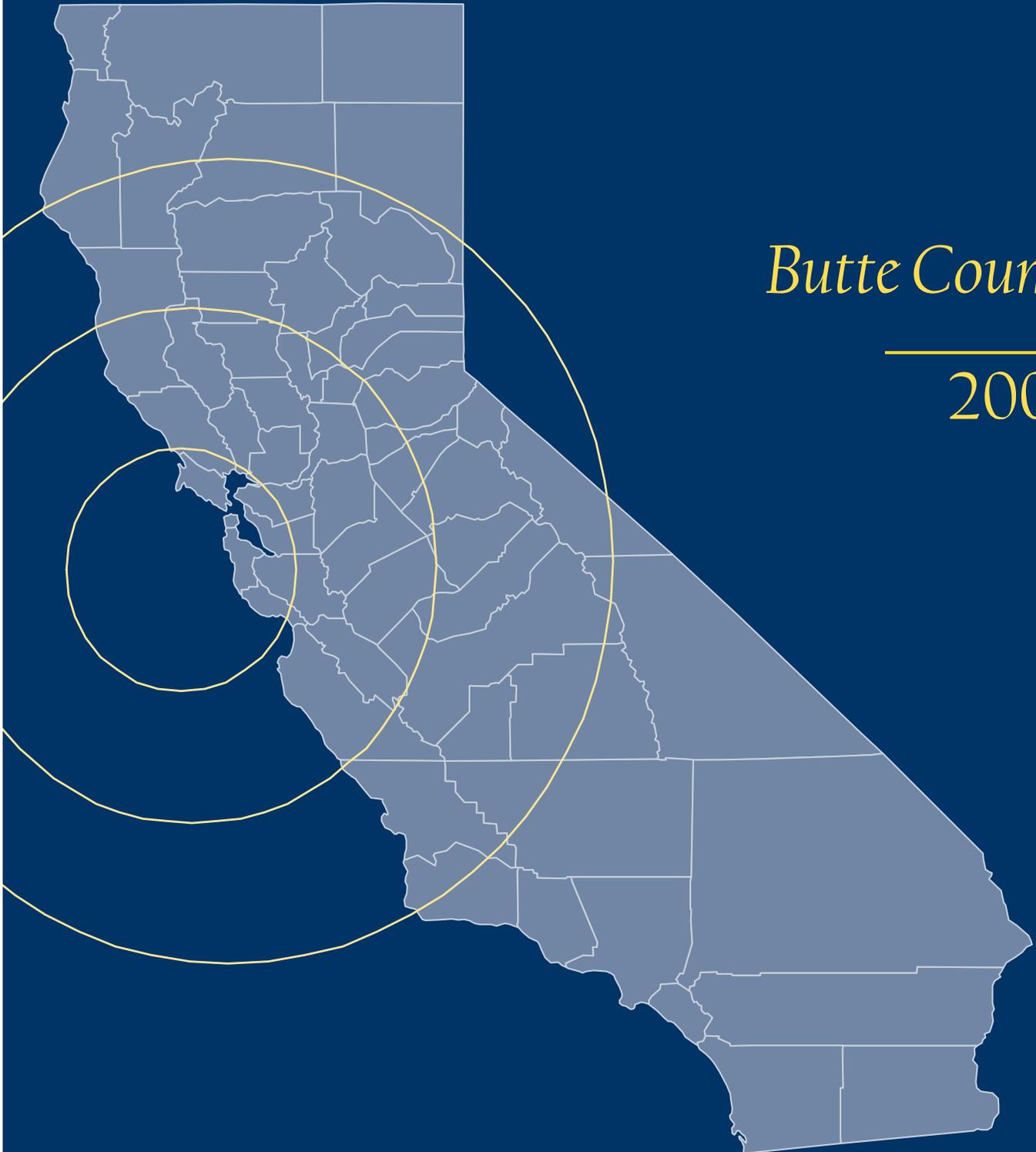


# Indicators of Alcohol and Other Drug Risk and Consequences for California Counties



*Butte County*

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2007

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*Butte County*

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2007

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# Key Indicators of Community Alcohol and Drug Use

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## 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 eight 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 2007 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 2007 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 and interpret 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.

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

- Household prevalence of problem alcohol use and use of illicit drugs;
- Admissions to publicly-funded alcohol and drug treatment facilities;
- Arrests for alcohol and drug-related criminal offenses;
- Motor vehicle accidents involving drivers who had been drinking;
- Hospitalizations for alcohol and drug-related conditions; and,
- 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 four central agencies, including the California Department of Justice, the California Highway Patrol, the California Department of Health Services, and the Office of Statewide Health Planning and Development (OSHPD). 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 Indicators of Community Alcohol and Drug Use • Butte County

	2000	2001	2002	2003	2004	Three Year Average	Ranking
<b>INDICATOR 1</b> <b>Past Month Alcohol Use</b> Percentage of Total Respondents	• • •	92,000 152,000 60.4%	• • •	91,000 158,000 58.0%	• • •	91,000 <sup>1</sup> 158,000 58.0%	+
<b>INDICATOR 2</b> <b>Past Month Binge Drinking</b> Percentage of Total Respondents	• • •	27,000 152,000 17.9%	• • •	26,000 158,000 16.3%	• • •	26,000 <sup>1</sup> 158,000 16.3%	+
<b>INDICATOR 3</b> <b>Admissions to Alcohol and Other Drug Treatment</b> Rate per 1000 Population 10-69	1,621 154,410 1049.8	2,080 157,278 1322.5	2,731 160,403 1702.6	2,499 163,210 1531.2	2,351 164,970 1425.1	2,527 162,861 1551.6	+
<b>INDICATOR 4</b> <b>Arrests for Drug-Related Offenses</b> Rate per 100,000 Population 10-69	1,115 154,410 722.1	1,105 157,278 702.6	887 160,403 553.0	986 163,210 604.1	1,518 164,970 920.2	1,130 162,861 694.0	+
<b>INDICATOR 5</b> <b>Arrests for Alcohol-Related Offenses</b> Rate per 100,000 Population 10-69	3,094 154,410 2003.8	3,235 157,278 2056.9	3,061 160,403 1908.3	3,602 163,210 2207.0	3,554 164,970 2154.3	3,406 162,861 2091.1	+
<b>INDICATOR 6</b> <b>Alcohol-Involved Motor Vehicle Accident Fatalities</b> Rate per 100,000 Population	6 204,065 2.9	9 206,403 4.4	12 209,047 5.7	9 211,609 4.3	** ** **	10 209,020 4.8	+
<b>INDICATOR 7</b> <b>Alcohol and Drug Use Hospitalizations</b> Rate per 100,000 Population	192 204,065 94.1	211 206,403 102.2	** 209,047 **	226 211,609 106.8	** ** **	219 209,006 104.5	+
<b>INDICATOR 8</b> <b>Deaths Due to Alcohol and Drug Use</b> Rate per 100,000 Population	33 204,065 16.9	57 206,403 29.0	69 209,047 33.7	71 211,609 34.2	** ** **	66 209,020 31.4	+

\*\* Data not available for most current reporting year. + County comparative rankings not yet calculated. <sup>1</sup> 2003 prevalence rate; no three- year average calculated.

# Prevalence of Alcohol Use

## Key Findings

- Butte county past month alcohol use rates and binge drinking rates were similar to the statewide averages. In 2003, roughly 58 percent of persons 18 years and older drank alcohol in the past month compared to 57 percent statewide. In this same year roughly 16 percent in Butte county engaged in binge drinking compared to 15 percent statewide.
- Males were much more likely to drink alcohol and binge drink compared to females. In 2003 68 percent of males drank alcohol compared to 49 percent of females, and about 25 percent of males binge drank in the past month compared to about nine percent of females.
- Butte county is primarily White, making it difficult to make comparisons across race/ethnicity groups. It appears that in 2003 Whites had a higher drinking rate at 62 percent, and Hispanics had the lowest rate at 25 percent. Whites also had a substantially higher binge drinking rate at 18 percent compared to Hispanics at 10 percent.
- Past month alcohol use was highest in 2003 for individuals between 18 and 24 with a rate of 68 percent. This age group also had the highest binge drinking rate of 27 percent. Binge drinking rates declined fairly steadily with age.
- The estimated number of adolescents under age 18 in Butte county who binge drank in 2003 was 8.6 percent, higher than the statewide average of 6.3 percent.



## Indicators 1 & 2: Prevalence of Past Month Alcohol Use

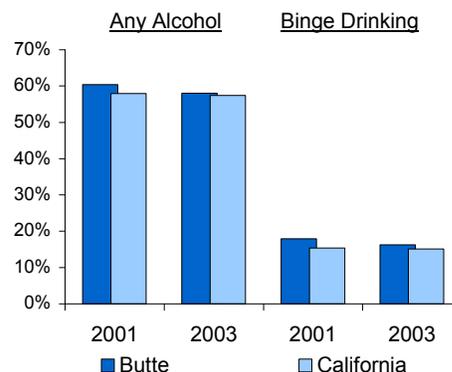
The number and percent of persons in the population who reported any use of alcohol and number of persons who reported any binge drinking in the past thirty days.

Table/Figure 1.1

Estimated Number and Percent of Persons 18 Years and Over Who Reported Any Use of Alcohol or Any Binge Drinking in the Past Thirty Days with Comparison to Statewide Rates

	Any Alcohol Use		Binge Drinking	
	2001	2003	2001	2003
Estimated Number *	92,000	91,000	27,000	26,000
Estimated Population 18 and over	152,000	158,000	152,000	158,000
Percent of Total Population	60.4%	58.0%	17.9%	16.3%
<b>CALIFORNIA</b> Estimated Percent	57.9%	57.4%	15.4%	15.1%

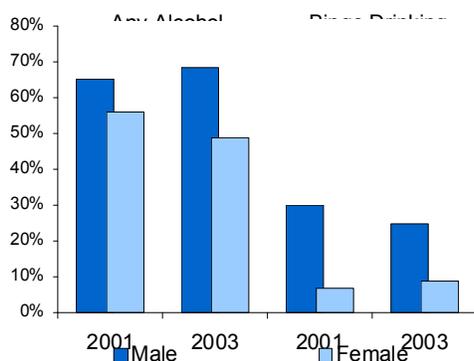
\* Estimates rounded to the nearest thousand.



Table/Figure 1.2

Estimated Number of Persons Reporting Any Alcohol Use or Any Binge Drinking by Gender

		Any Alcohol Use		Binge Drinking	
		2001	2003	2001	2003
Male	Estimated Number	48,000	52,000	22,000	19,000
	Estimated Population	73,000	76,000	73,000	76,000
	Percent of Population	65.2%	68.3%	30.0%	24.7%
Female	Estimated Number	44,000	40,000	5,000	7,000
	Estimated Population	79,000	80,000	79,000	82,000
	Percent of Population	56.0%	48.5%	6.7%	8.6%



Healthy People 2010  
U.S. Department of Health and  
Human Services

### Objectives 26-10a

*Increase the proportion of adolescents not using any alcohol or illicit drugs in the past thirty days.*

•••

### Objectives 26-11c

*Decrease the proportion of adults engaging in binge drinking of alcoholic beverages during the past month.*

# Indicators 1 & 2: Prevalence of Past Month Alcohol Use (Continued)

Table 1.3  
Estimated Number of Persons Reporting Any Alcohol Use or Any Binge Drinking by Race/Ethnicity

		Any Alcohol Use		Binge Drinking	
		2001	2003	2001	2003
American Indian	Estimated Number	1,000	2,000	1,000	-
	Estimated Population	3,000	4,000	3,000	-
	Percent of Population	44.7%	46.0%	29.6%	-
Asian/Pacific Islander	Estimated Number	2,000	4,000	-	-
	Estimated Population	6,000	7,000	-	-
	Percent of Population	41.9%	51.1%	-	-
Black	Estimated Number	1,000	2,000	-	-
	Estimated Population	2,000	2,000	-	-
	Percent of Population	79.8%	100.0%	-	-
Hispanic	Estimated Number	5,000	3,000	3,000	1,000
	Estimated Population	8,000	10,000	8,000	10,000
	Percent of Population	59.6%	25.3%	31.6%	9.8%
White	Estimated Number	80,000	81,000	23,000	24,000
	Estimated Population	132,000	131,000	132,000	131,000
	Percent of Population	60.9%	61.5%	17.3%	18.0%
Other	Estimated Number	2,000	-	1,000	-
	Estimated Population	2,000	-	2,000	-
	Percent of Population	93.6%	-	35.0%	-

- Estimate not reported due to small sample size.

Figure 1.3  
Past Month Alcohol Use by Race/Ethnicity

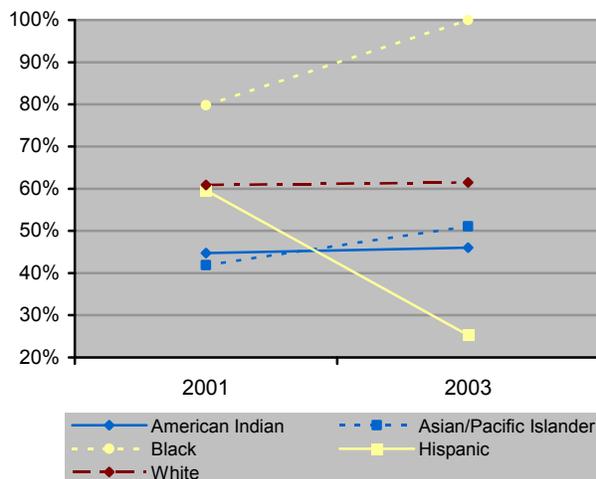
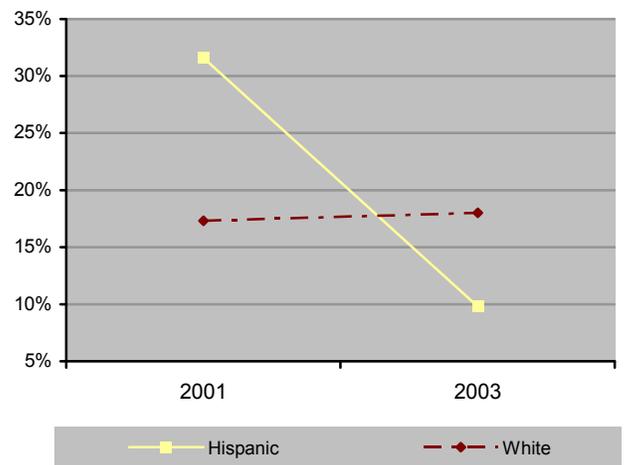


Figure 1.4  
Past Month Binge Drinking by Race/Ethnicity



## Indicators 1 & 2: Prevalence of Past Month Alcohol Use (Continued)

Table 1.4  
Estimated Number of Persons Reporting Any Alcohol Use or Any Binge Drinking by Age

		Any Alcohol Use		Binge Drinking	
		2001	2003	2001	2003
18 to 24	Estimated Number	18,000	22,000	12,000	8,000
	Estimated Population	28,000	32,000	28,000	32,000
	Percent of Population	65.4%	68.0%	42.9%	26.5%
25 to 34	Estimated Number	16,000	10,000	5,000	4,000
	Estimated Population	23,000	19,000	23,000	19,000
	Percent of Population	66.6%	51.8%	21.1%	20.4%
35 to 44	Estimated Number	15,000	17,000	4,000	6,000
	Estimated Population	22,000	26,000	22,000	26,000
	Percent of Population	66.7%	62.6%	19.5%	23.1%
45 to 54	Estimated Number	19,000	18,000	4,000	4,000
	Estimated Population	30,000	28,000	30,000	28,000
	Percent of Population	63.9%	62.5%	12.5%	12.5%
55 to 64	Estimated Number	9,000	12,000	1,000	3,000
	Estimated Population	18,000	21,000	18,000	21,000
	Percent of Population	51.2%	58.2%	7.6%	13.6%
65 and Over	Estimated Number	15,000	13,000	1,000	1,000
	Estimated Population	31,000	31,000	31,000	31,000
	Percent of Population	48.9%	43.2%	3.3%	2.9%

Figure 1.5  
Past Month Alcohol Use by Age Category

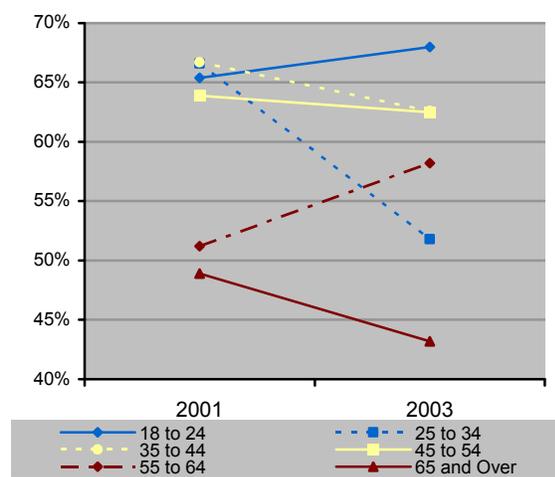
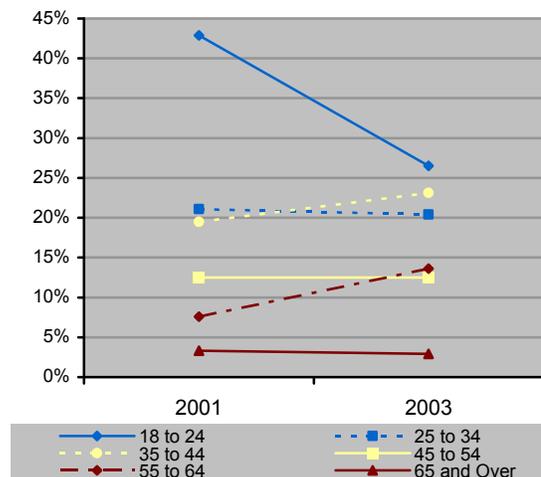


Figure 1.6  
Past Month Binge Drinking by Age Category



## Indicators 1 & 2: Prevalence of Past Month Alcohol Use (Continued)

Table 1.5  
Estimated Number of Adolescents Under Age 18 Reporting Past Month Binge Drinking

		2001	2003
CALIFORNIA	Estimated Number	200,000	205,000
	Estimated Population	3,040,000	3,260,000
	Percent of Population	6.6%	6.3%
Butte County	Estimated Number	2,000	2,000
	Estimated Population	18,000	19,000
	Percent of Population	8.6%	8.6%
Male	Estimated Number	1,000	1,000
	Estimated Population	8,000	10,000
	Percent of Population	11.7%	8.2%
Female	Estimated Number	1,000	1,000
	Estimated Population	10,000	9,000
	Percent of Population	5.9%	9.1%
American Indian	Estimated Number	-	-
	Estimated Population	-	-
	Percent of Population	-	-
Asian/Pacific Islander	Estimated Number	-	-
	Estimated Population	-	-
	Percent of Population	-	-
Black	Estimated Number	-	-
	Estimated Population	-	-
	Percent of Population	-	-
Hispanic	Estimated Number	-	-
	Estimated Population	-	-
	Percent of Population	-	-
White	Estimated Number	1,000	1,000
	Estimated Population	15,000	14,000
	Percent of Population	9.6%	7.9%
Other	Estimated Number	-	-
	Estimated Population	-	-
	Percent of Population	-	-

# Admissions to Alcohol and Drug Treatment

## Key Findings

- The number of admissions to alcohol and drug treatment in Butte county increased from 1621 in 2000 to 2351 in 2004. The rate of admissions to treatment in Butte county in 2004 was 1425 per 100,000, substantially higher than the statewide average of 802 per 100,000.
- Admissions for methamphetamine use represented 52 percent of all admissions in 2004, a substantial increase from 2000 when methamphetamine use accounted for 34 percent of admissions. In 2004 admissions for alcohol use accounted for 16 percent of admissions, a substantial decrease from 2000 when admissions for alcohol use accounted for 29 percent of the total. In 2004 marijuana use and heroin each accounted for about 10 percent of total admissions.
- Admissions to alcohol and drug treatment increased significantly for the younger age brackets. The number of 10 to 17 year olds admitted increased from three in 2000 to 12 in 2004, and the number of 18 to 24 year olds increased from 289 to 604.
- Whites represented almost 81 percent of all admissions in 2004, followed by Hispanics who represented 8.5 percent of admissions. African Americans accounted for roughly five percent of admissions in 2004.
- Males represented about 57 percent of admissions in 2004.
- Almost three-fourths of those admitted in 2004 had initiated substance use prior to the age of 21.
- About one-fourth of those admitted were IV drug users.
- Almost six percent of those admitted were pregnant.



## Indicator 3: Admissions to Alcohol and Drug Treatment

The number of admissions to publicly funded alcohol and other drug treatment facilities in California and rate of admission per 100,000 population 10 to 69 years.

Table/Figure 3.1

Number of Admissions to Alcohol and Drug Treatment and Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003	2004
Number of Treatment Admissions	1,621	2,080	2,731	2,499	2,351
Population 10-69	154,410	157,278	160,403	163,210	164,970
Rate per 100,000	1049.8	1322.5	1702.6	1531.2	1425.1
<b>CALIFORNIA</b> Rate per 100,000	842.3	915.6	908.4	862.1	801.7

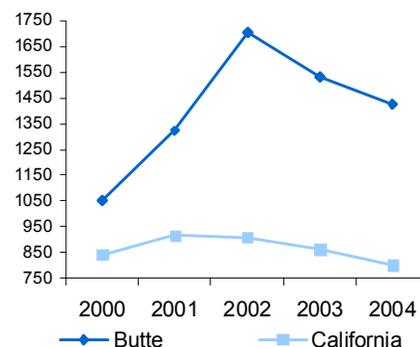


Table 3.2

AOD Treatment Admissions by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population 10-69 Years

	2000	2001	2002	2003	2004
<b>TOTAL ADMISSIONS</b>	1,621	2,080	2,731	2,499	2,351
<b>Methamphetamines</b>	558 34.4%	848 40.8%	1,238 45.3%	1,255 50.2%	1,210 51.5%
	361.4	539.2	771.8	768.9	733.5
<b>Alcohol</b>	466 28.7%	521 25.0%	605 22.2%	526 21.0%	378 16.1%
	301.8	331.3	377.2	322.3	229.1
<b>Marijuana</b>	145 8.9%	184 8.8%	308 11.3%	253 10.1%	242 10.3%
	93.9	117.0	192.0	155.0	146.7
<b>Heroin</b>	260 16.0%	258 12.4%	222 8.1%	176 7.0%	229 9.7%
	168.4	164.0	138.4	107.8	138.8
<b>Crack/Cocaine</b>	40 2.5%	91 4.4%	95 3.5%	79 3.2%	64 2.7%
	25.9	57.9	59.2	48.4	38.8
<b>Other Drugs</b>	152 9.4%	178 8.6%	263 9.6%	210 8.4%	228 9.7%
	98.4	113.2	164.0	128.7	138.2

Figure 3.2

2000 Admissions by Primary Drug Type

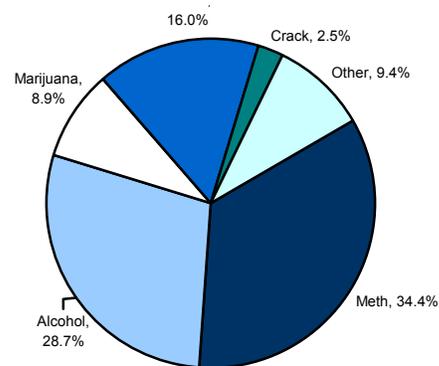
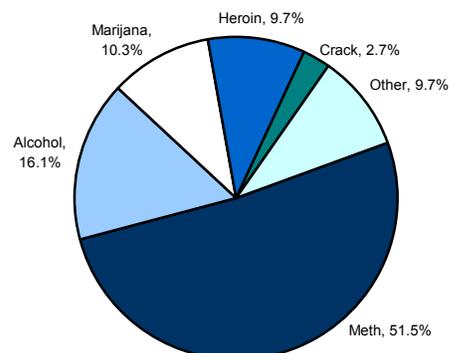


Figure 3.3

2004 Admissions by Primary Drug Type



## Indicator 3: Admissions to Alcohol and Drug Treatment (Continued)

Table 3.3  
Treatment Admissions by Client Age and Age-Specific Rate per 100,000 Population

		2000	2001	2002	2003	2004
<b>TOTAL ADMISSIONS</b>		1,621	2,080	2,731	2,499	2,351
10-17 Years	Number	3	6	21	15	12
	Population	23,817	24,155	24,443	24,427	24,212
	Rate per 100,000	12.6	24.8	85.9	61.4	49.6
	Percent of Total	0.2%	0.3%	0.8%	0.6%	0.5%
18-24 Years	Number	289	352	577	578	604
	Population	27,869	28,564	29,263	29,943	30,372
	Rate per 100,000	1037.0	1232.3	1971.8	1930.3	1988.7
	Percent of Total	17.8%	16.9%	21.1%	23.1%	25.7%
25-34 Years	Number	491	658	830	770	659
	Population	23,178	23,605	24,145	24,766	25,249
	Rate per 100,000	2118.4	2787.5	3437.6	3109.1	2610.0
	Percent of Total	30.3%	31.6%	30.4%	30.8%	28.0%
35-44 Years	Number	569	669	822	705	651
	Population	27,258	26,996	26,747	26,470	26,111
	Rate per 100,000	2087.5	2478.1	3073.2	2663.4	2493.2
	Percent of Total	35.1%	32.2%	30.1%	28.2%	27.7%
45-54 Years	Number	224	346	415	380	352
	Population	27,171	28,175	28,773	29,294	26,609
	Rate per 100,000	824.4	1228.0	1442.3	1297.2	1322.9
	Percent of Total	13.8%	16.6%	15.2%	15.2%	15.0%
55-64 Years	Number	42	38	56	47	68
	Population	17,649	18,307	19,459	20,601	21,643
	Rate per 100,000	238.0	207.6	287.8	228.1	314.2
	Percent of Total	2.6%	1.8%	2.1%	1.9%	2.9%
65+ Years	Number	2	11	10	4	5
	Population	32,114	31,957	31,799	31,754	31,710
	Rate per 100,000	6.2	34.4	31.4	12.6	15.8
	Percent of Total	0.1%	0.5%	0.4%	0.2%	0.2%

## Indicator 3: Admissions to Alcohol and Drug Treatment (Continued)

Table 3.4  
Admissions to Alcohol and Drug Treatment by Client Race/Ethnicity and Rate per 100,000

		2000	2001	2002	2003	2004
<b>TOTAL ADMISSIONS</b>		1,621	2,080	2,731	2,499	2,351
American Indian	Number	60	85	124	95	94
	Population	2,683	2,790	2,917	3,020	3,085
	Rate per 100,000	2236.3	3046.6	4250.9	3145.7	3047.0
	Percent of Total	3.7%	4.1%	4.5%	3.8%	4.0%
Asian/Pacific Islander	Number	20	25	33	30	28
	Population	5,564	5,656	5,740	5,793	5,781
	Rate per 100,000	359.5	442.0	574.9	517.9	484.3
	Percent of Total	1.2%	1.2%	1.2%	1.2%	1.2%
Black	Number	50	61	91	121	122
	Population	2,132	2,163	2,210	2,244	2,289
	Rate per 100,000	2345.2	2820.2	4117.6	5392.2	5329.8
	Percent of Total	3.1%	2.9%	3.3%	4.8%	5.2%
Hispanic	Number	133	159	236	263	200
	Population	16,041	16,954	17,927	18,840	19,538
	Rate per 100,000	829.1	937.8	1316.5	1396.0	1023.6
	Percent of Total	8.2%	7.6%	8.6%	10.5%	8.5%
White	Number	1,350	1,748	2,240	1,983	1,898
	Population	124,534	126,235	128,112	129,825	130,827
	Rate per 100,000	1084.0	1384.7	1748.5	1527.4	1450.8
	Percent of Total	83.3%	84.0%	82.0%	79.4%	80.7%
Other	Number	8	2	7	7	9
	Percent of Total	0.5%	0.1%	0.3%	0.3%	0.4%

## Indicator 3: Admissions to Alcohol and Drug Treatment (Continued)

Figure 3.4  
Butte County  
Treatment  
Admission Rate  
per 100,000  
Population 10-69  
by Primary Drug  
Type

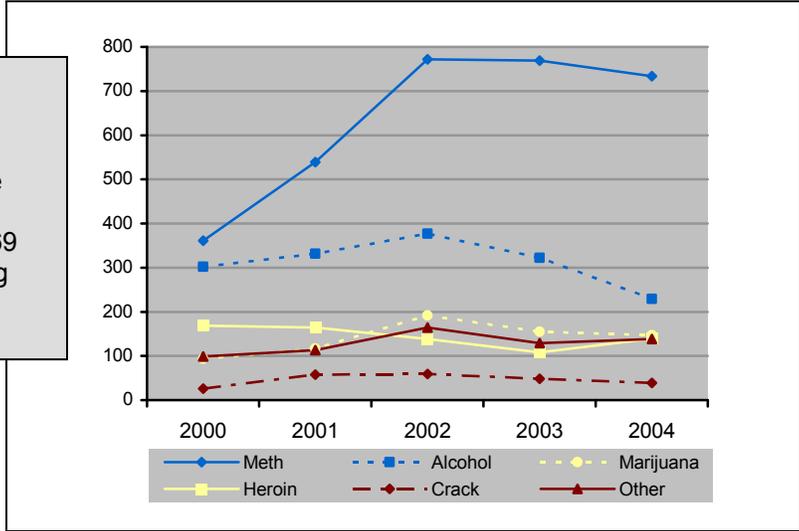


Figure 3.5  
Butte County  
Treatment  
Admission Rate  
per 100,000  
Population 10-69  
by Client Age

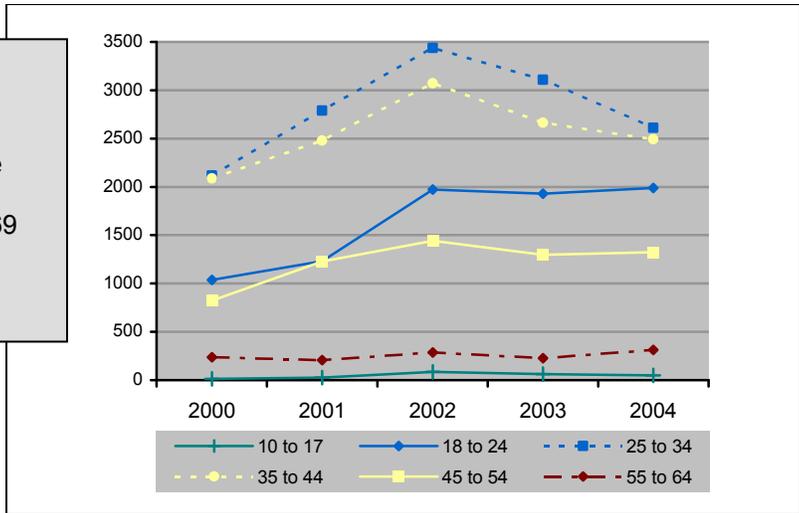
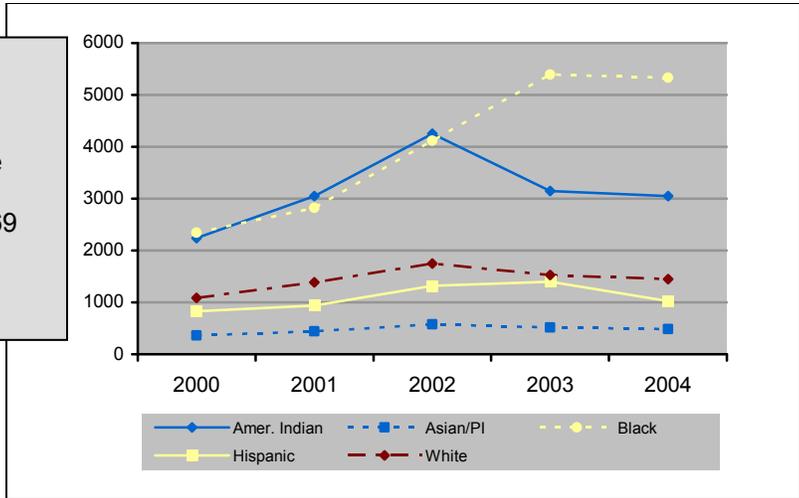


Figure 3.6  
Butte County  
Treatment  
Admission Rate  
per 100,000  
Population 10-69  
by Client Race/  
Ethnicity



## Indicator 3: Admissions to Alcohol and Drug Treatment (Continued)

Table 3.5  
Characteristics of Clients Admitted to Alcohol and Drug Treatment

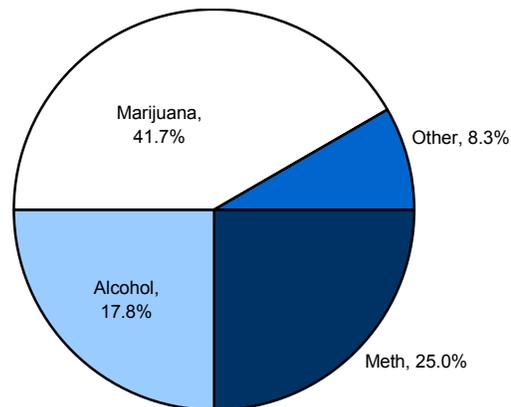
		2000		2001		2002		2003		2004	
<b>TOTAL COUNTY ADMISSIONS</b>		1,621	100.0%	2,080	100.0%	2,731	100.0%	2,499	100.0%	2,351	100.0%
<b>Gender</b>	Male	816	50.3%	1,099	52.8%	1,455	53.3%	1,409	56.4%	1,335	56.8%
	Female	805	49.7%	981	47.2%	1,276	46.7%	1,090	43.6%	1,016	43.2%
<b>Age Initiated Substance Use</b>	Under 10	80	4.9%	69	3.3%	104	3.8%	83	3.3%	64	2.7%
	11 to 12	119	7.3%	152	7.3%	231	8.5%	194	7.8%	206	8.8%
	13 to 14	253	15.6%	280	13.5%	410	15.0%	425	17.0%	366	15.6%
	15 to 17	382	23.6%	561	27.0%	754	27.6%	971	38.9%	647	27.5%
	18 to 20	275	17.0%	340	16.3%	437	16.0%	406	16.2%	378	16.1%
	21 and over	468	28.9%	635	30.5%	729	26.7%	664	26.6%	636	27.1%
<b>IV Drug Users</b>	Yes	410	25.3%	552	26.5%	688	25.2%	606	24.2%	597	25.4%
	No	1,211	74.7%	1,528	73.5%	2,043	74.8%	1,893	75.8%	1,754	74.6%
<b>Pregnant</b>	Yes	45	5.6%	60	6.1%	81	6.3%	59	5.4%	60	5.9%

## Indicator 3: Admissions to Alcohol and Drug Treatment (Continued)

Table 3.6  
AOD Treatment Admissions by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population 10-17 Years

		2000	2001	2002	2003	2004
<b>TOTAL ADMISSIONS</b>		4	6	21	15	12
Methamphetamines	Number	2	0	6	1	3
	Population 10-17	23,817	24,155	24,443	24,427	24,212
	Percent of Total	50.0%	0.0%	28.6%	6.7%	25.0%
	Rate per 100,000	8.4	0.0	24.5	4.1	12.4
Alcohol	Number	0	1	6	2	3
	Population 10-17	23,817	24,155	24,443	24,427	24,212
	Percent of Total	0.0%	16.7%	28.6%	13.3%	25.0%
	Rate per 100,000	0.0	4.1	24.5	8.2	12.4
Marijuana	Number	1	3	7	10	5
	Population 10-17	23,817	24,155	24,443	24,427	24,212
	Percent of Total	25.0%	50.0%	33.3%	66.7%	41.7%
	Rate per 100,000	4.2	12.4	28.6	40.9	20.7
Heroin	Number	1	1	1	0	0
	Population 10-17	23,817	24,155	24,443	24,427	24,212
	Percent of Total	25.0%	16.7%	4.8%	0.0%	0.0%
	Rate per 100,000	4.2	4.1	4.1	0.0	0.0
Crack/Cocaine	Number	0	0	0	0	0
	Population 10-17	23,817	24,155	24,443	24,427	24,212
	Percent of Total	0.0%	0.0%	0.0%	0.0%	0.0%
	Rate per 100,000	0.0	0.0	0.0	0.0	0.0
Other Drugs	Number	0	1	1	2	1
	Population 10-17	23,817	24,155	24,443	24,427	24,212
	Percent of Total	0.0%	16.7%	4.8%	13.3%	8.3%
	Rate per 100,000	0.0	4.1	4.1	8.2	4.1

Figure 3.7  
2004 Admissions by Primary Drug Type  
Among Youth Under 18 Years



## Indicator 3: Admissions to Alcohol and Drug Treatment (Continued)

Table 3.7  
AOD Treatment Admissions among Youth Under Age 18 by Client Race/Ethnicity, Rate per 100,000  
Population 10 to 17, and Percent of Total Admissions

		2000	2001	2002	2003	2004
<b>TOTAL ADMISSIONS UNDER 18 YEARS</b>		4	6	21	15	12
Male	Number	1	3	7	10	8
	Population 10-17	76,902	78,390	79,988	81,435	82,365
	Rate per 100,000	1.3	3.8	8.8	12.3	9.7
	Percent of Total	25.0%	50.0%	33.3%	66.7%	66.7%
Female	Number	3	3	14	5	4
	Population 10-17	77,508	78,888	80,415	81,775	82,605
	Rate per 100,000	3.9	3.8	17.4	6.1	4.8
	Percent of Total	75.0%	50.0%	66.7%	33.3%	33.3%
American Indian	Number	1	0	0	0	1
	Population 10-17	568	593	605	614	622
	Rate per 100,000	176.1	0.0	0.0	0.0	160.8
	Percent of Total	25.0%	0.0%	0.0%	0.0%	8.3%
Asian/Pacific Islander	Number	0	0	0	0	0
	Population 10-17	1,482	1,482	1,467	1,413	1,312
	Rate per 100,000	0.0	0.0	0.0	0.0	0.0
	Percent of Total	0.0%	0.0%	0.0%	0.0%	0.0%
Black	Number	0	0	1	1	0
	Population 10-17	389	397	416	424	443
	Rate per 100,000	0.0	0.0	240.4	235.8	0.0
	Percent of Total	0.0%	0.0%	4.8%	6.7%	0.0%
Hispanic	Number	0	1	8	1	2
	Population 10-17	3,393	3,580	3,752	3,911	3,999
	Rate per 100,000	0.0	27.9	213.2	25.6	50.0
	Percent of Total	0.0%	16.7%	38.1%	6.7%	16.7%
White	Number	3	5	12	13	9
	Population 10-17	17,099	17,211	17,310	17,198	16,996
	Rate per 100,000	17.5	29.1	69.3	75.6	53.0
	Percent of Total	75.0%	83.3%	57.1%	86.7%	75.0%
Other	Number	0	0	0	0	0
	Percent of Total	0.0%	0.0%	0.0%	0.0%	0.0%

# Alcohol and Drug-Related Crime

## Key Findings

- The number of arrests for drug-related crimes increased from 1115 in 2000 to 1518 in 2004. The rate of arrests for drug-related crimes in 2004 was 920 per 100,000, lower than the statewide average of 1023 per 100,000.
- Arrests for marijuana accounted for 22 percent of arrests in 2004, and arrests for dangerous drugs accounted for 21 percent of the total. Roughly seven percent of arrests were for narcotics, and the remaining 52 percent was for other drug violations.
- Whites accounted for 86 percent of all arrests for drug-related crimes in 2004, and Hispanics accounted for about seven percent of the total.
- Youth between 10 and 17 accounted for roughly 12 percent of all drug-related arrests in 2004. The highest rate of arrest during this year was for individuals between 25 and 34 years with a rate of 1513 per 100,000.
- Males accounted for almost three-fourths of all drug-related arrests in 2004, down slightly from 79 percent in 2000.
- Whites accounted for 81 percent of drug-related arrests in 2004, and Hispanics accounted for another 15 percent.
- The number of arrests for alcohol-related crimes increased from 3094 in 2000 to 3554 in 2004. The rate of arrest for alcohol-related crime in Butte county was 2154 per 100,000, substantially higher than the statewide average of 1087 per 100,000.
- Drunkenness accounted for roughly half of all alcohol-related arrests in 2004, and driving under the influence accounted for another 40 percent. Liquor law violations accounted for about 11 percent of arrests.
- Whites accounted for 84 percent of all arrests for alcohol-related crime in 2004, and Hispanics accounted for another 11 percent.
- Individuals between 18 and 24 years accounted for 39 percent of all arrests for alcohol-related crime in 2004 at a rate of 4550 per 100,000. The next highest proportion was for individuals between 25 and 34 years, who accounted for 20 percent of arrests at a rate of 2784 per 100,000.
- Males accounted for 62 percent of all arrests for alcohol-related crime in 2004.



## Indicator 4: 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/Figure 4.1  
Number of Felony and Misdemeanor Arrests for Drug Offenses  
and Rate per 100,000 Population 10 to 69 Years

	2000	2001	2002	2003	2004
Number of Drug Arrests	1,115	1,105	887	986	1,518
Population 10-69	154,410	157,278	160,403	163,210	164,970
Rate per 100,000	722.1	702.6	553.0	604.1	920.2
<b>CALIFORNIA</b> Rate per 100,000	961.8	930.4	939.7	985.7	1023.4

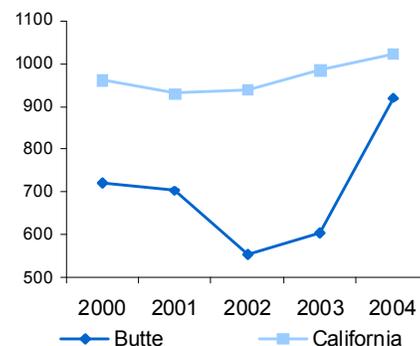


Table 4.2  
Number of Felony and Misdemeanor Arrests for Drug Offenses by Specific Offense and  
Rate per 100,000 Population 10-69 Years

		2000	2001	2002	2003	2004
<b>ALL DRUG ARRESTS</b>		1,115	1,105	887	986	1,518
Dangerous Drugs	Number	337	269	219	68	311
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	218.3	171.0	136.5	41.7	188.5
	Percent of Total	30.2%	24.3%	24.7%	6.9%	20.5%
Narcotics	Number	64	65	47	77	105
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	41.4	41.3	29.3	47.2	63.6
	Percent of Total	5.7%	5.9%	5.3%	7.8%	6.9%
Marijuana	Number	307	312	270	358	332
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	198.8	198.4	168.3	219.3	201.2
	Percent of Total	27.5%	28.2%	30.4%	36.3%	21.9%
Other Drug Violations	Number	407	459	351	483	770
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	263.6	291.8	218.8	295.9	466.8
	Percent of Total	36.5%	41.5%	39.6%	49.0%	50.7%

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

Table 4.3  
 Number of Arrests for Felony and Misdemeanor Drug Offenses  
 by Race/Ethnicity of Offender and Rate per 100,000 Population 10-69 Years

		2000	2001	2002	2003	2004
<b>ALL DRUG ARRESTS</b>		1,115	1,105	887	986	1,518
American Indian	Number	12	6	10	16	18
	Population	2,683	2,790	2,917	3,020	3,085
	Rate per 100,000	447.3	215.1	342.8	529.8	583.5
	Percent of Total	1.1%	0.5%	1.1%	1.3%	1.2%
Asian/Pacific Islander	Number	9	7	12	10	23
	Population	5,564	5,656	5,740	5,793	5,781
	Rate per 100,000	161.8	123.8	209.1	172.6	397.9
	Percent of Total	0.8%	0.6%	1.4%	0.8%	1.5%
Black	Number	45	61	42	55	57
	Population	2,132	2,163	2,210	2,244	2,289
	Rate per 100,000	2110.7	2820.2	1900.5	2451.0	2490.2
	Percent of Total	4.0%	5.5%	4.7%	4.6%	3.8%
Hispanic	Number	95	92	75	122	113
	Population	16,041	16,954	17,927	18,840	19,538
	Rate per 100,000	592.2	542.6	418.4	647.6	578.4
	Percent of Total	8.5%	8.3%	8.5%	10.3%	7.4%
White	Number	945	937	741	983	1,305
	Population	124,534	126,235	128,112	129,825	130,827
	Rate per 100,000	758.8	742.3	578.4	757.2	997.5
	Percent of Total	84.8%	84.8%	83.5%	82.9%	86.0%
Other	Number	9	2	7	0	2
	Percent of Total	0.8%	0.2%	0.8%	0.0%	0.1%

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

Table 4.4  
Number of Arrests for Felony and Misdemeanor Drug Offenses  
by Age of Offender and Age-Specific Rate per 100,000 Population

		2000	2001	2002	2003	2004
<b>ALL DRUG ARRESTS</b>		1,115	1,105	887	986	1,518
10-17 Years	Number	139	163	173	205	175
	Population	23,817	24,155	24,443	24,427	24,212
	Rate per 100,000	583.6	674.8	707.8	839.2	722.8
	Percent of Total	12.5%	14.8%	19.5%	17.3%	11.5%
18-24 Years	Number	256	281	219	330	392
	Population	27,869	28,564	29,263	29,943	30,372
	Rate per 100,000	918.6	983.8	748.4	1102.1	1290.7
	Percent of Total	23.0%	25.4%	24.7%	27.8%	25.8%
25-34 Years	Number	295	273	203	268	382
	Population	23,178	23,605	24,145	24,766	25,249
	Rate per 100,000	1272.8	1156.5	840.8	1082.1	1512.9
	Percent of Total	26.5%	24.7%	22.9%	22.6%	25.2%
35-44 Years	Number	299	264	219	263	365
	Population	27,258	26,996	26,747	26,470	26,111
	Rate per 100,000	1096.9	977.9	818.8	993.6	1397.9
	Percent of Total	26.8%	23.9%	24.7%	22.2%	24.0%
45-54 Years	Number	118	116	64	103	168
	Population	27,171	28,175	28,773	29,294	26,609
	Rate per 100,000	434.3	411.7	222.4	351.6	631.4
	Percent of Total	10.6%	10.5%	7.2%	8.7%	11.1%
55-64 Years	Number	6	7	9	16	33
	Population	17,649	18,307	19,459	20,601	21,643
	Rate per 100,000	34.0	38.2	46.3	77.7	152.5
	Percent of Total	0.5%	0.6%	1.0%	1.3%	2.2%
65+ Years	Number	1	1	0	0	2
	Population	32,114	31,957	31,799	31,754	31,710
	Rate per 100,000	3.1	3.1	0.0	0.0	6.3
	Percent of Total	0.1%	0.1%	0.0%	0.0%	0.1%

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

Figure 4.2  
Butte County Drug  
Arrest Rate per  
100,000 Population  
10-69 for Drug  
Offenses

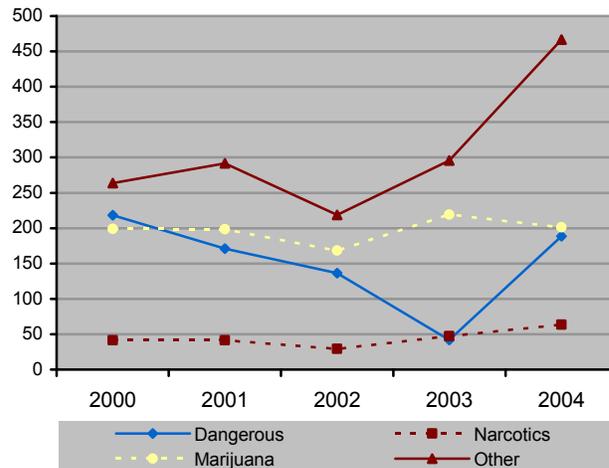


Figure 4.3  
Butte County Drug  
Arrest Rate per  
100,000 Population  
10-69 by Client  
Age Group

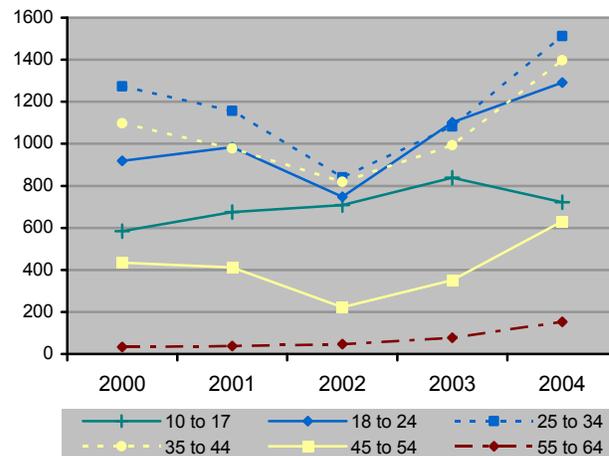
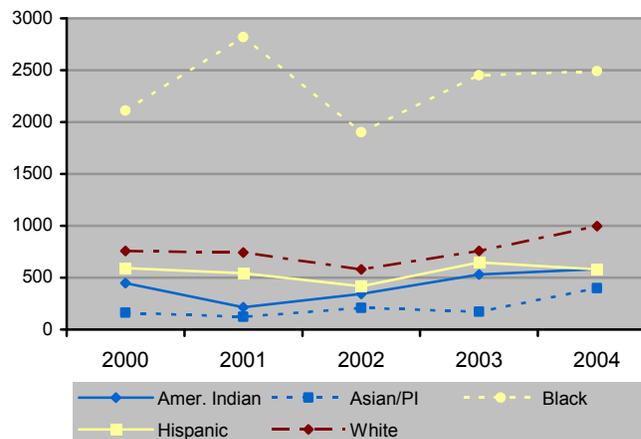


Figure 4.4  
Butte County Drug  
Arrest Rate per  
100,000 Population  
10-69 by Client  
Race/ Ethnicity



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

Table 4.5  
Number of Arrests for Felony and Misdemeanor Drug Offenses by Gender and Race among Underage Offenders and Rate per 100,000 Population 10-17 Years

		2000	2001	2002	2003	2004
<b>ALL DRUG ARRESTS UNDER 18 YEARS</b>		140	163	173	206	176
Male	Number	111	117	134	146	130
	Population 10-17	76,902	78,390	79,988	81,435	82,365
	Rate per 100,000	144.3	149.3	167.5	179.3	157.8
	Percent of Total	79.3%	71.8%	77.5%	70.9%	73.9%
Female	Number	29	46	39	60	46
	Population 10-17	77,508	78,888	80,415	81,775	82,605
	Rate per 100,000	37.4	58.3	48.5	73.4	55.7
	Percent of Total	20.7%	28.2%	22.5%	29.1%	26.1%
American Indian	Number	0	1	3	1	4
	Population 10-17	568	593	605	614	622
	Rate per 100,000	0.0	168.6	495.9	162.9	643.1
	Percent of Total	0.0%	0.6%	1.7%	0.5%	2.3%
Asian/Pacific Islander	Number	2	3	6	4	0
	Population 10-17	1,482	1,482	1,467	1,413	1,312
	Rate per 100,000	135.0	202.4	409.0	283.1	0.0
	Percent of Total	1.4%	1.8%	3.5%	1.9%	0.0%
Black	Number	5	7	9	2	3
	Population 10-17	389	397	416	424	443
	Rate per 100,000	1285.3	1763.2	2163.5	471.7	677.2
	Percent of Total	3.6%	4.3%	5.2%	1.0%	1.7%
Hispanic	Number	16	21	15	26	27
	Population 10-17	3,393	3,580	3,752	3,911	3,999
	Rate per 100,000	471.6	586.6	399.8	664.8	675.2
	Percent of Total	11.4%	12.9%	8.7%	12.6%	15.3%
White	Number	116	131	139	173	142
	Population 10-17	17,099	17,211	17,310	17,198	16,996
	Rate per 100,000	678.4	761.1	803.0	1005.9	835.5
	Percent of Total	82.9%	80.4%	80.3%	84.0%	80.7%
Other	Number	1	0	1	0	0
	Percent of Total	0.7%	0.0%	0.6%	0.0%	0.0%

## Indicator 5: Arrests for Alcohol-Related Crime

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

Table/Figure 5.1  
Number of Felony and Misdemeanor Arrests for Alcohol Offenses  
and Rate per 100,000 Population 10 to 69 Years

	2000	2001	2002	2003	2004
Number of Alcohol Arrests	3,094	3,235	3,061	3,602	3,554
Population 10-69	154,410	157,278	160,403	163,210	164,970
Rate per 100,000	2003.8	2056.9	1908.3	2207.0	2154.3
<b>CALIFORNIA</b> Rate per 100,000	1238.2	1166.6	1124.7	1127.8	1087.4

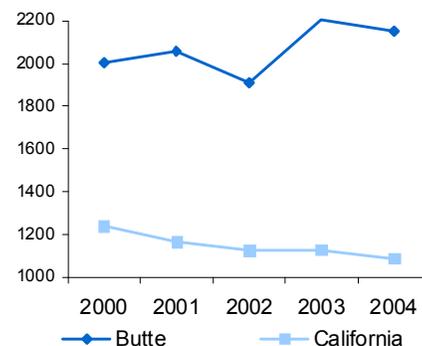


Table 5.2  
Number of Felony and Misdemeanor Arrests for Alcohol Offenses by Specific Offense and  
Rate per 100,000 Population 10-69 Years

		2000	2001	2002	2003	2004
<b>ALL ALCOHOL ARRESTS</b>		3,094	3,235	3,061	3,602	3,554
Driving-Under-the-Influence	Number	1,408	1,396	1,279	1,467	1,405
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	911.9	887.6	797.4	898.8	851.7
	Percent of Total	45.5%	43.2%	41.8%	40.7%	39.5%
Drunk	Number	1,200	1,264	1,225	1,597	1,762
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	777.2	803.7	763.7	978.5	1068.1
	Percent of Total	38.8%	39.1%	40.0%	44.3%	49.6%
Liquor Law Violations	Number	486	575	557	538	387
	Population 10-69	154,410	157,278	160,403	163,210	164,970
	Rate per 100,000	314.7	365.6	347.3	329.6	234.6
	Percent of Total	15.7%	17.8%	18.2%	14.9%	10.9%

## Indicator 5: Arrests for Alcohol-Related Crime (Continued)

Table 5.3  
 Number of Arrests for Felony and Misdemeanor Alcohol Offenses  
 by Race/Ethnicity of Offender and Rate per 100,000 Population 10-69 Years

		2000	2001	2002	2003	2004
<b>ALL ALCOHOL ARRESTS</b>		3,094	3,235	3,061	3,602	3,554
American Indian	Number	82	66	42	71	60
	Population	2,683	2,790	2,917	3,020	3,085
	Rate per 100,000	3056.3	2365.6	1439.8	2351.0	1944.9
	Percent of Total	2.7%	2.0%	1.4%	2.0%	1.7%
Asian/Pacific Islander	Number	33	35	29	47	30
	Population	5,564	5,656	5,740	5,793	5,781
	Rate per 100,000	593.1	618.8	505.2	811.3	518.9
	Percent of Total	1.1%	1.1%	0.9%	1.3%	0.8%
Black	Number	77	85	81	131	98
	Population	2,132	2,163	2,210	2,244	2,289
	Rate per 100,000	3611.6	3929.7	3665.2	5837.8	4281.3
	Percent of Total	2.5%	2.6%	2.6%	3.6%	2.8%
Hispanic	Number	418	429	409	427	382
	Population	16,041	16,954	17,927	18,840	19,538
	Rate per 100,000	2605.8	2530.4	2281.5	2266.5	1955.2
	Percent of Total	13.5%	13.3%	13.4%	11.9%	10.7%
White	Number	2,467	2,601	2,476	2,901	2,966
	Population	124,534	126,235	128,112	129,825	130,827
	Rate per 100,000	1981.0	2060.4	1932.7	2234.5	2267.1
	Percent of Total	79.7%	80.4%	80.9%	80.5%	83.5%
Other	Number	17	19	24	25	18
	Percent of Total	0.5%	0.6%	0.8%	0.7%	0.5%

## Indicator 5: Arrests for Alcohol-Related Crime (Continued)

Table 5.4  
Number of Arrests for Felony and Misdemeanor Alcohol Offenses  
by Age of Offender and Age-Specific Rate per 100,000 Population

		2000	2001	2002	2003	2004
<b>ALL ALCOHOL ARRESTS</b>		3,094	3,235	3,061	3,602	3,554
10-17 Years	Number	230	247	212	210	156
	Population	23,817	24,155	24,443	24,427	24,212
	Rate per 100,000	965.7	1022.6	867.3	859.7	644.3
	Percent of Total	7.4%	7.6%	6.9%	5.8%	4.4%
18-24 Years	Number	1,289	1,313	1,342	1,558	1,382
	Population	27,869	28,564	29,263	29,943	30,372
	Rate per 100,000	4625.2	4596.7	4586.0	5203.2	4550.2
	Percent of Total	41.7%	40.6%	43.8%	43.3%	38.9%
25-34 Years	Number	578	584	555	649	703
	Population	23,178	23,605	24,145	24,766	25,249
	Rate per 100,000	2493.7	2474.1	2298.6	2620.5	2784.3
	Percent of Total	18.7%	18.1%	18.1%	18.0%	19.8%
35-44 Years	Number	501	578	508	596	598
	Population	27,258	26,996	26,747	26,470	26,111
	Rate per 100,000	1838.0	2141.1	1899.3	2251.6	2290.2
	Percent of Total	16.2%	17.9%	16.6%	16.5%	16.8%
45-54 Years	Number	363	383	340	441	514
	Population	27,171	28,175	28,773	29,294	26,609
	Rate per 100,000	1336.0	1359.4	1181.7	1505.4	1931.7
	Percent of Total	11.7%	11.8%	11.1%	12.2%	14.5%
55-64 Years	Number	93	86	69	112	149
	Population	17,649	18,307	19,459	20,601	21,643
	Rate per 100,000	526.9	469.8	354.6	543.7	688.4
	Percent of Total	3.0%	2.7%	2.3%	3.1%	4.2%
65+ Years	Number	38	44	35	36	52
	Population	32,114	31,957	31,799	31,754	31,710
	Rate per 100,000	118.3	137.7	110.1	113.4	164.0
	Percent of Total	1.2%	1.4%	1.1%	1.0%	1.5%

## Indicator 5: Arrests for Alcohol-Related Crime (Continued)

Figure 5.2  
Butte County  
Alcohol Arrest Rate  
per 100,000  
Population 10-69  
for Alcohol  
Offenses

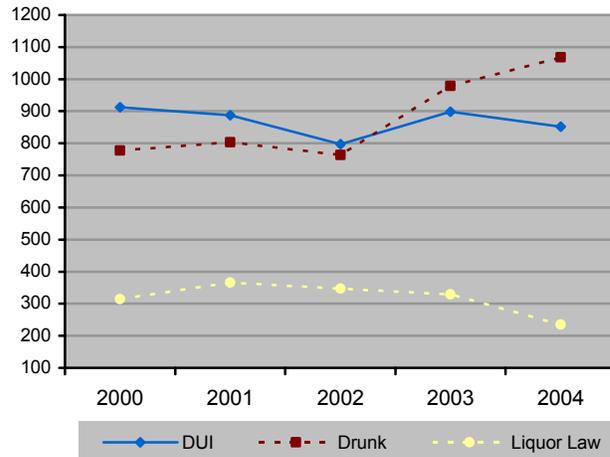


Figure 5.3  
Butte County  
Alcohol Arrest Rate  
per 100,000  
Population 10-69  
by Client Age  
Group

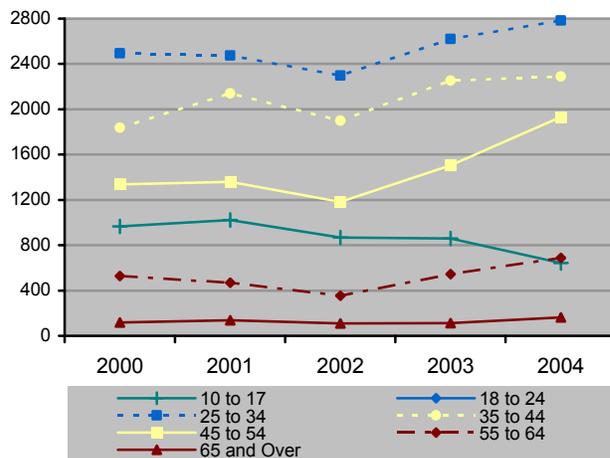
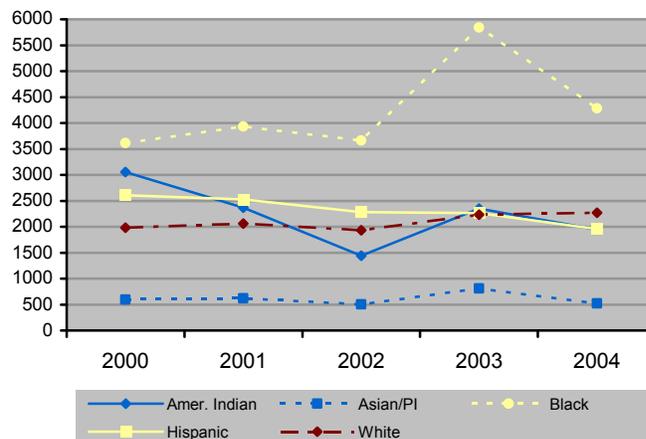


Figure 5.4  
Butte County  
Alcohol Arrest Rate  
per 100,000  
Population 10-69  
by Client Race/  
Ethnicity



## Indicator 5: Arrests for Alcohol-Related Crime (Continued)

Table 5.5  
Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Gender and Race among Underage Offenders and Rate per 100,000 Population 10-17 Years

		2000	2001	2002	2003	2004
<b>ALL ALCOHOL ARRESTS UNDER 18 YEARS</b>		232	247	212	210	156
Male	Number	163	161	147	131	97
	Population 10-17	76,902	78,390	79,988	81,435	82,365
	Rate per 100,000	212.0	205.4	183.8	160.9	117.8
	Percent of Total	70.3%	65.2%	69.3%	62.4%	62.2%
Female	Number	69	86	65	79	59
	Population 10-17	77,508	78,888	80,415	81,775	82,605
	Rate per 100,000	89.0	109.0	80.8	96.6	71.4
	Percent of Total	29.7%	34.8%	30.7%	37.6%	37.8%
American Indian	Number	10	8	3	4	5
	Population 10-17	568	593	605	614	622
	Rate per 100,000	1760.6	1349.1	495.9	651.5	803.9
	Percent of Total	4.3%	3.2%	1.4%	1.9%	3.2%
Asian/Pacific Islander	Number	5	5	0	5	0
	Population 10-17	1,482	1,482	1,467	1,413	1,312
	Rate per 100,000	337.4	337.4	0.0	353.9	0.0
	Percent of Total	2.2%	2.0%	0.0%	2.4%	0.0%
Black	Number	8	6	2	7	4
	Population 10-17	389	397	416	424	443
	Rate per 100,000	2056.6	1511.3	480.8	1650.9	902.9
	Percent of Total	3.4%	2.4%	0.9%	3.3%	2.6%
Hispanic	Number	26	43	28	20	9
	Population 10-17	3,393	3,580	3,752	3,911	3,999
	Rate per 100,000	766.3	1201.1	746.3	511.4	225.1
	Percent of Total	11.2%	17.4%	13.2%	9.5%	5.8%
White	Number	182	184	178	172	137
	Population 10-17	17,099	17,211	17,310	17,198	16,996
	Rate per 100,000	1064.4	1069.1	1028.3	1000.1	806.1
	Percent of Total	78.4%	74.5%	84.0%	81.9%	87.8%
Other	Number	1	1	1	2	1
	Percent of Total	0.4%	0.4%	0.5%	1.0%	0.6%

# Drinking and Driving

## Key Findings

- The number of alcohol-involved fatalities in Butte county increased from six in 2000 to nine in 2003. The fatality rate in Butte county was 4.3 per 100,000, slightly higher than the statewide rate of 4.0 per 100,000.
- There were a total of 391 alcohol-involved collisions in 2003, representing 15.5 percent of all collisions. The number of persons injured in alcohol-involved collisions increased from 228 in 2000 to 276 in 2003.
- In 2003, over three-fourths of all parties who had been drinking in alcohol-involved accidents were male.
- In 2003, Whites accounted for 79 percent of parties in alcohol-involved motor vehicle accidents, and Hispanics accounted for another 11 percent.
- Age was significantly related to alcohol-involved motor vehicle accidents. Individuals between 18 and 24 years accounted for roughly one-third of accidents in 2003 at a rate of 431 per 100,000, and individuals between 25 and 34 years accounted for another 20 percent at a rate of 319 per 100,000. Both the proportions and rate of accidents decreased with age.
- Almost 80 percent of underage parties involved in alcohol-involved accidents were male.
- In 2003 roughly 31 percent of youth had ridden in a car with someone who had been drinking, substantially higher than the statewide average of 20 percent.



## Indicators 6: Alcohol-Involved Motor Vehicle Accidents

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

Table/Figure 6.1

Butte County Fatalities in Alcohol-Involved Accidents and Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003
Number of Fatalities	6	9	12	9
Total Population	204,065	206,403	209,047	211,609
Rate per 100,000	2.9	4.4	5.7	4.3
<b>CALIFORNIA</b> Rate per 100,000	3.6	3.8	4.0	4.0
Healthy People 2010	4.0	4.0	4.0	4.0

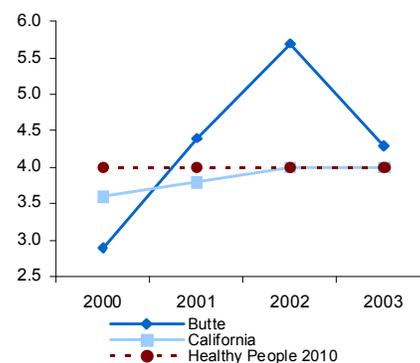


Table 6.2

Butte County Fatalities in Alcohol-Involved Accidents as a Percent of Total Collisions

	2000	2001	2002	2003
Total Collisions (Butte)	2,103	2,118	2,297	2,519
Total Alcohol-Involved Collisions	321	333	347	391
Alcohol-Involved Collisions as a Percent of Total	15.3%	15.7%	15.1%	15.5%
Number of Persons Killed	6	9	12	9
Number of Persons Injured	228	250	265	276

Healthy People 2010  
U.S. Department of Health and  
Human Services

*Reduce the number of  
traffic fatalities involving  
alcohol to 4.0 per 100,000  
by the year 2010*

## Indicator 6: Alcohol-Involved Motor Vehicle Accidents (Continued)

Table 6.3  
Parties in Alcohol-Involved Accidents Who Had Been Drinking by Party Gender and Race and Rate per 100,000 Population Ages 16 and Over

		2000	2001	2002	2003
<b>TOTAL PARTIES WHO HAD BEEN DRINKING IN ALCOHOL-INVOLVED ACCIDENTS</b>		327	338	352	395
Male	Number	243	253	264	300
	Population	77,770	79,104	80,500	81,908
	Rate per 100,000	312.5	319.8	328.0	366.3
	Percent of Total	74.3%	74.9%	75.0%	75.9%
Female	Number	81	81	86	84
	Population	83,444	84,614	85,871	87,138
	Rate per 100,000	97.1	95.7	100.2	96.4
	Percent of Total	24.8%	24.0%	24.4%	21.3%
Other/Unknown	Number	3	4	2	11
	Percent of Total	0.9%	1.2%	0.6%	2.8%
Black	Number	**	**	14	10
	Population	1,988	2,027	2,070	2,112
	Rate per 100,000			676.3	473.5
	Percent of Total			4.0%	2.5%
Hispanic	Number	**	**	31	43
	Population	14,182	14,969	15,810	16,638
	Rate per 100,000			196.1	258.4
	Percent of Total			8.8%	10.9%
White	Number	**	**	280	312
	Population	134,977	136,393	137,870	139,397
	Rate per 100,000			203.1	223.8
	Percent of Total			79.5%	79.0%
Other/Unknown	Number	**	**	27	30
	Percent of Total			7.7%	7.6%

## Indicator 6: Alcohol-Involved Motor Vehicle Accidents (Continued)

Table 6.4  
Parties in Alcohol-Involved Accidents Who Had Been Drinking by Age and Rate per 100,000 Population

		2000	2001	2002	2003
<b>TOTAL PARTIES WHO HAD BEEN DRINKING</b>		327	338	352	395
10-17 Years	Number	9	15	4	11
	Population	23,817	24,155	24,443	24,427
	Rate per 100,000	37.8	62.1	16.4	45.0
	Percent of Total	2.8%	4.4%	1.1%	2.8%
18-24 Years	Number	107	95	102	129
	Population	27,869	28,564	29,263	29,943
	Rate per 100,000	383.9	332.6	348.6	430.8
	Percent of Total	32.7%	28.1%	29.0%	32.7%
25-34 Years	Number	67	78	79	79
	Population	23,178	23,605	24,145	24,766
	Rate per 100,000	289.1	330.4	327.2	319.0
	Percent of Total	20.5%	23.1%	22.4%	20.0%
35-44 Years	Number	69	72	83	72
	Population	27,258	26,996	26,747	26,470
	Rate per 100,000	253.1	266.7	310.3	272.0
	Percent of Total	21.1%	21.3%	23.6%	18.2%
45-54 Years	Number	43	48	44	60
	Population	27,171	28,175	28,773	29,294
	Rate per 100,000	158.3	170.4	152.9	204.8
	Percent of Total	13.1%	14.2%	12.5%	15.2%
55-64 Years	Number	13	14	17	20
	Population	17,649	18,307	19,459	20,601
	Rate per 100,000	73.7	76.5	87.4	97.1
	Percent of Total	4.0%	4.1%	4.8%	5.1%
65+ Years	Number	12	8	12	8
	Population	32,114	31,957	31,799	31,754
	Rate per 100,000	37.4	25.0	37.7	25.2
	Percent of Total	3.7%	2.4%	3.4%	2.0%
Other/Unknown	Number	7	8	11	16
	Percent of Total	2.1%	2.4%	3.1%	4.1%

## Indicator 6: Alcohol-Involved Motor Vehicle Accidents (Continued)

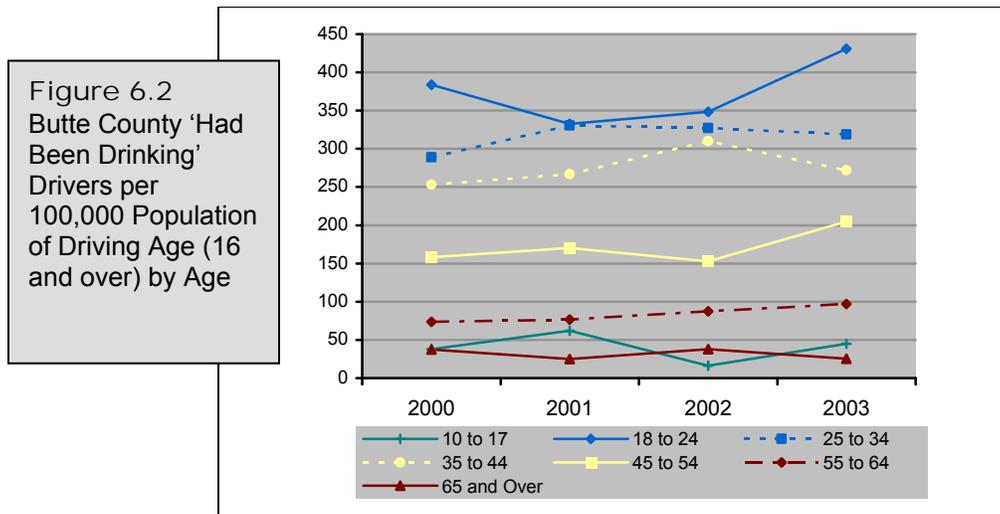


Table 6.5

Underage Parties (<21 Years) in Alcohol-Involved Accidents Who Had been Drinking by Party Gender and Race and Rate per 100,000 Population Ages 16 – 20

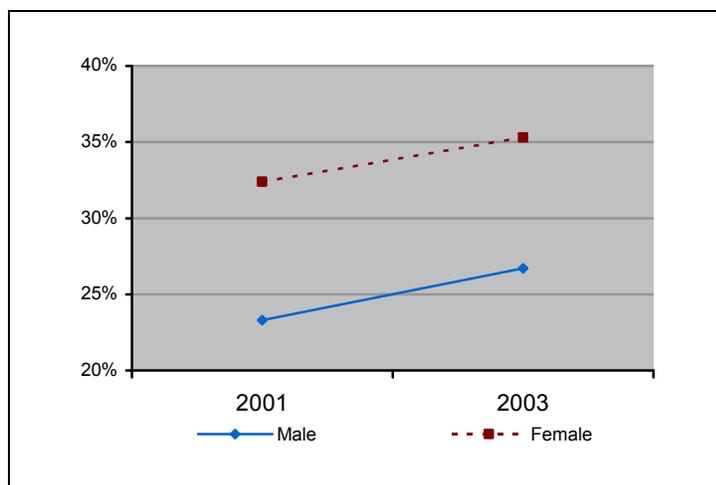
		2000	2001	2002	2003
<b>TOTAL PARTIES WHO HAD BEEN DRINKING IN ALCOHOL-INVOLVED ACCIDENTS</b>		50	54	49	63
Male	Number	40	47	36	50
	Population	9,336	9,620	9,888	10,159
	Rate per 100,000	428.4	488.6	364.1	492.2
	Percent of Total	80.0%	87.0%	73.5%	79.4%
Female	Number	10	7	13	13
	Population	9,301	9,446	9,556	9,690
	Rate per 100,000	107.5	74.1	136.0	134.2
	Percent of Total	20.0%	13.0%	26.5%	20.6%
Black	Number	**	**	4	2
	Population	320	284	244	250
	Rate per 100,000			1639.3	800.0
	Percent of Total			8.2%	3.2%
Hispanic	Number	**	**	6	3
	Population	2,420	2,343	2,300	2,336
	Rate per 100,000			260.9	128.4
	Percent of Total			12.2%	4.8%
White	Number	**	**	36	52
	Population	14,131	14,699	15,167	15,541
	Rate per 100,000			237.4	334.6
	Percent of Total			73.5%	82.5%
Other/Unknown	Number	**	**	3	6
	Percent of Total			6.1%	9.5%

## Indicator 6: Alcohol-Involved Motor Vehicle Accidents (Continued)

Table 6.6  
Youth Who Have Ridden in a Car with Someone Who Had Been Drinking  
Percent of Youth Population by Gender with Comparison to State Rates

	2001			2003		
	Total	Male	Female	Total	Male	Female
Estimated Number	5,000	2,000	3,000	6,000	3,000	3,000
Estimated Population	18,000	8,000	10,000	19,000	10,000	9,000
Percent of Total	28.1%	23.3%	32.4%	30.9%	26.7%	35.3%
<b>CALIFORNIA</b> Estimated Percent of Total	18.7%	19.0%	18.5%	20.0%	19.0%	21.0%

Figure 6.3  
Percent of Youth Who Have Ridden in a Car  
with Someone Who Had Been Drinking



Healthy People 2010  
U.S. Department of Health and  
Human Services

*Reduce the number of high  
school students who have  
ridden in a car with someone  
who had been drinking to  
30% by the year 2010*

# Alcohol and Drug-Related Morbidity

## Key Findings

- The number of hospital admissions due to alcohol and drug-related causes increased from 192 in 2000 to 226 in 2003. The rate of admissions was 107 per 100,000 in 2003, higher than the statewide average of 90 admissions per 100,000.
- The rate of admissions due to alcohol-related causes in 2003 was 29 per 100,000, substantially lower than the statewide average of 45 per 100,000.
- The rate of admissions due to drug-related causes in 2003 was 78 per 100,000, substantially higher than the statewide average of 45 per 100,000.
- Of the 61 admissions due to alcohol-related causes in 2003, 48 were for alcohol psychosis. Another seven were due to alcohol dependence syndrome, and six were due to alcohol gastritis.
- Of the 165 drug-related hospitalizations in 2003, 154 were due to drug poisonings. Another five were due to amphetamine abuse.

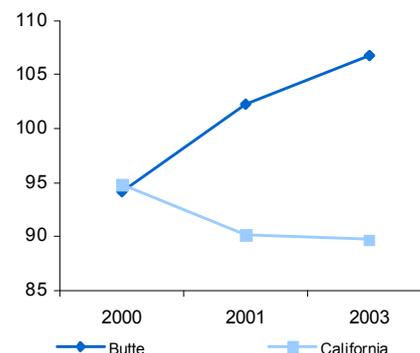


## Indicator 7: Hospitalizations Due to Alcohol and Drug Use

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

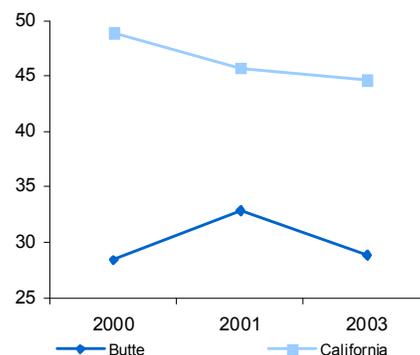
Table/Figure 7.1  
Number of Hospital Admissions Due to Alcohol and Drug-Related Causes (Combined) and Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003
Number of Admissions	192	211	**	226
Total Population	204,065	206,403	209,047	211,609
Hospitalization Rate per 100,000	94.1	102.2	**	106.8
<b>CALIFORNIA</b> Rate per 100,000	94.8	90.1	**	89.7



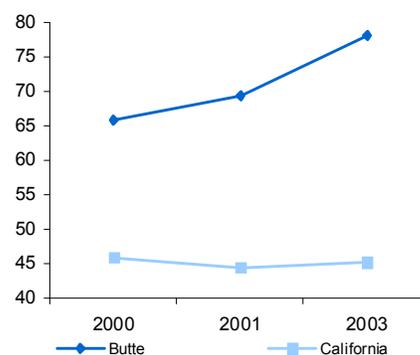
Table/Figure 7.2  
Number of Hospital Admissions Due to *Alcohol-Related* Causes and Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003
Number of Admissions	58	68	**	61
Total Population	204,065	206,403	209,047	211,609
Hospitalization Rate per 100,000	28.4	32.9	**	28.8
<b>CALIFORNIA</b> Rate per 100,000	48.9	45.7	**	44.6



Table/Figure 7.3  
Number of Hospital Admissions Due to *Drug-Related* Causes and Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003
Number of Admissions	134	143	**	165
Total Population	204,065	206,403	209,047	211,609
Hospitalization Rate per 100,000	65.7	69.3	**	78.0
<b>CALIFORNIA</b> Rate per 100,000	45.9	44.4	**	45.1



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

Table 7.4  
Number of Hospital Admissions Due to Alcohol and Drug-Related Causes by Specific Cause

	2000		2001		2002		2003	
	N	%	N	%	N	%	N	%
<b>TOTAL ALCOHOL-RELATED HOSPITALIZATIONS</b>	58	100.0	68	100.0	**	**	61	100.0
Alcohol Psychosis	38	65.5	51	75.0	**	**	48	78.7
Alcohol Abuse	0	0.0	0	0.0	**	**	0	0.0
Alcohol Dependence Syndrome	7	12.1	4	5.9	**	**	7	11.5
Alcohol Gastritis	13	22.4	13	19.1	**	**	6	9.8
Alcoholic Liver Disease	0	0.0	0	0.0	**	**	0	0.0
Fetal Alcohol Syndrome	0	0.0	0	0.0	**	**	0	0.0
Alcohol Poisoning	0	0.0	0	0.0	**	**	0	0.0
Excessive Blood Level of Alcohol	0	0.0	0	0.0	**	**	0	0.0
<b>TOTAL DRUG-RELATED HOSPITALIZATIONS</b>	134	100.0	143	100.0	**	**	165	100.0
Drug Psychosis	0	0.0	0	0.0	**	**	0	0.0
Dependence								
Barbituates	0	0.0	1	0.7	**	**	0	0.0
Cannabis	1	0.7	0	0.0	**	**	0	0.0
Cocaine	0	0.0	0	0.0	**	**	0	0.0
Hallucinogen	0	0.0	0	0.0	**	**	1	0.6
Inhalant	1	0.7	0	0.0	**	**	0	0.0
Morphine	0	0.0	0	0.0	**	**	0	0.0
Stimulant	2	1.5	0	0.0	**	**	1	0.6
Combination	3	2.2	4	2.8	**	**	1	0.6
Unspecified	0	0.0	0	0.0	**	**	0	0.0
Maternal Drug Dependence	0	0.0	0	0.0	**	**	0	0.0
Abuse								
Amphetamine	1	0.7	2	1.4	**	**	5	3.0
Antidepressant	0	0.0	0	0.0	**	**	0	0.0
Cannabis	2	1.5	0	0.0	**	**	0	0.0
Cocaine	0	0.0	0	0.0	**	**	0	0.0
Hallucinogen	0	0.0	0	0.0	**	**	0	0.0
Morphine	0	0.0	0	0.0	**	**	2	1.2
Sedative	0	0.0	0	0.0	**	**	0	0.0
Other, Mixed or Unspecified	2	1.5	2	1.4	**	**	1	0.6
Drug Poisonings	120	89.6	134	93.7	**	**	154	93.3
Drug Exposure in Newborns	0	0.0	0	0.0	**	**	0	0.0
Fetal Damage due to Maternal Drug Use	2	1.5	0	0.0	**	**	0	0.0
Drug Polyneuropathy	0	0.0	0	0.0	**	**	0	0.0

\*\* OSHPD admissions data not available for 2002.

# Alcohol and Drug-Related Mortality

## Key Findings

- The number of deaths due to alcohol and drug use increased sharply between 2000 and 2003 from 33 deaths to 71 deaths. The rate of fatality in 2003 was 34 per 100,000, substantially higher than the statewide average of 21 per 100,000.
- There were 14 deaths due to cirrhosis of the liver in 2003 in Butte county. The rate of deaths due to cirrhosis of the liver was 6.4 per 100,000, double the Healthy People 2010 goal of 3.2 per 100,000.
- The number of drug-induced deaths increased dramatically from 13 in 2000 to 50 in 2003. The rate of deaths in 2003 was 24.5 per 100,000, drastically higher than the Healthy People 2010 goal of 1.2 per 100,000.
- Of the 71 deaths due to alcohol and drug-related causes in 2003, 40 were due to accidental drug poisoning and another 14 were due to alcoholic liver disease. Another nine deaths were due to intentional drug self-poisoning.
- Males accounted for 59 percent of total alcohol and drug deaths in 2003.
- Over a third of deaths during 2003 were for individuals between 45 and 54 years, and roughly 23 percent were for individuals between 35 and 44 years.
- Whites accounted for over 94 percent of deaths in 2003, and Hispanics accounted for the remainder.



## Indicator 8: 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/Figure 8.1

Number of Deaths Due to Alcohol and Drug-Related Causes and Age-Adjusted Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003
Number of Deaths	33	57	69	71
Total Population	204,065	206,403	209,047	211,609
Age Adjusted Death Rate per 100,000	16.9	29.0	33.7	34.2
<b>CALIFORNIA</b> Rate per 100,000	19.0	19.2	20.1	20.9

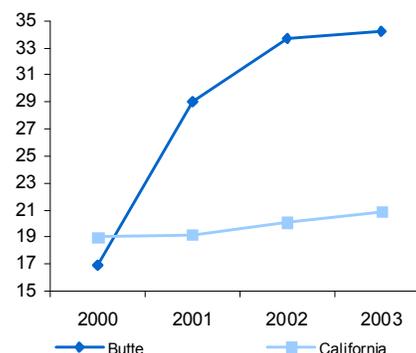


Table 8.2

Number of Deaths Due to Cirrhosis of the Liver and Rate per 100,000 with Comparison to Healthy People 2010 Objective

	2000	2001	2002	2003
Number of Deaths	15	20	29	14
Total Population	204,065	206,403	209,047	211,609
Age Adjusted Death Rate per 100,000	7.5	9.9	13.8	6.4
<b>Healthy People 2010</b>	3.2	3.2	3.2	3.2

Healthy People 2010  
U.S. Department of Health and  
Human Services

**Objectives 26-2**  
*Reduce the rate of  
cirrhosis deaths  
to 3.2 per 100,000  
by the year 2010.*

...

**Objectives 26-3**  
*Reduce the rate of  
drug-induced deaths  
to 1.2 per 100,000  
population  
by the year 2010*

Table 8.3

Number of Drug-Induced Deaths and Rate per 100,000 with Comparison to Healthy People 2010 Objective

	2000	2001	2002	2003
Number of Deaths	13	32	37	50
Total Population	204,065	206,403	209,047	211,609
Age Adjusted Death Rate per 100,000	6.8	16.5	18.6	24.5
<b>Healthy People 2010</b>	1.2	1.2	1.2	1.2

## Indicator 8: Deaths Due to Alcohol and Drug Use (Continued)

Table 8.4  
Number of Deaths Due to Alcohol and Drug-Related Causes by Specific Cause

		2000		2001		2002		2003	
		N	%	N	%	N	%	N	%
<b>TOTAL ALCOHOL AND DRUG-RELATED DEATHS</b>		33	100.0	57	100.0	69	100.0	71	100.0
Deaths Due to Alcohol Use	Alcohol Psychosis	1	3.0	0	0.0	0	0.0	0	0.0
	Alcohol Abuse	2	6.1	1	1.8	0	0.0	1	1.4
	Alcohol Dependence Syndrome	2	6.1	4	7.0	2	2.9	5	7.0
	Alcoholic Polyneuropathy	0	0.0	0	0.0	0	0.0	0	0.0
	Degeneration of the Nervous System	0	0.0	0	0.0	1	1.4	0	0.0
	Alcoholic Myopathy	0	0.0	0	0.0	0	0.0	0	0.0
	Alcoholic Cardiomyopathy	0	0.0	0	0.0	0	0.0	1	1.4
	Alcoholic Gastritis	0	0.0	0	0.0	0	0.0	0	0.0
	Alcoholic Liver Disease	15	45.5	20	35.1	29	42.0	14	19.7
	Fetal Alcohol Syndrome	0	0.0	0	0.0	0	0.0	0	0.0
	Fetus and Newborn Affect by Maternal Use of Alcohol	0	0.0	0	0.0	0	0.0	0	0.0
	Alcohol Poisoning	0	0.0	0	0.0	0	0.0	0	0.0
	Intentional Self-Poisoning (Alcohol)	0	0.0	0	0.0	0	0.0	0	0.0
	Excessive Blood Level of Alcohol	0	0.0	0	0.0	0	0.0	0	0.0
Alcohol-Induced Pancreatitis	0	0.0	0	0.0	0	0.0	0	0.0	
Deaths Due to Drug Use	Accidental Drug Poisoning	7	21.2	22	38.6	33	47.8	40	56.3
	Intentional Self-Poisoning (Drug)	5	15.2	7	12.3	3	4.3	9	12.7
	Intentional Poisoning (Assault)	0	0.0	0	0.0	0	0.0	1	1.4
	Other Drug Poisonings	1	3.0	0	0.0	1	1.4	0	0.0
	Fetus and Newborn Affect by Maternal Use of Drugs	0	0.0	0	0.0	0	0.0	0	0.0
	Mental and Behavioral Disorders due to Use of...								
	... Opioids	0	0.0	0	0.0	0	0.0	0	0.0
	... Cannabinoids	0	0.0	0	0.0	0	0.0	0	0.0
	... Sedatives or Hypnotics	0	0.0	0	0.0	0	0.0	0	0.0
	... Cocaine	0	0.0	0	0.0	0	0.0	0	0.0
	... Stimulants	0	0.0	0	0.0	0	0.0	0	0.0
	... Hallucinogens	0	0.0	0	0.0	0	0.0	0	0.0
	... Solvents	0	0.0	0	0.0	0	0.0	0	0.0
... Psychoactive Substances	0	0.0	2	3.5	0	0.0	0	0.0	

## Indicator 8: Deaths Due to Alcohol and Drug Use (Continued)

Table 8.5

Number of Deaths Due to Alcohol and Drug-Related Causes by Population Demographics of Decedents with Percent of Total Deaths

			2000	2001	2002	2003
<b>TOTAL ALCOHOL AND DRUG DEATHS</b>			33	57	69	71
<b>Gender</b>	Male	Number	20	40	38	42
		Percent of Total	60.6%	70.2%	55.1%	59.2%
	Female	Number	13	17	31	29
		Percent of Total	39.4%	29.8%	44.9%	40.8%
<b>Age at Time of Death</b>	10-17 Years	Number	1	0	0	1
		Percent of Total	3.0%	0.0%	0.0%	1.4%
	18-24 Years	Number	0	2	3	4
		Percent of Total	0.0%	3.5%	4.3%	5.6%
	25-34 Years	Number	3	1	3	5
		Percent of Total	9.1%	1.8%	4.3%	7.0%
	35-44 Years	Number	6	18	14	16
		Percent of Total	18.2%	31.6%	20.3%	22.5%
	45-54 Years	Number	12	17	31	24
		Percent of Total	36.4%	29.8%	44.9%	33.8%
	55-64 Years	Number	5	14	11	14
		Percent of Total	15.2%	24.6%	15.9%	19.7%
	65+ Years	Number	6	5	7	7
		Percent of Total	18.2%	8.8%	10.1%	9.9%
<b>Race</b>	American Indian/ Alaskan Native	Number	0	3	3	0
		Percent of Total	0.0%	5.3%	4.3%	0.0%
	Asian/ Pacific Islander	Number	1	0	0	0
		Percent of Total	3.0%	0.0%	0.0%	0.0%
	Black	Number	2	0	2	0
		Percent of Total	6.1%	0.0%	2.9%	0.0%
	Hispanic	Number	2	4	1	4
		Percent of Total	6.1%	7.0%	1.4%	5.6%
	White	Number	28	50	63	67
		Percent of Total	84.8%	87.7%	91.3%	94.4%
	Other/ Unknown	Number	0	0	0	0
		Percent of Total	0.0%	0.0%	0.0%	0.0%

# Sources

Indicator	Agency	Print and Electronic Data Sources
<b>Prevalence of Alcohol Use</b>	UCLA Center for Health Policy Research, California Department of Health Services, Public Health Institute	California Health Interview Survey (CHIS)
<b>Admissions to Alcohol and Other Drug Treatment</b>	California Department of Alcohol and Drug Programs	California Alcohol and Drug Data System (CADDSS) Admissions Data
<b>Alcohol and Drug-Related Crime</b>	California Department of Justice, Office of the Attorney General, Criminal Justice Statistics Center	California Arrest Data 2000-2004
<b>Drinking and Driving</b>	California Highway Patrol (CHP)	Statewide Integrated Traffic Records System (SWITRS) 2000-2004
<b>Alcohol and Drug-Related Hospitalizations</b>	Office of Statewide Health Planning and Development (OSHPD)	California Hospital Discharge Data Set, 2000, 2001, 2003
<b>Alcohol and Drug-Related Mortality</b>	California Department of Health Services, Vital Statistics Section	Death Statistical Masterfile 2000-2003  California Health Status Profiles 2006





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