

QUALITY OF LIFE INDICATOR 59

Nutritional Status by Selected Ethnicity

Low hemoglobin values (anemia) frequently indicate poor nutritional status, as do low or high weight for height measurements.

Percent of Patients 0-17 years with Low Hemoglobin (< 5th Percentile)

	1995	1996	1997	1998	1999
Caucasian	10.7	14.7	15.5	14.4	15.7
Latino	13.2	14.5	14.2	13.4	13.7
All other	*	*	*	16.0	*
Not specified	16.8	16.7	23.5	13.0	N/A
County Total	14.2	15.0	16.6	13.5	13.7
State Total	16.5	15.6	15.0	14.0	N/A
Number of Persons Examined	3,382	2,568	2,810	4,180	5,296

Percent of Patients 0-17 years with Low Weight/Height (< 5th Percentile)

	1995	1996	1997	1998	1999
Caucasian	3.9	2.7	4.1	3.4	4.8
Latino	2.1	1.5	1.6	1.5	1.8
All other	2.9	3.3	*	2.7	4.1
Not specified	2.6	2.1	2.4	1.4	N/A
County Total	2.5	1.7	2.0	1.8	2.3
State Total	2.5	2.5	2.5	2.3	N/A
Number of Persons Examined	10,970	6,336	6,324	13,516	11,541

Percent of Patients 0-17 with High Weight/Height (> 95th Percentile)

	1995	1996	1997	1998	1999
Caucasian	9.5	8.8	8.8	8.4	9.4
Latino	13.9	15.3	16.4	15.4	15.2
All other	3.7	10.7	13.8	11.1	10.4
Not specified	12.6	11.4	13.1	16.0	N/A
County Total	12.8	14.0	15.1	14.2	14.1
State Total	13.3	13.1	13.4	14.1	N/A
Number of Persons Examined	10,970	6,336	6,304	13,516	11,541

Source: Pediatric Nutrition Surveillance, Summary of Indicators by Age and Ethnic Groups, 2001.

* Value does not meet standards of reliability or precision.

 **New data not available**

Nutritional Status 2000

Santa Cruz County has a high percentage of overweight children. The County ranks 37th (1 being the best) out of California's 66 counties and health jurisdictions* for overweight children aged less than five years, and 63rd for children aged five to less than 20 years.

Percent of Children with Anemia / Low Hemoglobin/Hematocrit

	Aged <5 Years		Aged 5 to <20 Years	
	Number Examined	Percent	Number Examined	Percent
County Total	6,178	12.7	3,929	12.0
State Total	550,785	13.5	486,013	12.6
Nation Total (prior year)	3,590,156	14.7	N/A	-

Percent of Children who are Overweight (> 95th Percentile)

	Aged <5 Years		Aged 5 to <20 Years	
	Number Examined	Percent	Number Examined	Percent
County Total	10,675	15.2	4,688	23.2
State Total	890,764	16.1	574,920	19.7
Nation Total (prior year)	5,089,556	12.2	N/A	-

Percent of Children who are Underweight (< 5th Percentile)

	Aged <5 Years		Aged 5 to <20 Years	
	Number Examined	Percent	Number Examined	Percent
County Total	10,675	5.0	4,688	1.6
State Total	890,764	5.3	574,920	2.8
Nation Total (prior year)	5,089,556	5.7	N/A	-

Source: *Pediatric Nutrition Surveillance, Comparison of Growth and Anemia Indicators by Clinic, 2002.*

Note: The *Pediatric Nutrition Surveillance* reports made some significant improvement to their reporting process in 2000. Now, one record per child is included in the analysis, height and weight analyses are based on the 2000 CDC pediatric growth reference, Hemoglobin/Hematocrit analyses are based on the 1998 CDC Morbidity and Mortality Weekly Report (MMWR) values for anemia, ranked comparisons of health indicators for County and state data are provided, and finally, the age groups reported have changed. Therefore, data for 2000 is not comparable with previous years.

* The health jurisdictions include: City of Berkeley, Pasadena, Long Beach, Los Angeles North, Los Angeles South, Los Angeles West and Los Angeles East, Los Angeles Other.

QUALITY OF LIFE INDICATOR 60

Unintentional Injuries

The injury hospitalization rate measures the number of discharges from acute care hospital facilities for unintentional injuries among children aged 0-20, for every 1,000 children of similar ages within the general population.

Unintentional Non-fatal Injuries, By Age

Age Group	1994	1995	1996	1997	1998	1999	2000	% Change
Under 1	4	7	3	4	2	4	5	25.0
1 to 4	30	21	35	40	26	33	28	-15.2
5 to 12	38	36	53	45	38	48	49	2.1
13 to 15	16	18	22	29	25	19	26	36.8
16 to 20	54	82	61	54	47	67	55	-17.9
Total Unintentional Injuries 0-20	142	164	174	172	138	171	163	-4.7
Population 0-20	69,870	70,973	71,938	73,185	74,538	75,909	77,234	1.7
Rate per 1,000 — County	2.0	2.3	2.4	2.4	1.9	2.3	2.1	-8.7
Rate per 1,000 — State	3.2	3.1	2.9	2.8	2.8	3.4	2.8	-17.6

Unintentional Non-fatal Injuries for Persons Ages 0-20, By Selected Cause

Cause of Injury	1994	1995	1996	1997	1998	1999	2000	% Change
Falls	47	47	56	60	51	60	54	-10.0
Motor Vehicle Traffic	49	51	46	38	30	33	37	12.1
Stuck by Object	11	11	9	14	15	13	8	-38.5
Poisoning	6	8	16	11	10	12	8	-33.3
Gunshot	0	3	2	0	1	1	2	100.0

Source: California Office of Statewide Health Planning and Development, Patient Discharge Dataset, 2002.

Intentional Injuries

Intentional Non-fatal Injuries, By Age

Age Group	1994	1995	1996	1997	1998	1999	2000	% Change
Under 1	0	1	0	1	0	0	0	0.0
1 to 4	1	1	1	0	0	1	2	100.0
5 to 12	0	2	1	2	0	0	1	-
13 to 15	13	10	5	13	9	7	11	57.1
16 to 20	31	33	30	31	28	24	24	0.0
Total Intentional Injuries 0-20	45	47	37	47	37	32	38	18.8
Population 0-20	69,870	70,973	71,938	73,185	74,538	75,909	77,234	1.7
Rate per 1,000 — County	0.6	0.7	0.5	0.6	0.5	0.4	0.5	25.0
Rate per 1,000 — State	0.9	0.8	0.7	0.7	0.6	0.6	0.8	33.3

Intentional Non-fatal Injuries for Persons Ages 0-20, By Selected Cause

Cause of Injury	1994	1995	1996	1997	1998	1999	2000	% Change
Intentional — Self Inflicted	18	23	19	24	27	25	21	-16.0
Poisoning	15	20	17	21	24	20	15	-25.0
Gunshot	0	0	0	0	0	0	0	0.0
Intentional — Assault	27	24	18	23	10	7	11	57.1
Cut/ Pierce	14	6	7	14	8	1	5	400.0
Gunshot	9	10	5	4	2	1	0	-100.0
Total	45	47	37	47	37	32	32	0.0

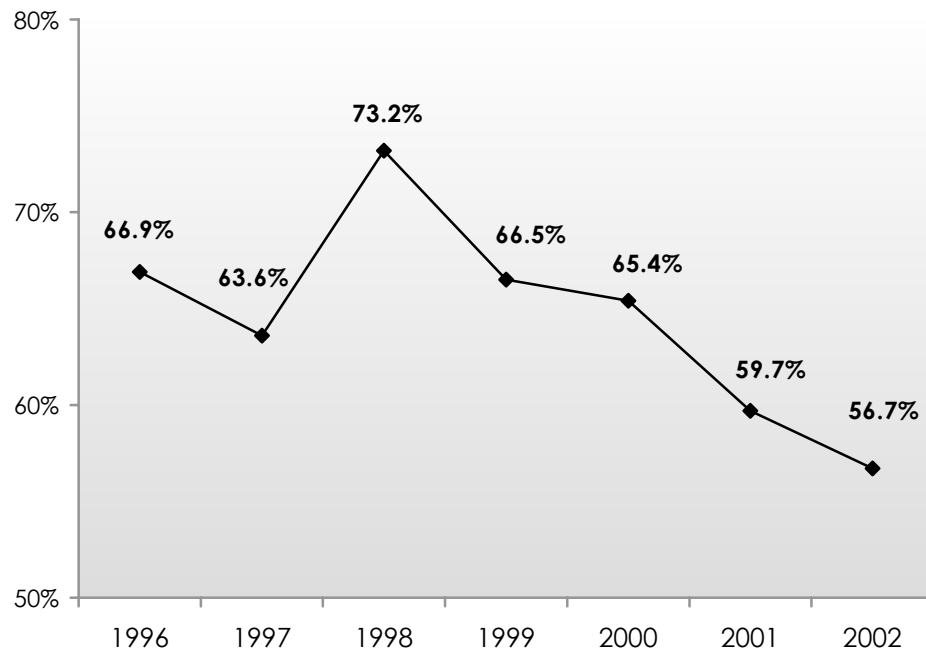
Source: California Office of Statewide Health Planning and Development, Patient Discharge Dataset, 2002.

QUALITY OF LIFE INDICATOR 62

 **Alcohol Use**

This indicator measures reported use of alcohol as well as the availability of alcohol in the community.


How many times a week do you drink more than 2 alcoholic drinks in one sitting? (Respondents answering “never”)



How many times a week do you drink more than 2 alcoholic drinks in one sitting?

Number of Times	1996	1997	1998	1999	2000	2001	2002
Never	66.9	63.6	73.2	66.5	65.4	59.7	56.7
1	14.7	15.9	12.8	9.5	16.6	16.1	17.5
2	7.2	8.5	6.2	6.8	10.5	8.5	9.7
3	3.9	3.7	2.7	5.7	3.8	5.7	4.3
4	2.0	2.0	1.2	3.4	1.4	1.9	1.6
5	0.8	2.0	1.0	1.8	0.9	3.6	3.0
6	0.4	0.0	0.0	1.3	0.2	1.1	0.8
7	4.1	4.3	2.9	5.0	1.2	2.9	5.7
Total Respondents	489	508	514	558	656	702	681

Source: Santa Cruz County Community Assessment Project, Telephone Survey. See appendix for results of statistical testing for this question.

 *Percent of respondents indicating they have had 5 or more alcoholic drinks in the past month:*

2001 CHIS Data	Santa Cruz	California
1	12.7	10.7
2	6.8	5.7
3	4.0	2.5
4	3.8	2.7
5+	3.6	4.6
Estimated Total	132,000	14,004,000

Source: 2001 California Health Interview Survey.

Availability of Alcohol

This chart compares the number and rate of retail alcohol outlets in the County versus the state. Retail alcohol outlets include off-sale establishments, where alcohol is sold for consumption off premises, such as supermarkets and liquor stores, as well as places where alcohol is consumed on the premises (bars, restaurants, etc.).

Number of Alcohol Outlets Per 1,000 People

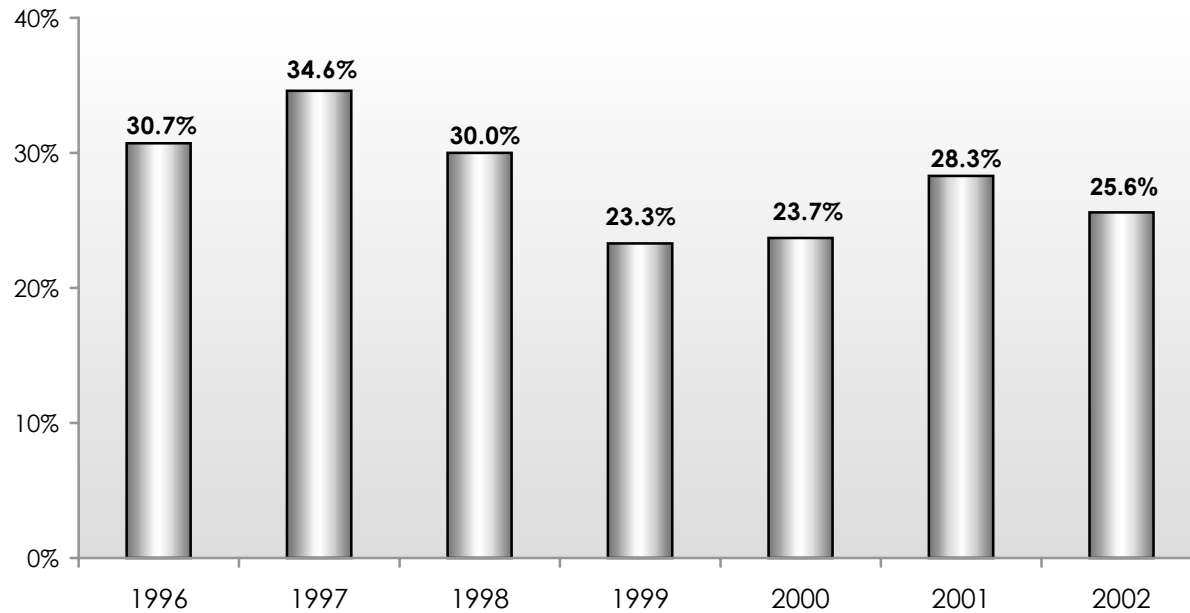
	1995	1996	1997	1998	1999	2000	2001	% Change
Retail Alcohol Outlets — County	679	663	668	657	638	641	641	0.0
Retail Alcohol Outlets — State	N / A	66,678	66,459	66,295	66,268	66,436	71,216	7.2
Outlets per 1,000 People — County	2.8	2.7	2.7	2.6	2.5	2.5	2.4	-4.0
Outlets per 1,000 People — State	2.1	2.1	2.0	2.0	2.0	1.9	2.0	5.3

Source: California Department of Alcohol Beverage Control, 2002.

QUALITY OF LIFE INDICATOR 64

☎ Acceptance of Marijuana Use

How acceptable do you find the use of marijuana for recreational or non-medicinal use? (Respondents answering “acceptable”)



Total respondents	1996	1997	1998	1999	2000	2001	2002
Overall	475	489	497	558	657	700	681

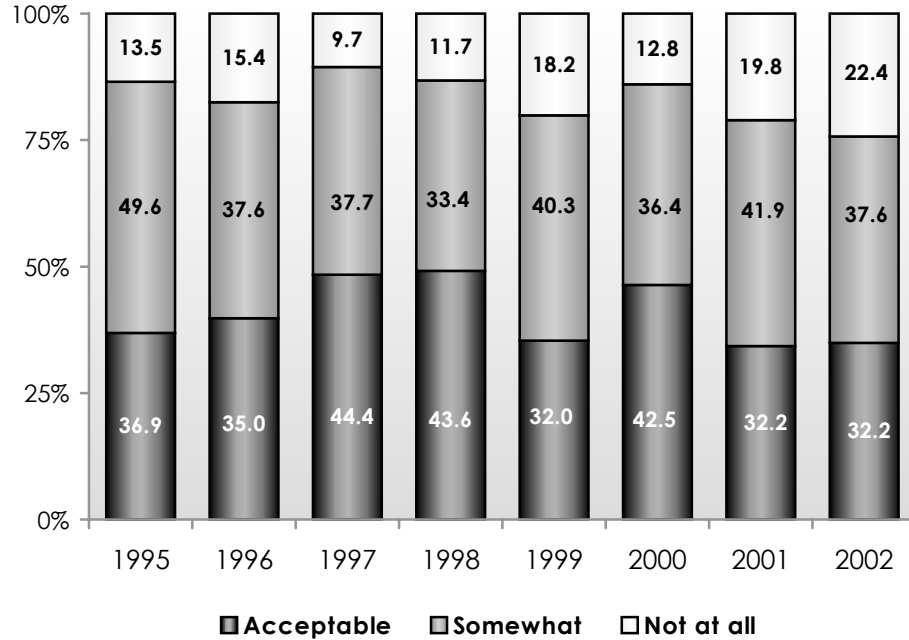
Source: Santa Cruz County Community Assessment Project, Telephone Survey.

Question was re-worded in 1999 to include “recreational or non-medicinal.”

See appendix for results of statistical testing for this question.

Community Acceptance of Marijuana Use

How acceptable do you think our community finds the use of marijuana for recreational or non-medicinal use?



Total respondents	1995	1996	1997	1998	1999	2000	2001	2002
Overall	282	492	504	512	559	657	702	681

Due to low numbers, the "don't know" response is not included in the graph.

Question was re-worded in 1999 to include "recreational or non-medicinal."

Why do you think our community feels this way? (Selected responses)

Respondents who said that they think that our community finds the use of marijuana for recreational or non-medicinal use to be:

Acceptable	2000	2001	2002
Liberal / Tolerant	45.2	46.0	40.7
Acceptable	9.7	14.4	12.6
Many people use it	29.0	14.1	18.2
Hippies	10.4	13.6	10.3

Year 2002: 216 respondents offering 253 responses.

Respondents who said that they think that our community finds the use of marijuana for recreational or non-medicinal use to be:

Somewhat acceptable	2000	2001	2002
Liberal / Tolerant	42.4	32.7	37.2
Many people use it	23.5	16.0	15.9
OK for medical use	8.0	9.8	8.3
Acceptable	5.0	9.4	12.2

Year 2002: 250 respondents offering 306 responses.

Respondents who said that they think that our community finds the use of marijuana for recreational or non-medicinal use to be:

Not at all acceptable	2000	2001	2002
Illegal / Bad for health	12.2	41.4	21.8
Not acceptable	54.9	20.3	33.9
Addicted to it	4.9	9.1	4.6
Should be legal	8.5	8.8	4.1

Year 2002: 150 respondents offering 160 responses.

Source: Santa Cruz County Community Assessment Project, Telephone Survey.

See appendix for results of statistical testing for this question.

QUALITY OF LIFE INDICATOR 65

Tobacco Use – Students

This table represents the self-reported use of tobacco by students.

Student Tobacco Use, Santa Cruz County

Frequency of Use	1993/1994	1995/1996	1997/1998	1999/2000
Ever Used*				
7 th Grade	–	–	–	19.0
9 th Grade	65.0	55.0	51.0	38.0
11 th Grade	64.0	66.0	59.0	55.0
Used in Last 30 Days*				
7 th Grade	–	–	–	6.0
9 th Grade	–	–	24.0	13.0
11 th Grade	–	–	27.0	19.0

Source: *The American Drug and Alcohol Survey 1994-1998, California Healthy Kids Survey, 2001.*

Santa Cruz County - Student *Smokeless* Tobacco Use in the Last 30 Days

Grade	1998	2000
8 th Grade	2.0	NA
9 th Grade	2.0	3.0
11 th Grade	4.0	3.0

Source: *California Healthy Kids Survey, 2000.*

* The question changed in 2000 from “used cigarettes” to “tried even one or two puffs of a cigarette”.

 **New data not available**

State Comparison - Student Tobacco Use in the Last 30 Days

Grade	1994	1996	1998	2000**
8 th Grade	17.7	15.1	13.4	7.0
9 th Grade	30.2	28.2	29.0	13.0
11 th Grade	29.1	30.5	29.3	21.0

Source: *California Department of Justice, Seventh Biennial California Student Substance Abuse Survey, 2000.*

National Comparison - Student Tobacco Use in the Last 30 Days

Grade	1994	1996	1998	2000	2001
8 th Grade	18.6	21.0	19.1	14.6	12.2
9 th Grade	25.4	30.4	27.6	23.9	21.3
11 th Grade	31.2	34.0	35.1	31.4	29.5

Source: *University of Michigan, Institute for Social Research, Monitoring the Future, 2002.*

** Part of the decline in smoking may be attributable to a change in question wording.

Tobacco Use - Adults

Adult Tobacco Use, Santa Cruz Tri-County Area*

	Current Smoker		Former Smoker		Quit Ratio	
	1990	1996	1990	1996	1990	1996
Tri-County Area	19.0	16.5	11.1	11.6	37.0	41.1
State	22.2	18.1	9.8	10.3	30.6	36.4

Source: Department of Health Services, *Tobacco Control in California: Who's Winning the War?* 1998.

All figures are within 95% confidence intervals. Former smoker and quit ratios are within the last five years. The sample size for the Santa Cruz Tri-County Area was 3,249 in 1990 and 3,645 in 1996.

In California, the sample size was 65,139 in 1990, and 78,337 in 1996.

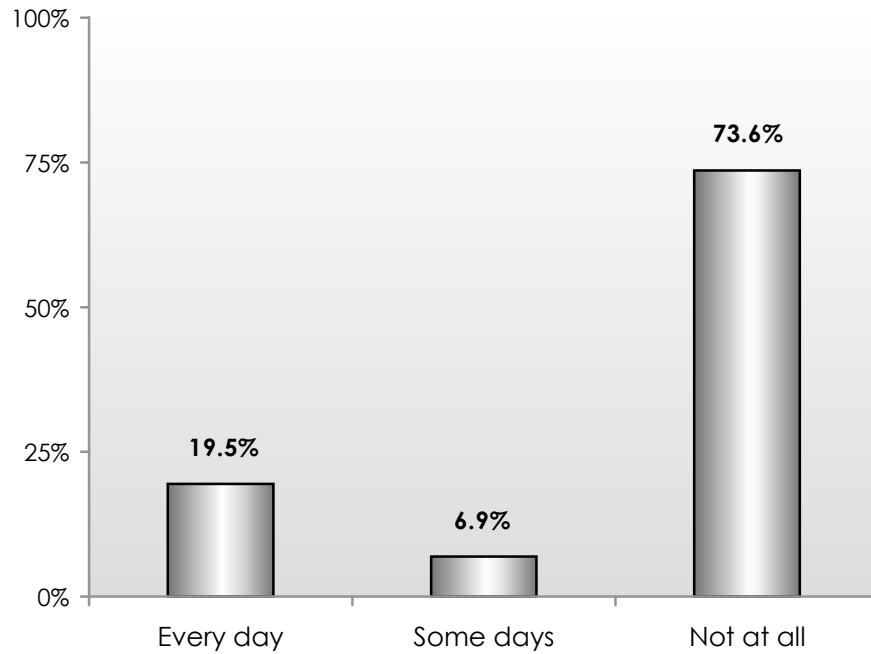
* Santa Cruz Tri-County area includes Monterey, San Benito, and Santa Cruz Counties.


 **New data not available**

QUALITY OF LIFE INDICATOR 66

 **Tobacco Use**

Do you now smoke cigarettes every day, some days, or not at all?



 *Percent of respondents indicating they smoke every day, some days or not at all (asked of adults who have smoked at least 100 cigarettes).*

2001 CHIS Data	Santa Cruz	California
Every Day	23.6	28.2
Some days	17.0	12.1
Not at all	59.5	59.7
Estimated Total	87,000	10,025,000

Source: 2001 California Health Interview Survey.

Total respondents	2002
Overall	684

Source: Santa Cruz County Community Assessment Project, Telephone Survey.

See appendix for results of statistical testing for this question.

Current Substance Use by Students

This table represents the self-reported drug and alcohol use among youth in Santa Cruz County, as well as statewide and national comparisons.



Santa Cruz County, by percent

Use in Last 30 days	Grade	1993-1994	1995-1996	1998-1999	2000-2001
Alcohol***	7 th Grade	N/A	N/A	N/A	18.0
	9 th Grade	51.0	42.0	38.0	39.0
	11 th Grade	55.0	53.0	51.0	51.0
Marijuana	7 th Grade	N/A	N/A	N/A	7.0
	9 th Grade	35.0	30.0	25.0	22.0
	11 th Grade	40.0	35.0	34.0	32.0
Cocaine	7 th Grade	N/A	N/A	N/A	N/A
	9 th Grade	3.0	3.0	3.0	4.0
	11 th Grade	4.0	6.0	5.0	6.0
Stimulants*	7 th Grade	N/A	N/A	N/A	N/A
	9 th Grade	3.0	3.0	4.0	N/A
	11 th Grade	3.0	4.0	3.0	N/A
Inhalants	7 th Grade	N/A	N/A	N/A	4.0
	9 th Grade	6.0	4.0	5.0	5.0
	11 th Grade	3.0	2.0	1.0	4.0
Hallucinogens**	7 th Grade	N/A	N/A	N/A	N/A
	9 th Grade	10.0	6.0	5.0	4.0
	11 th Grade	10.0	8.0	4.0	5.0
Heroin	7 th Grade	N/A	N/A	N/A	N/A
	9 th Grade	N/A	1.0	2.0	N/A
	11 th Grade	N/A	2.0	1.0	N/A

Source: The American Drug and Alcohol Survey, 1999. California Healthy Kids Survey, 2001.

* Includes amphetamines, methamphetamines

** Includes PCP

California, by percent

Use in Last 30 Days	Grade	1993-1994	1995-1996	1998-1999	2000-2001
Alcohol	7 th Grade	27.8	23.2	21.7	16.0
	9 th Grade	43.5	39.2	37.5	29.0
	11 th Grade	50.1	47.7	46.9	44.0
Marijuana	7 th Grade	11.1	6.2	7.5	5.0
	9 th Grade	22.7	23.6	18.1	13.0
	11 th Grade	25.6	25.9	25.7	24.0
Cocaine/ Crack	7 th Grade	6.0	0.9	2.0	N/A
	9 th Grade	5.5	2.6	N/A	1.0
	11 th Grade	3.2	3.6	N/A	4.0
Amphetamines	7 th Grade	6.1	0.7	1.7	N/A
	9 th Grade	6.4	3.2	3.4	N/A
	11 th Grade	5.8	4.5	5.9	N/A
Inhalants	7 th Grade	13.5	7.3	7.8	3.0
	9 th Grade	13.6	10.4	8.5	3.0
	11 th Grade	7.4	6.8	5.8	3.0
Psychedelics****	7 th Grade	5.7	0.6	1.4	N/A
	9 th Grade	6.2	3.8	3.1	N/A
	11 th Grade	4.9	6.0	4.9	N/A

Source: California Department of Justice, Seventh Biennial California Student Substance Abuse Survey, 1998, California Healthy Kids Survey, 2000.

*** Changed from "have you ever had alcohol to drink" to "During your life have you ever used or tried at least one drink of alcohol, not just a sip-such as a can of beer, glass of wine, wine cooler or liquor?"

****Includes LSD

 New data not available

QUALITY OF LIFE INDICATOR 67

Current Substance Use by Students

National Comparison - Use in Last 30 Days

Substance	1994	1995	1996	1997	1998	1999	2000	2001
Alcohol								
8 th Grade	25.5	24.6	26.2	24.5	23.0	24.0	22.4	21.5
10 th Grade	39.2	38.8	40.4	40.1	38.8	40.0	N/A	39.0
12 th Grade	50.1	51.3	50.8	52.7	52.0	51.0	50.0	49.8
Marijuana / Hashish								
8 th Grade	7.8	9.1	11.3	10.2	9.7	9.7	9.1	9.2
10 th Grade	15.8	17.2	20.4	20.5	18.7	19.4	N/A	19.8
12 th Grade	19.0	21.2	21.9	23.7	22.8	23.1	21.6	22.4
Cocaine								
8 th Grade	1.0	1.2	1.3	1.1	1.4	1.3	1.2	1.2
10 th Grade	1.2	1.7	1.7	2.0	2.1	1.8	N/A	1.3
12 th Grade	1.5	1.8	2.0	2.3	2.4	2.6	2.1	2.1
Amphetamines								
8 th Grade	3.6	4.2	4.6	3.8	3.3	3.4	N/A	3.2
10 th Grade	4.5	5.3	5.5	5.1	5.1	5.0	N/A	5.6
12 th Grade	4.0	4.0	4.1	4.8	4.6	4.5	N/A	5.6
Inhalants								
8 th Grade	5.6	6.1	5.8	5.6	4.8	5.0	4.5	4.0
10 th Grade	3.6	3.5	3.3	3.0	2.9	2.6	N/A	2.4
12 th Grade	2.7	3.2	2.5	2.5	2.3	2.0	2.2	1.7
Hallucinogens								
8 th Grade	1.3	1.7	1.9	1.8	1.4	1.3	1.2	1.2
10 th Grade	2.4	3.3	2.8	3.3	3.2	2.9	N/A	2.1
12 th Grade	3.1	4.4	3.5	3.9	3.8	3.5	2.6	3.2
Heroin								
8 th Grade	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.6
10 th Grade	0.4	0.6	0.5	0.6	0.7	0.7	N/A	0.3
12 th Grade	0.3	0.6	0.5	0.5	0.5	0.5	0.7	0.4

Source: University of Michigan, Institute for Social Research, *Monitoring the Future*, 2002.

The "Monitoring the Future" survey does not indicate the school year, only the calendar year.


Mental and Physical Health

These tables represent people’s perception of their mental and physical health, an important indicator of well-being.

Would you say that in general your mental health (including stress, depression and problems with emotions) is:


Response	1996	1997	1998	1999	2000	2001	2002
Excellent	27.1	27.7	30.9	36.0	31.2	29.5	32.8
Very good	37.5	36.9	40.9	37.1	39.4	36.6	33.8
Good	23.6	22.4	21.6	21.3	20.7	22.0	23.5
Fair	10.0	10.8	5.6	5.0	7.6	9.3	7.7
Poor	1.8	2.2	1.0	0.5	1.2	1.9	2.3
Total Respondents	499	506	514	558	658	705	682

Source: Santa Cruz County Community Assessment Project, Telephone Survey.


 *Percent of respondents who said they have needed help with emotional/mental health problems in the past 12 months.*

CHIS Data	Santa Cruz	California
Yes	17.1	15.1
No	82.9	84.9
Estimated Total	185,000	23,719,000


Source: 2001 California Health Interview Survey.

 *Percent of respondents who said they have visited a specialist for emotional/mental health problems in the past 12 months.*

CHIS Data	Santa Cruz	California
Yes	13.3	7.6
No	86.7	92.4
Estimated Total	186,000	23,775,000

 *Percent of respondents who said their insurance covers treatment for mental health.*

CHIS Data	Santa Cruz	California
Yes	83.4	83.9
No	16.6	16.1
Estimated Total	111,000	14,067,000

 *Percent of respondents who said they have discussed emotional/mental health problems with a medical person.*

CHIS Data	Santa Cruz	California
Yes	41.6	36.8
No	58.4	63.2
Estimated Total	39,000	3,881,000

Source: 2001 California Health Interview Survey.


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 **Mental and Physical Health, continued**

Would you say that in general, your physical health (including physical illness and injury) is:

Response	1996	1997	1998	1999	2000	2001	2002
Excellent	27.1	27.7	29.4	29.0	24.8	24.6	24.3
Very good	37.5	36.9	36.6	38.3	38.8	33.0	33.2
Good	23.6	22.4	22.8	19.7	24.8	24.6	24.9
Fair	10.0	10.8	9.3	10.4	10.3	12.3	13.5
Poor	1.8	2.2	1.9	2.7	1.4	5.1	4.0
Total Respondents	501	509	514	559	658	706	684

Source: Santa Cruz County Community Assessment Project, Telephone Survey.

 *Percent of respondents indicating their general health is:*

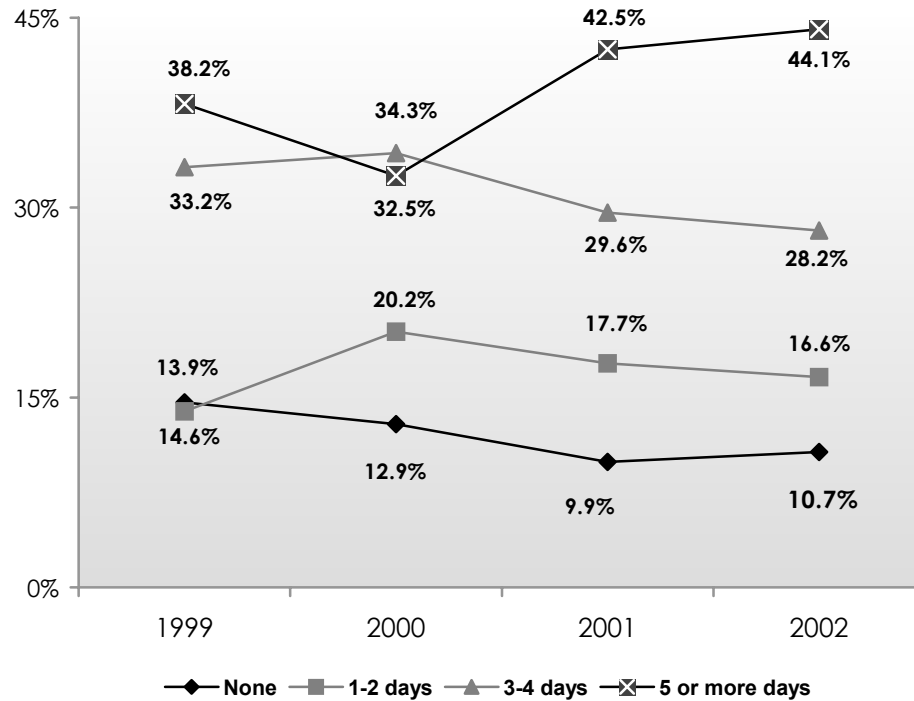
CHIS Data	Santa Cruz	California
Excellent	25.9	19.5
Very Good	33.0	32.2
Good	25.5	30.5
Fair	13.3	14.3
Poor	2.4	3.6
Estimated Total	186,000	23,829,000

Source: 2001 California Health Interview Survey.

Health Promotion

Physical activity is an important factor in achieving and maintaining good health.

How many days a week do you engage in physical activity for a combined total of 30 minutes or more?



How many days a week do you engage in physical activity for a combined total of 30 minutes or more?

Response	1999	2000	2001	2002
None	14.6	12.9	9.9	10.7
1-2 days	13.9	20.2	17.7	16.6
3-4 days	33.2	34.3	29.6	28.2
5 or more days	38.2	32.5	42.5	44.1
Total Respondents	560	658	705	684

Source: Santa Cruz County Community Assessment Project, Telephone Survey.

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Diabetes

The projected number of adults with diagnosed Diabetes in Santa Cruz County is roughly 5%, while that percentage is 6% for California. Of the total number of adults diagnosed with Diabetes, 5-10% would have Type 1 Diabetes and 90-96% would have Type 2 Diabetes.

Projected* Number of Adults with Diagnosed Diabetes by Gender, Age Group, and Ethnicity, Santa Cruz County, 2000

	Both Genders	Rate per 1,000 population	Females			Males		
	18 and above	18 and above	18 and above	18-44	45 and above	18 and above	18-44	45 and above
African-American	160	74.8	61	11	51	99	8	91
Hispanic	2,602	69.7	1,368	365	1,003	1,234	244	989
Caucasian	6,193	42.5	3,162	326	2,836	3,031	468	2,563
Other	700	N/A	294	48	246	406	94	312
County Total	9,655	49.6	4,885	749	4,136	4,770	815	3,955

Projected* Number of Adults with Diagnosed Diabetes by Gender, Age Group, and Ethnicity, California, 2000

	Both Genders	Rate per 1,000 population	Females			Males		
	18 and above	18 and above	18 and above	18-44	45 and above	18 and above	18-44	45 and above
African-American	136,877	83.8	68,702	7,888	60,814	68,175	5,315	62,860
Hispanic	458,908	69.9	245,514	63,926	181,589	213,394	42,874	170,520
Caucasian	576,037	42.2	295,992	30,378	265,615	280,045	45,361	234,684
Other	221,282	N/A	94,417	15,151	79,266	126,866	31,822	95,043
State Total	1,393,105	56.0	704,626	117,343	587,283	688,479	125,372	563,107

Source: Department of Health Services, California Diabetes Control Program, *The Burden of Diabetes in California Counties, 2000*; Population totals from the Department of Finance.

* Based on California Behavioral Risk Factor Surveys, 1996-98, and California Department of Finance's population projections for the year 2000. Numbers may not add up due to rounding.

Reported Communicable Diseases

Communicable diseases are an indicator of a community's overall health, and are largely preventable and/or treatable.

Reported Cases - Three Year Averages

Disease	93-95	94-96	95-97	96-98	97-99	98-00	99-01	98-00 to 99-01 % Change
Chlamydia	338	333	336	342	360	433	501	15.7
Gonorrhea	40	37	37	43	39	37	37	0.0
Hepatitis A	44	54	54	50	43	23	18	-21.7
Hepatitis B (Acute)	12	12	12	11	11	7	7	0.0
Lyme Disease	3	3	3	3	3	3	5	66.7
Measles	2	1	1	1	3	3	4	33.3
Pertussis (Whooping Cough)	15	28	28	60	66	57	33	-42.1
Salmonellosis	52	53	53	51	44	37	41	10.8
Shigellosis	32	36	36	28	30	24	22	-8.3
Syphilis	16	13	13	6	4	1	1	0.0
Tuberculosis	24	20	20	15	14	10	8	-20.0

Source: Santa Cruz County Health Services Agency, Communicable Disease Morbidity Comparisons, 2002.

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Reported Communicable Diseases – AIDS

Newly Diagnosed Cases of AIDS, By Ethnicity

Ethnicity	1994	1995	1996	1997	1998	1999	2000	2001
Caucasian	35	33	15	23	15	18	10	7
Hispanic	6	9	6	3	5	10	6	3
African American	0	1	1	0	1	3	0	0
Asian	1	3	0	0	0	1	0	0
Native American	1	0	1	2	0	1	0	0
Other / unknown	0	0	0	0	0	0	1	0
Total	43	46	23	28	21	33	17	10

Source: Santa Cruz County Health Services Agency Public Health Division, HIV /AIDS in Santa Cruz County, 2002.

Note: AIDS cases are attributed to the year in which the criteria for case definition were met, rather than to the year in which the disease was reported. Cases may thus be attributed retroactively, for example, to 1997 even if not reported until 2000. Updates are continual.

Suicides

Suicide, and the underlying problems associated with emotional pain continue to affect residents of all ages in Santa Cruz County.

Number of Suicides in Santa Cruz County, by Age

Age Group	1994	1995	1996	1997	1998	1999	2000	2001
Under 18	3	1	1	2	1	0	1	1
18-29	8	4	4	7	7	4	3	2
30-39	8	8	6	7	3	8	5	8
40-49	8	8	8	6	11	5	8	5
50-59	7	1	8	2	5	6	6	8
60 and Above	7	5	9	4	3	4	11	6
Age unknown	-	-	-	-	-	1	-	-
Total	41	27	36	28	30	28	34	30

Source: Santa Cruz County Coroner's Office, 2002.

Note: Percentage changes are not given because small numbers of cases can generate unstable projections.

Comparison of Suicide Rates per 100,000, Three-Year Averages

	1992-1994	1993-1995	1994-1996	1995-1997	1996-1998	1999-2000*	Year 2010 National Objective
County	14.9	14.0	12.4	10.7	10.0	11.8	5.0
State	10.9	10.9	10.7	10.3	9.4	9.5	5.0

Source: California Department of Health Services and California Conference of Local Health Officers, County Health Status Profiles, 2002.

Healthy People 2010 Objectives are a set of health objectives for the Nation to achieve over the first decade of the new century. It can be used by many different people, states, communities, professional organizations and others to help develop programs to improve health.

* Rates for 1999 and 2000 are reported as a two-year average, rather than as a three-year average as in earlier years. Data for 1999 and 2000 (reported in the 2001 Profiles, released in 2002) conform to the International Classification of Diseases, Tenth Revision (ICD-10). Previous years' data conformed to ICD-9, which has half as many categories, different coding rules, and some variations in titles and groupings. In the future, the Department of Health Services will provide data on a yearly basis. Data from 1999 and 2000 therefore cannot be combined with previous years to compute three-year averages, although 1999 and 2000 data is used to make a two-year average, after which three-year averages will be possible again.

QUALITY OF LIFE INDICATOR 73

Leading Causes of Death – by Cause

Monitoring the causes of death is important for planning prevention activities.

Santa Cruz County Deaths per 100,000 Population

Cause of Death	1992-1994	1993-1995	1994-1996	1995-1997	1996-1998	1999-2000 **	Year 2010 National Objective
Heart Disease	87.1	86.4	82.6	74.7	68.1	155.2	166.0
All Cancers	119.0	120.8	109.0	104.3	97.0	145.6	159.9
Lung Cancer	30.8	31.8	29.0	25.9	22.8	35.0	44.9
Breast Cancer	22.2	23.2	21.5	20.2	19.7	22.5	22.3
Stroke	23.3	24.7	24.7	25.3	21.7	49.7	48.0
Drug-Related	7.6	8.9	8.5	8.6	*6.9	10.7	1.0
Unintentional Injuries	23.0	23.0	23.7	23.3	23.6	24.6	17.5
Suicide	14.9	14.0	12.4	10.7	10.0	11.8	5.0
Firearm Injuries	9.9	8.5	6.7	* 5.3	* 6.5	* 7.0	4.1
Homicide	4.0	* 3.9	* 3.5	* 3.0	* 3.7	* 2.8	3.0
Motor Vehicle Crashes	11.2	10.4	11.2	11.0	10.8	* 6.0	9.2
Deaths due to All Causes	416.7	418.7	405.0	389.1	375.8	692.5	None set

Source: State of California, Department of Health Services and California Conference of Local Health Officers, County Health Status Profiles, 2002.

* Case rate unreliable, relative standard of error is greater than or equal to 23%.

** Rates for 1999 and 2000 are reported as a two-year average, rather than as a three-year average as in earlier years. Data for 1999 and 2000 (reported in the 2001 Profiles, released in 2002) conform to the International Classification of Diseases, Tenth Revision (ICD-10). Previous years' data conformed to ICD-9, which has half as many categories, different coding rules, and some variations in titles and groupings. In the future, the Department of Health Services will provide data on a yearly basis. Data from 1999 and 2000 therefore cannot be combined with previous years to compute three-year averages, although 1999 and 2000 data is used to make a two-year average, after which three-year averages will be possible again.

Leading Causes of Death – by Cause

California Deaths per 100,000 Population

Cause of Death	1992-1994	1993-1995	1994-1996	1995-1997	1996-1998	1999-2000 *	Year 2010 National Objective
Heart Disease	103.9	101.3	100.6	96.9	93.9	201.5	166.0
All Cancers	118.0	116.2	115.9	113.3	110.3	179.8	159.9
Lung Cancer	32.8	32.2	31.8	31.0	30.0	46.8	44.9
Breast Cancer	20.0	19.7	19.7	18.9	18.3	25.2	22.3
Stroke	25.8	25.7	26.3	26.1	25.3	63.3	48.0
Drug-Related	7.8	7.9	8.0	7.9	7.5	8.7	1.0
Unintentional Injuries	27.1	26.6	26.6	25.7	24.2	27.4	17.5
Suicide	10.9	10.9	10.7	10.3	9.4	9.5	5.0
Firearm Injuries	17.0	16.3	15.0	13.5	11.6	9.3	4.1
Homicide	13.4	12.7	11.8	10.6	9.0	6.1	3.0
Motor Vehicle Crashes	13.4	13.2	13.2	12.4	11.4	9.8	9.2
Deaths due to All Causes	461.7	453.9	454.2	439.9	425.7	773.8	None set

Source: State of California, Department of Health Services and California Conference of Local Health Officers, County Health Status Profiles, 2002.

* Rates for 1999 and 2000 are reported as a two-year average, rather than as a three-year average as in earlier years. Data for 1999 and 2000 (reported in the 2001 Profiles, released in 2002) conform to the International Classification of Diseases, Tenth Revision (ICD-10). Previous years' data conformed to ICD-9, which has half as many categories, different coding rules, and some variations in titles and groupings. In the future, the Department of Health Services will provide data on a yearly basis. Data from 1999 and 2000 therefore cannot be combined with previous years to compute three-year averages, although 1999 and 2000 data is used to make a two-year average, after which three-year averages will be possible again.

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Leading Causes of Death, by Ethnicity Santa Cruz County

Caucasian

Cause of Death	1994	1995	1996	1997	1998	1999	2000	% Change
Heart Disease	500	488	455	422	470	424	447	5.4
Cancer	360	352	324	352	298	305	315	3.3
Stroke	99	149	115	126	105	81	118	45.7
Chronic Obstructive Pulmonary Disease	77	87	97	84	84	75	108	44.0
Pneumonia / Influenza	87	82	103	82	84	48	58	20.8
Unintentional Injuries	43	48	49	52	42	44	41	-6.8
Diabetes Mellitus	22	17	42	19	31	37	28	-24.3
Suicide	32	24	30	19	27	30	31	3.3
Chronic Liver Disease Cirrhosis	22	25	22	20	23	25	23	-8.0
Homicide	3	3	2	1	10	1	3	200.0
AIDS	33	22	18	8	9	8	6	-25.0
All Other Causes / Residual	231	258	251	259	291	354	259	-26.8
Total	1,509	1,555	1,508	1,444	1,474	1,432	1,437	0.3

Source: State of California Department of Health Services, 2002.

Latino

Cause of Death	1994	1995	1996	1997	1998	1999	2000	% Change
Heart Disease	27	23	32	25	21	30	46	53.3
Cancer	24	23	22	39	21	28	26	-7.1
Stroke	11	7	6	6	6	11	10	-9.1
Chronic Obstructive Pulmonary Disease	3	4	1	0	3	2	2	0.0
Pneumonia / Influenza	3	3	2	5	3	0	1	100.0
Unintentional Injuries	16	19	10	12	5	13	7	-46.2
Diabetes Mellitus	3	2	6	5	8	7	10	42.9
Suicide	4	4	2	6	1	0	2	200.0
Chronic Liver Disease Cirrhosis	6	3	4	8	4	5	5	0.0
Homicide	3	5	8	2	4	2	5	150.0
AIDS	2	3	0	5	4	1	3	200.0
All Other Causes / Residual	35	31	29	21	44	29	33	13.8
Total	137	127	122	134	124	128	150	17.2

Source: State of California Department of Health Services, 2002.

Leading Causes of Death, by Ethnicity Santa Cruz County

African American

Cause of Death	1994	1995	1996	1997	1998	1999	2000	% Change
Heart Disease	1	0	3	4	2	1	5	400.0
Cancer	4	2	5	2	4	1	2	100.0
Stroke	0	0	1	1	1	0	2	200.0
Chronic Obstructive Pulmonary Disease	1	0	0	1	0	1	0	-100.0
Pneumonia / Influenza	0	0	0	1	0	0	0	0.0
Unintentional Injuries	2	1	0	2	0	2	0	-100.0
Diabetes Mellitus	1	1	1	0	0	3	0	-100.0
Suicide	2	1	0	1	1	0	0	0.0
Chronic Liver Disease Cirrhosis	0	0	0	1	0	0	0	0.0
Homicide	0	0	0	0	0	0	0	0.0
AIDS	3	0	2	0	0	1	0	-100.0
All Other Causes / Residual	0	1	2	0	1	3	5	66.7
Total	14	6	14	13	9	12	14	16.7

Source: State of California Department of Health Services, 2002.

Asian / Other (Includes American Indian)

Cause of Death	1994	1995	1996	1997	1998	1999	2000	% Change
Heart Disease	12	12	24	16	20	15	18	20.0
Cancer	12	4	8	11	6	11	8	-27.3
Stroke	5	5	10	5	3	4	6	50.0
Chronic Obstructive Pulmonary Disease	1	0	3	0	1	3	2	-33.3
Pneumonia / Influenza	4	3	2	0	1	1	1	0.0
Unintentional Injuries	6	2	0	3	6	4	1	-75.0
Diabetes Mellitus	2	3	4	0	1	0	0	0.0
Suicide	0	0	2	0	0	1	0	-100.0
Chronic Liver Disease Cirrhosis	1	1	0	0	1	1	1	0.0
Homicide	0	0	0	0	0	1	0	-100.0
AIDS	1	0	0	0	0	0	0	0.0
All Other Causes / Residual	5	7	6	14	9	4	12	200.0
Total	49	37	59	49	48	45	49	8.9

Source: State of California Department of Health Services, 2002.

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Leading Causes of Death, by Age Group Santa Cruz County

Monitoring the causes of death in children helps inform both the public and health practitioners about health risks and areas for prevention.

Children Under Age 1

Cause of Death	1994	1995	1996	1997	1998	1999	2000
Perinatal Period	8	3	7	12	7	1	0
Congenital Anomalies	12	7	11	1	2	0	1
Symptoms/ Ill defined	4	1	3	0	2	1	1
Heart	1	0	0	1	2	0	0
Unintentional Injuries	1	0	0	0	1	0	0
AIDS	1	0	0	0	0	0	0
All Other Causes	1	2	0	3	6	5	4
Total	28	13	21	17	20	7	6

Children Ages 1- 4

Cause of Death	1994	1995	1996	1997	1998	1999	2000
Cancer	1	0	1	0	1	0	0
Unintentional Injuries	0	0	1	2	1	0	0
Congenital Anomalies	2	0	0	0	1	0	0
AIDS	0	1	0	0	0	0	0
Homicide	0	0	2	0	0	0	0
All Other Causes	1	0	0	0	2	0	0
Total	4	1	4	2	5	0	0

Source: State of California, Department of Health Services, Death Records, 2002.

Children Ages 5-14

Cause of Death	1994	1995	1996	1997	1998	1999	2000
Unintentional Injuries	2	2	1	0	3	1	1
Pneumonia & Influenza	0	1	1	1	0	0	0
Cancer	1	3	0	0	0	1	0
Congenital Anomalies	0	2	0	1	0	0	0
Aids	0	0	0	1	0	0	0
Homicide	0	0	1	0	0	0	0
All Other Causes	1	2	1	2	3	0	0
Total	4	10	4	5	6	2	1

Children Ages 15-19

Cause of Death	1994	1995	1996	1997	1998	1999	2000
Unintentional Injuries	2	5	2	6	4	5	2
Homicide	1	1	2	1	2	1	2
Suicide	1	0	1	2	2	0	1
Cancer	0	0	1	1	0	0	0
AIDS	0	0	0	0	1	0	0
All Other Causes	2	1	0	3	2	0	1
Total	6	7	6	13	11	6	6

Source: State of California, Department of Health Services, Death Records, 2002.

Deaths by Age Group and Ethnicity, Santa Cruz County

Deaths as a Percent of Population per Age Group - Caucasian, *Three Year Averages*

Age Group	1993-1995	1994-1996	1995-1997	1996-1998	1997-1999	1998-2000
<1	.60	.54	.44	.42	.27	.18
1-4	.02	.03	.02	.04	.05	.04
5-14	.02	.02	.02	.01	.01	.01
15-19	.03	.03	.05	.04	.04	.03
20-24	.05	.06	.06	.07	.05	.06
25-34	.12	.12	.10	.08	.08	.08
35-44	.19	.19	.18	.17	.15	.15
45-54	.35	.34	.32	.30	.28	.30
55-64	.92	.80	.75	.75	.71	.69
65+	5.67	5.54	5.08	4.97	4.72	4.62

Deaths as a Percent of Population per Age Group - Latino, *Three Year Averages*

Age Group	1993-1995	1994-1996	1995-1997	1996-1998	1997-1999	1998-2000
<1	.61	.62	.52	.64	.41	.27
1-4	.005	.009	.01	.01	.02	.02
5-14	.02	.02	.02	.01	.01	.01
15-19	.05	.07	.10	.11	.10	.08
20-24	.11	.09	.06	.06	.06	.04
25-34	.11	.11	.10	.10	.10	.10
35-44	.13	.16	.17	.14	.12	.11
45-54	.29	.28	.29	.26	.26	.27
55-64	.61	.58	.60	.65	.67	.61
65+	2.76	2.69	2.49	2.25	2.26	2.55

Source: State of California, Department of Health Services, Vital Statistics Section, 2002.