

TITLE V INDICATOR TEMPLATES

INDICATOR: Deaths caused by motor vehicle crashes among youth ages 15 through 19 years

DEFINITION: The three year average rate of deaths due to motor vehicle crashes (E-codes 810.0-825.9) per 100,000 youth (ages 15 through 19 years)

NUMERATOR: The number of deaths due to motor vehicle crashes among youth (ages 15 through 19 years), by place of residence (three year average)

DENOMINATOR: The total population (ages 15 through 19 years), by place of residence for the middle year of the three year time period of interest

HEALTHY PEOPLE 2000 OBJECTIVE:
 Reduce deaths caused by motor vehicle crashes to no more than 26.8 per 100,000 youth aged 15 - 24 (Objective 9.3b)
 California MCH Five Year Objective: Reduce deaths among children and youth through age 24 caused by unintentional injuries by at least 15 percent.

RISK FACTORS: Low income; race/ethnicity (African American, American Indian, Alaska Native); gender (male); inadequate parental supervision/environmental precautions taken; parental/personal alcohol or substance abuse; lack of health care provider counseling/focus; lack of knowledge about injury protection devices/countermeasures/regulations; lack of consistent legislation/enforcement/use of protective devices; mental health/developmental disability

Deaths caused by motor vehicle crashes among youth (ages 15 through 19 years)

Three Year Average	California				LA County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
1989 - 1991	621	29.6	27.2	31.9	152	23.2	19.5	26.9
1990 - 1992	535	26.5	24.2	28.7	132	21.5	17.9	25.2
1991 - 1993	484	24.1	22.0	26.3	114	19.0	15.5	22.5
1992 - 1994	448	22.6	20.5	24.7	103	17.8	14.4	21.3
1993 - 1995	440	22.0	19.9	24.0	104	18.3	14.8	21.8
1994 - 1996	429	21.0	19.0	23.0	97	17.0	13.6	20.3
1995 - 1997	409	19.4	17.5	21.3	90	15.5	12.3	18.7

Year	DENOMINATOR: Total population ages 15 through 19		NUMERATOR: Deaths among youth ages 15 through 19 caused by motor vehicle crashes	
	California	LA County	California	LA County
1989	2,156,382	687,187	712	154
1990	2,100,315	654,262	582	161
1991	2,020,874	614,804	569	140
1992	2,007,522	598,873	453	96
1993	1,985,114	577,217	431	106
1994	2,000,154	571,586	460	107
1995	2,040,940	572,233	428	100
1996	2,109,874	581,204	400	84
1997	2,176,682	592,761	400	86

Sources: 1989-1997 death records from the California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998