# *Community Indicators of Alcohol and Drug Abuse Risk*

## Butte County

***Prepared for:***
***California Department of***
***Alcohol and Drug Programs***

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# Introduction



In the mid-1990s the California Department of Alcohol and Drug Programs (ADP), in collaboration with the EMT Group, Inc., began work on improving the state's prevention information systems. A primary goal of this effort was to develop a management information system for consistently and uniformly documenting a) levels of needs for state substance abuse prevention programming b) the nature and extent of program efforts in prevention implemented throughout the state, and c) the effectiveness of these prevention efforts in obtaining intended outcomes.

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 statewide prevention planning and policy-making by providing useful, systematic data about prevention needs and related conditions throughout the state.

The present report is a product of this ongoing effort. Prepared by the EMT Group, Inc. with ADP funding administered through the University of California, San Francisco, Center for Substance Abuse Policy Research, its purpose is to provide timely, relevant information on the status of alcohol and other drug use problems in California in order to facilitate planning and monitoring of prevention outcomes. Specifically, the report may serve as a tool for planners, policy-makers, and practitioners in the field in their efforts to:

- Determine the prevalence of a problem in the community;
- Identify patterns of need for services;
- Forecast service needs;
- Establish appropriate program resource levels;
- Understand environmental influences in the community; and
- Determine whether intended social change is occurring

The report compiles data on 26 community indicators, including measures of risk factors associated with alcohol and other drug use, measures of overall substance use prevalence, and measures of the consequences associated with problem use. Each indicator and its population-based rate is reported in six-year trends with state and county-level comparisons to allow for monitoring of changes in problem status over time and across geographic area.

## *How is the information collected?*

The information contained in the report was gathered from public records that are maintained and disseminated by eight major state agencies ("archival data"). This reliance on state level data sources ensures that the information reported is uniform across counties and over time (i.e., all counties use the same data collection procedures), and allows for reliable comparisons between counties and the state, and among counties with similar demographic characteristics ("like-counties"). Each agency source contributing to the report is listed in Table I.1.

***Table I.1***

*California Alcohol Beverage Control*
*California Department of Alcohol & Drug Programs*
*California Department of Education*
*California Department of Health Services*
*California Highway Patrol*
*California Department of Finance*
*California Department of Justice*
*California Department of Social Services*

## *How were the indicators selected?*

The twenty-six indicators contained in the report were selected based on several key criteria, including:

- Validity: How well does the information measure what it is supposed to measure?
- Reliability: Is the data collected in a consistent manner from year-to-year?
- Availability: Is the information accessible in a timely and useable format?
- Appropriateness and relevance: Does the indicator measure risks or outcomes that have an established theoretical or empirical relationship to substance use and related problems?

As the risk and outcome information system continues to evolve and as new and more sophisticated measures become available, the set of indicators may be expanded or modified, and new selection criteria may be added.

## *How are the indicators organized?*

The organization of the report is based on a framework of alcohol and drug abuse risk and protective factors developed by Hawkins and Catalano through their ongoing work in the prevention research field. This framework identifies four major domains of risk for substance abuse and related problems, including:

- **Community factors,** such as the availability of substances, community laws and norms favorable to use, extreme economic deprivation, high rates of transition and mobility and social disorganization*;*
- **Family factors,** such as family history of substance abuse, poor family management practices, parental drug use and favorable attitudes towards drug use, and family conflict*;*
- **School factors,** such as academic failure, low commitment to school , school-related problem behaviors;
- **Individual and peer factors**, such as peer rejection, early and persistent problem behavior, alienation and rebelliousnous, friends who use drugs, favorable attitudes toward drug use, and early initiation of drug use.

In addition to the four broad domains, indicators are further classified into subdomains which group measures that are conceptually linked within the same broad domain area. Together, these domains and subdomains provide a logical basis for organizing indicators as they relate to differing prevention strategies and outcomes.

## *How is the information presented?*

The report is designed to serve as a simple, easy-to-use resource for understanding and interpreting community-level data on substance use in California. To facilitate its use, the document contains several basic analytic techniques to assist with data interpretation.

First, in order to make meaningful comparisons between geographic areas that differ in population size, or comparisons between differing time points, each raw indicator has been converted into a population-based rate that describes the event in relation to a standard population size, such as the number of occurrences for every 1,000 people residing in the state or in a given county. Rates are calculated as the number of events divided by the total population size, then multiplied by the population standard (e.g., 1,000). Although rates are intended to facilitate interpretation, it should be noted that in cases where an indicator measures a relatively rare event (e.g., deaths due to alcohol and drug use) rates may be unstable, or prone to wide fluctuations from year to year, particularly when applied to relatively small populations. For this reason, rates measuring rare events or rates for counties with very small population size should be interpreted with caution.

Also for comparative purposes, data is presented at both the county and state level to allow county rates to be evaluated against a relative average. Each indicator is also compared to a three-year average rate for a subset of counties that are considered to be similar in demographic characteristics to the county under consideration (see Appendix A for groupings of “like-counties”). Characteristics that contribute to the classification of “like-counties” include the relative size of the youth population, race/ethnic distribution, poverty status, and proportion of the population living in urban or rural settings.

For each indicator, counties are also ranked in ascending order based on an average of their three most current years of data. A low rank (e.g., 4th of 58) indicates that the county rate is low relative to other counties in the state and thus, that the population has a low relative level of substance use risk for that indicator.

Throughout the report, information is presented for three to six years of data depending on the availability of the indicator. For those indicators with six complete years of information, the trend in rates over time has been analyzed using a simple correlation to determine both the direction of the trend and whether the trend is statistically meaningful (i.e., whether a true relationship exists between time in years and the value of the rate). Trends found to be significant are labeled as increasing or declining, while those that show no statistical importance are considered "undetermined"trends.

In addition to presenting data at the indicator level, individual measures have been mathematically combined into a standardized composite score measuring overall alcohol and other drug abuse risk. To calculate the composite score, individual indicators were first converted into standardized rates (also known as z-scores) that measure the relative deviation of the county rate from the statewide average. For example, a standardized score of .75 would indicate that the county's absolute rate (e.g., 14.8 arrests per 1,000 population) would fall .75 standard deviations above the state average, while a standardized rate of -.75 would fall .75 deviations below the statewide mean. Once rates have been standardized to a common scale, they are averaged to create an aggregate measure of total alcohol and other drug risk.

Collectively, these analytic tools will help translate statistical observations and data into a "real world" profile of community conditions related to alcohol and other drug use.

## *How is the report organized?*

The body of the report is organized into three major sections. The first section presents information on overall alcohol and drug abuse risk as measured by the standardized composite score. The second section presents county-level data for each of the twenty-six indicators, organized according to the four major domain areas. The reports concludes with a section presenting state and county level comparative data , including geographic depictions of three-year average rates for all counties in California.

# *Alcohol & Drug Risk Composite*

*Standardized Composite Score of Alcohol & Drug Abuse Risk*

## Alcohol & Drug Abuse Risk Indicator

*Standardized Composite Score*

Table AD.1
**Composite Indicator of Alcohol & Drug Abuse Risk**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Alcohol & Drug Abuse Risk | 0 | .03 | .01 | -.01 | .12 | .13 |

Table AD.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | .08 |
| California | .0002 |
| County Cluster Urban "C" | -.20 |
| Statewide Ranking | 34th |

Exhibit AD.1
**Alcohol & Drug Risk**

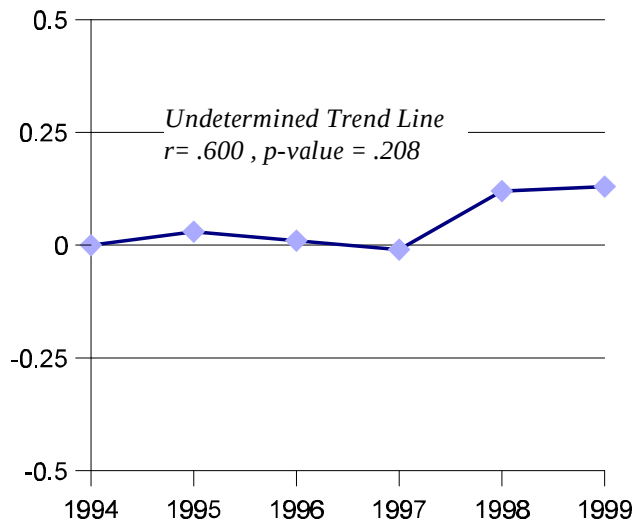



Table AD.3
**Yearly Composite Rates for Subdomains 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Community | -.35 | -.24 | -.3 | -.31 | -.25 | -.24 |
| Family | .85 | .71 | .68 | .76 | .79 | 1.05 |
| School | -.16 | 1.17 | 1.91 | .58 | .9 | .82 |
| Individual | .23 | -.03 | -.21 | -.06 | .1 | -.26 |

*Standardizing Rates*

*The composite score of alcohol and drug risk is calculated by standardizing each of the indicator rates to a common scale (z-score) based on a mathematical calculation of the standard deviation. This common scale allows indicators to be combined, through averaging, into a single measure of substance use risk that may be compared across county and over time.*

*Standardized Composite Score of Alcohol & Drug Abuse Risk*

Table AD.4
**3-Year Avg. Composite Rates for Subdomains**

| | |
|---|---|
| Community | -.26 |
| Family | .96 |
| School | .86 |
| Individual/Peer | -.13 |

Exhibit AD.2
**County Comparison of Three-Year Average Rates**
1997-1999

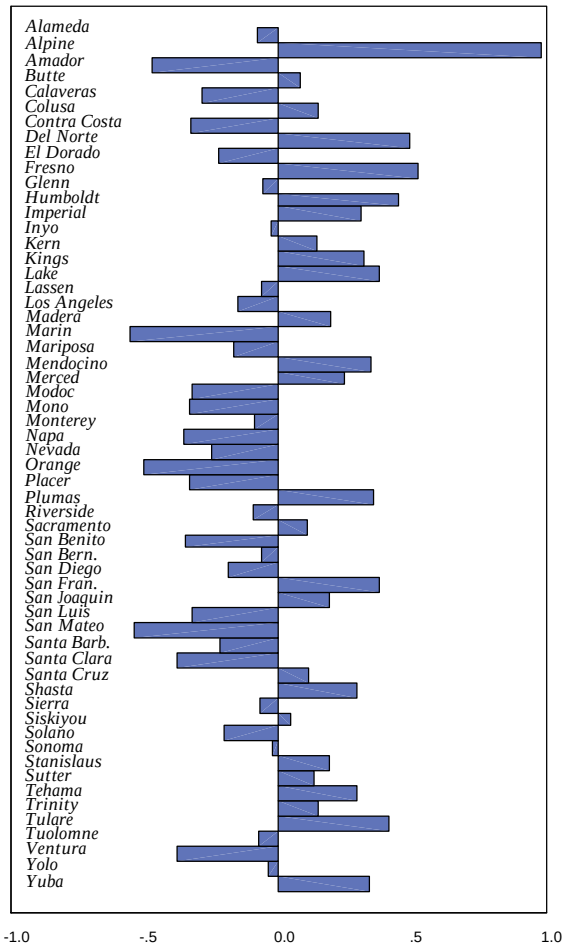
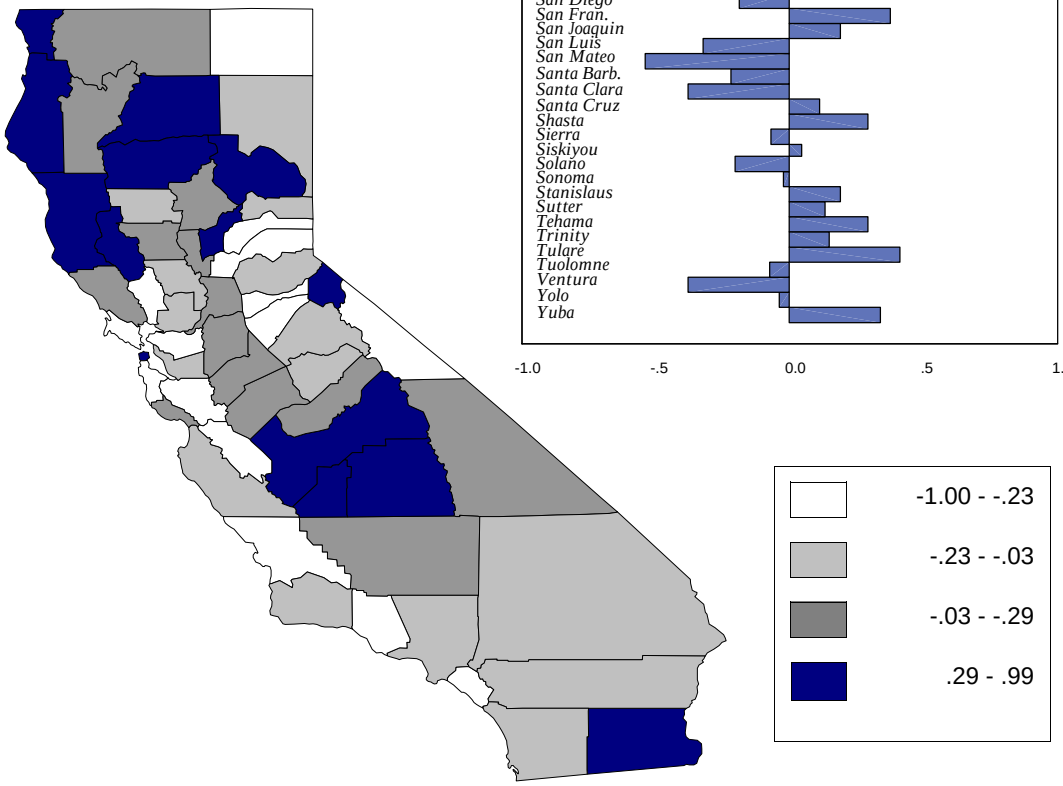



Table AD.3
**Alcohol & Drug Abuse Risk Composite Indicator**
3 Year Average Composite Rate



# *Community Domain*

## Unemployment

*Indicator 1.1*

Table 1.1.1
**Total Unemployed, Total Labor Force and Annual Unemployment Rate**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Unemployed | 8500 | 8300 | 7400 | 7200 | 7100 | 5800 |
| Total Labor Force | 83,900 | 82,900 | 82,900 | 84,500 | 85,500 | 85,800 |
| Annual Rate | 10.1 | 10.0 | 8.9 | 8.5 | 8.3 | 6.8 |

Table 1.1.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 7.9 |
| California | 5.8 |
| County Cluster Urban "C" | 4.7 |
| Statewide Ranking | 29th |

Exhibit 1.1
**Annual Unemployment Rate**
Unemployed Persons as a % of Total Labor Force

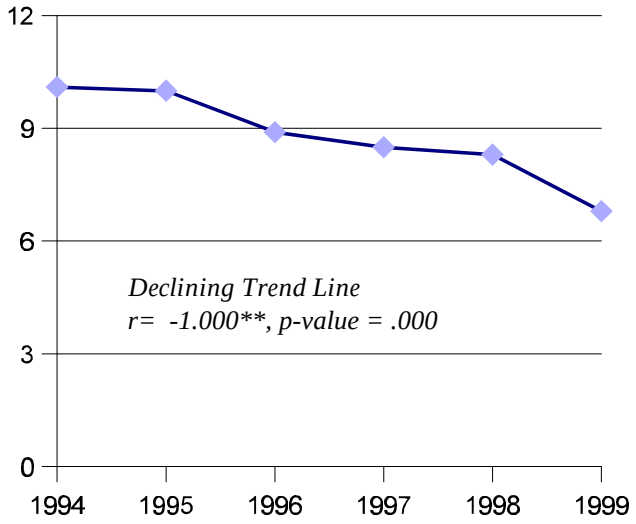



Table 4.3.3
**Annual State & County Comparisons**
**1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 10.1 | 10.0 | 8.9 | 8.5 | 8.3 | 6.8 |
| California | 8.6 | 7.8 | 7.2 | 6.3 | 5.9 | 5.2 |

*Data Notes & Limitations*

*Rate calculations do not include estimates of discouraged workers who are no longer actively seeking employment, unemployed persons who fail to file for benefits, or persons who are underemployed.*

**Source:**
CA Health and Welfare Agency,
Employment Development Department
Labor Market Information Division

## Population Growth

*Indicator 1.2*

Table 1.2.1
**Population Growth per Annum (% Change per Year)**

| | 1993-94 | 1994-95 | 1995-96 | 1996-97 | 1997-98 | 1998-99 |
|---|---|---|---|---|---|---|
| Total Pop ($Year_1$) | 191,400 | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 |
| Total Pop ($Year_2$) | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 | 200,600 |
| % Change | 1.04 | 1.40 | 0.20 | 1.02 | 0.60 | 0.45 |

Table 1.2.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 0.7 |
| California | 1.7 |
| County Cluster Urban "C" | 1.6 |
| Statewide Ranking | 17th |

Exhibit 1.2
**Population Growth per Annum**
**(% Change per Year)**

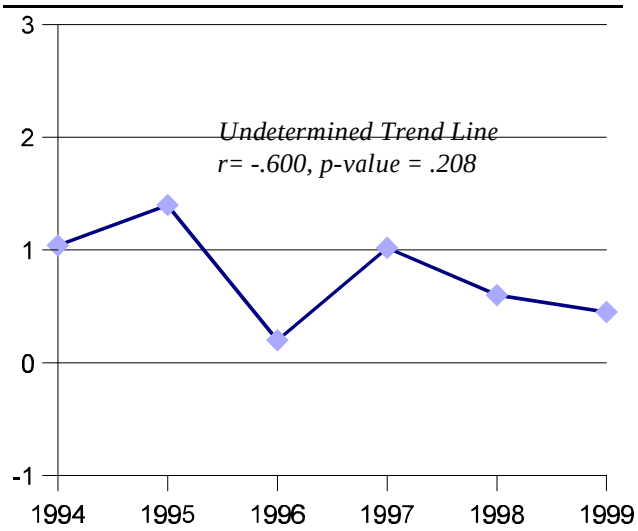



Table 1.2.3
**Annual State & County Comparisons**
**1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 1.04 | 1.40 | 0.20 | 1.02 | 0.60 | 0.45 |
| California | 0.87 | 0.86 | 1.00 | 1.77 | 1.63 | 1.62 |

**Source:**
CA Department of Finance,
Demographic Research Unit

*Data Notes & Limitations*

*The population growth rate measures the increase or decrease in total county population size over a one-year period; the rate does not account for differential rates of growth or decline across individual cities or communities.*

## Legal Foreign Immigration

*Indicator 1.3*

Table 1.3.1
**Total Legal Immigrants and Immigration Rate per 1000 Population**

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|---|
| Total Immigrants | 330 | 499 | 253 | 527 | 420 | 291 |
| Total Population | 191,400 | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 |
| Rate per 1000 | 1.7 | 2.6 | 1.3 | 2.7 | 2.1 | 1.5 |

Table 1.3.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 2.1 |
| California | 5.8 |
| County Cluster Urban "C" | 3.2 |
| Statewide Ranking | 22nd |

Exhibit 1.3
**Legal Foreign Immigration Rate per 1000 Population**

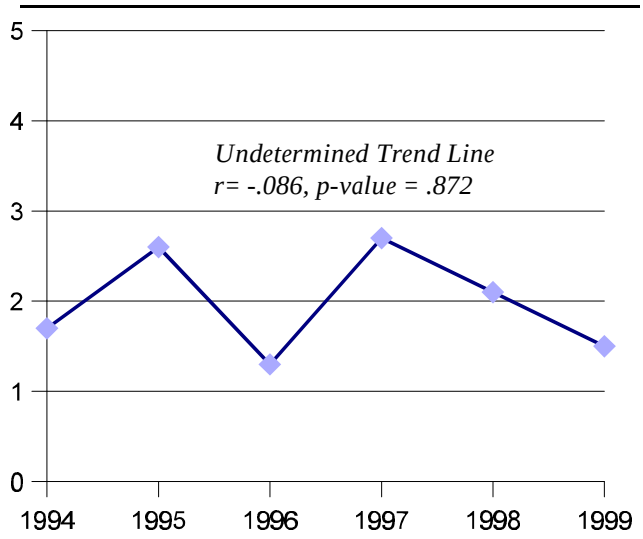



Table 1.3.3
**Annual State & County Comparisons**
**1994-1999**

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|---|
| Butte | 1.7 | 2.6 | 1.3 | 2.7 | 2.1 | 1.5 |
| California | 7.8 | 6.5 | 5.2 | 6.2 | 6.1 | 5.1 |

**Source:**
CA Department of Finance,
Demographic Research Unit

*Data Notes & Limitations*

*The legal foreign immigration rate does not include undocumented aliens, refugees seeking asylum who are waiting for approval of applications, or non-legal aliens approved for temporary residence.*

*The number of immigrants per county is based on intended destination of residence.*

## Reported Crimes



Table 1.4.1
**Reported Crimes and Rate per 1,000 Population**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Crimes | 10,522 | 9974 | 8931 | 9468 | 8820 | 7620 |
| Total Population | 204,200 | 196,100 | 196,500 | 198,500 | 199,700 | 200,600 |
| Rate per 1,000 | 51.5 | 50.9 | 45.5 | 47.7 | 44.2 | 38.0 |

Table 1.4.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 43.3 |
| California | 42.8 |
| County Cluster Urban "C" | 35.0 |
| Statewide Ranking | 37th |

Exhibit 1.4
**Reported Crime Rate per 1,000 Population**

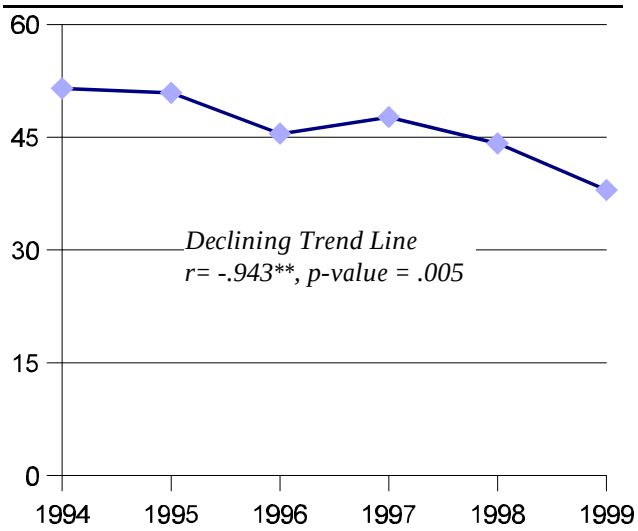



Table 1.4.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 51.5 | 50.9 | 45.5 | 47.7 | 44.2 | 38.0 |
| California | 61.0 | 58.0 | 51.7 | 48.1 | 42.8 | 37.5 |

**Source:**
CA Department of Justice,
Criminal Justice Statistics Center

*Data Notes & Limitations*

*The crime rate documents the incidence of selected offenses including homicide, forcible rape, robbery, aggravated assault, burglary, larceny-theft, and motor vehicle theft.*

*The reported crime rate tends to understate the total level of criminal victimization due to lack of detection and under reporting among crime.*

## Retail Liquor Licenses

*Indicator 1.5*

Table 1.5.1
**Total Retail Liquor Outlets per 100,000 Total Population**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Liquor Licenses | 473 | 470 | 467 | 472 | 466 | 463 |
| Total Population | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 | 200,600 |
| Annual Rate | 244.6 | 239.7 | 237.7 | 237.8 | 233.4 | 230.8 |

Table 1.5.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 234.0 |
| California | 198.3 |
| County Cluster Urban "C" | 293.6 |
| Statewide Ranking | 24th |

Exhibit 1.5
**Total Retail Liquor Outlets per 100000 Total Population**

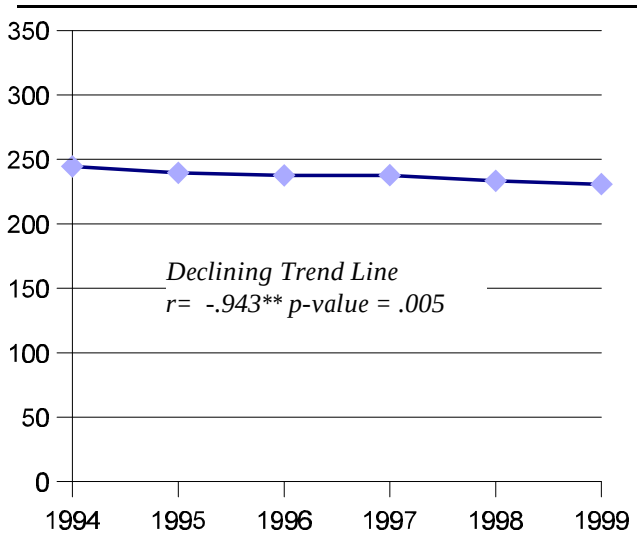



Table 1.5.3
**Annual State & County Comparisons**
**1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 244.6 | 239.7 | 237.7 | 237.8 | 233.4 | 230.8 |
| California | 357.4 | 234.3 | 205.9 | 201.7 | 198.5 | 194.7 |

**Source:**
CA Alcoholic Beverage Control (ABC)

*Data Notes & Limitations*

*Selected retail establishments may be required to have multiple licenses (i.e. off-sale on-sale) so that the number of liquor licenses dispensed may exceed the actual number of retail outlets.*

## Adult Arrests for Drug Violations

*Indicator 1.6*

Table 1.6.1
**Adult Arrests for Drug Violations and Rate per 1,000 Population Ages 18-69**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Arrests | 922 | 934 | 900 | 980 | 811 | 996 |
| Pop 18-69 Years | 126,300 | 128,500 | 131,500 | 127,600 | 123,200 | 125,600 |
| Rate per 1,000 | 7.3 | 7.3 | 6.8 | 7.7 | 6.6 | 7.9 |

Table 1.8.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 7.4 |
| California | 11.1 |
| County Cluster Urban "C" | 8.4 |
| Statewide Ranking | 13th |

Exhibit 1.8
**Adult Arrest Rate for Drug Violations per 1,000 Population Ages 18-69**

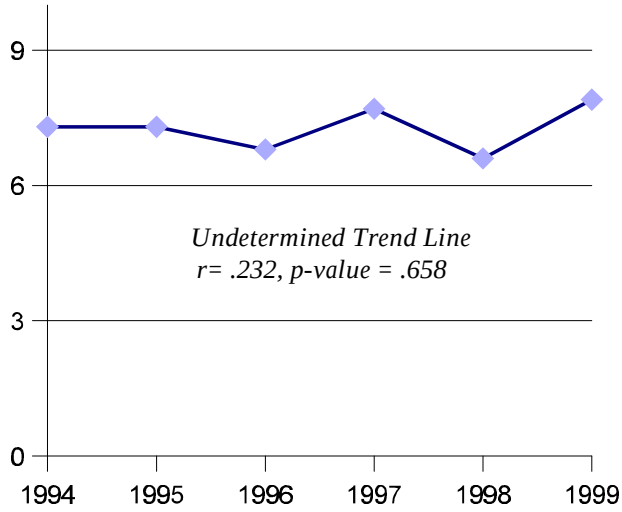



Table 1.8.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 7.3 | 7.3 | 6.8 | 7.7 | 6.6 | 7.9 |
| California | 11.8 | 11.0 | 10.7 | 11.6 | 11.2 | 10.6 |

**Source:**
CA Department of Justice,
Criminal Justice Statistics Center

*Data Notes & Limitations*

*No adjustment is made for repeat offenders or arrests made on new charges while an arrestee is under an out-warrant.*

*The nature and volume of arrests may be influenced by changes in law enforcement legislation, police manpower, and patrol procedures, limiting the comparability of data over time and across jurisdictions.*

## Adult Arrests for Driving- Under-the-Influence

*Indicator 1.7*

Table 1.7.1
**Adult Arrests for Driving-Under-the -Influence and Rate per 1,000 Population Ages 18-69**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Arrests | 1274 | 1275 | 1317 | 1226 | 1097 | 1390 |
| Population 18-69 | 126,300 | 128,500 | 131,500 | 127,600 | 123,200 | 125,600 |
| Rate per 1,000 | 10.1 | 9.9 | 10.0 | 9.6 | 8.9 | 11.1 |

Table 1.7.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 9.9 |
| California | 8.7 |
| County Cluster Urban "C" | 11.5 |
| Statewide Ranking | 18th |

Exhibit 1.7
**Adult DUI Arrest Rate per 1,000 Population Ages 18-69**

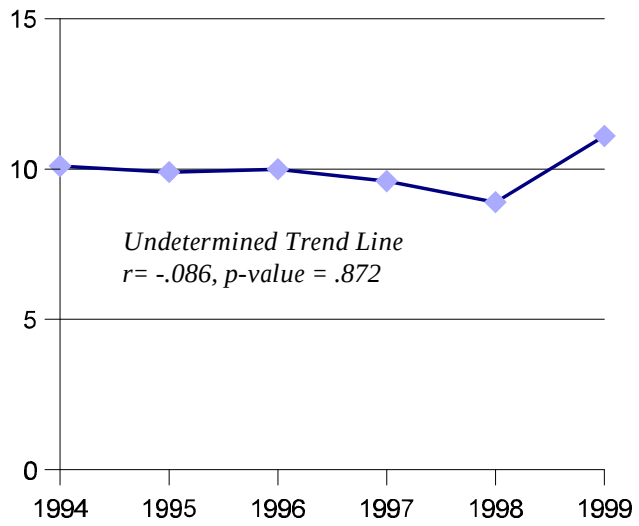



Table 1.7.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 10.1 | 9.9 | 10.0 | 9.6 | 8.9 | 11.1 |
| California | 9.8 | 9.3 | 9.3 | 8.7 | 8.8 | 8.6 |

**Source:**
CA Department of Justice,
Criminal Justice Statistics Center

*Data Notes & Limitations*

*No adjustment is made for repeat offenders or arrests made on new charges while an arrestee is under an out-warrant.*

*The nature and volume of arrests may be influenced by changes in law enforcement legislation, police manpower, and patrol procedures, limiting the comparability of data.*

## Adult Arrests for Alcohol Violations

*Indicator 1.8*

Table 1.8.1
**Adult Arrests for Alcohol Violations (Excluding DUI) and Rate per 1,000 Population Ages 18-69**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Arrests | 771 | 915 | 744 | 678 | 785 | 1025 |
| Pop 18-69 Years | 126,300 | 128,500 | 131,500 | 127,600 | 123,200 | 125,600 |
| Rate per 1,000 | 6.1 | 7.1 | 5.7 | 5.3 | 6.4 | 8.2 |

Table 1.8.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 6.6 |
| California | 6.2 |
| County Cluster Urban "C" | 9.3 |
| Statewide Ranking | 21st |

Exhibit 1.8
**Adult Arrest Rate for Alcohol Violations per 1,000 Population Ages 18-69**

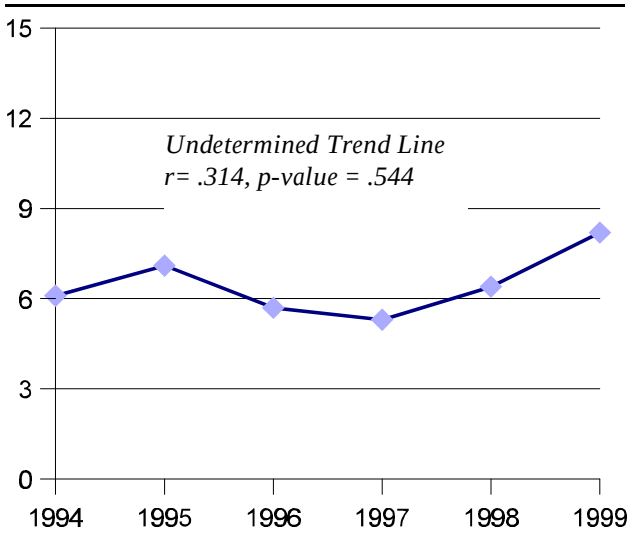



Table 1.8.3
**Annual State & County Comparisons**
**1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 6.1 | 7.1 | 5.7 | 5.3 | 6.4 | 8.2 |
| California | 5.8 | 6.0 | 6.6 | 6.0 | 6.4 | 6.3 |

**Source:**
CA Department of Justice,
Criminal Justice Statistics Center

*Data Notes & Limitations*

*No adjustment is made for repeat offenders or arrests made on new charges while an arrestee is under an out-warrant.*

*The nature and volume of arrests may be influenced by changes in law enforcement legislation, police manpower, and patrol procedures, limiting the comparability of data over time and across jurisdictions.*

## Alcohol-Involved Motor Vehicle Accidents

*Indicator 1.9*

Table 1.9.1
**Alcohol-Involved Motor Vehicle Fatal and Injury Accidents and Rate per 100,000 Licensed Drivers**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Accidents | 165 | 197 | 183 | 155 | 173 | 165 |
| Licensed Drivers | 134,600 | 127,200 | 134,900 | 135,800 | 137,100 | 138,826 |
| Rate per 100,000 | 122.6 | 154.9 | 135.7 | 114.1 | 126.2 | 118.9 |

Table 1.9.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 119.7 |
| California | 99.3 |
| County Cluster Urban "C" | 110.6 |
| Statewide Ranking | 25th |

Exhibit 1.9
**Alcohol-Involved Accident Rate per 100,000 Licensed Drivers**

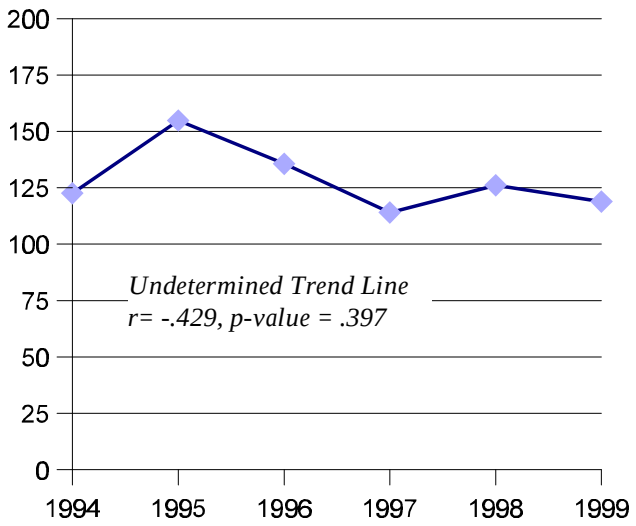



Table 1.9.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 122.6 | 154.9 | 135.7 | 114.1 | 126.2 | 118.9 |
| California | 129.6 | 128.2 | 116.3 | 102.0 | 99.9 | 96.0 |

**Source:**
California Highway Patrol (CHP),
Statewide Integrated Traffic Safety Unit (SWITRs)

*Data Notes & Limitations*

*Rates are estimated based on fatal and injury accidents only, excluding all accidents classified as Property Damage Only (PDO).*

*Rates may underestimate actual occurrence due to under reporting.*

## Adult Alcohol & Drug Treatment Admissions

*Indicator 1.10*

Table 1.10.1
**Treatment Admissions and Rate per 1,000 Population 18 Years and Over**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Treatment Admissions | 596 | 1176 | 1256 | 831 | 962 | 1140 |
| Pop 18 Years and Over | 144,544 | 146,132 | 145,356 | 146,650 | 147,272 | 147,858 |
| Rate per 1,000 | 4.1 | 8.0 | 8.6 | 5.7 | 6.5 | 7.7 |

Table 1.10.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 6.6 |
| California | 8.7 |
| County Cluster Urban "C" | 8.7 |
| Statewide Ranking | 16th |

Exhibit 1.10
**Adult Treatment Admission Rate per 1,000 Population 18 Years and Over**

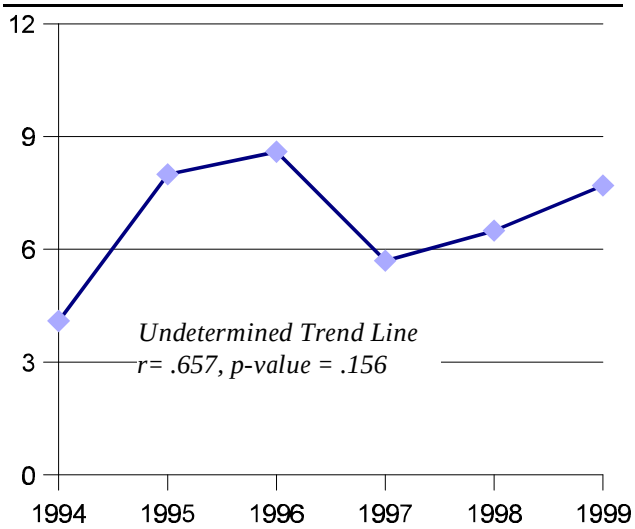



Table 1.10.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 4.1 | 8.0 | 8.6 | 5.7 | 6.5 | 7.7 |
| California | 9.3 | 5.3 | 8.9 | 8.4 | 8.6 | 9.1 |

**Source:**
CA Health and Human Services Agency,
CA Department of Alcohol and Drug Programs

*Data Notes & Limitations*

*Admission rates do not account for the utilization of services provided outside of the publicly -funded alcohol and drug treatment and recovery system.*

*Admission rates are directly linked to program capacity and treatment demand, and are consequently, less useful as measures of overall prevalence of substance abuse in the general population.*

## Hospital Discharges for Alcohol & Drug Disorders *Indicator 1.11*

Table 1.11.1
**Hospital Discharges for Alcohol & Drug Related Causes and Rate per 100,000 Population**

| | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|
| Total Discharges | 233 | 205 | 230 | 268 | 292 |
| Total Population | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 |
| Rate per 100,000 | 120.5 | 104.5 | 117.0 | 135.0 | 146.2 |

Table 1.11.2
**1996-1998 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 132.8 |
| California | 168.8 |
| County Cluster Urban "C" | 195.9 |
| Statewide Ranking | 37th |

Exhibit 1.11
**Hospital Discharges for Alcohol & Drug Disorders and Rate per 100,000 Population**

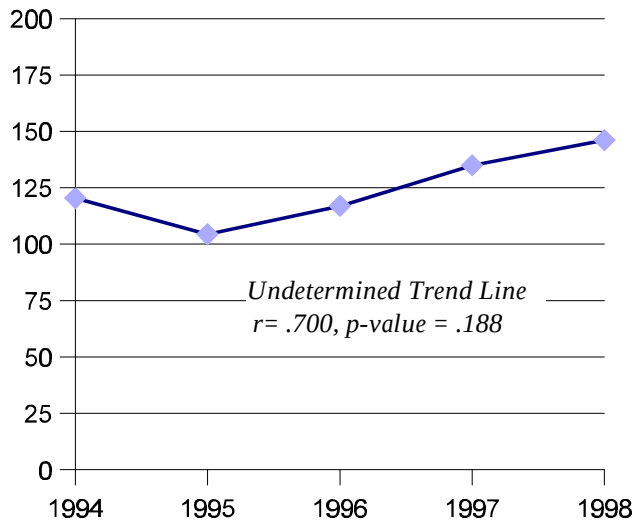



Table 1.11.3
**Annual State & County Comparisons 1994-1998**

| | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|
| Butte | 120.5 | 104.5 | 117.0 | 135.0 | 146.2 |
| California | 168.8 | 170.7 | 173.1 | 168.9 | 164.4 |

*Data Notes & Limitations*

*Hospital discharge rates only include discharges for diagnoses directly attributable to alcohol and drug use..The measure excludes cases where the onset of disease may partially attributable to substance use behaviors.*

**Source:**
CA Health & Welfare Agency,
Department of Alcohol & Drug Programs

## AIDS Incidence

*Indicator 1.12*

Table 1.12.1
**Total Number of AIDS Cases and Rate per 100,000 Population**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total AIDS Cases | 16 | 16 | 13 | 10 | 7 | 13 |
| Total Population | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 | 200,600 |
| Rate per 100,000 | 8.3 | 8.2 | 6.6 | 5.0 | 3.5 | 6.5 |

Table 1.12.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 5.0 |
| California | 13.6 |
| County Cluster Urban "C" | 7.9 |
| Statewide Ranking | 24th |

Exhibit 1.12
**Total Number of AIDS Cases and Rate per 100,000 Population**

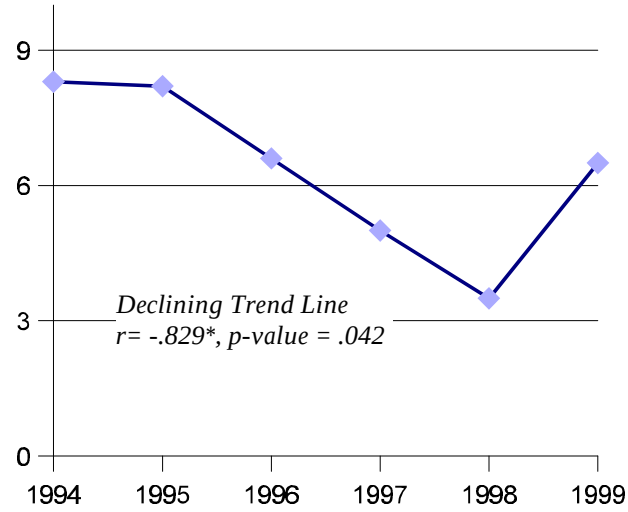



Table 1.12.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 8.3 | 8.2 | 6.6 | 5.0 | 3.5 | 6.5 |
| California | 32.5 | 29.2 | 22.3 | 16.3 | 12.6 | 11.9 |

**Source:**
CA Health & Welfare Agency, Department of Health Services, Office of AIDS

*Data Notes & Limitations*

*Data was not available for counties with fewer than two reported cases; to allow for rate calculations, a value of one has been substituted for counties with unavailable data.*

*The number of reported AIDS cases represents the total number of cases caused by both intravenous drug use and other modes of transmission.*

## Deaths Due to Alcohol & Drug Use

*Indicator 1.13*

Table 1.13.1
**Deaths Due to Alcohol & Drug Use and Rate per 100,000 Population**

| | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|
| Total Deaths | 114 | 126 | 114 | 125 | 124 |
| Total Population | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 |
| Rate per 100,000 | 58.9 | 64.3 | 58.0 | 63.0 | 62.1 |

Table 1.13.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 61.0 |
| California | 45.6 |
| County Cluster Rural/Urban "C" | 50.3 |
| Statewide Ranking | 47th |

Exhibit 1.13
**Deaths Due to Alcohol & Drug Use and Rate per 100,000 Population**

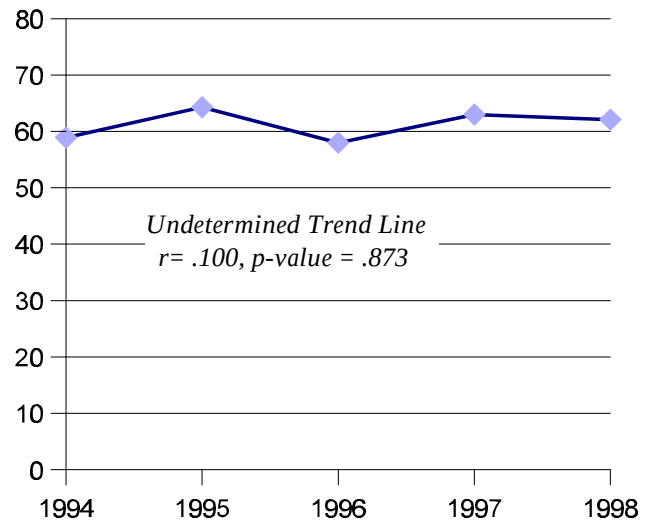



Table 1.13.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|
| Butte | 58.9 | 64.3 | 58.0 | 63.0 | 62.1 |
| California | 50.5 | 50.9 | 48.6 | 45.0 | 43.2 |

**Source:**
CA Health & Welfare Agency,
Department of Alcohol & Drug Programs

*Data Notes & Limitations*

*Mortality rates are often subject to a high degree of variability due to the small number of events used to calculate rates. It is important to use caution when interpreting trends over time and comparisons across small geographic areas.*

# *Family Domain*

## Temporary Aid to Needy Families

*Indicator 2.1*

Table 2.1.1
**Total TANF Recipients and % of Total Population Receiving Assistance**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Recipients | 22,816 | 23,326 | 23,050 | 19,850 | 5,318 | 15,482 |
| Total Population | 193,400 | 196,100 | 196,500 | 198,500 | 199,700 | 200,600 |
| % of Population | 11.8 | 11.9 | 11.7 | 10.0 | 2.7 | 7.7 |

Table 2.1.2
**1996, 1998-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 6.8 |
| California | 4.5 |
| County Cluster Urban "C" | 2.4 |
| Statewide Ranking | 47th |

Exhibit 2.1
**Total TANF Recipients as a % of Total Population**

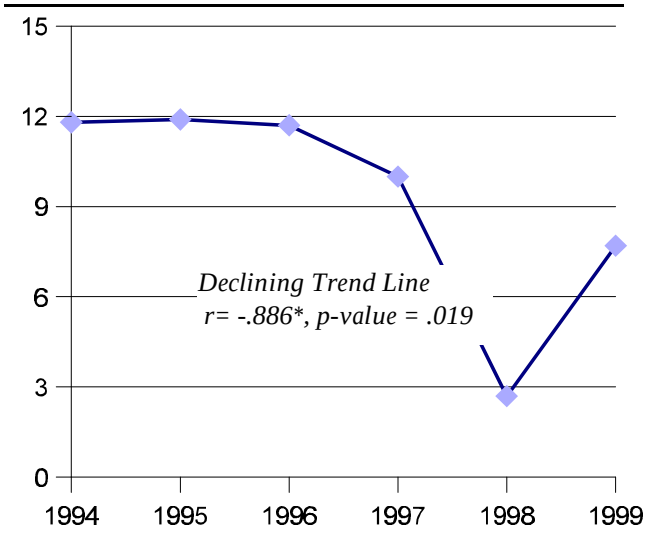



Table 2.1.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 11.8 | 11.9 | 11.7 | 10.0 | 2.7 | 7.7 |
| California | 8.6 | 8.5 | 8.2 | 6.9 | 1.4 | 5.1 |

**Source:**
CA Health & Welfare Agency,
Department of Social Services,
Statistical Services Bureau

*Data Notes & Limitations*

*The Temporary Assistance to Needy Families (TANF) program replaces the former Aid to Families with Dependent Children (AFDC) cash assistance program. Caseload data prior to 1997 is not comparable to current figures.*

*The number of persons receiving TANF benefits is estimated using a one-month sample caseload; caseloads may vary from month-to-month within the reporting year.*

## Domestic Violence

*Indicator 2.2*

Table 2.2.1
**Domestic Violence Calls for Assistance and Rate per 100,000 Population Ages 18-69 Years**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Domestic Violence Calls | 1664 | 1365 | 1120 | 1244 | 1153 | 1235 |
| Pop 18-69 Years | 126,300 | 128,500 | 131,500 | 127,600 | 123,200 | 125,600 |
| Rate per 100,000 | 13.2 | 10.6 | 8.5 | 9.7 | 9.4 | 9.8 |

Table 2.2.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 9.6 |
| California | 9.2 |
| County Cluster Urban "C" | 6.0 |
| Statewide Ranking | 36th |

Exhibit 2.2
**Domestic Violence Calls per 100,000 Population 18-69 Years**

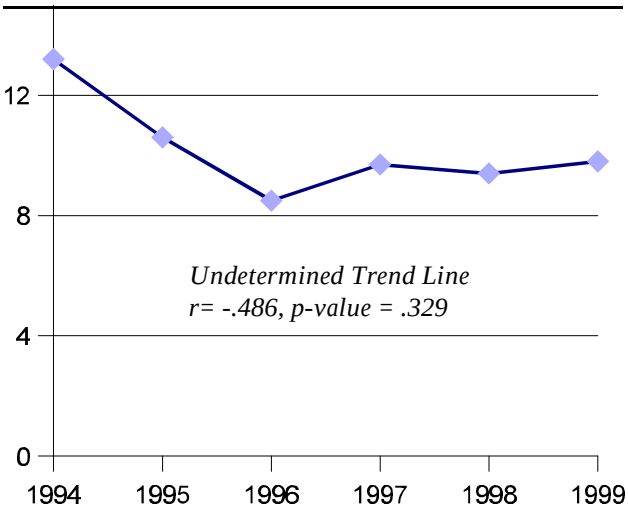



Table 2.2.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 13.2 | 10.6 | 8.5 | 9.7 | 9.4 | 9.8 |
| California | 11.8 | 2.6 | 10.4 | 10.0 | 9.2 | 8.5 |

**Source:**
CA Department of Justice,
Criminal Justice Statistics Center

*Data Notes & Limitations*

*Domestic violence calls for assistance may underestimate the actual incidence of family violence due to widespread under reporting.*

*No adjustment is made for repeated incidents.*

## Child Abuse

*Indicator 2.3*

Table 2.3.1
**Emergency Response Dispositions per 1000 Population Under 18 Years**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Emergency Response Dispositions | 9722 | 8833 | 8546 | • | 5401 | 8228 |
| Pop < 18 Years | 48,856 | 49,968 | 51,144 | • | 52,428 | 52,742 |
| Rate per 1000 | 199.0 | 176.8 | 167.1 | • | 103.0 | 156.0 |

• *Data not available for 1997 due to changes in reporting procedures*

Table 2.3.2
**1996, 1998-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 142.0 |
| California | 64.6 |
| County Cluster Urban "C" | 75.9 |
| Statewide Ranking | 53rd |

Exhibit 2.3
**Emergency Response Disposition Rate per 1000 Population Under 18 Years**

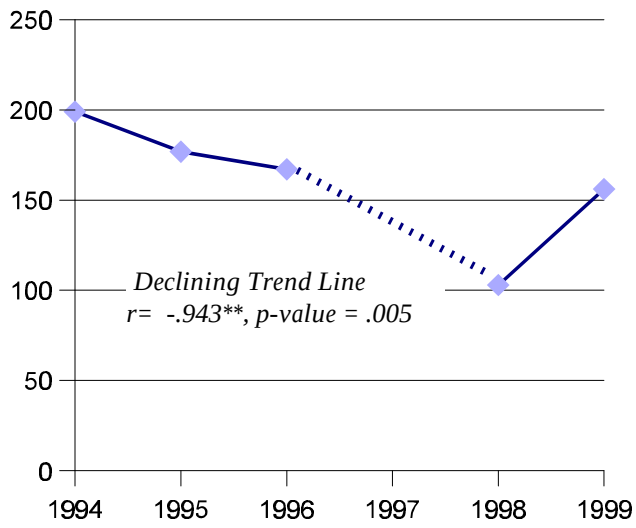



Table 2.3.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 199.0 | 176.8 | 167.1 | • | 103.0 | 156.0 |
| California | 74.5 | 75.1 | 74.8 | • | 57.2 | 61.8 |

**Source:**
CA Health & Welfare Agency,
Department of Social Services,
Statistical Services Bureau

*Data Notes & Limitations*

*The number of dispositions does not include child abuse referrals where information is insufficient and cases can not be substantiated.*

*No adjustment is made for the repeated incidence of child abuse or neglect within a single family (i.e., multiple reports within a given year).*

## Children in Foster Care

*Indicator 2.4*

Table 2.4.1
**Foster Care Placements and Rate per 1000 Population Under 18 Years**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Foster Care Placements | 456 | 673 | 679 | 843 | 901 | 758 |
| Pop < 18 Years | 48,856 | 49,968 | 51,144 | 51,850 | 52,428 | 52,742 |
| Rate per 1000 | 9.3 | 13.5 | 13.3 | 16.3 | 17.2 | 14.4 |

Table 2.4.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 15.9 |
| California | 8.6 |
| County Cluster Urban "C" | 6.7 |
| Statewide Ranking | 55th |

Exhibit 2.4
**Foster Care Placements per 1000 Population Under 18 Years**

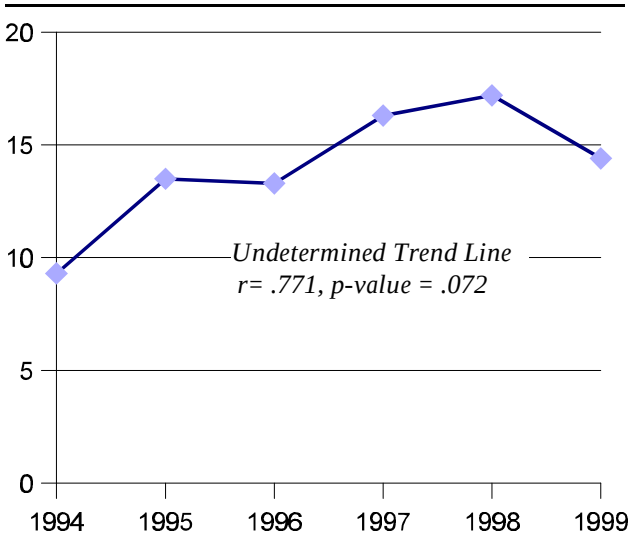



Table 2.4.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 9.3 | 13.5 | 13.3 | 16.3 | 17.2 | 14.4 |
| California | 7.6 | 7.7 | 7.7 | 8.4 | 8.9 | 8.5 |

**Source:**
CA Health & Welfare Agency,
Department of Social Services,
Statistical Services Bureau

*Data Notes & Limitations*

*The percentage of children living in foster care is estimated using a one-month sample foster care caseload (i.e., point-prevalence) of children living in foster family and group home placements.*

# *School Domain*

## School Dropouts

*Indicator 3.1*

Table 3.1.1
**Annual High School Dropouts and Rate per 100 Students Enrolled in Grades 9-12**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Dropouts | 574 | 439 | 485 | 399 | 410 | 384 |
| Student Enrollment | 8656 | 9033 | 9362 | 9869 | 10306 | 10858 |
| Dropout Rate | 6.6 | 4.9 | 5.2 | 4.0 | 4.0 | 3.5 |

Table 3.1.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 3.9 |
| California | 3.0 |
| County Cluster Urban "C" | 2.2 |
| Statewide Ranking | 53rd |

Exhibit 3.1
**Annual High School Dropout Rate per 100 Student Enrolled Grades 9-12**

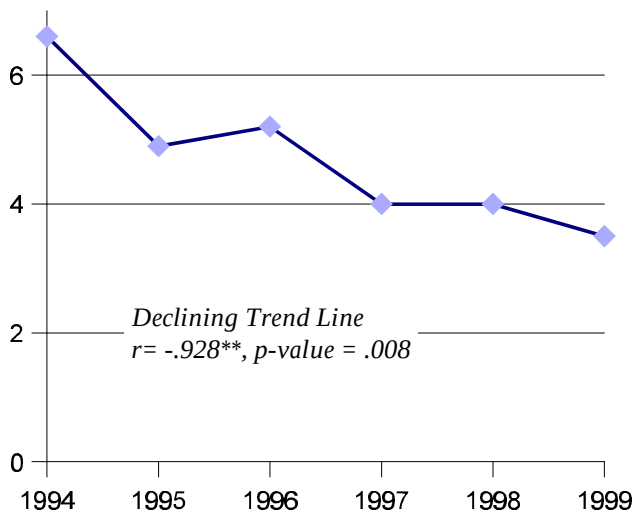



Table 3.1.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 6.6 | 4.9 | 5.2 | 4.0 | 4.0 | 3.5 |
| California | 4.8 | 4.6 | 3.9 | 3.3 | 2.9 | 2.8 |

*Data Notes & Limitations*

*Enrollment data for small student populations may vary widely from year to year. Its is important to use caution when interpreting trends and comparisons across student populations.*

**Source:**
CA Department of Education,
California Basic Educational Demographics (CBEDS)

## School Alcohol & Drug-Related Incidents

*Indicator 3.2*

Table 3.2.1
**School Alcohol & Drug-Related Incidents and Rate per 1,000 Enrolled Students**

| | 1996-97 | 1997-98 | 1998-99 |
|---|---|---|---|
| Total Incidents | 215 | 225 | 239 |
| Total Enrolled | 35,177 | 35,304 | 35,290 |
| Rate per 1,000 | 6.1 | 6.4 | 6.8 |

Table 3.2.2
**1996-97-1998-99 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 6.4 |
| California | 3.7 |
| County Cluster Urban "C" | 5.1 |
| Statewide Ranking | 49th |

Exhibit 3.2
**School Alcohol & Drug Incident Rate per 1,000 Population**

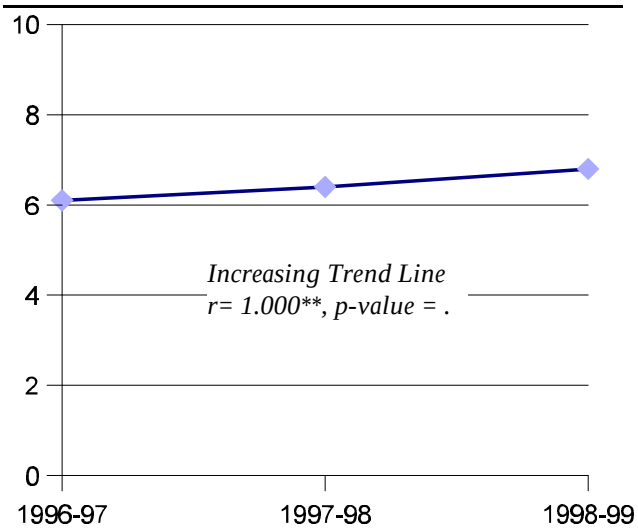



Table 3.2.3
**Annual State & County Comparisons 1996-1999**

| | 1996-97 | 1997-98 | 1998-99 |
|---|---|---|---|
| Butte | 6.1 | 6.4 | 6.8 |
| California | 3.5 | 3.6 | 3.9 |

**Source:**
CA Department of Education,
California Safe Schools Assessment (CSSA)

*Data Notes & Limitations*

*The total number of school-based alcohol and drug incidents may be influenced by variations in enforcement and reporting, limiting the comparability of data over time and across districts.*

## School Violence Incidents

*Indicator 3.3*

Table 3.3.1
**School Violence Incidents and Rate per 1,000 Students Enrolled**

| | 1996-97 | 1997-98 | 1998-99 |
|---|---|---|---|
| Total Incidents | 224 | 295 | 335 |
| Total Enrolled | 35,177 | 35,304 | 35,290 |
| Rate per 1,000 | 6.4 | 8.4 | 9.5 |

Table 3.3.2
**1997-1999 Comparisons**
**Three Year Average Rates**

| | |
|---|---|
| Butte | 8.1 |
| California | 5.1 |
| County Cluster Urban "C" | 5.7 |
| Statewide Ranking | 44th |

Exhibit 3.3
**School Violence Incident Rate per 1,000 Population**

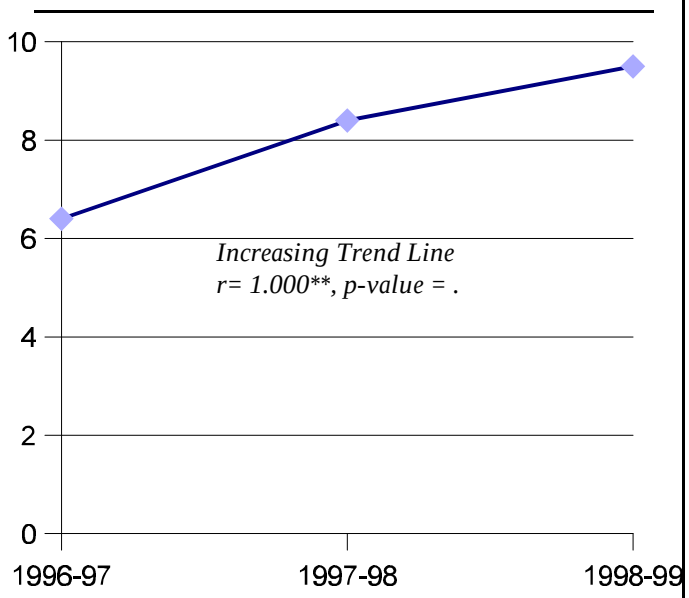



Table 3.3.3
**Annual State & County Comparisons**
**1996-1999**

| | 1996-97 | 1997-98 | 1998-99 |
|---|---|---|---|
| Butte | 6.4 | 8.4 | 9.5 |
| California | 5.0 | 5.0 | 5.3 |

*Data Notes & Limitations*

*The total number of school-based violent crime incidents may be influenced by variations in enforcement and reporting, limiting the comparability of data over time and across districts.*

**Source:**
CA Department of Education,
California Safe Schools Assessment (CSSA)

# *Individual/Peer Domain*

## Juvenile Arrests for Alcohol and Drug Offenses

*Indicator 4.1*

Table 4.1.1
**Juvenile Arrests for Alcohol and Drug Offenses and Rate per 1,000 Population Ages 10-17**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Total Arrests for AOD Offenses | 204 | 251 | 254 | 296 | 400 | 339 |
| Pop 10-17 Years | 21,400 | 22,300 | 23,300 | 24,000 | 23,100 | 23,300 |
| Rate per 1,000 | 9.5 | 11.3 | 10.9 | 12.3 | 17.3 | 14.5 |

Table 4.1.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 14.7 |
| California | 10.2 |
| County Cluster Urban "C" | 16.1 |
| Statewide Ranking | 40th |

Exhibit 4.1
**Juvenile Alcohol and Drug Arrest Rate per 1,000 Population 10-17 Years**

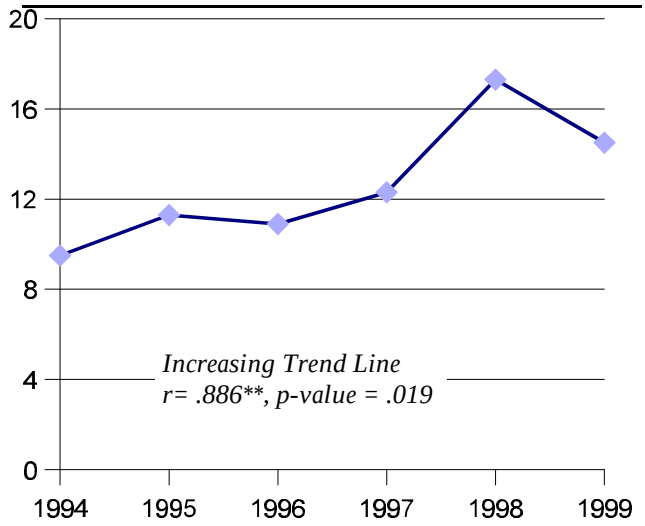



Table 4.1.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 9.5 | 11.3 | 10.9 | 12.3 | 17.3 | 14.5 |
| California | 9.3 | 10.1 | 10.3 | 10.2 | 10.4 | 10.0 |

**Source:**
CA Department of Justice,
Criminal Justice Statistics Center

*Data Notes & Limitations*

*No adjustment is made for repeat offenders or arrests made on new charges while an arrestee is under an out-warrant.*

*The nature and volume of arrests may be influenced by changes in law enforcement legislation, police manpower, and patrol procedures, limiting the comparability of data over time and across jurisdictions.*

## Adolescent Admissions to Alcohol and Drug Treatment *Indicator 4.2*

Table 4.2.1
**Adolescent Treatment Admissions and Rate per 1,000 Population Under 18 Years**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Treatment Admissions | 167 | 130 | 65 | 26 | 12 | 2 |
| Pop < 18 Years | 48,856 | 49,968 | 51,144 | 51,850 | 52,428 | 52,742 |
| Rate per 1,000 | 3.4 | 2.6 | 1.3 | 0.5 | 0.2 | 0.0 |

Table 4.2.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 0.3 |
| California | 1.2 |
| County Cluster Urban "C" | 3.3 |
| Statewide Ranking | 8th |

Exhibit 4.2
**Treatment Admission Rate per 1,000 Youth Under 18 Years**

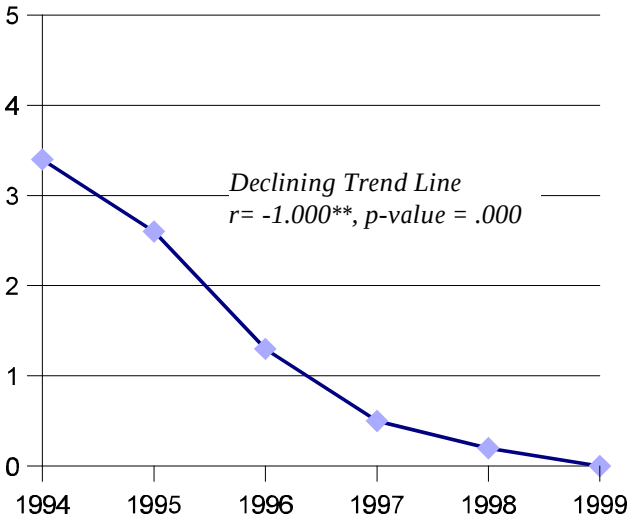



Table 4.2.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 3.4 | 2.6 | 1.3 | 0.5 | 0.2 | 0.0 |
| California | 1.1 | 1.2 | 1.1 | 1.1 | 1.2 | 1.3 |

**Source:**
CA Health and Human Services Agency,
CA Department of Alcohol and Drug Programs

*Data Notes & Limitations*

*Admission rates do not account for the utilization of services provided outside of the publicly -funded alcohol and drug treatment and recovery system.*

*Admission rates are directly linked to program capacity and treatment demand, and are consequently, less useful as measures of overall prevalence of substance abuse in the general population.*

## Juvenile Criminal Justice Involvement

*Indicator 4.3*

Table 4.3.1
**Law Enforcement Dispositions for All Offenses and Rate per 100,000 Population Ages 10-17**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Law Enforcement Dispositions | 1359 | 1505 | 1603 | 1785 | 1838 | 1663 |
| Pop 10-17 Years | 21,400 | 22,300 | 23,300 | 24,000 | 23,100 | 23,300 |
| Rate per 100,000 | 63.5 | 67.5 | 68.8 | 74.4 | 79.6 | 71.4 |

Table 4.3.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 75.1 |
| California | 70.3 |
| County Cluster Urban "C" | 67.1 |
| Statewide Ranking | 28th |

Exhibit 4.3
**Law Enforcement Disposition Rate per 100,000 Population 10-17 Years**

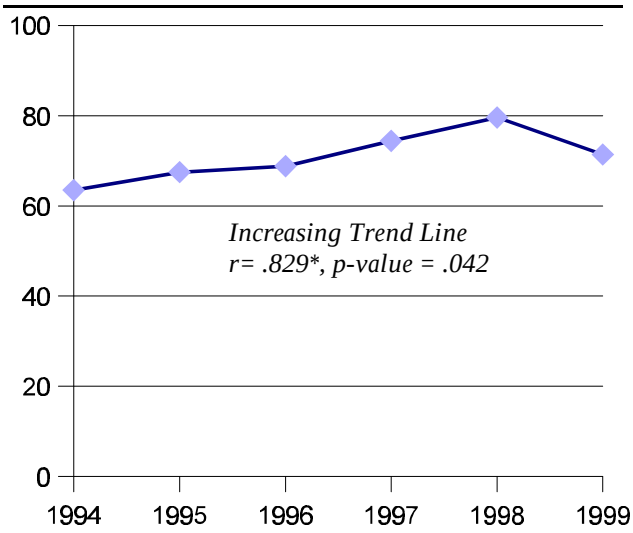



Table 4.3.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 63.5 | 67.5 | 68.8 | 74.4 | 79.6 | 71.4 |
| California | 73.5 | 68.3 | 73.6 | 72.4 | 72.6 | 68.4 |

**Source:**
CA Department of Justice, Law Enforcement Information Center

*Data Notes & Limitations*

*No adjustment is made for repeat offenders or arrests made on new charges while an arrestee is under an out-warrant.*

*The nature and volume of arrests may be influenced by changes in law enforcement legislation, police manpower, and patrol procedures, limiting the comparability of data over time and across jurisdictions.*

## Youth Runaways

*Indicator 4.4*

Table 4.4.1
**Reported Runaways and Rate per 1,000 Population 18 Years and Under**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Reported Runaways | 831 | 717 | 668 | 758 | 691 | 601 |
| Pop < 18 Years | 48,856 | 49,968 | 51,144 | 51,850 | 52,428 | 52,742 |
| Rate per 1,000 | 17.0 | 14.3 | 13.1 | 14.6 | 13.2 | 11.4 |

Table 4.4.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 13.1 |
| California | 11.2 |
| County Cluster Urban "C" | 12.0 |
| Statewide Ranking | 34th |

Exhibit 4.2
**Reported Runaway Rate per 100,000 Youth Under Age 18**

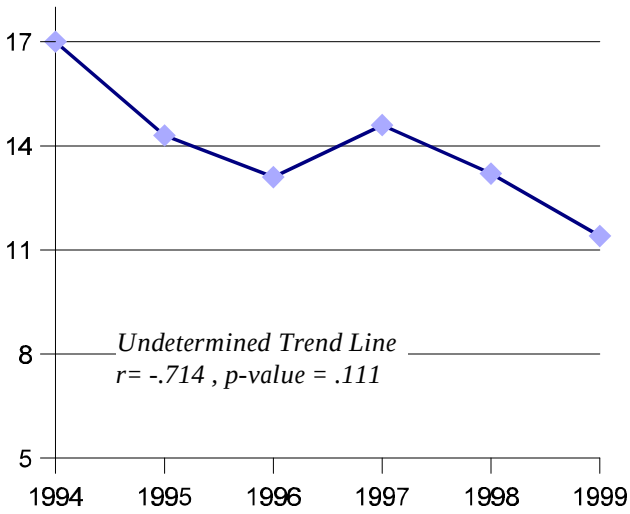



Table 4.4.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 17.0 | 14.3 | 13.1 | 14.6 | 13.2 | 11.4 |
| California | 13.3 | 12.7 | 12.3 | 12.4 | 11.1 | 10.0 |

*Data Notes & Limitations*

*The reported runaway rate is likely to understate actual incidence due to cases in which no missing persons report is filed with law enforcement agencies; no adjustment is made for habitual runways.*

**Source:**
CA Department of Justice, Law Enforcement Information Center, Missing and Unidentified Persons Unit (MUPS)

## Births to Teen Mothers

*Indicator 4.5*

Table 4.5.1
**Births to Teen and Rate per 1000 Female Population Ages 15-19**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Teen Births | 330 | 391 | 396 | 342 | 326 | 296 |
| Pop 15-19 Years | 5795 | 6086 | 6350 | 6621 | 6879 | 7141 |
| Rate per 1,000 | 56.9 | 64.2 | 62.4 | 51.7 | 47.4 | 41.5 |

Table 4.5.2
**1997-1999 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 46.8 |
| California | 53.4 |
| County Cluster Urban "C" | 31.7 |
| Statewide Ranking | 31st |

Exhibit 4.5
**Teen Birth Rate per 1000 Population 15-19 Years**

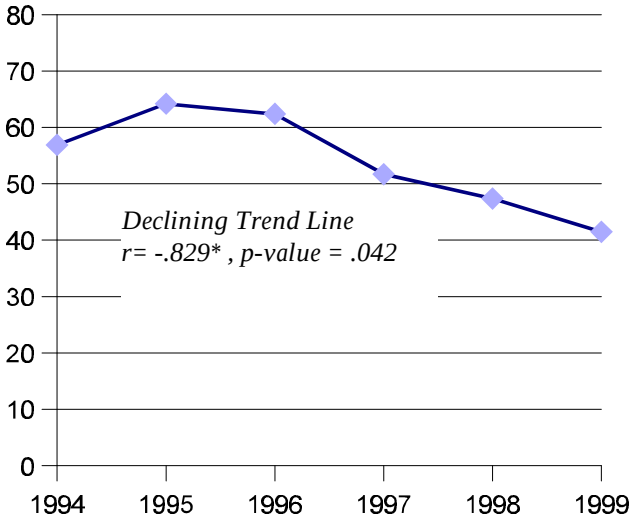



Table 4.5.3
**Annual State & County Comparisons 1994-1999**

| | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|---|---|---|---|---|---|---|
| Butte | 56.9 | 64.2 | 62.4 | 51.7 | 47.4 | 41.5 |
| California | 70.0 | 67.2 | 61.6 | 56.7 | 53.2 | 50.2 |

**Source:**
CA Department of Health Services, Vital Statistics Section

*Data Notes & Limitations*

*The teen birth rate measures the number of females ages 15-19 who carry a pregnancy to term; the rate does not reflect the overall incidence of pregnancy in the adolescent female population.*

## Adolescent Suicides

*Indicator 4.6*

Table 4.6.1
**Adolescent Suicides and Rate per 100,000 Population Under 18 Years**

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|---|
| Adolescent Suicides | 0 | 2 | 1 | 0 | 1 | 1 |
| Pop < 18 Years | 47,858 | 48,856 | 49,968 | 51,144 | 51,850 | 52,428 |
| Rate per 100,000 | 0.0 | 4.1 | 2.0 | 0.0 | 2.0 | 2.0 |

Table 4.6.2
**1996-1998 Comparisons Three Year Average Rates**

| | |
|---|---|
| Butte | 1.3 |
| California | 1.1 |
| County Cluster Urban "C" | 1.4 |
| Statewide Ranking | 38th |

Exhibit 4.6
**Adolescent Suicide Rate per 100,000 Youth Under 18 Years**

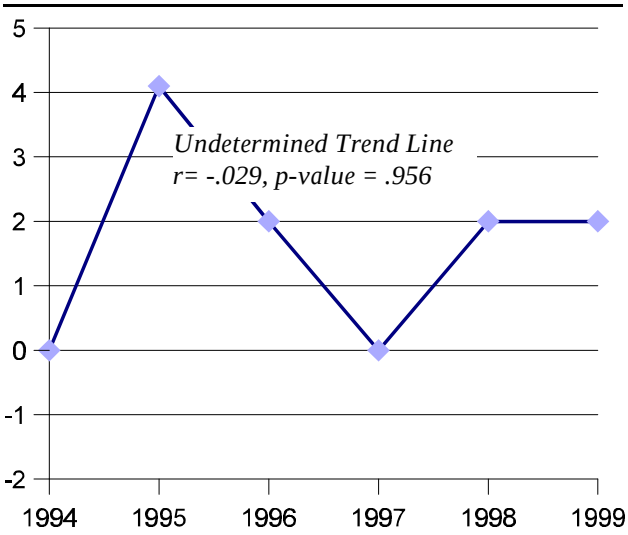



Table 4.6.3
**Annual State & County Comparisons 1993-1998**

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 |
|---|---|---|---|---|---|---|
| Butte | 0.0 | 4.1 | 2.0 | 0.0 | 2.0 | 2.0 |
| California | 2.1 | 1.6 | 1.3 | 1.2 | 1.0 | 1.0 |

**Source:**
CA Department of Health Services, Vital Statistics Section

*Data Notes & Limitations*

*The suicide rate is subject to a high degree of variability due to the small number of events used to calculate rates. It is important to use caution when interpreting data trends and comparisons across small geographic areas.*

# *State & County Data Comparisons*

Table S.1
**County Rankings by Indicator for All California Counties**
Three-Year Average Rates

| | *Community Domain* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C1.1 | C1.2 | C1.3 | C1.4 | C2.1 | C3.1 | C3.2 | C3.3 | C3.4 | C3.5 | C3.6 | C3.7 | C3.8 |
| Alameda | 10th | 49th | 53rd | 54th | 13th | 46th | 3rd | 35th | 9th | 33rd | 51st | 56th | 19th |
| Alpine | 41st | 4th | 4th | 58th | 58th | 58th | 57th | 31st | 58th | 1st | 1st | 1st | 1st |
| Amador | 18th | 18th | 10th | 3rd | 48th | 24th | 11th | 18th | 48th | 3rd | 23rd | 34th | 41st |
| Butte | 29th | 17th | 22nd | 37th | 24th | 13th | 18th | 21st | 25th | 20th | 37th | 24th | 47th |
| Calaveras | 31st | 30th | 2nd | 20th | 43rd | 20th | 33rd | 6th | 55th | 54th | 8th | 2nd | 45th |
| Colusa | 57th | 21st | 58th | 8th | 45th | 57th | 58th | 46th | 50th | 19th | 9th | 4th | 10th |
| Contra Costa | 7th | 50th | 36th | 43rd | 8th | 23rd | 6th | 4th | 2nd | 47th | 55th | 41st | 11th |
| Del Norte | 37th | 10th | 14th | 33rd | 41st | 18th | 46th | 56th | 53rd | 6th | 36th | 16th | 57th |
| El Dorado | 14th | 44th | 19th | 5th | 38th | 11th | 24th | 19th | 33rd | 44th | 24th | 12th | 36th |
| Fresno | 53rd | 25th | 43rd | 57th | 20th | 43rd | 36th | 42nd | 34th | 36th | 39th | 36th | 22nd |
| Glenn | 48th | 11th | 40th | 24th | 39th | 22nd | 49t | 41st | 30th | 22nd | 3rd | 10th | 23rd |
| Humboldt | 24th | 12th | 13th | 47th | 40th | 32nd | 48th | 52nd | 42nd | 45th | 45th | 27th | 52nd |
| Imperial | 58th | 24th | 56th | 49th | 25th | 56th | 54th | 15th | 37th | 29th | 20th | 8th | 27th |
| Inyo | 25th | 5th | 15th | 23rd | 53rd | 36th | 55th | 58th | 41st | 13th | 18th | 7th | 55th |
| Kern | 46th | 39th | 28th | 46th | 21st | 53rd | 26th | 12th | 22nd | 34th | 33rd | 49th | 38th |
| Kings | 52nd | 56th | 31st | 22nd | 9th | 31st | 43rd | 51st | 24th | 7th | 10th | 50th | 16th |
| Lake | 36th | 13th | 21st | 38th | 42nd | 48th | 52nd | 57th | 47th | 25th | 22nd | 47th | 58th |
| Lassen | 35th | 19th | 8th | 2nd | 28th | 1st | 19th | 22nd | 23rd | 43rd | 2nd | 52nd | 15th |
| Los Angeles | 22nd | 33rd | 48th | 34th | 1st | 35th | 5th | 3rd | 14th | 23rd | 53rd | 55th | 18th |
| Madera | 49th | 47th | 29th | 41st | 22nd | 6th | 25th | 43rd | 45th | 28th | 5th | 31st | 32nd |
| Marin | 2nd | 23rd | 30th | 9th | 34th | 5th | 12th | 26th | 4th | 12th | 49th | 57th | 28th |
| Mariposa | 32nd | 8th | 6th | 25th | 47th | 9th | 13th | 32nd | 44th | 49th | 4th | 20th | 51st |
| Mendocino | 27th | 15th | 26th | 17th | 46th | 47th | 42nd | 45th | 49th | 42nd | 30th | 32nd | 54th |
| Merced | 54th | 37th | 47th | 48th | 15th | 41st | 47th | 39th | 36th | 16th | 17th | 17th | 21st |
| Modoc | 43rd | 2nd | 11th | 1st | 52nd | 15th | 35th | 2nd | 46th | 39th | 6th | 15th | 30th |
| Mono | 33rd | 22nd | 23rd | 51st | 57th | 4th | 41st | 25th | 54th | 48th | 15th | 13th | 9th |
| Monterrey | 42nd | 55th | 49th | 28th | 33rd | 19th | 39th | 34th | 10th | 10th | 27th | 45th | 13th |
| Napa | 12th | 38th | 45th | 16th | 50th | 12th | 38th | 20th | 35th | 21st | 58th | 21st | 40th |
| Nevada | 16th | 29th | 9th | 12th | 36th | 8th | 32nd | 24th | 29th | 5th | 21st | 26th | 43rd |
| Orange | 3rd | 51st | 50th | 14th | 5th | 27th | 9th | 11th | 5th | 17th | 50th | 40th | 4th |
| Placer | 9th | 57th | 17th | 21st | 29th | 17th | 30th | 27th | 16th | 32nd | 57th | 3rd | 12th |
| Plumas | 49th | 9th | 5th | 26th | 55th | 7th | 53rd | 54th | 52nd | 51st | 31st | 14th | 49th |
| Riverside | 23rd | 54th | 27th | 40th | 6th | 38th | 16th | 36th | 19th | 15th | 54th | 51st | 31st |

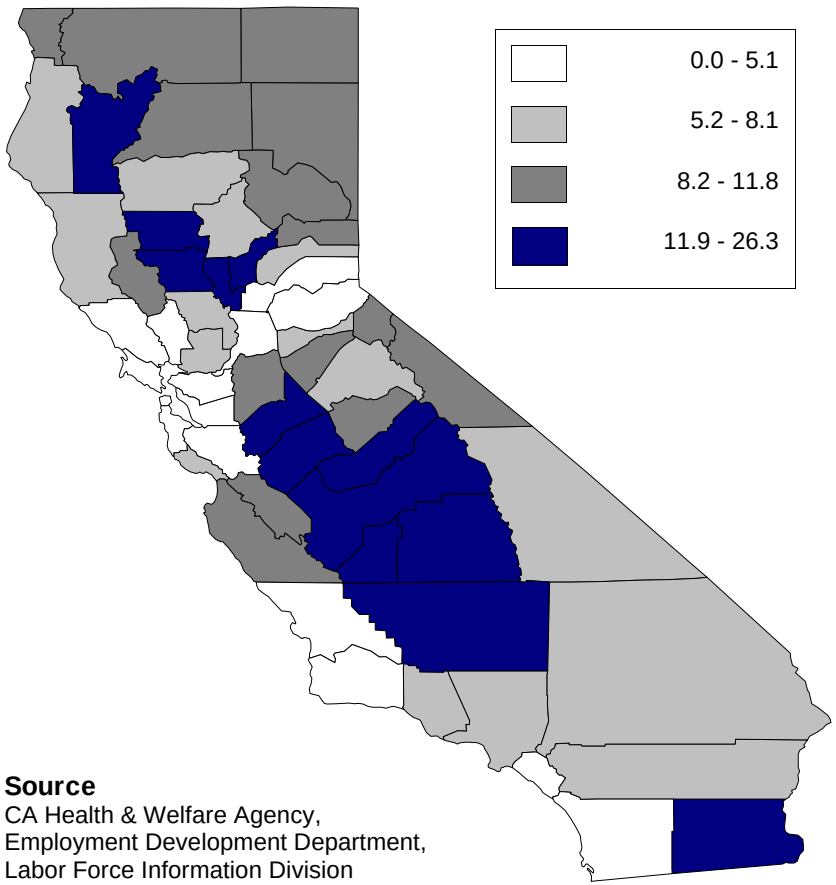
| | *Community Domain* | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C1.1 | C1.2 | C1.3 | C1.4 | C2.1 | C3.1 | C3.2 | C3.3 | C3.4 | C3.5 | C3.6 | C3.7 | C3.8 |
| Sacramento | 15th | 52nd | 37th | 53rd | 11th | 39th | 15th | 1st | 18th | 11th | 42nd | 48th | 34th |
| San Benito | 38th | 58th | 46th | 19th | 23rd | 2nd | 31st | 13th | 38th | 2nd | 7th | 18th | 5th |
| San Bernardino | 20th | 43rd | 24th | 42nd | 2nd | 49th | 20th | 10th | 20th | 14th | 52nd | 37th | 26th |
| San Diego | 8th | 53rd | 42nd | 30th | 3rd | 40th | 8th | 9th | 17th | 26th | 46th | 53rd | 14th |
| San Fransisco | 6th | 27th | 57th | 56th | 49th | 55th | 1st | 16th | 6th | 58th | 43rd | 58th | 53rd |
| San Joaquin | 40th | 46th | 39th | 52nd | 12th | 34th | 27th | 14th | 31st | 53rd | 35th | 43rd | 39th |
| San Luis Obispo | 11th | 36th | 18th | 13th | 37th | 21st | 34th | 37th | 15th | 4th | 26th | 35th | 29th |
| San Mateo | 1st | 35th | 54th | 11th | 17th | 10th | 7th | 8th | 1st | 35th | 40th | 38th | 7th |
| Santa Barbara | 13th | 28th | 35th | 15th | 27th | 28th | 28th | 48th | 8th | 30th | 47th | 23rd | 24th |
| Santa Clara | 4th | 40th | 55th | 18th | 10th | 30th | 4th | 23rd | 3rd | 24th | 32nd | 39th | 3rd |
| Santa Cruz | 26th | 31st | 41st | 32nd | 26th | 44th | 37th | 55th | 21st | 38th | 29th | 44th | 17th |
| Shasta | 34th | 16th | 3rd | 39th | 35th | 50th | 29th | 40th | 43rd | 37th | 56th | 6th | 50th |
| Sierra | 44th | 1st | 12th | 4th | 56th | 26th | 51st | 49th | 57th | 46th | 19th | 46th | 2nd |
| Siskiyou | 45th | 7th | 16th | 10th | 51st | 14th | 44th | 50th | 39th | 41st | 12th | 9th | 44th |
| Solano | 19th | 48th | 32nd | 44th | 4th | 29th | 2nd | 17th | 7th | 8th | 16th | 54th | 6th |
| Sonoma | 5th | 45th | 25th | 27th | 30th | 25th | 22nd | 29th | 27th | 56th | 34th | 42nd | 37th |
| Stanislaus | 47th | 41st | 44th | 55th | 14th | 45th | 14th | 30th | 28th | 18th | 38th | 33rd | 35th |
| Sutter | 55th | 32nd | 52nd | 31st | 16th | 33rd | 50th | 44th | 13th | 52nd | 44th | 29th | 25th |
| Tehama | 30th | 14th | 20th | 35th | 32nd | 16th | 40th | 38th | 40th | 57th | 11th | 5th | 46th |
| Trinity | 51st | 3rd | 1st | 6th | 54th | 54th | 56th | 5th | 56th | 40th | 28th | 25th | 56th |
| Tulare | 56th | 26th | 38th | 45th | 19th | 51st | 45th | 47th | 32nd | 27th | 13th | 19th | 33rd |
| Tuolumne | 28th | 20th | 7th | 29th | 44th | 3rd | 23rd | 28th | 51st | 31st | 41st | 30th | 48th |
| Ventura | 21st | 42nd | 33rd | 7th | 7th | 37th | 10th | 7th | 12th | 9th | 48th | 28th | 8th |
| Yolo | 17th | 34th | 51st | 36th | 18th | 42nd | 21st | 33rd | 11th | 50th | 14th | 11th | 20th |
| Yuba | 50th | 6th | 34th | 50th | 31st | 52nd | 17th | 53rd | 26th | 55th | 25th | 22nd | 42nd |

| | *Family Domain* | | | | *School Domain* | | | *Individual Domain* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F1.1 | F2.1 | F2.2 | F2.3 | S1.1 | S2.1 | S2.2 | I1.1 | I1.2 | I2.1 | I2.2 | I2.3 | I2.4 |
| Alameda | 30th | 42nd | 4th | 40th | 34th | 15th | 41st | 16th | 12th | 24th | 24th | 22nd | 28th |
| Alpine | 37th | 2nd | 55th | 58th | 1st | 55th | 58th | 1st | 58th | 44th | 4th | 49th | 1st |
| Amador | 9th | 12th | 20th | 10th | 6th | 40th | 55th | 3rd | 16th | 38th | 10th | 5th | 56th |
| Butte | 47th | 36th | 53rd | 55th | 53rd | 49th | 44th | 8th | 40th | 34th | 31st | 28th | 38th |
| Calaveras | 26th | 10th | 45th | 33rd | 19th | 34th | 7th | 22nd | 37th | 18th | 8th | 6th | 2nd |
| Colusa | 19th | 40th | 15th | 13th | 7th | 10th | 43rd | 47th | 50th | 2nd | 41st | 18th | 3rd |
| Contra Costa | 18th | 28th | 25th | 25th | 21st | 29th | 22nd | 12th | 8th | 19th | 18th | 13th | 22nd |
| Del Norte | 52nd | 56th | 51st | 53rd | 22nd | 58th | 56th | 2nd | 45th | 52nd | 44th | 32nd | 4th |
| El Dorado | 7th | 26th | 12th | 24th | 17th | 47th | 25th | 57th | 32nd | 26th | 9th | 16th | 57th |
| Fresno | 55th | 52nd | 31st | 41st | 56th | 20th | 39th | 11th | 39th | 54th | 56th | 54th | 49th |
| Glenn | 43rd | 55th | 41st | 44th | 31st | 3rd | 6th | 41st | 17th | 4th | 40th | 31st | 5th |
| Humboldt | 36th | 23rd | 56th | 32nd | 47th | 57th | 52nd | 17th | 46th | 57th | 22nd | 41st | 51st |
| Imperial | 56th | 31st | 22nd | 20th | 14th | 11th | 28th | 51st | 44th | 29th | 46th | 23rd | 29th |
| Inyo | 24th | 24th | 38th | 37th | 5th | 51st | 31st | 32nd | 38th | 13th | 35th | 12th | 6th |
| Kern | 48th | 8th | 33rd | 34th | 49th | 22nd | 18th | 24th | 23rd | 36th | 54th | 44th | 43rd |
| Kings | 38th | 13th | 36th | 19th | 28th | 9th | 27th | 38th | 53rd | 48th | 57th | 58th | 7th |
| Lake | 51st | 37th | 57th | 46th | 41st | 56th | 51st | 44th | 30th | 15th | 38th | 19th | 8th |
| Lassen | 33rd | 33rd | 58th | 51st | 39th | 27th | 35th | 55th | 41st | 28th | 25th | 40th | 9th |
| Los Angeles | 39th | 39th | 14th | 47th | 52nd | 7th | 9th | 13th | 5th | 9th | 45th | 17th | 31st |
| Madera | 49th | 32nd | 40th | 11th | 44th | 30th | 50th | 46th | 27th | 53rd | 55th | 47th | 10th |
| Marin | 1st | 3rd | 5th | 6th | 8th | 31st | 14th | 29th | 47th | 12th | 2nd | 27th | 27th |
| Mariposa | 28th | 22nd | 47th | 36th | 29th | 48th | 30th | 48th | 9th | 39th | 20th | 10th | 11th |
| Mendocino | 35th | 51st | 54th | 49th | 46th | 54th | 54th | 27th | 48th | 35th | 30th | 37th | 40th |
| Merced | 57th | 43rd | 35th | 15th | 38th | 12th | 36th | 36th | 31st | 47th | 52nd | 55th | 24th |
| Modoc | 45th | 38th | 24th | 52nd | 4th | 5th | 57th | 53rd | 1st | 7th | 15th | 1st | 12th |
| Mono | 4th | 44th | 17th | 14th | 9th | 1st | 3rd | 15th | 3rd | 3rd | 12th | 3rd | 13th |
| Monterey | 22nd | 19th | 16th | 9th | 45th | 45th | 34th | 4th | 20th | 6th | 53rd | 26th | 47th |
| Napa | 3rd | 6th | 1st | 22nd | 3rd | 37th | 8th | 52nd | 7th | 11th | 17th | 2nd | 14th |
| Nevada | 5th | 7th | 32nd | 23rd | 48th | 50th | 19th | 43rd | 43rd | 49th | 6th | 35th | 52nd |
| Orange | 12th | 21st | 3rd | 5th | 23rd | 4th | 2nd | 23rd | 15th | 8th | 32nd | 20th | 26th |
| Placer | 6th | 1st | 27th | 18th | 16th | 26th | 12th | 26th | 29th | 22nd | 5th | 11th | 46th |
| Plumas | 21st | 29th | 48th | 30th | 18th | 8th | 4th | 58th | 54th | 25th | 3rd | 57th | 58th |
| Riverside | 29th | 34th | 19th | 27th | 30th | 41st | 42nd | 18th | 2nd | 33rd | 47th | 4th | 33rd |
| Sacramento | 53rd | 41st | 37th | 48th | 50th | 16th | 45th | 10th | 18th | 40th | 39th | 14th | 45th |
| San Benito | 20th | 16th | 13th | 8th | 20th | 13th | 16th | 31st | 10th | 27th | 48th | 21st | 15th |
| San Bernardino | 44th | 25th | 30th | 29th | 43rd | 32nd | 37th | 14th | 6th | 23rd | 50th | 36th | 35th |

| | *Family Domain* | | | | *School Domain* | | | *Individual Domain* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F1.1 | F2.1 | F2.2 | F2.3 | S1.1 | S2.1 | S2.2 | I1.1 | I1.2 | I2.1 | I2.2 | I2.3 | I2.4 |
| San Diego | 23rd | 45th | 39th | 21st | 36th | 18th | 17th | 30th | 14th | 20th | 34th | 24th | 32nd |
| San Francisco | 16th | * | 9th | 56th | 58th | 2nd | 48th | 37th | 22nd | 32nd | 13th | 25th | 23rd |
| San Joaquin | 50th | 50th | 18th | 31st | 11th | 42nd | 53rd | 9th | 11th | 46th | 49th | 39th | 42nd |
| San Luis Obispo | 11th | 4th | 46th | 26th | 10th | 39th | 47th | 45th | 28th | 31st | 7th | 7th | 48th |
| San Mateo | 2nd | 15th | 2nd | 1st | 13th | 36th | 23rd | 28th | 13th | 10th | 14th | 15th | 39th |
| Santa Barbara | 17th | 9th | 29th | 3rd | 27th | 25th | 29th | 33rd | 52nd | 14th | 33rd | 46th | 37th |
| Santa Clara | 14th | 14th | 6th | 7th | 35th | 21st | 20th | 20th | 36th | 30th | 26th | 29th | 30th |
| Santa Cruz | 13th | 5th | 26th | 17th | 40th | 44th | 38th | 40th | 56th | 37th | 21st | 53rd | 44th |
| Shasta | 46th | 48th | 43rd | 42nd | 32nd | 33rd | 21st | 39th | 24th | 58th | 36th | 56th | 41st |
| Sierra | 15th | 17th | 11th | 54th | 26th | 6th | 1st | 56th | 57th | 1st | 1st | 51st | 16th |
| Siskiyou | 41st | 35th | 44th | 57th | 55th | 28th | 13th | 35th | 42nd | 5th | 27th | 34th | 50th |
| Solano | 25th | 46th | 7th | 12th | 15th | 23rd | 24th | 19th | 21st | 45th | 29th | 43rd | 53rd |
| Sonoma | 8th | 27th | 10th | 4th | 37th | 46th | 33rd | 54th | 51st | 41st | 19th | 30th | 54th |
| Stanislaus | 42nd | 54th | 28th | 16th | 51st | 38th | 49th | 7th | 25th | 42nd | 43rd | 45th | 25th |
| Sutter | 31st | 47th | 34th | 39th | 57th | 17th | 40th | 5th | 4th | 43rd | 37th | 8th | 17th |
| Tehama | 40th | 57th | 50th | 45th | 25th | 35th | 11th | 50th | 35th | 55th | 42nd | 42nd | 18th |
| Trinity | 34th | 18th | 52nd | 43rd | 2nd | 53rd | 15th | 42nd | 55th | 17th | 23rd | 48th | 19th |
| Tulare | 54th | 30th | 21st | 35th | 54th | 43rd | 46th | 49th | 19th | 50th | 58th | 38th | 34th |
| Tuolumne | 27th | 20th | 42nd | 28th | 12th | 52nd | 32nd | 21st | 26th | 56th | 16th | 50th | 20th |
| Ventura | 10th | 49th | 8th | 2nd | 24th | 24th | 5th | 25th | 34th | 21st | 28th | 33rd | 36th |
| Yolo | 32nd | 11th | 23rd | 38th | 33rd | 19th | 10th | 34th | 49th | 51st | 11th | 52nd | 55th |
| Yuba | 58th | 53rd | 49th | 50th | 42nd | 14th | 26th | 6th | 33rd | 16th | 51st | 9th | 21st |

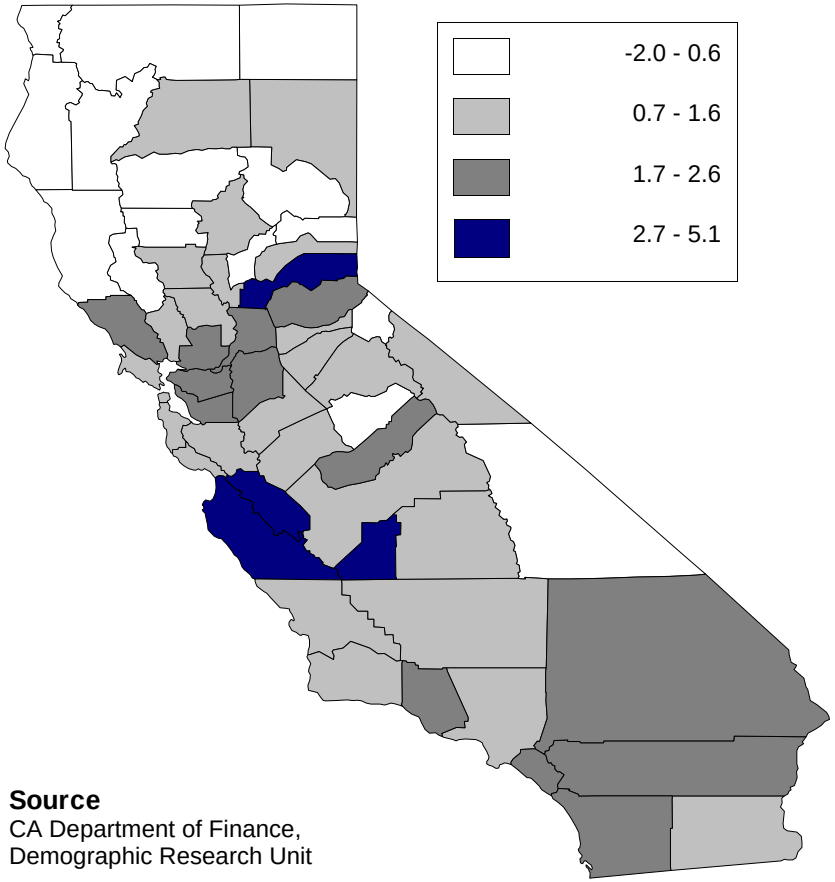
** Note: San Francisco is excluded from state ranking due to error in SF County reporting.*

*Indicator 1.1*
**Annual Unemployment Rate**
*Community Domain*




**Source**
CA Health & Welfare Agency,
Employment Development Department,
Labor Force Information Division

*Indicator 1.2*
**Population Growth Per Annum (% Change)**
*Community Domain*

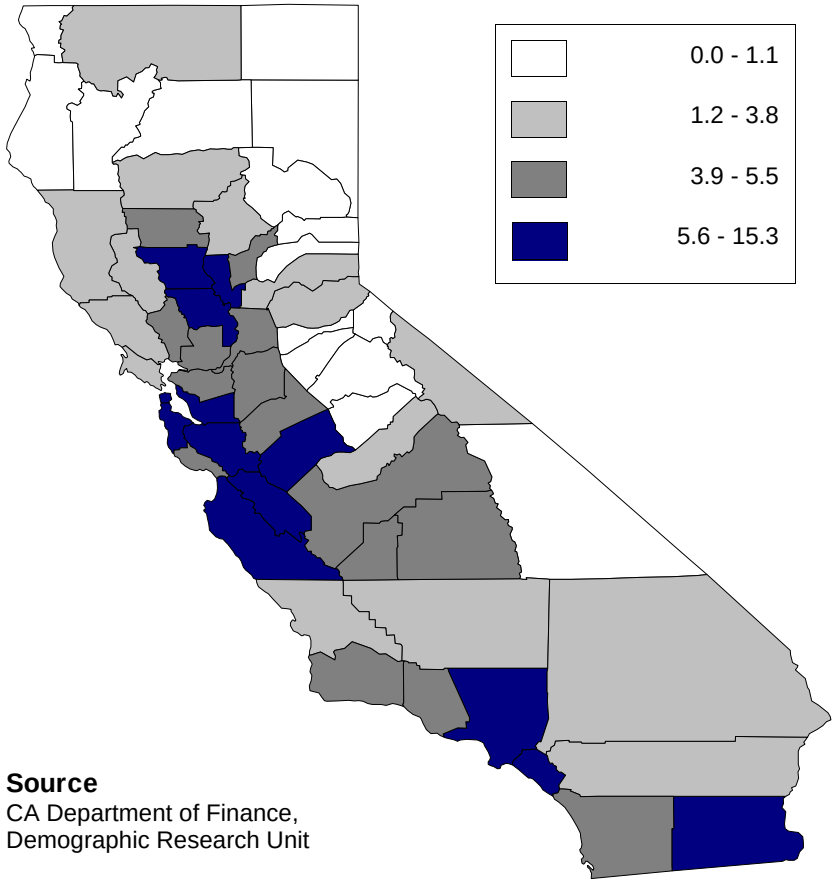



**Source**
CA Department of Finance,
Demographic Research Unit

*Indicator 1.3*

**Legal Foreign Immigration Rate per 100,000 Population**

*Community Domain*

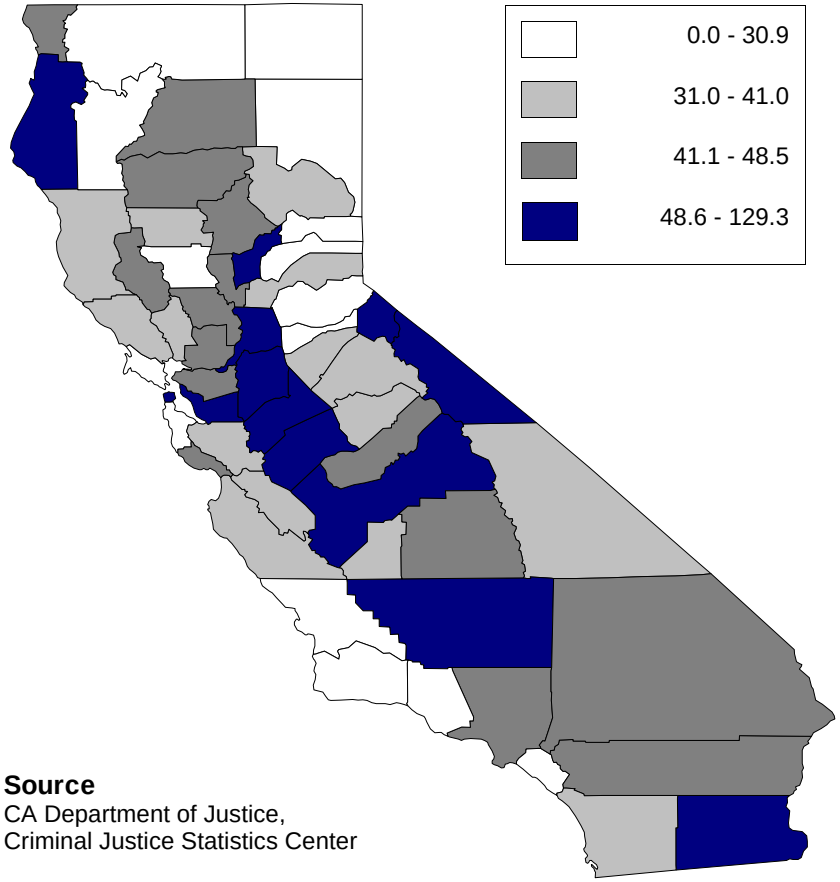



**Source**
CA Department of Finance,
Demographic Research Unit

*Indicator 1.4*

**Reported Crime Rate per 100,000 Population**

*Community Domain*

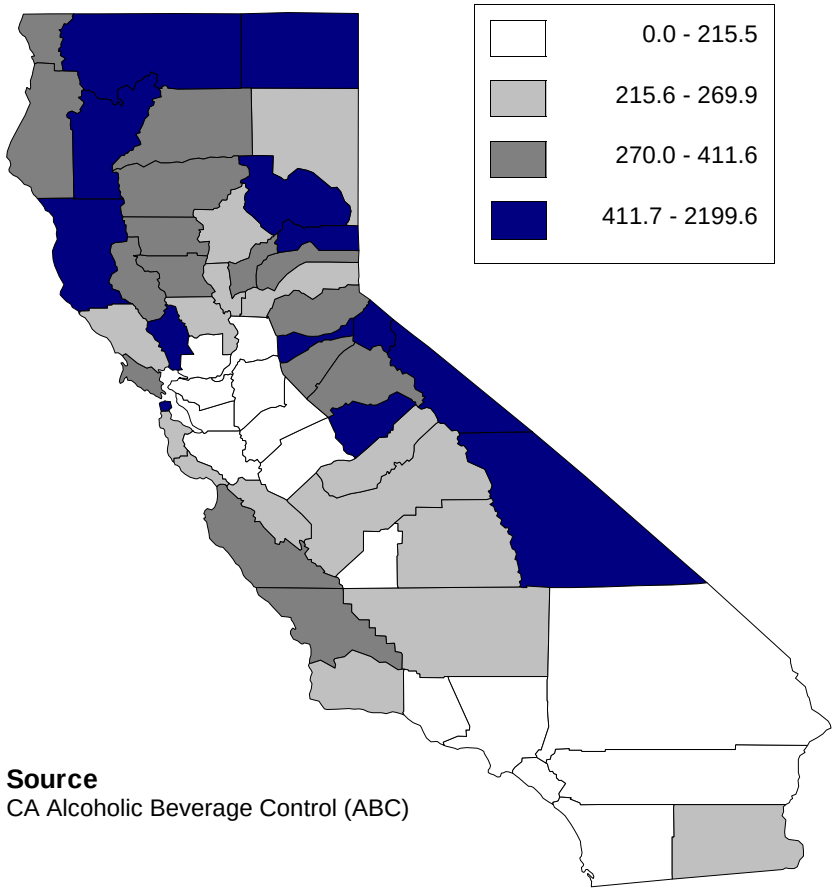



**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 1.5*

**Retail Alcohol Outlets per 100,000 Population**

*Community Domain*

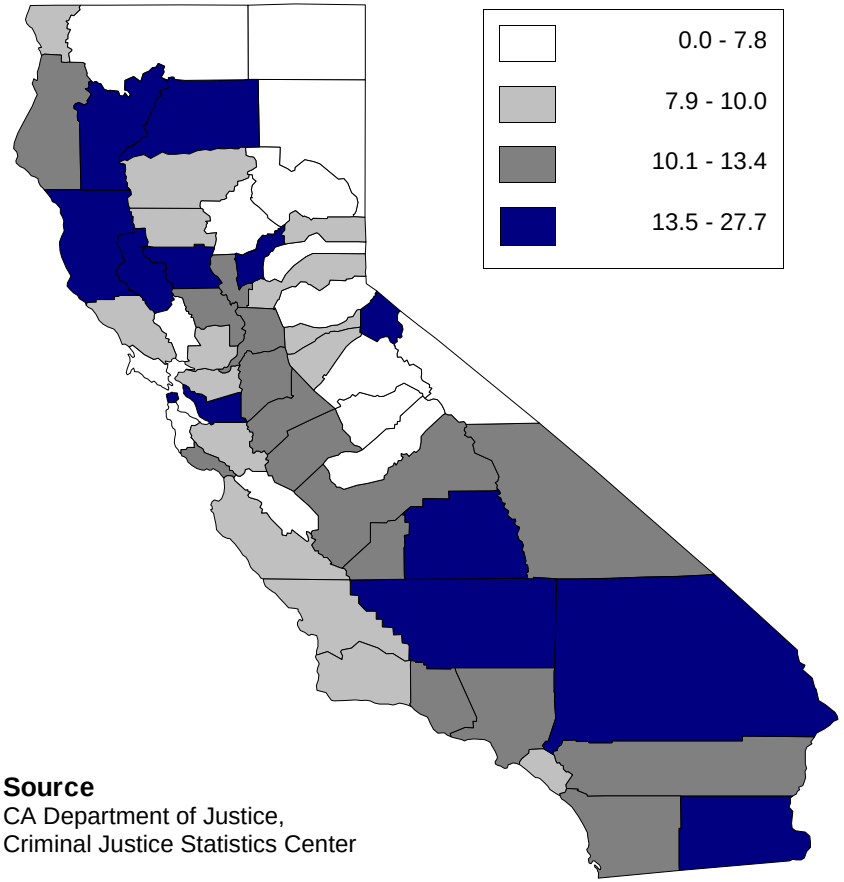



**Source**
CA Alcoholic Beverage Control (ABC)

*Indicator 1.6*

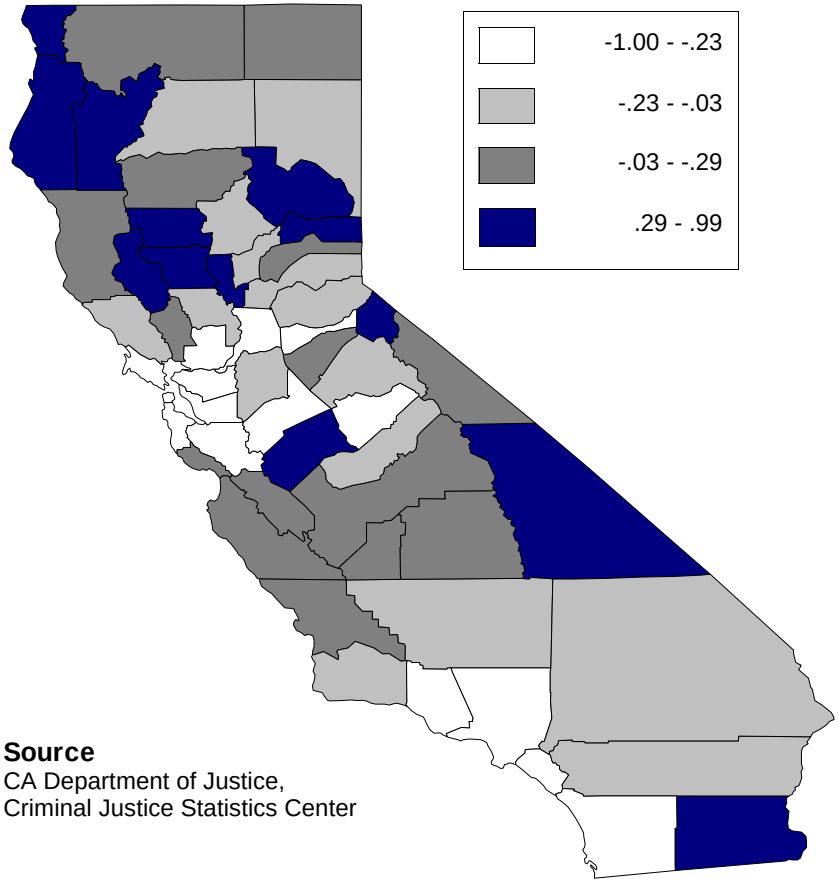
**Adult Arrests for Drug Offenses per 1,000 Population 18-69**

*Community Domain*



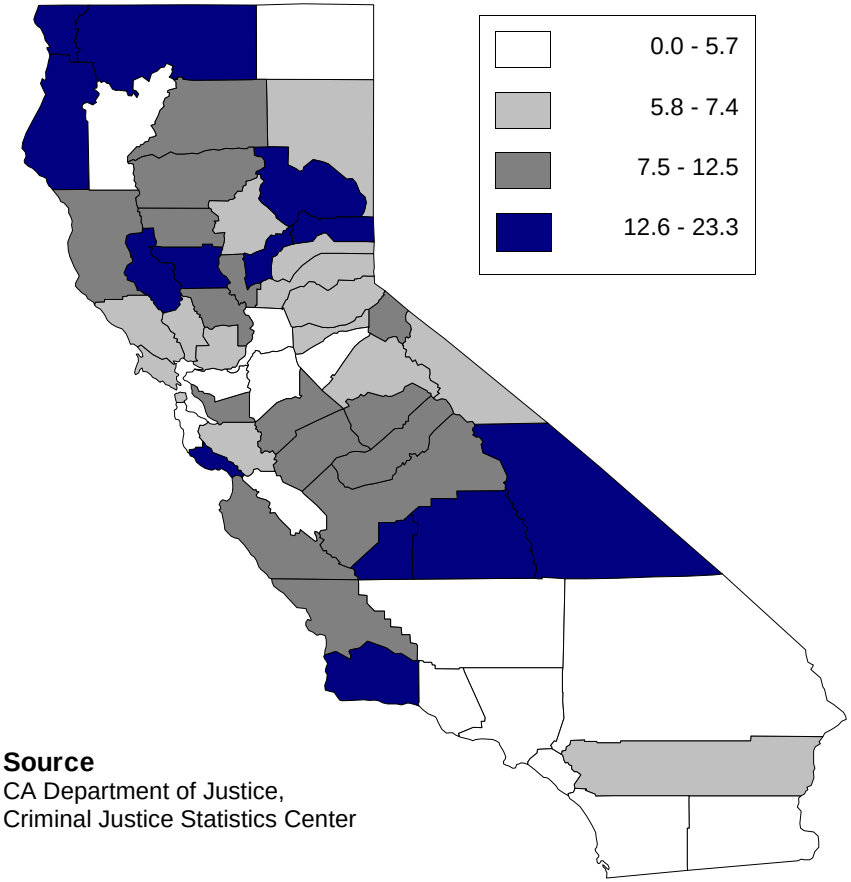

**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 1.7*
**Adult Arrests for DUI per 1,000 Population 18-69**
*Community Domain*




**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 1.8*
**Adult Arrests for Alcohol Violations per 1,000 Population 18-69**
*Community Domain*

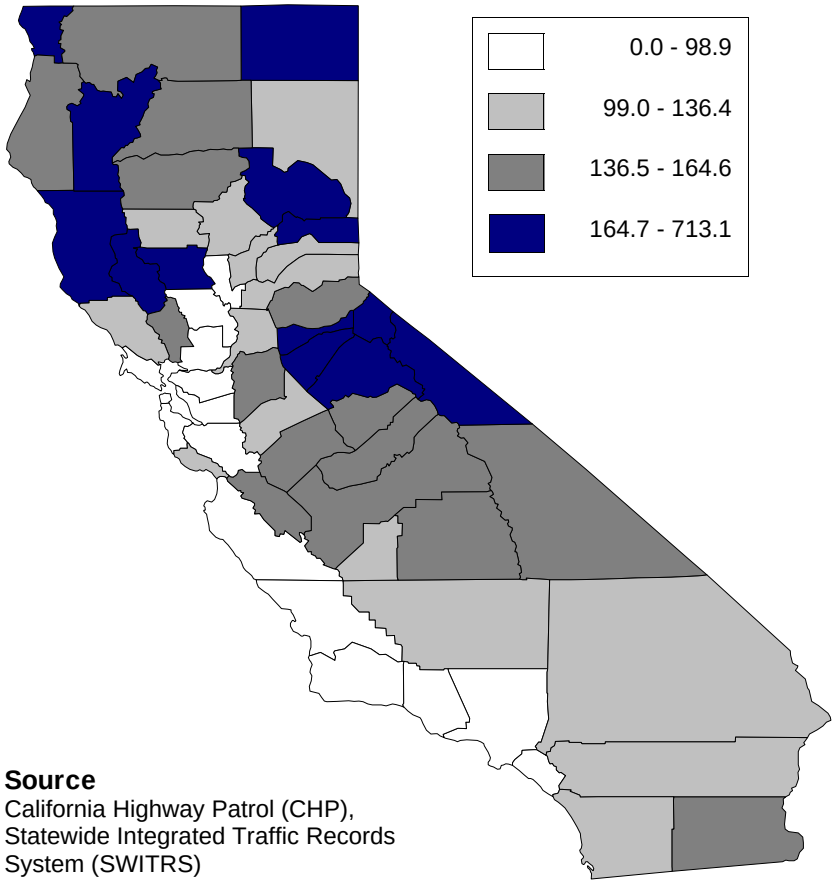



**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 1.9*

**Alcohol-Involved Motor Vehicle Accidents per 1,000 Drivers**

*Community Domain*

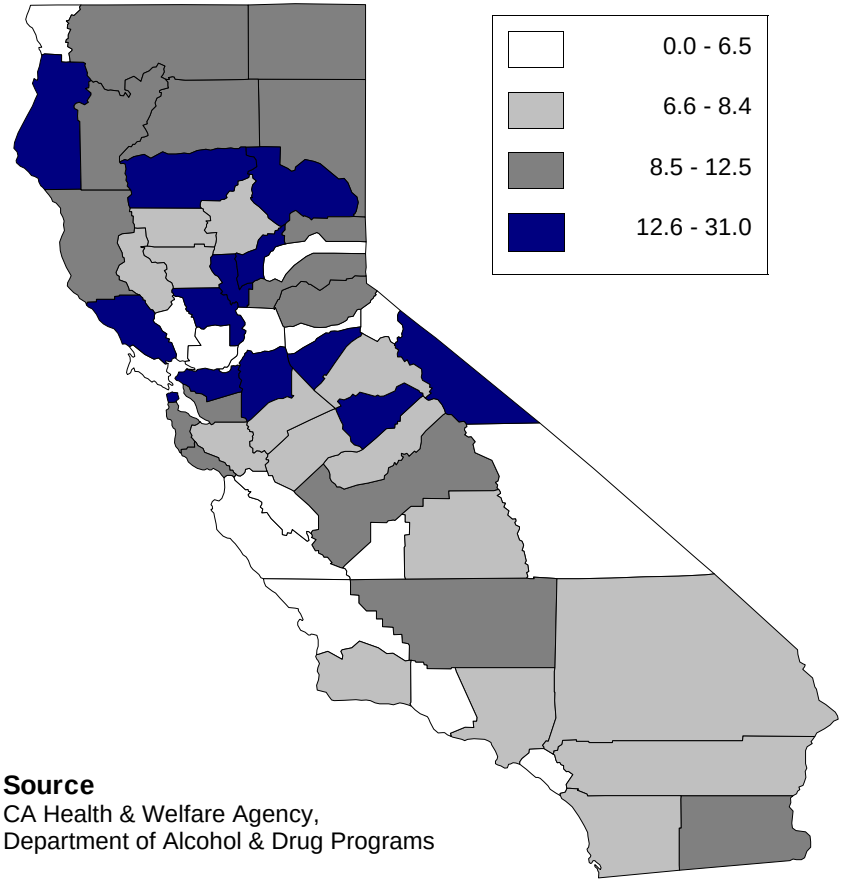



**Source**
California Highway Patrol (CHP), Statewide Integrated Traffic Records System (SWITRS)

*Indicator 1.10*

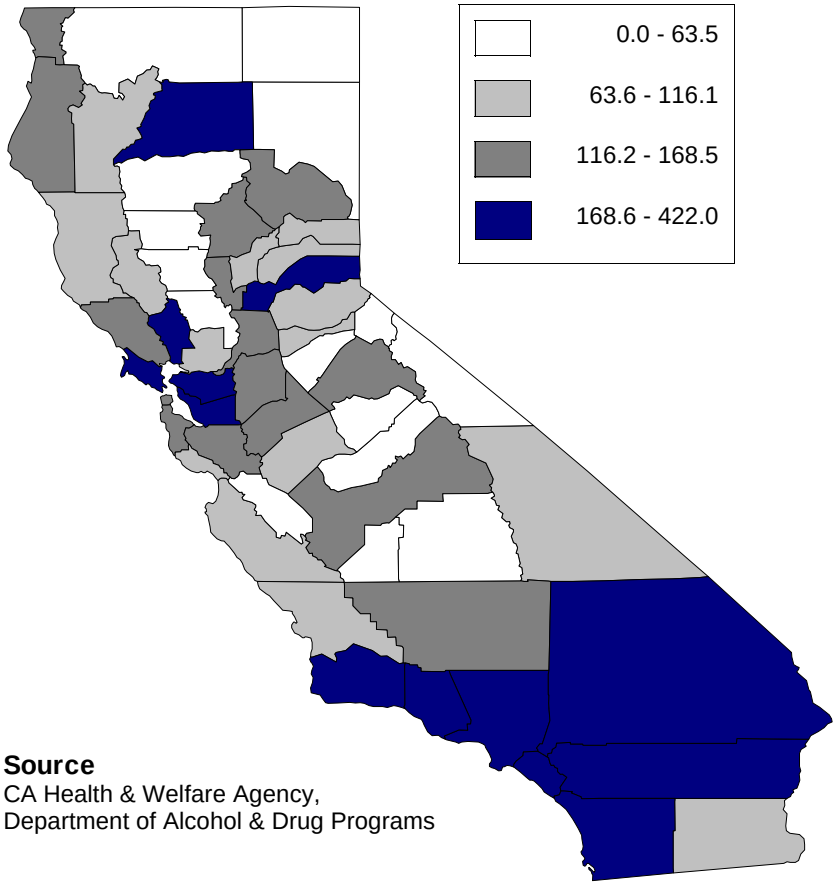
**Adult AOD Treatment Admissions per 1,000 Population Over 18**

*Community Domain*



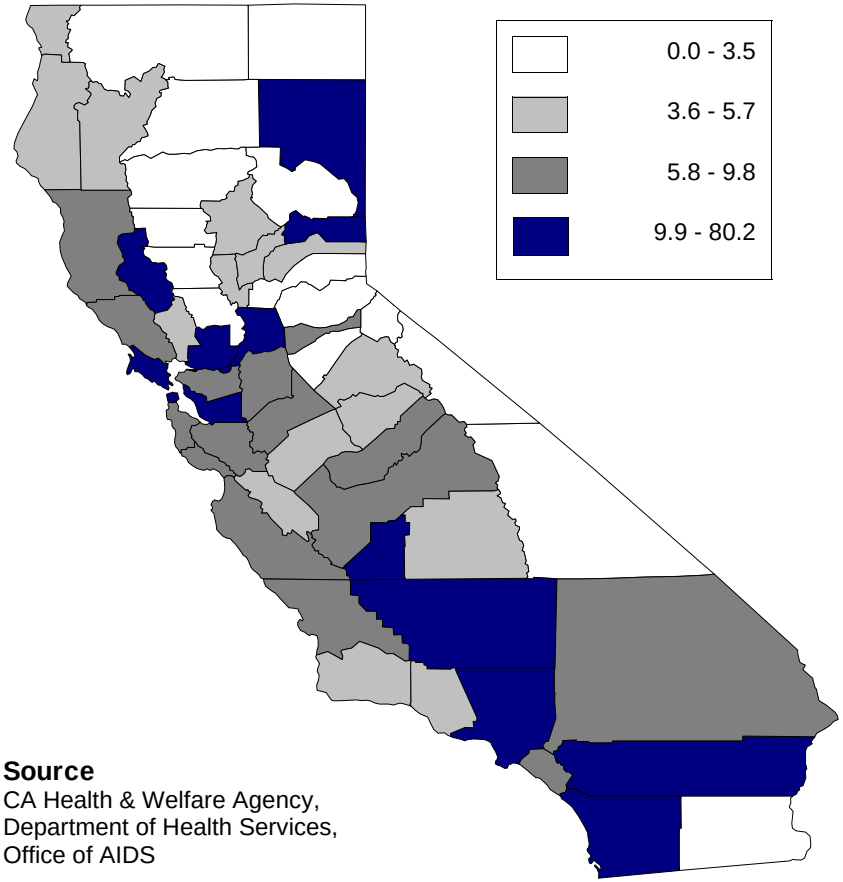

**Source**
CA Health & Welfare Agency, Department of Alcohol & Drug Programs

*Indicator 1.11*
**Hospital Discharges for AOD Related Causes per 100,000**
*Community Domain*




**Source**
CA Health & Welfare Agency,
Department of Alcohol & Drug Programs

*Indicator 1.12*
**AIDS Case Rate per 1,000 Population**
*Community Domain*

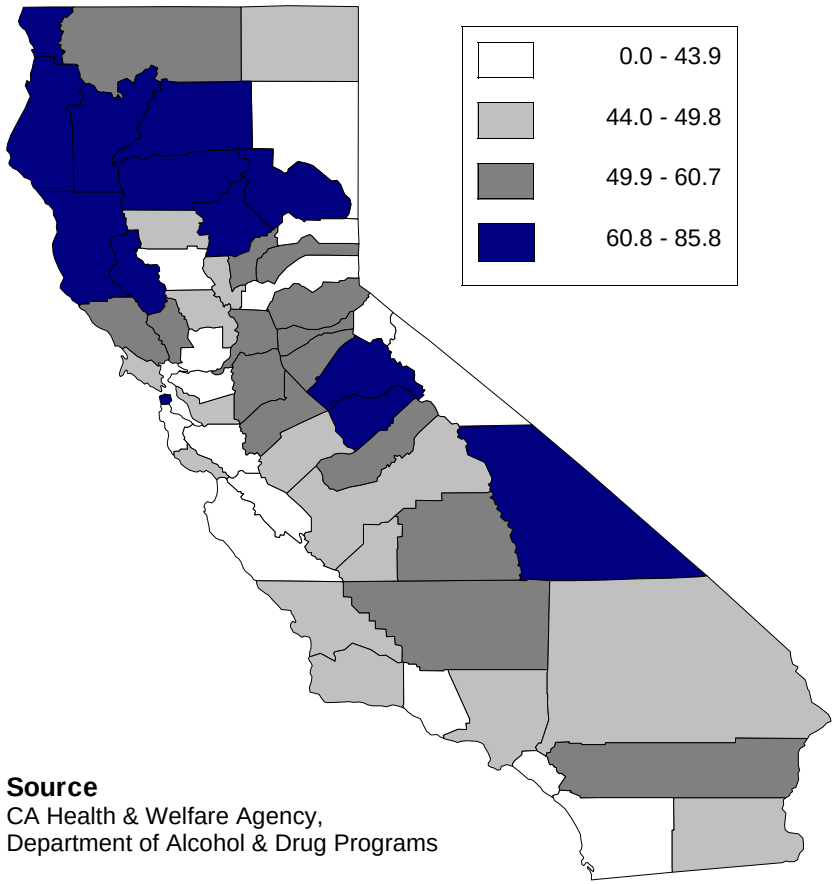



**Source**
CA Health & Welfare Agency,
Department of Health Services,
Office of AIDS

*Indicator 1.13*

**Deaths Due to AOD Related Causes per 100,000 Population**

*Community Domain*

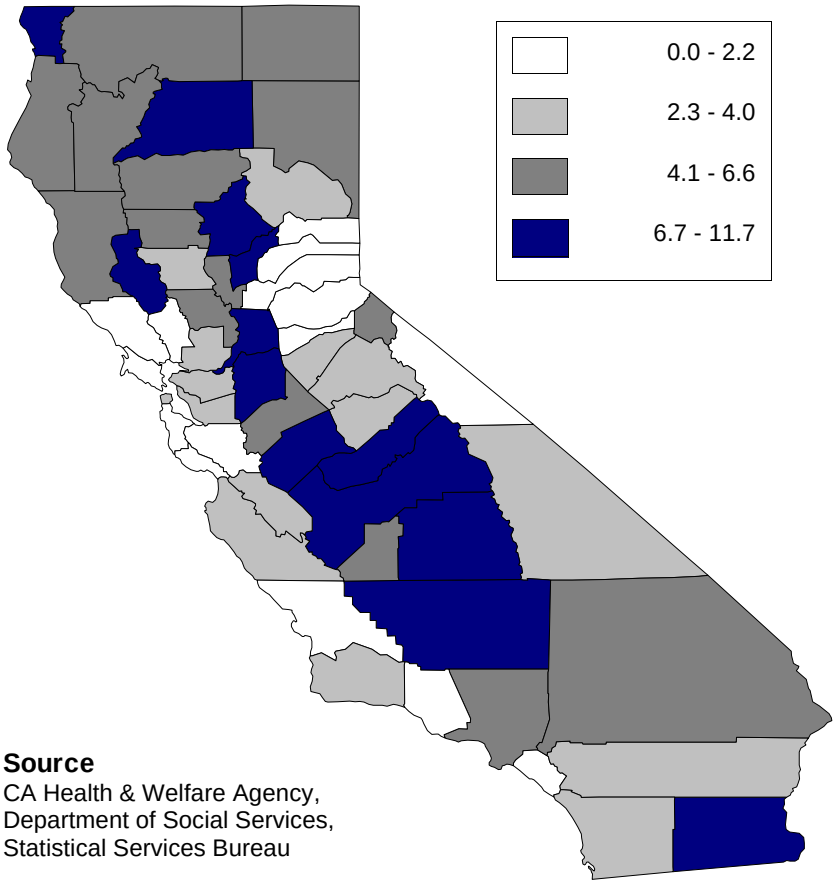



**Source**
CA Health & Welfare Agency,
Department of Alcohol & Drug Programs

*Indicator 2.1*

**TANF Recipients as a % of Total Population**

*Family Domain*

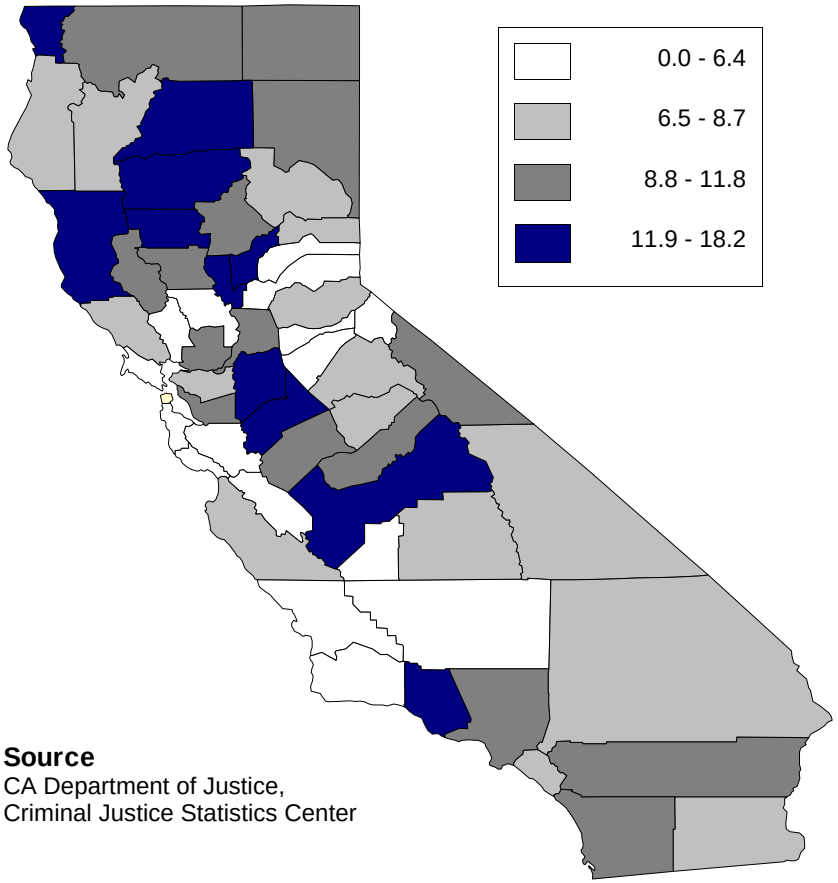



**Source**
CA Health & Welfare Agency,
Department of Social Services,
Statistical Services Bureau

*Indicator 2.2*

**Domestic Violence Calls per 1,000 Population Ages 18-69**

*Family Domain*

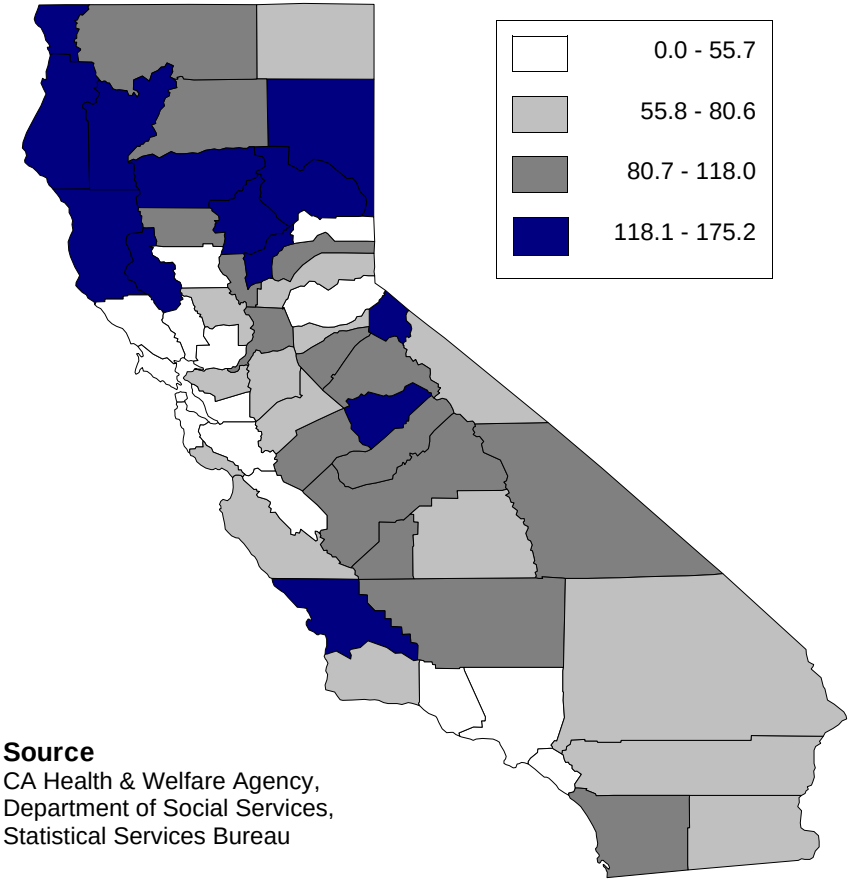



**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 2.3*

**Emergency Response Dispositions per 1,000 Population Under 18**

*Family Domain*

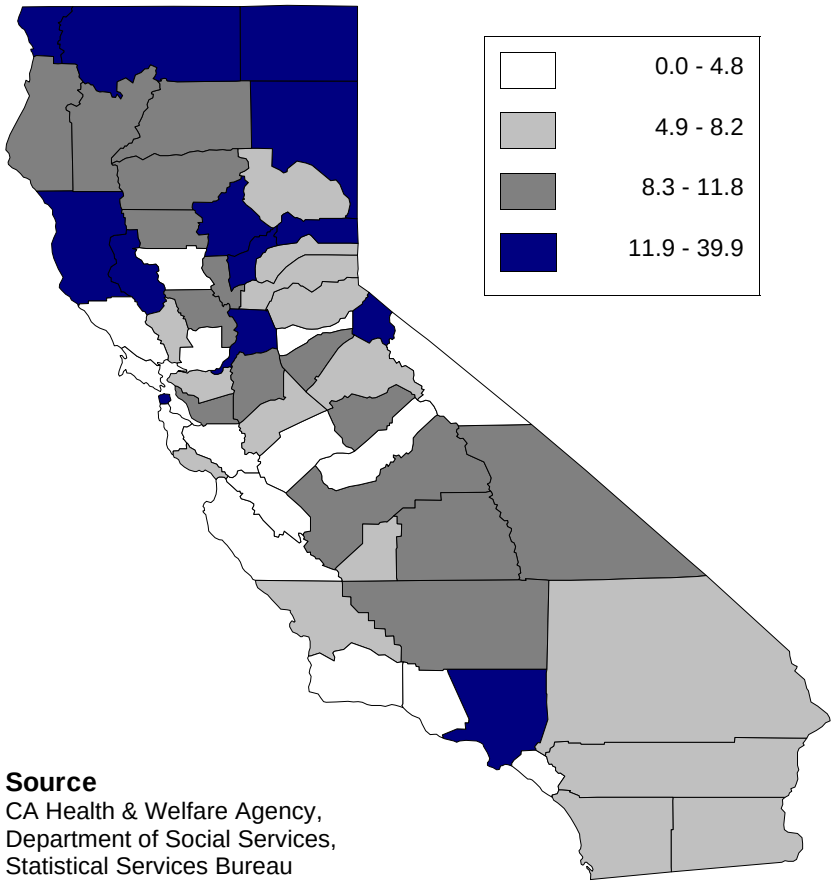



**Source**
CA Health & Welfare Agency,
Department of Social Services,
Statistical Services Bureau

*Indicator 2.4*

**Foster Care Placements per 1,000 Population Under 18 Years**

*Family Domain*

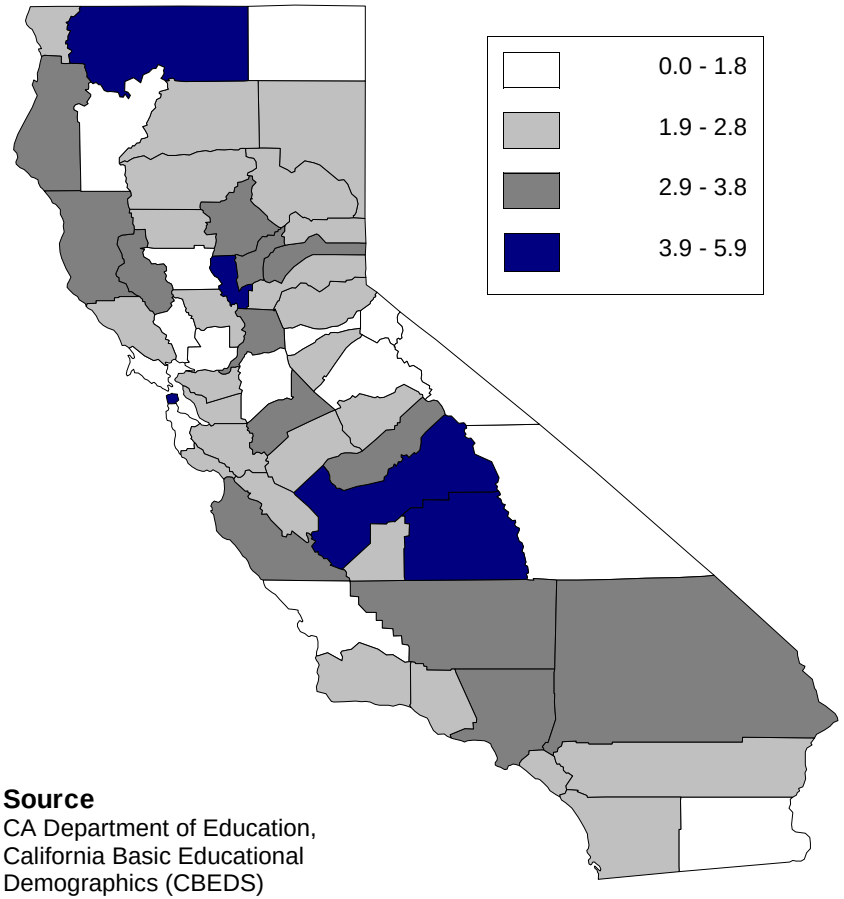



**Source**
CA Health & Welfare Agency,
Department of Social Services,
Statistical Services Bureau

*Indicator 3.1*

**Annual High School Dropout Rate per 100 Students Enrolled**

*School Domain*

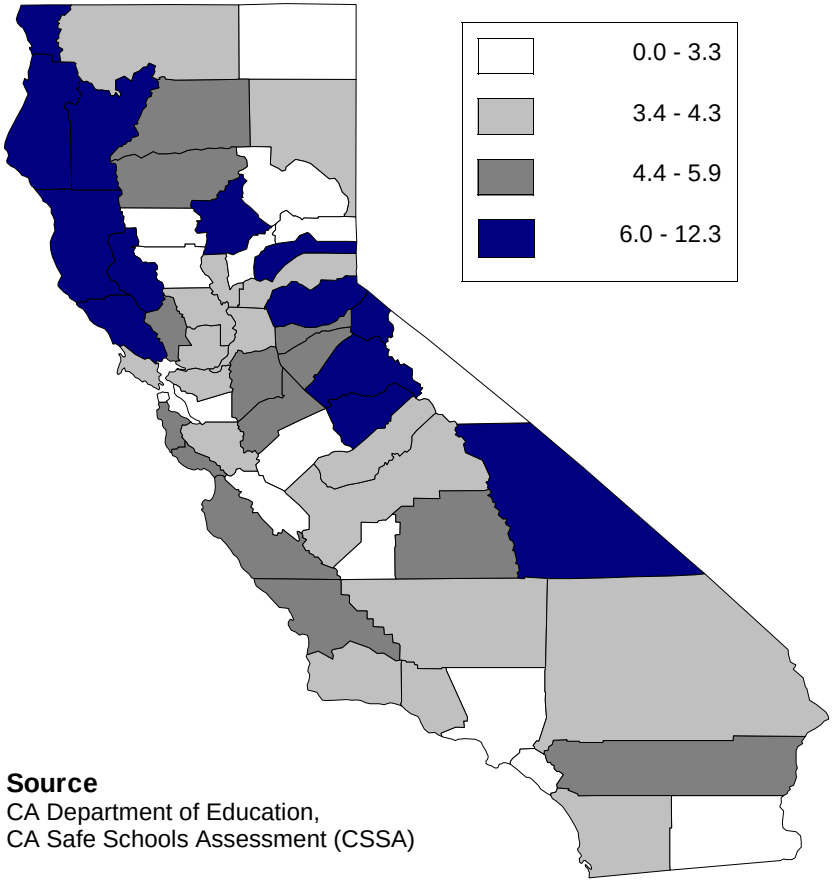



**Source**
CA Department of Education,
California Basic Educational
Demographics (CBEDS)

*Indicator 3.2*

**School Alcohol & Drug Incidents per 1000 Students Enrolled**

*School Domain*

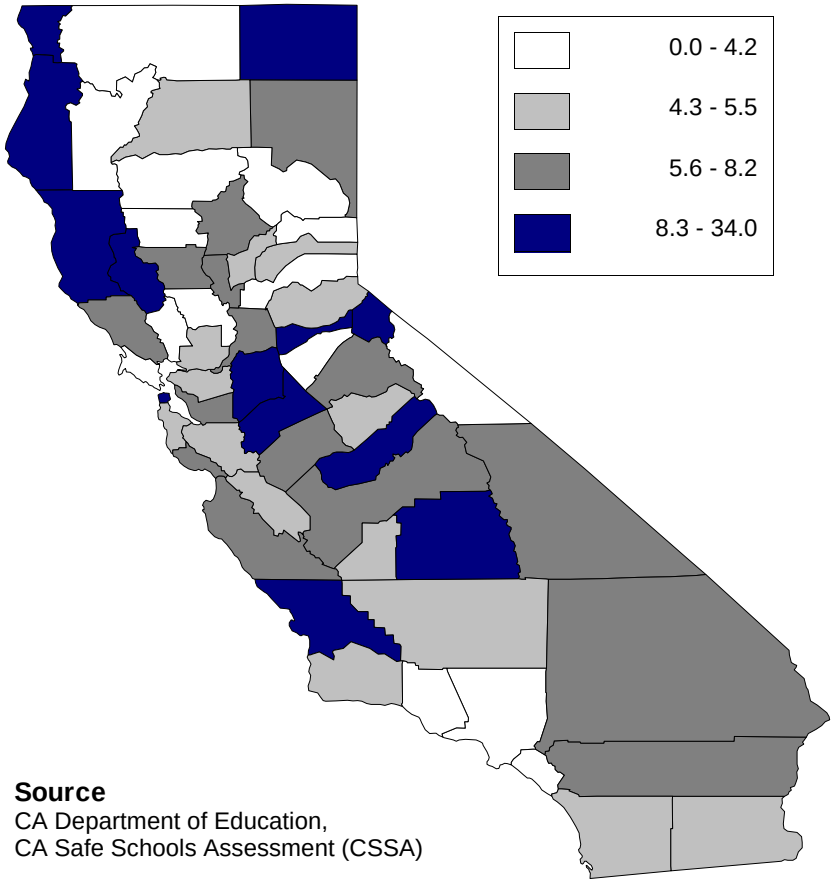



**Source**
CA Department of Education,
CA Safe Schools Assessment (CSSA)

*Indicator 3.3*

**School Violence Incidents per 1000 Students Enrolled**

*School Domain*

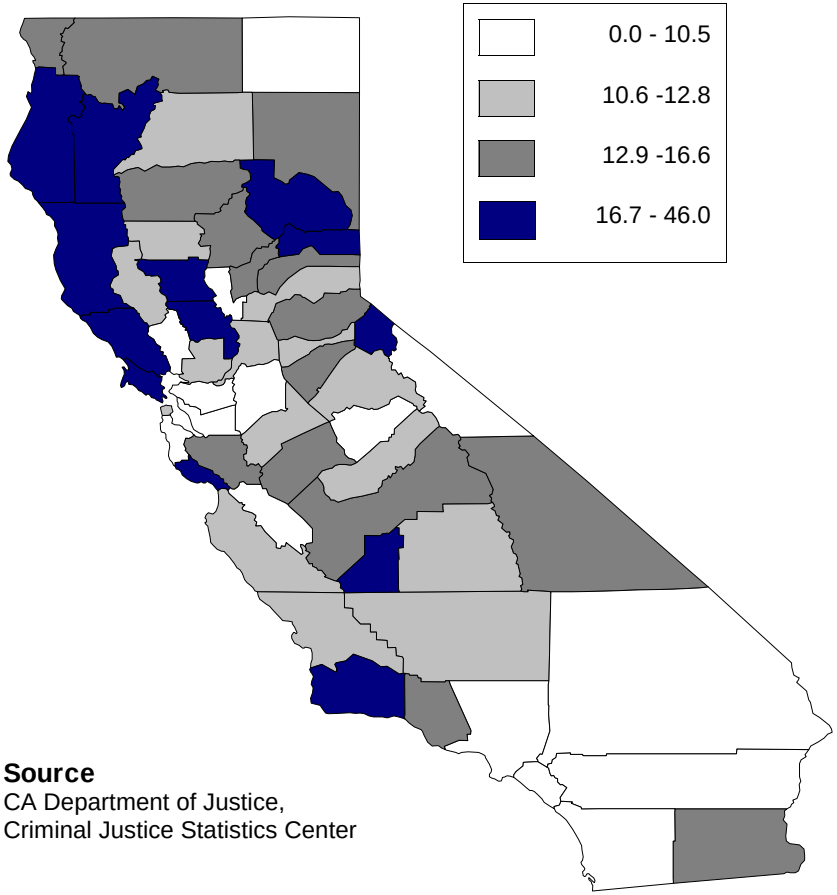



**Source**
CA Department of Education,
CA Safe Schools Assessment (CSSA)

*Indicator 4.1*

**Juvenile Arrests for AOD Offenses per 1,000 Youth Age 10-17**

*Individual/Peer Domain*

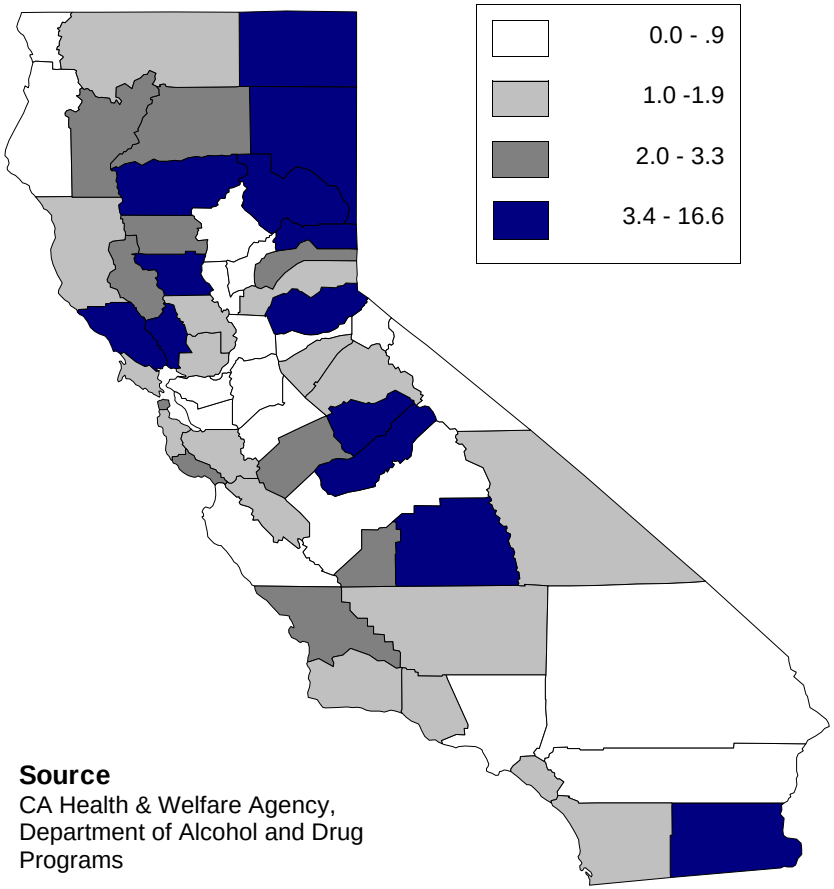



**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 4.2*

**Adolescent Treatment Admits per 100,000 Population Under18**

*Individual/Peer Domain*

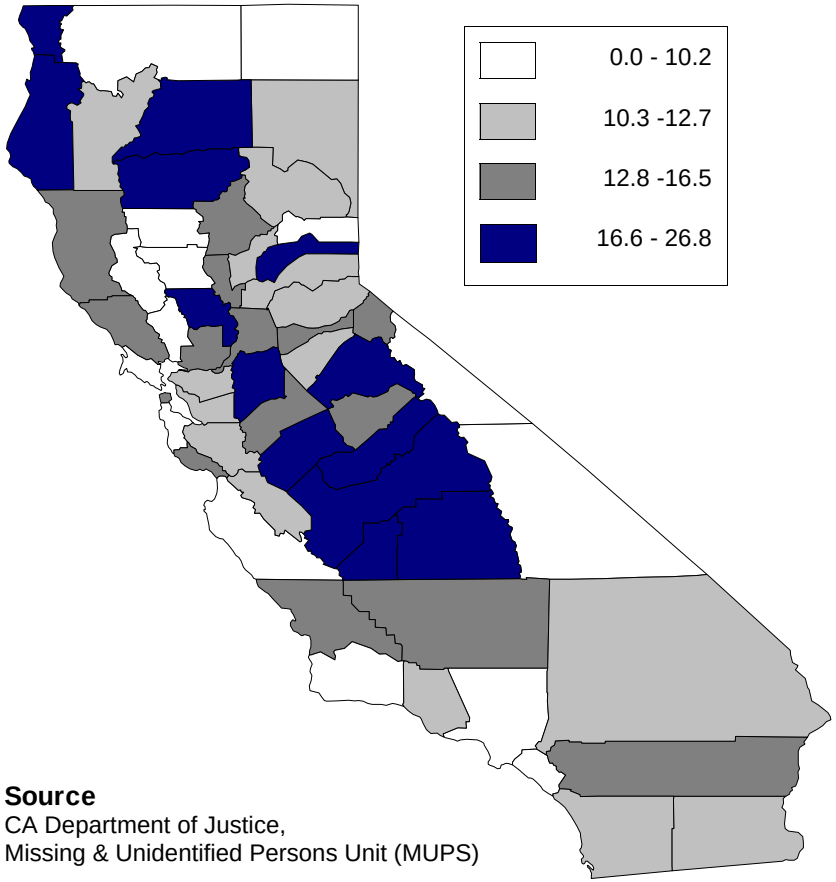



**Source**
CA Health & Welfare Agency,
Department of Alcohol and Drug
Programs

*Indicator 4.3*

**Reported Runaways per 1,000 Youth Under Age 18**

*Individual/Peer Domain*

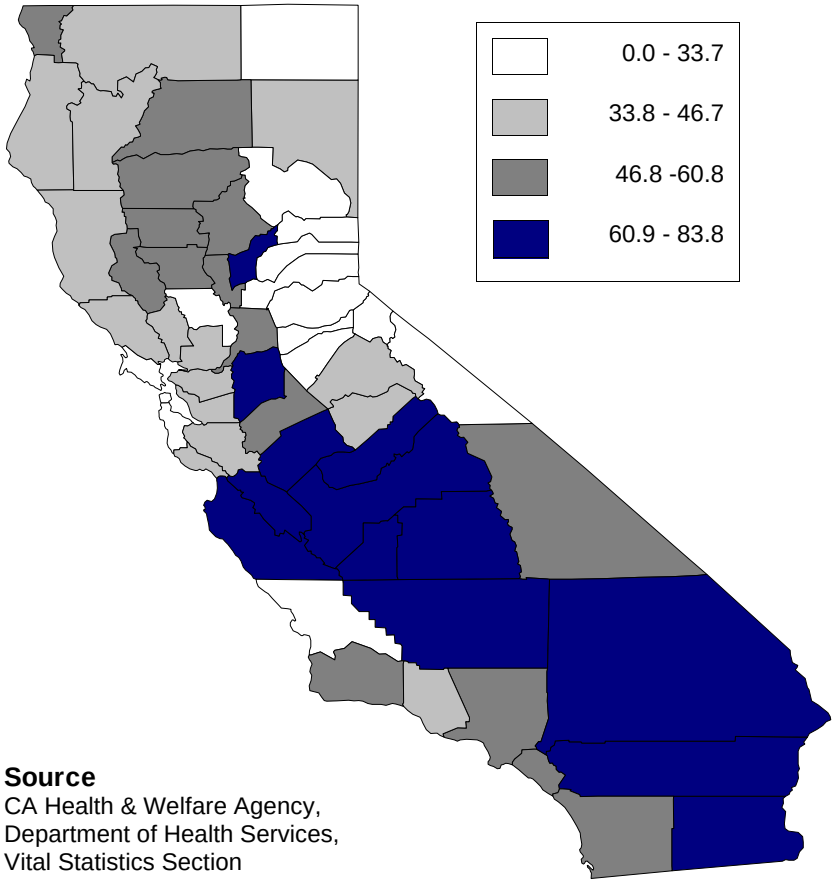



**Source**
CA Department of Justice,
Missing & Unidentified Persons Unit (MUPS)

*Indicator 4.4*

**Births to Teens per 1,000 Female Population Ages 15-19**

*Individual/Peer Domain*

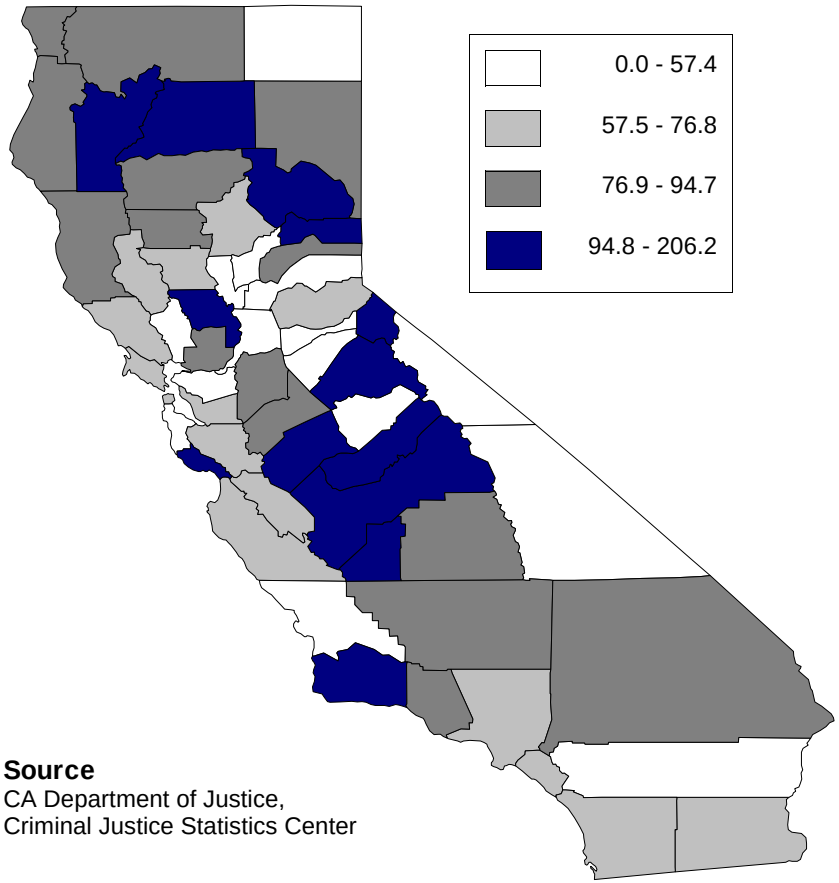



**Source**
CA Health & Welfare Agency,
Department of Health Services,
Vital Statistics Section

*Indicator 4.5*

**Juvenile Law Enforcement Dispositions per 1,000 Under Age 18**

*Individual/Peer Domain*

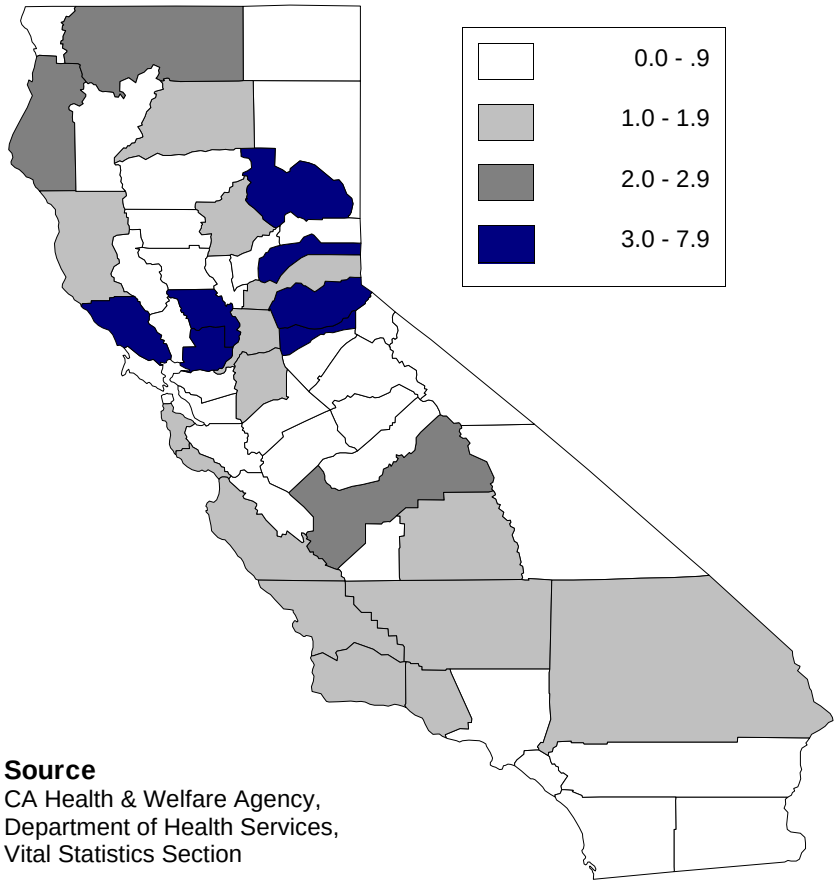



**Source**
CA Department of Justice,
Criminal Justice Statistics Center

*Indicator 4.6*

**Adolescent Suicides per 1,000 Population Under Age 18**

*Individual/Peer Domain*




**Source**
CA Health & Welfare Agency,
Department of Health Services,
Vital Statistics Section

# *APPENDICES*

# Appendix A

## Listing of County Clusters and Description of Demographic Characteristics

| Cluster | | Description |
|---|---|---|
| **Urban "A"** | | |
| Fresno<br>Imperial<br>Kings<br>Los Angeles | Merced<br>Monterey<br>Tulare | Largely urban, with small (1%) to moderate (31%) rural populations; above average poverty levels; race/ethnically diverse with prominent Hispanic populations approaching or exceeding a majority in several counties; low educational attainment among residents of most counties (noted exceptions are Los Angeles and Monterrey counties); youth populations account for above average percentage of total county population |
| **Urban "B"** | | |
| Alameda<br>Contra Costa<br>Orange<br>Sacramento<br>San Diego<br>San Francisco | San Mateo<br>Santa Clara<br>Solano<br>Ventura<br>Yolo | Predominantly urban, with zero to eleven percent of total populations living in rural areas; low or average rates of poverty; race/ethnically diverse with largest Black and Asian populations; highest educational attainment on average across county subgroups; youth account for lower than average proportion of total population |
| **Urban "C"** | | |
| Butte<br>Marin<br>Napa<br>Placer | San Luis Obispo<br>Santa Cruz<br>Sonoma | Largely urban, with small (7%) to moderate (34%) rural populations; lower than average poverty (excluding Butte county); predominantly White, with small (9%) to moderate (26.8%) Hispanic populations and smaller than average Black, Asian, and Native American populations; youth account for lower than average proportion of total population. |
| **Urban "D"** | | |
| Kern<br>Riverside<br>San Bernardino<br>San Joaquin | Santa Barbara<br>Stanislaus<br>Sutter<br>Yuba | Largely urban, with small (6%) to moderate (28%) rural populations; average to above average poverty rates; race/ethnically divers with moderate to large Hispanic populations and larger than average Black and Asian populations; low levels of educational attainment among county residents (excluding Santa Barbara county); youth populations account for above average percentage of total county population. |
| **Rural "E"** | | |
| Colusa<br>Glenn | Madera<br>San Benito | Largely rural, with 48 to 72 percent of the population living outside of urban areas; higher than average poverty rates (excluding San Benito); predominantly White (50.8%) and Hispanic (42.1%), with Blacks, Asians, and Native Americans accounting for less than five percent of the total population; very low levels of educational attainment; youth populations account for above average percentage of total county population. |
| **Rural "F"** | | |
| El Dorado<br>Humboldt<br>Inyo | Mono<br>Shasta<br>Trinity | Largely rural, with 45 to 72 percent of the population living outside of urban areas; low to above average poverty rates; lower than average levels of educational attainment among most counties; predominantly White (81.7%) with small minority Hispanic (9.3%) and Native American (4.1%) populations; Blacks and Asians account for less than two percent of the total population across counties. |
| **Rural "G"** | | |
| Amador<br>Del Norte<br>Lake<br>Lassen<br>Mendocino | Modoc<br>Nevada<br>Siskiyou<br>Tehama<br>Tuolumne | Comparable demographic composition to Subgroup 6 with proportionately larger rural populations |
| **Rural "H"** | | |
| Alpine<br>Calaveras<br>Mariposa | Plumas<br>Sierra | Predominantly rural, with 70 to 100 percent of population living outside of urban areas; race/ethnically homogenous, with small minority Hispanic (7%) and Native American populations (4.8%); Blacks and Asians together account for one percent of the total population; lower than average educational attainment among county residents. |

Appendix B
**Sources of Indicator Data**

| Domain | Subdomain | Indicator | Data Source |
|---|---|---|---|
| **I. Community Domain** | Social/Economic Stability | Unemployment | CA Health and Welfare Agency, Employment Development Department Labor Market Information Division; http://www.cahwnet.gov |
| | | Population Growth | CA Department of Finance, Demographic Research Unit; http://www.dof.ca.gov |
| | | Legal Foreign Immigration | CA Department of Finance, Demographic Research Unit; http://www.dof.ca.gov |
| | | Reported Crimes | CA Department of Justice, Criminal Justice Statistics Center; http://caag.state.ca.us/cjsc |
| | Alcohol Availability | Retail Liquor Licenses | CA Alcohol Beverage Control; http://www.abc.ca.gov |
| | Adult Alcohol and Other Drug Use | Adult Arrests for Drug Related Offenses | CA Department of Justice, Criminal Justice Statistics Center; http://caag.state.ca.us/cjsc |
| | | Adult Arrests for Driving Under the Influence | CA Department of Justice, Criminal Justice Statistics Center; http://caag.state.ca.us/cjsc |
| | | Adult Arrests for Alcohol Violations | CA Department of Justice, Criminal Justice Statistics Center; http://caag.state.ca.us/cjsc |
| | | Alcohol Involved Motor Vehicle Accidents | California Highway Patrol, Statewide Integrated Traffic Safety Unit (SWITRS); http://www.chp.ca.gov |
| | | Alcohol and Drug Treatment Admissions | CA Health and Human Services Agency, CA Department of Alcohol and Drug Programs; http://www.cahwnet.gov |
| | | Hospital Discharges Due to Alcohol and Other Drug Use | CA Health and Human Services Agency, CA Department of Alcohol and Drug Programs; http://www.cahwnet.gov |
| | | HIV/AIDS Incidence | CA Health and Human Services Agency, Office of AIDS; http://www.cahwnet.gov |
| | | Deaths Due to Alcohol and Other Drug Use | CA Health and Human Services Agency, CA Department of Alcohol and Drug Programs; http://www.cahwnet.gov |
| **II. Family Domain** | Family Risk | AFDC | CA Health and Welfare Agency, Department of Social Services, Statistical Services Bureau; http://www.cahwnet.gov |
| | Family Functioning | Domestic Violence Calls for Assistance | CA Department of Justice, Criminal Justice Statistics Center; http://caag.state.ca.us/cjsc |
| | | Emergency Response Dispositions | CA Health and Welfare Agency, Department of Social Services, Statistical Services Bureau; http://www.cahwnet.gov |

| Domain | Subdomain | Indicator | Data Source |
|---|---|---|---|
| **II. Family Domain** | | Children in Foster Care | CA Health and Welfare Agency, Department of Social Services, Statistical Services Bureau; http://www.cahwnet.gov |
| **III. School Domain** | Academic Risk | High School Dropouts | CA Department of Education, California Basic Education Demographics (CBEDS); http://www.cde.ca.gov |
| | Problem Behaviors | School Alcohol and Drug Related Crime Incidents | CA Department of Education, California Safe School Assessment (CSSA); http://www.cde.ca.gov |
| | | School Violence Incidents | CA Department of Education, California Safe School Assessment (CSSA); http://www.cde.ca.gov |
| **IV. Individual Domain** | Youth Alcohol and Other Drug Use | Treatment Admissions Under 18 Years | CA Health and Human Services Agency, CA Department of Alcohol and Drug Programs; http://www.cahwnet.gov |
| | | Juvenile Arrests for Alcohol and Drug Related Offenses | CA Department of Justice, Criminal Justice Statistics Center; http://caag.state.ca.us/cjsc |
| | AOD Risk and Consequences | Reported Runaways | CA Department of Justice, Law Enforcement Information Center, Missing and Unidentified Persons Unit (MUPS); http://caag.state.ca.us/cjsc |
| | | Teen Births | CA Department of Health Services, Vital Statistics Section; http://www.cahwnet.gov |
| | | Juvenile Law Enforcement Dispositions | CA Department of Justice, Law Enforcement Information Center; http://caag.state.ca.us/cjsc |
| | | Adolescent Suicide | CA Department of Health Services, Vital Statistics Section; http://www.cahwnet.gov |