 | 45 | 59 | 46 |
| Population | 32,438 | 32,567 | 32,819 | 33,135 | 33,766 | 33,909 | 34,089 | 34,312 |
| Rate per 100,000 | 141.81 | 153.53 | 164.54 | 187.11 | 130.31 | 132.71 | 173.08 | 134.06 |
| Percent of Total | 34.07% | 38.76% | 40.30% | 37.80% | 29.14% | 31.03% | 42.75% | 35.66% |
| **Female** | 55 | 40 | 48 | 64 | 77 | 62 | 47 | 48 |
| Population | 29,439 | 29,564 | 29,822 | 30,146 | 30,768 | 30,937 | 31,133 | 31,375 |
| Rate per 100,000 | 186.83 | 135.30 | 160.95 | 212.30 | 250.26 | 200.41 | 150.97 | 152.99 |
| Percent of Total | 40.74% | 31.01% | 35.82% | 39.02% | 50.99% | 42.76% | 34.06% | 37.21% |
| **Unknown** | 34 | 39 | 32 | 38 | 30 | 38 | 32 | 35 |
| Percent of Total | 25.19% | 30.23% | 23.88% | 23.17% | 19.87% | 26.21% | 23.19% | 27.13% |

**Figure 6.2**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties AOD-Related Hospitalization Rate per 100,000 Population by Patient Gender



# Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.3**
Hospitalizations Due to *Alcohol*-Related Causes in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| Number of Hospitalizations | 49 | 39 | 49 | 61 | 40 | 48 | 55 | 41 |
| Total Population | 61,877 | 62,131 | 62,641 | 63,281 | 64,534 | 64,846 | 65,222 | 65,687 |
| Rate per 100,000 | 79.19 | 62.77 | 78.22 | 96.40 | 61.98 | 74.02 | 84.33 | 62.42 |
| CALIFORNIA Rate per 100,000 | 101.28 | 97.26 | 93.96 | 89.36 | 88.54 | 85.10 | 88.17 | 91.05 |

**Figure 6.3**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Alcohol -Related Hospitalization Rate per 100,000 Total Population with Comparison to Statewide Rates

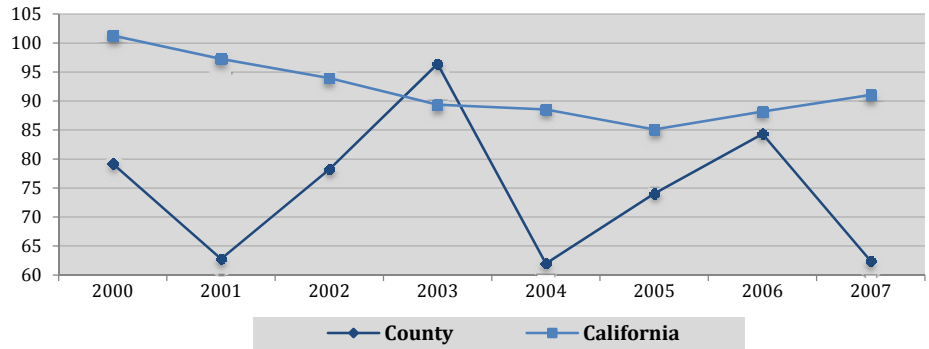
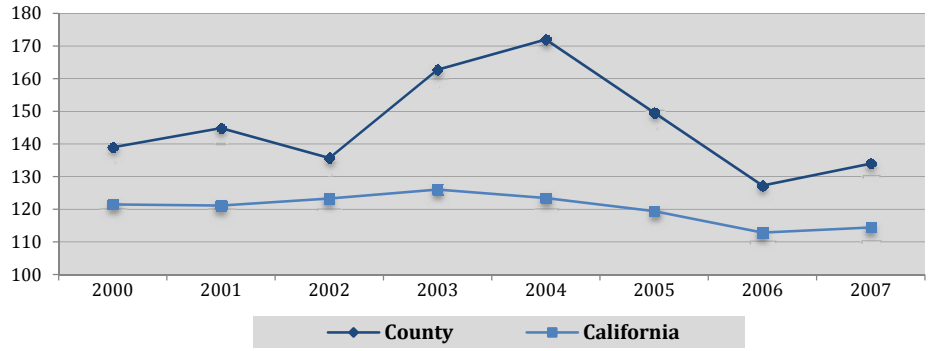



**Table 6.4**
Hospitalizations Due to *Drug*-Related Causes in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties and Rate per 100,000 Total Population with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| Number of Hospitalizations | 86 | 90 | 85 | 103 | 111 | 97 | 83 | 88 |
| Total Population | 61,877 | 62,131 | 62,641 | 63,281 | 64,534 | 64,846 | 65,222 | 65,687 |
| Rate per 100,000 | 138.99 | 144.86 | 135.69 | 162.77 | 172.00 | 149.59 | 127.26 | 133.97 |
| CALIFORNIA Rate per 100,000 | 121.44 | 121.12 | 123.27 | 126.04 | 123.43 | 119.40 | 112.84 | 114.39 |

**Figure 6.4**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties Drug -Related Hospitalization Rate per 100,000 Total Population with Comparison to Statewide Rates



# Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.5**
Hospitalizations Due to *Alcohol*-Related Causes in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Specific Cause and Rate per 100,000 Total Population

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL ALCOHOL-RELATED HOSPITALIZATIONS** | 49 | 39 | 49 | 61 | 40 | 48 | 55 | 41 |
| **Alcohol Abuse** | 1 | 4 | 1 | 3 | 2 | 1 | 0 | 4 |
| Rate per 100,000 | 1.62 | 6.44 | 1.60 | 4.74 | 3.10 | 3.41 | 0.00 | 13.35 |
| **Alcohol Cardiomyopathy** | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | 10.11 | 3.34 |
| **Alcohol Dependence Syndrome** | 1 | 0 | 1 | 0 | 1 | 0 | 6 | 0 |
| Rate per 100,000 | 1.62 | 0.00 | 1.60 | 0.00 | 1.55 | 0.00 | 20.23 | 0.00 |
| **Alcohol Dependent Abuse** | 2 | 6 | 2 | 7 | 1 | 3 | 2 | 2 |
| Rate per 100,000 | 1.29 | 3.86 | 1.28 | 4.42 | 0.62 | 4.09 | 2.70 | 2.67 |
| **Alcohol Poisoning** | 3 | 4 | 2 | 1 | 2 | 3 | 2 | 0 |
| Rate per 100,000 | 4.85 | 6.44 | 3.19 | 1.58 | 3.10 | 10.22 | 6.74 | 0.00 |
| **Alcohol Polyneuropathy** | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 1.60 | 0.00 | 0.00 | 0.00 | 6.74 | 0.00 |
| **Alcohol Psychosis** | 13 | 12 | 13 | 29 | 9 | 10 | 16 | 21 |
| Rate per 100,000 | 21.01 | 19.31 | 20.75 | 45.83 | 13.95 | 34.08 | 53.94 | 70.07 |
| **Alcoholic Gastritis** | 3 | 1 | 4 | 5 | 4 | 2 | 5 | 1 |
| Rate per 100,000 | 4.85 | 1.61 | 6.39 | 7.90 | 6.20 | 6.82 | 16.86 | 3.34 |
| **Alcoholic Liver Disease** | 26 | 12 | 25 | 16 | 21 | 28 | 19 | 12 |
| Rate per 100,000 | 42.02 | 19.31 | 39.91 | 25.28 | 32.54 | 95.43 | 64.06 | 40.04 |
| **Fetal Alcohol Syndrome** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.6**
Hospitalizations Due to *Drug*-Related Causes in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Specific Cause and Rate per 100,000 Total Population

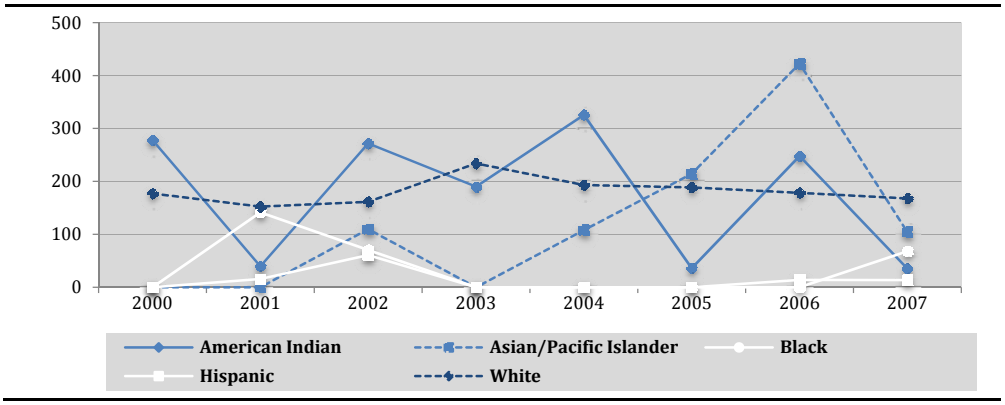
| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL DRUG-RELATED HOSPITALIZATIONS** | 86 | 90 | 85 | 103 | 111 | 97 | 83 | 88 |
| **Drug Psychosis** | 6 | 8 | 11 | 12 | 7 | 11 | 3 | 12 |
| Rate per 100,000 | 9.70 | 12.88 | 17.56 | 18.96 | 10.85 | 37.49 | 10.11 | 18.27 |
| **Drug Polyneuropathy** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ***Dependence*** | | | | | | | | |
| **Barbituates** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Cannabis** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Cocaine** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Hallucinogen** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Inhalant** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Morphine** | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 |
| Rate per 100,000 | 0.00 | 1.61 | 3.19 | 3.16 | 0.00 | 3.41 | 0.00 | 0.00 |
| **Stimulant** | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 3.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Combination** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Unspecified** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Maternal Drug Dependence** | 5 | 0 | 1 | 1 | 2 | 3 | 2 | 1 |
| Rate per 100,000 | 8.08 | 0.00 | 1.60 | 1.58 | 3.10 | 10.22 | 6.74 | 1.52 |
| ***Abuse*** | | | | | | | | |
| **Amphetamine** | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 0 |
| Rate per 100,000 | 1.62 | 1.61 | 0.00 | 1.58 | 1.55 | 0.00 | 6.74 | 0.00 |
| **Antidepressant** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Cannabis** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.37 | 0.00 |
| **Cocaine** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Hallucinogen** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Morphine** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Sedative** | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 1.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Other, Mixed or Unspecified** | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 1.58 | 0.00 | 3.41 | 0.00 | 1.52 |
| **Accidental Drug Poisonings** | 30 | 26 | 30 | 42 | 48 | 53 | 44 | 38 |
| Rate per 100,000 | 48.48 | 41.85 | 47.89 | 66.37 | 74.38 | 180.63 | 148.34 | 57.85 |
| **Other Drug Poisonings** | 1 | 14 | 9 | 14 | 8 | 3 | 6 | 11 |
| Rate per 100,000 | 1.62 | 22.53 | 14.37 | 22.12 | 12.40 | 10.22 | 20.23 | 16.75 |
| **Self-Inflicted Drug Poisonings** | 43 | 39 | 30 | 30 | 45 | 25 | 25 | 24 |
| Rate per 100,000 | 69.49 | 62.77 | 47.89 | 47.41 | 69.73 | 85.20 | 84.28 | 36.54 |
| **Drug Exposure in Newborns** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.52 |
| **Fetal Damage due to Maternal Drug Use** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.7**
Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Patient Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Hospitalizations

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL AOD-RELATED HOSPITALIZATIONS** | 135 | 129 | 134 | 164 | 151 | 145 | 138 | 129 |
| **American Indian** | 7 | 1 | 7 | 5 | 9 | 1 | 7 | 1 |
| Population | 2,519 | 2,533 | 2,578 | 2,632 | 2,764 | 2,782 | 2,824 | 2,866 |
| Rate per 100,000 | 277.89 | 39.48 | 271.53 | 189.97 | 325.62 | 35.95 | 247.88 | 34.89 |
| Percent of Total | 5.2% | 0.8% | 5.2% | 3.0% | 6.0% | 0.7% | 5.1% | 0.8% |
| **Asian/Pacific Islander** | 0 | 0 | 1 | 0 | 1 | 2 | 4 | 1 |
| Population | 892 | 904 | 911 | 915 | 927 | 933 | 947 | 960 |
| Rate per 100,000 | 0.00 | 0.00 | 109.77 | 0.00 | 107.87 | 214.36 | 422.39 | 104.17 |
| Percent of Total | 0.0% | 0.0% | 0.7% | 0.0% | 0.7% | 1.4% | 2.9% | 0.8% |
| **Black** | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 1 |
| Population | 1,412 | 1,414 | 1,419 | 1,423 | 1,469 | 1,472 | 1,472 | 1,471 |
| Rate per 100,000 | 0.00 | 141.44 | 70.47 | 0.00 | 0.00 | 0.00 | 0.00 | 67.98 |
| Percent of Total | 0.0% | 1.6% | 0.7% | 0.0% | 0.0% | 0.0% | 0.0% | 0.8% |
| **Hispanic** | 0 | 1 | 4 | 0 | 0 | 0 | 1 | 1 |
| Population | 6,379 | 6,447 | 6,585 | 6,740 | 6,962 | 7,065 | 7,236 | 7,387 |
| Rate per 100,000 | 0.00 | 15.51 | 60.74 | 0.00 | 0.00 | 0.00 | 13.82 | 13.54 |
| Percent of Total | 0.0% | 0.8% | 3.0% | 0.0% | 0.0% | 0.0% | 0.7% | 0.8% |
| **White** | 87 | 75 | 80 | 117 | 98 | 96 | 91 | 86 |
| Population | 49,103 | 49,266 | 49,579 | 50,001 | 50,798 | 50,902 | 51,020 | 51,248 |
| Rate per 100,000 | 177.18 | 152.23 | 161.36 | 234.00 | 192.92 | 188.60 | 178.36 | 167.81 |
| Percent of Total | 64.4% | 58.1% | 59.7% | 71.3% | 64.9% | 66.2% | 65.9% | 66.7% |
| **Other/Unknown** | 41 | 50 | 41 | 42 | 43 | 46 | 35 | 39 |
| Percent of Total | 30.4% | 38.8% | 30.6% | 25.6% | 28.5% | 31.7% | 25.4% | 30.2% |

**Figure 6.5**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties AOD-Related Hospitalization Rate per 100,000 Population by Patient Race/ Ethnicity

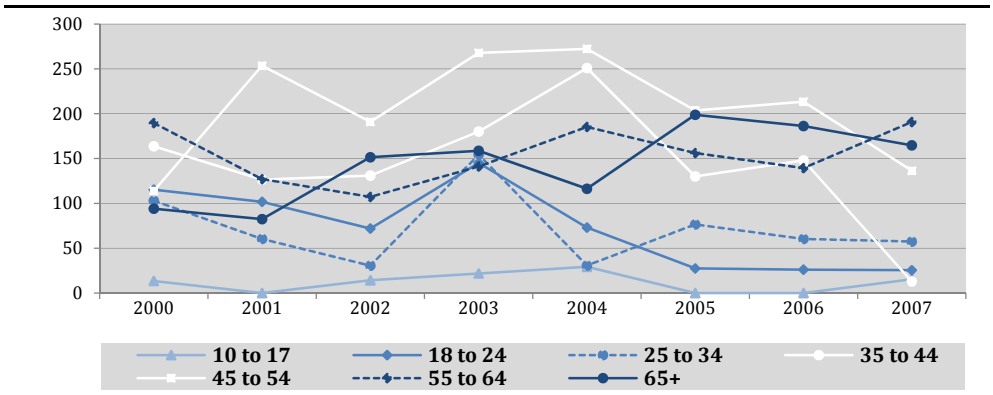


# Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

**Table 6.8**
Hospitalizations Due to Alcohol- *and* Drug-Related Causes (Combined) in **Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties by Patient Age Category, Rate per 100,000 Population, and Percent of Total Hospitalizations

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL AOD-RELATED HOSPITALIZATIONS** | 135 | 129 | 134 | 164 | 151 | 145 | 138 | 129 |
| **17 Years and Under** | 2 | 0 | 2 | 3 | 4 | 0 | 0 | 2 |
| Population | 14,901 | 14,459 | 14,055 | 13,760 | 13,698 | 13,357 | 13,173 | 12,999 |
| Rate per 100,000 | 13.42 | 0.00 | 14.23 | 21.80 | 29.20 | 0.00 | 0.00 | 15.39 |
| Percent of Total | 1.5% | 0.0% | 1.5% | 1.8% | 2.6% | 0.0% | 0.0% | 1.6% |
| **18 to 24 Years** | 5 | 5 | 4 | 9 | 5 | 2 | 2 | 2 |
| Population | 4,338 | 4,914 | 5,556 | 6,200 | 6,847 | 7,295 | 7,651 | 7,858 |
| Rate per 100,000 | 115.26 | 101.75 | 71.99 | 145.16 | 73.02 | 27.42 | 26.14 | 25.45 |
| Percent of Total | 3.7% | 3.9% | 3.0% | 5.5% | 3.3% | 1.4% | 1.4% | 1.6% |
| **25 to 34 Years** | 7 | 4 | 2 | 10 | 2 | 5 | 4 | 4 |
| Population | 6,799 | 6,622 | 6,553 | 6,481 | 6,524 | 6,532 | 6,627 | 6,968 |
| Rate per 100,000 | 102.96 | 60.40 | 30.52 | 154.30 | 30.66 | 76.55 | 60.36 | 57.41 |
| Percent of Total | 5.2% | 3.1% | 1.5% | 6.1% | 1.3% | 3.4% | 2.9% | 3.1% |
| **35 to 44 Years** | 16 | 12 | 12 | 16 | 22 | 11 | 12 | 1 |
| Population | 9,777 | 9,485 | 9,163 | 8,885 | 8,766 | 8,455 | 8,114 | 7,761 |
| Rate per 100,000 | 163.65 | 126.52 | 130.96 | 180.08 | 250.97 | 130.10 | 147.89 | 12.88 |
| Percent of Total | 11.9% | 9.3% | 9.0% | 9.8% | 14.6% | 7.6% | 8.7% | 0.8% |
| **45 to 54 Years** | 11 | 25 | 19 | 27 | 28 | 21 | 22 | 14 |
| Population | 9,642 | 9,861 | 9,947 | 10,079 | 10,280 | 10,317 | 10,306 | 10,261 |
| Rate per 100,000 | 114.08 | 253.52 | 191.01 | 267.88 | 272.37 | 203.55 | 213.47 | 136.44 |
| Percent of Total | 8.1% | 19.4% | 14.2% | 16.5% | 18.5% | 14.5% | 15.9% | 10.9% |
| **55 to 64 Years** | 13 | 9 | 8 | 11 | 15 | 13 | 12 | 17 |
| Population | 6,857 | 7,086 | 7,463 | 7,791 | 8,100 | 8,329 | 8,612 | 8,915 |
| Rate per 100,000 | 189.59 | 127.01 | 107.20 | 141.19 | 185.19 | 156.08 | 139.34 | 190.69 |
| Percent of Total | 9.6% | 7.0% | 6.0% | 6.7% | 9.9% | 9.0% | 8.7% | 13.2% |
| **65 Years and Older** | 9 | 8 | 15 | 16 | 12 | 21 | 20 | 18 |
| Population | 9,563 | 9,704 | 9,904 | 10,085 | 10,319 | 10,561 | 10,739 | 10,925 |
| Rate per 100,000 | 94.11 | 82.44 | 151.45 | 158.65 | 116.29 | 198.84 | 186.24 | 164.76 |
| Percent of Total | 6.7% | 6.2% | 11.2% | 9.8% | 7.9% | 14.5% | 14.5% | 14.0% |
| **Other/Unknown** | 72 | 66 | 72 | 72 | 63 | 72 | 66 | 71 |
| Percent of Total | 53.3% | 51.2% | 53.7% | 43.9% | 41.7% | 49.7% | 47.8% | 55.0% |

**Figure 6.6**
**Del Norte**, **Modoc**, **Plumas**, and **Sierra** Counties AOD-Related Hospitalization Rate per 100,000 Population by Patient Age Category



# Indicator 7: Deaths Due to Alcohol and Drug Use

The number of deaths due to alcohol and drug-related causes and age adjusted death rate per 100,000 population.

**Table 7.1**
Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) and Age-Adjusted Rate per 100,000 with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| Number of Deaths | 0 | 1 | 2 | 0 | 2 | 2 | 2 | 0 |
| Total Population | 3,701 | 3,702 | 3,700 | 3,703 | 3,716 | 3,693 | 3,680 | 3,667 |
| Rate per 100,000 | 0.00 | 20.78 | 49.17 | 0.00 | 56.16 | 41.81 | 34.86 | 0.00 |
| CALIFORNIA Rate per 100,000 | 19.03 | 19.22 | 20.10 | 20.90 | 20.86 | 21.40 | 21.27 | 21.46 |

**Figure 7.1**
Sierra County Mortality Age-Adjusted Rate per 100,000 Total Population with Comparison to Statewide Rates

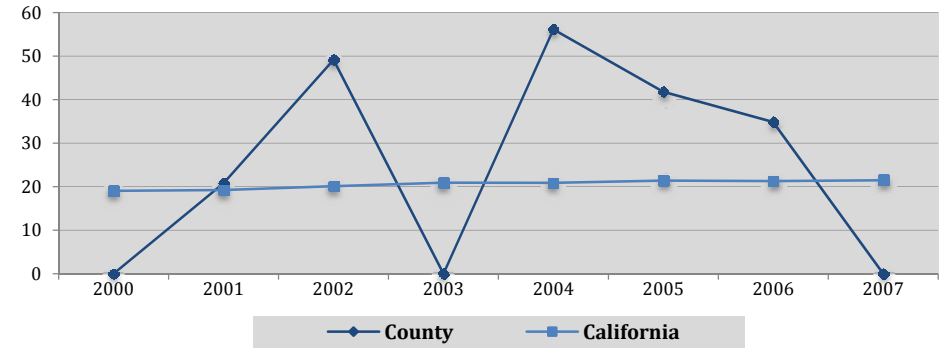
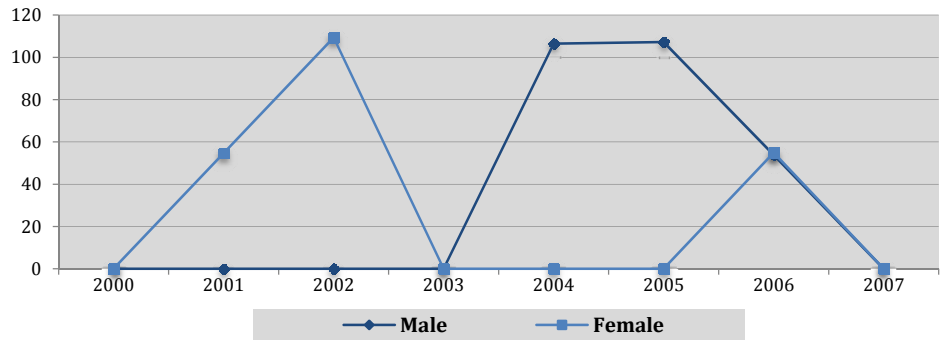



**Table 7.2**
Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) by Gender of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL AOD-RELATED DEATHS** | 0 | 1 | 2 | 0 | 2 | 2 | 2 | 0 |
| **Male** | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 |
| Population | 1,871 | 1,873 | 1,871 | 1,870 | 1,878 | 1,865 | 1,858 | 1,849 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 106.50 | 107.24 | 53.82 | 0.00 |
| Percent of Total | #DIV/0! | 0.00% | 0.00% | #DIV/0! | 100.00% | 100.00% | 50.00% | #DIV/0! |
| **Female** | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 |
| Population | 1,830 | 1,829 | 1,829 | 1,833 | 1,838 | 1,828 | 1,822 | 1,818 |
| Rate per 100,000 | 0.00 | 54.67 | 109.35 | 0.00 | 0.00 | 0.00 | 54.88 | 0.00 |
| Percent of Total | #DIV/0! | 100.00% | 100.00% | #DIV/0! | 0.00% | 0.00% | 50.00% | #DIV/0! |

**Figure 7.2**
Sierra County AOD-Related Mortality Rate per 100,000 Population by Decedent Gender



# Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.3**
Deaths Due to *Alcohol*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| Number of Deaths | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 |
| Total Population | 3,701 | 3,702 | 3,700 | 3,703 | 3,716 | 3,693 | 3,680 | 3,667 |
| Rate per 100,000 | 0.00 | 0.00 | 54.05 | 0.00 | 26.91 | 27.08 | 27.17 | 0.00 |
| CALIFORNIA Rate per 100,000 | 10.17 | 10.45 | 9.96 | 10.42 | 10.29 | 10.79 | 10.47 | 10.59 |

**Figure 7.3**
Sierra County Alcohol-Related Mortality Rate per 100,000 Population with Comparison to Statewide Rates

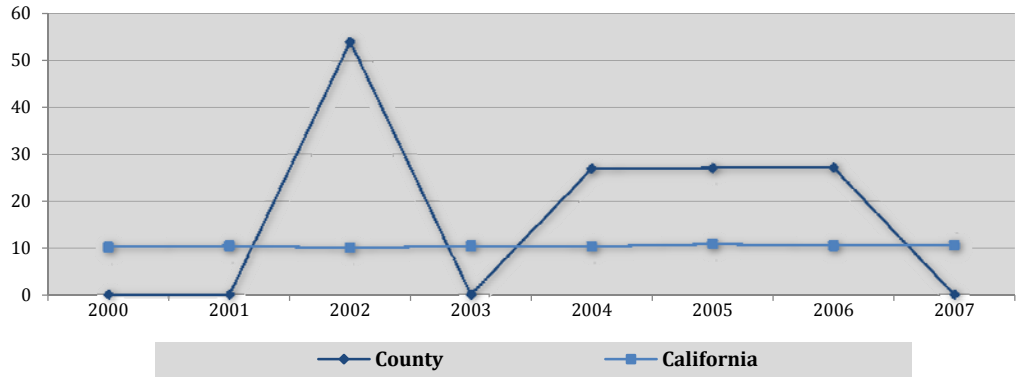
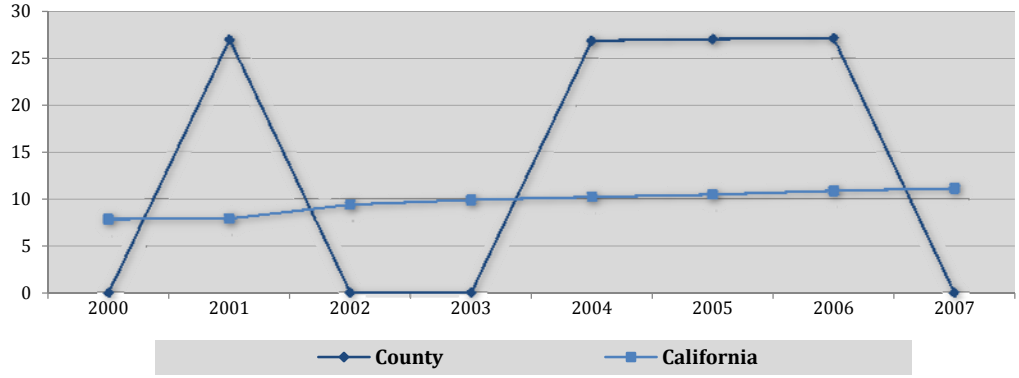



**Table 7.4**
Deaths Due to *Drug*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| Number of Deaths | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| Total Population | 3,701 | 3,702 | 3,700 | 3,703 | 3,716 | 3,693 | 3,680 | 3,667 |
| Rate per 100,000 | 0.00 | 27.01 | 0.00 | 0.00 | 26.91 | 27.08 | 27.17 | 0.00 |
| CALIFORNIA Rate per 100,000 | 7.86 | 7.91 | 9.41 | 9.91 | 10.22 | 10.48 | 10.88 | 11.15 |

**Figure 7.4**
Sierra County Drug-Related Mortality Rate per 100,000 Population with Comparison to Statewide Rates



# Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.5**
Deaths Due to *Alcohol*-Related Causes by Specific Cause, and Rate per 100,000 Total Population

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL ALCOHOL-RELATED DEATHS** | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 |
| **Alcohol Psychosis** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcohol Abuse** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcohol Dependence Syndrome** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcoholic Polyneuropathy** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Degeneration of the Nervous System** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcoholic Myopathy** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcoholic Cardiomyopathy** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcoholic Gastritis** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcoholic Liver Disease** | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 54.05 | 0.00 | 26.91 | 27.08 | 27.17 | 0.00 |
| **Fetal Alcohol Syndrome** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Fetus and Newborn Affect by Maternal Use of Alcohol** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcohol Poisoning** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Intentional Self-Poisoning (Alcohol)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Excessive Blood Level of Alcohol** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Alcohol-Induced Pancreatitis** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.6**
Deaths Due to *Drug*-Related Causes by Specific Cause, and Rate per 100,000 Total Population

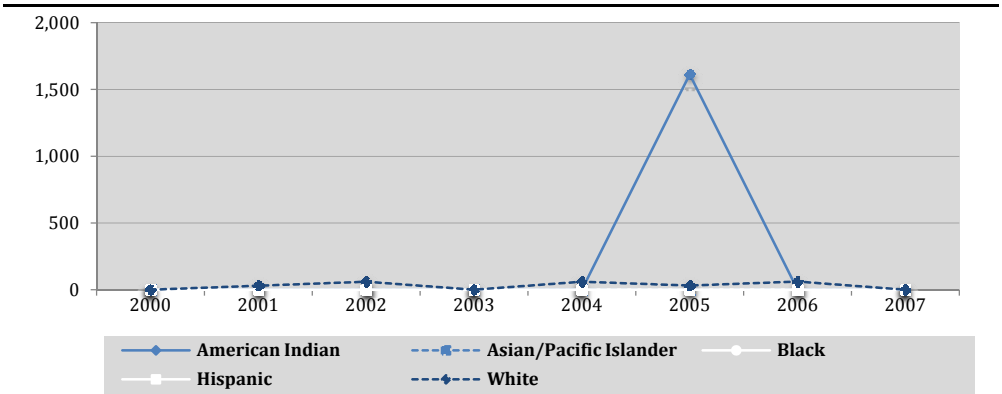
| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL DRUG-RELATED DEATHS** | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| **Accidental Drug Poisoning** | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| Rate per 100,000 | 0.00 | 27.01 | 0.00 | 0.00 | 26.91 | 27.08 | 0.00 | 0.00 |
| **Intentional Self-Poisoning (Drug)** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 27.17 | 0.00 |
| **Intentional Poisoning (Assault)** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Other Drug Poisonings** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Fetus and Newborn Affect by Maternal Use of Drugs** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ***Mental and Behavioral Disorders due to Use of...*** | | | | | | | | |
| **Cannabinoids** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Cocaine** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Hallucinogens** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Opioids** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Other Psychoactive Substances** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Sedatives or Hypnotics** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Solvents** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Stimulants** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.7**
Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) by Race/Ethnicity of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL AOD-RELATED DEATHS** | 0 | 1 | 2 | 0 | 2 | 2 | 2 | 0 |
| **American Indian** | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Population | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,612.90 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 50.0% | 0.0% | #DIV/0! |
| **Asian/Pacific Islander** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |
| **Black** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |
| **Hispanic** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 227 | 229 | 231 | 233 | 236 | 241 | 243 | 245 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |
| **White** | 0 | 1 | 2 | 0 | 2 | 1 | 2 | 0 |
| Population | 3,334 | 3,333 | 3,328 | 3,328 | 3,336 | 3,307 | 3,292 | 3,277 |
| Rate per 100,000 | 0.00 | 30.00 | 60.10 | 0.00 | 59.95 | 30.24 | 60.75 | 0.00 |
| Percent of Total | #DIV/0! | 100.0% | 100.0% | #DIV/0! | 100.0% | 50.0% | 100.0% | #DIV/0! |
| **Other** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |

**Figure 7.5**
Sierra County AOD-Related Mortality Rate per 100,000 Population by Decedent Race/ Ethnicity

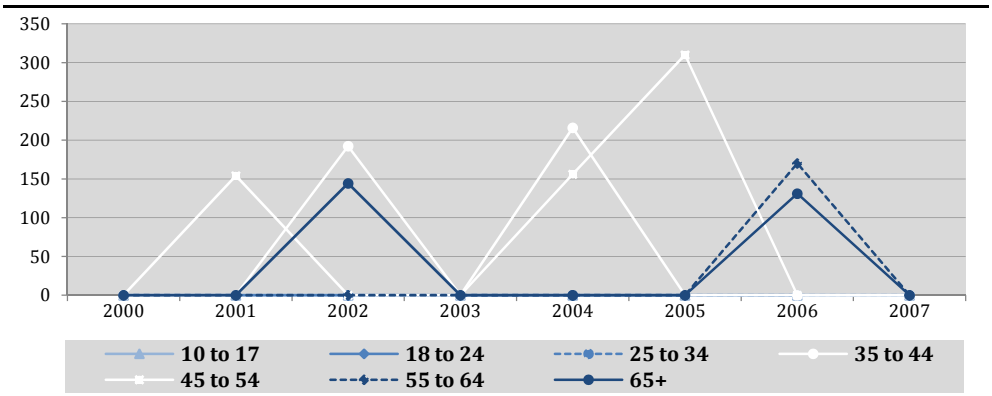


# Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

**Table 7.8**
Deaths Due to Alcohol- *and* Drug-Related Causes (Combined) by Age Category of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

| | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 |
|---|---|---|---|---|---|---|---|---|
| **TOTAL AOD-RELATED DEATHS** | 0 | 1 | 2 | 0 | 2 | 2 | 2 | 0 |
| **17 Years and Under** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 862 | 817 | 777 | 739 | 696 | 666 | 634 | 599 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |
| **18 to 24 Years** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 189 | 231 | 273 | 319 | 365 | 394 | 417 | 430 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |
| **25 to 34 Years** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Population | 312 | 286 | 273 | 265 | 251 | 231 | 233 | 258 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 0.0% | #DIV/0! |
| **35 to 44 Years** | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Population | 564 | 547 | 520 | 486 | 463 | 443 | 420 | 372 |
| Rate per 100,000 | 0.00 | 0.00 | 192.31 | 0.00 | 215.98 | 0.00 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 50.0% | #DIV/0! | 50.0% | 0.0% | 0.0% | #DIV/0! |
| **45 to 54 Years** | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 |
| Population | 647 | 649 | 642 | 643 | 641 | 645 | 625 | 627 |
| Rate per 100,000 | 0.00 | 154.08 | 0.00 | 0.00 | 156.01 | 310.08 | 0.00 | 0.00 |
| Percent of Total | #DIV/0! | 100.0% | 0.0% | #DIV/0! | 50.0% | 100.0% | 0.0% | #DIV/0! |
| **55 to 64 Years** | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Population | 477 | 496 | 522 | 544 | 555 | 554 | 588 | 612 |
| Rate per 100,000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 170.07 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 0.0% | #DIV/0! | 0.0% | 0.0% | 50.0% | #DIV/0! |
| **65 Years and Older** | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Population | 650 | 676 | 693 | 707 | 745 | 760 | 763 | 769 |
| Rate per 100,000 | 0.00 | 0.00 | 144.30 | 0.00 | 0.00 | 0.00 | 131.06 | 0.00 |
| Percent of Total | #DIV/0! | 0.0% | 50.0% | #DIV/0! | 0.0% | 0.0% | 50.0% | #DIV/0! |

**Figure 7.6**
Sierra County AOD-Related Mortality Rate per 100,000 Population by Decedent Age Category



# SOURCES

| Indicator | Agency | Print and Electronic Data Sources |
|---|---|---|
| **Binge Drinking in the Past Year** | UCLA Center for Health Policy Research, California Department of Health Services, Public Health Institute | California Health Interview Survey (CHIS) 2008 |
| **Admissions to Alcohol and Other Drug Treatment** | California Department of Alcohol and Drug Programs (ADP) | California Alcohol and Drug Data System (CADDS) Admissions Data 2000–2005<br>California Outcome Measurement System (CalOMS) Admissions Data 2006–2008 |
| **Alcohol and Drug-Related Crime** | California Department of Justice, Office of the Attorney General, Criminal Justice Statistics Center | California Arrest Data 2000–2008 |
| **Drinking and Driving** | California Highway Patrol (CHP) | Statewide Integrated Traffic Records System (SWITRS) 2000–2008 |
| **Alcohol- and Drug-Related Hospitalizations** | Office of Statewide Health Planning and Development (OSHPD) | California Hospital Discharge Data Set, 2000–2007 |
| **Alcohol and Drug-Related Mortality** | California Department of Public Health, Vital Statistics Section | Death Statistical Masterfile 2000–2007<br>California Health Status Profiles 2006 |

This publication was prepared by the Center for Applied Research Solutions (CARS), Inc.'s Community Prevention Initiative (CPI) Technical Assistance and Training contract funded by the California Department of Alcohol and Drug Programs (ADP).

**Center for Applied Research Solutions (CARS), Inc.**
923 College Avenue
Santa Rosa, CA 95404
Phone: (707) 568-3800
Fax: (707) 568-3810
Toll Free 1-877-568-4227 (1-877-568-4CARS)
www.cars-rp.org