

**TITLE V INDICATOR TEMPLATES**

**INDICATOR: Deaths caused by motor vehicle crashes among children aged 1 to 14 years**

**DEFINITION:** The three year average rate of deaths due to motor vehicle crashes (E-codes 810.0-825.9) per 100,000 per 100,000 children (ages 1 through 14 years)

**NUMERATOR:** The number of deaths due to motor vehicle crashes among children (ages 1 through 14 years), by place of residence (three year average)

**DENOMINATOR:** The total population (ages 1 through 14 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 4.4 per 100,000 children aged 14 and younger (Objective 9.3a)  
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 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 children (ages 1 through 14 years)**

Three Year Average	California				LA County			
	Number	Rate	95% Confidence Interval		Number	Rate	95% Confidence Interval	
			Lower	Upper			Lower	Upper
1989 - 1991	367	6.0	5.4	6.6	97	5.3	4.3	6.4
1990 - 1992	360	5.7	5.1	6.2	92	4.9	3.9	5.9
1991 - 1993	354	5.3	4.8	5.9	96	4.9	3.9	5.9
1992 - 1994	351	5.1	4.6	5.7	95	4.7	3.7	5.6
1993 - 1995	347	5.0	4.4	5.5	95	4.5	3.6	5.4
1994 - 1996	325	4.6	4.1	5.1	86	4.0	3.2	4.9
1995 - 1997	289	4.0	3.5	4.5	78	3.6	2.8	4.4

Year	DENOMINATOR: Total population ages 1 through 14		NUMERATOR: Deaths among children ages 1 through 14 caused by motor vehicle crashes	
	California	LA County	California	LA County
1989	5,972,532	1,801,144	364	98
1990	6,150,887	1,824,234	367	95
1991	6,368,608	1,882,485	369	98
1992	6,633,794	1,969,076	344	84
1993	6,838,145	2,034,285	350	107
1994	6,994,478	2,093,486	358	95
1995	7,116,462	2,136,588	332	82
1996	7,213,270	2,169,419	286	81
1997	7,375,476	2,222,364	248	70

**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