

HIV/AIDS in Santa Cruz County

**A report summarizing HIV/AIDS local data
and trends through 2004**



Prepared by the Health Services Agency, Public Health Division

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Executive Summary of the 2004 HIV/AIDS Report

- The number of persons in Santa Cruz County living with AIDS going into the year 2004 was 236, or approximately 42% of all persons ever diagnosed with AIDS. More persons were diagnosed with AIDS (8) than died during 2004 (5), continuing a trend of many years' standing.
- Men who have sex with men (MSM) remains the risk category of most persons diagnosed with AIDS in recent years (67%). Injection drug use continues to be the second-most reported manner of contracting HIV (12%). In recent years (2000-2004), heterosexual contact as a mode of transmission is a growing concern (17%).
- With HIV, non-AIDS cases now reportable, this document provides an overview of all newly identified HIV cases as they are reported to the Health Services Agency. Among HIV, non-AIDS cases, MSM continues to be the mode of transmission most often reported. During 2004 there were 6 new HIV-positive cases; 5 of those identified MSM behavior as their mode of transmission.
- The California Department of Health Services in conjunction with the Center for Disease Control and Prevention (CDC) initiated an Interstate Duplication Evaluation Project (IDEP) in July 2002, in response to duplication of HIV and AIDS records in the national data base. California received 22,474 pairs of potential duplicates with other states. California was determined to be the state of residence at diagnosis for 4,008 interstate duplicates and 2,341 California AIDS cases were found to have been diagnosed earlier in another state. The Santa Cruz County data base was updated in December of 2004 and 22 cases were found to be duplicates that had been diagnosed at an earlier date in another state. Those duplicate cases were deleted from the Santa Cruz County data system and therefore the 2004 Annual HIV/AIDS report reflects 22 fewer AIDS cases.
- The California State Office of AIDS has published a county-by-county estimate of the plausible numbers of persons with HIV infections. Using the state figures for calculation and comparison, the Health Services Agency estimates that there are between 571 and 672 persons with HIV in Santa Cruz County. Based on these estimates, there may be 100 or more individuals unaware of their serostatus and there may be 25 new infections per year occurring in Santa Cruz County.
- Because persons with AIDS are living longer, probably due to the newer therapies, there are more and more persons who have AIDS in addition to other chronic diseases associated with older age such as diabetes, heart disease, and diseases of the liver, such as hepatitis C associated cirrhosis.

Santa Cruz County New AIDS Cases by Year Diagnosed 1983 - 2004

For each of the years from 1983 through 2004, the bar graph depicts the number of persons whose primary residence was in Santa Cruz County and who were diagnosed with AIDS. The range is from one person diagnosed in 1983 to 73 persons diagnosed in 1992.

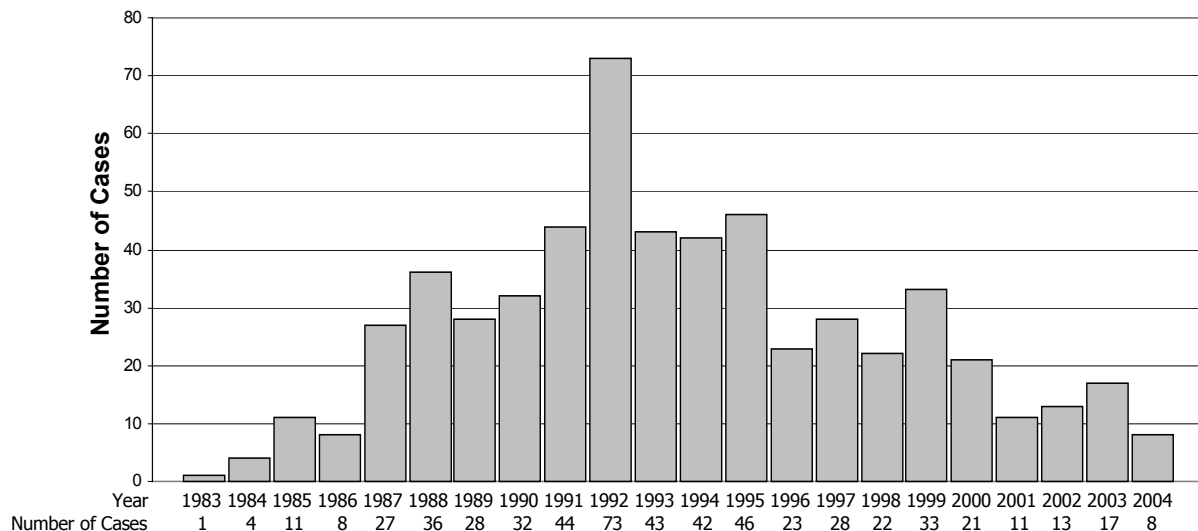
In 2004, 8 persons who claimed residence in Santa Cruz County were diagnosed with AIDS.

The bar graph depicts 1992 as the year with the most ever reported new local AIDS cases. This matches the data in most California counties as well as the cumulative state count. In the years since 1992, annual new case counts have not followed a steady trend. Cases dropped in some years, as between 1995 and 1996, only to rise again, as between 1998 and 1999. This uneven year-to-year experience is also seen in some other California counties. The state overall has seen a slow, rather steady decline in new cases, often attributed to persons with HIV initiating therapy that delays the onset of AIDS.

Since 557 persons (3 children and 554 adolescents/adults) had ever been counted in the Santa Cruz database as local residents with AIDS, the 236 survivors represent approximately 42% of persons ever diagnosed with AIDS.

The Health Services Agency estimates that there are between 571 and 672 local persons with HIV infection (this figure includes the 236 persons living with AIDS) in Santa Cruz County.

**Santa Cruz County New AIDS Cases by Year Diagnosed
1983-2004**



Adult/Adolescent New AIDS Cases by Year, Gender, Mode of Transmission, Race/Ethnicity, and Age, Santa Cruz County, 1983 - 2004

The following chart shows the annual tallies of AIDS cases for persons ages 13 and older in each of the years since 1983. The total number of persons ever diagnosed with AIDS in this chart is 554. The chart excludes 3 children who had an AIDS diagnosis, all of whom died. The children were infected perinatally. There was a boy and two girls.

In all years, the number of new cases of AIDS among men exceeded the number of new cases in women. In 2004, the cases among women accounted for a larger share of total new cases than in any prior year, with females accounting for over 37% of new cases.

The most common mode of transmission is sexual contact between men. This is true statewide. In Santa Cruz County, the trend follows the state trend of male-to-male sexual transmission accounting for a smaller share of transmissions as the years go by, while still remaining the most commonly reported transmission route. In 1999, male-to-male sexual transmission accounted for half of transmissions in new cases for the first time since the AIDS case registry was instituted. In 2001 and 2003 the male to male sexual transmission accounted for fewer than half of new cases. Persons who cited injection drug use is the transmission category that accounted for one of the 8 newly diagnosed cases in 2004. Infections associated with injection drug use are accounting for larger shares of cases in many jurisdictions in California. In 2004 in Santa Cruz County, only one new AIDS case was attributed to injection drug use. The other mode of transmission that has been increasing in California has been heterosexual exposure (with no documentation of injection drug use), and in 2004, three of the 8 local cases fit this category.

In Santa Cruz County and throughout the State, AIDS has become, over time, a disease that involves a larger share of the non-white population. However, Whites, the largest racial group in Santa Cruz, accounted for the largest number of total cases 1983-2004 (77%). In 2004, whites accounted for only three of the 8 cases (37%). Whites account for nearly 75% of the general county population. Latinos account for approximately 27% of the general population, and accounted for about 63% of new AIDS cases in 2004. The African American population has had a disproportionate share of AIDS cases over the years. The total of 22 ever-reported African American cases represents nearly 4% of all cases; African Americans represent about 1% of the general county population. There have been no new AIDS cases reported for African Americans since 2000.

AIDS is often not diagnosed until a person has been infected with HIV for as many as 10 years or more. In Santa Cruz, the AIDS diagnosis is most common among persons in their thirties and forties. However, there are in each year those in their twenties who are diagnosed with AIDS, which indicates that infection maybe occurring among teenagers.

Five persons who had ever received an AIDS diagnosis died in 2004.

**Adult/Adolescent New AIDS Cases by Year, Gender, Mode of Transmission,
Race/Ethnicity, and Age, Santa Cruz County, 1983 -2004**

Gender	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total
Male	1	4	11	8	26	35	26	28	38	65	38	39	42	21	21	14	24	17	11	15	15	5	504
Female	0	0	0	0	1	1	1	3	3	7	4	2	3	1	4	2	6	3	0	3	3	3	50
Total	1	4	11	8	27	36	27	31	41	72	42	41	45	22	25	16	30	20	11	18	18	8	554
Mode of Transmission																							
Men Who Have Sex w/Men (MSM)	1	4	7	4	24	30	21	25	28	44	28	29	34	14	17	11	15	12	5	10	6	4	373
Injection Drug Users (IDU)	0	0	0	0	1	3	2	3	4	13	4	5	5	3	4	1	7	4	2	4	3	1	69
MSM/IDU	0	0	3	3	1	2	2	2	4	7	6	4	2	2	0	0	0	1	3	2	3	0	47
Heterosexual Exposure	0	0	0	0	1	1	0	1	3	6	3	2	1	3	2	4	5	3	0	2	4	3	44
Transfusion Recipient	0	0	0	1	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Coagulation Disorder	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	4
Risk Not Reported/Other	0	0	1	0	0	0	1	0	0	1	0	0	3	0	1	0	3	0	1	0	2	0	13
Total	1	4	11	8	27	36	27	31	41	72	42	41	45	22	25	16	30	20	11	18	18	8	554
Race/Ethnicity																							
White	1	3	9	8	21	31	18	24	34	62	34	33	33	15	21	12	17	11	8	12	15	3	425
Latina/o	0	1	1	0	5	3	7	6	3	5	4	7	8	5	3	2	9	6	3	5	3	5	91
African American	0	0	1	0	1	1	1	1	2	5	2	0	1	1	0	2	2	2	0	0	0	0	22
Asian Pacific Islander	0	0	0	0	0	0	1	0	1	0	0	1	3	0	0	0	1	0	0	0	0	0	7
American Indian/Alaska Native	0	0	0	0	0	0	0	0	1	0	2	0	0	1	1	0	1	0	0	1	0	0	7
Other/Unknown	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Total	1	4	11	8	27	36	27	31	41	72	42	41	45	22	25	16	30	20	11	18	18	8	554
Age Category																							
13-19	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
20-29	0	2	1	2	6	8	4	3	1	16	8	4	9	5	5	4	4	2	1	3	2	0	90
30-39	0	2	6	2	8	24	12	16	23	32	17	24	17	10	8	6	12	12	5	5	8	2	251
40-49	0	0	4	3	11	4	6	9	15	14	15	8	12	6	8	4	8	4	2	7	5	5	150
Over 49	1	0	0	1	2	0	5	3	2	10	2	4	7	1	4	2	6	2	3	3	3	1	62
Total	1	4	11	8	27	36	27	31	41	72	42	41	45	22	25	16	30	20	11	18	18	8	554
Number of Deaths	1	1	6	12	8	17	22	25	22	23	31	37	29	19	7	7	14	9	9	8	6	5	318
Death Occurring During the Calendar year in Santa Cruz County, 1983 - 2004																							

Adult/Adolescent New AIDS Cases by Year and Zip Code at Time of Diagnosis, Santa Cruz County, 1983 - 2004

The table on the next page is a year-by-year review of where (by zip code) persons with AIDS resided within Santa Cruz County in the year in which they were diagnosed.

Persons with AIDS have lived in every part of the county, but the distribution has never been equally distributed. The largest number of persons with AIDS has been in and around the City of Santa Cruz (including Live Oak), comprising about 263 (47%) persons with AIDS diagnosis since 1983, and 80 (55%) persons diagnosed since 1997.

The mid-county area of Capitola, Soquel, and Aptos has accounted for about 20% of ever diagnosed adolescents/adults.

The southern area of the county defined as Freedom, Watsonville and Aromas has about 15% of ever diagnosed adolescents/adults.

The San Lorenzo Valley communities of Scotts Valley, Felton, Ben Lomond, Brookdale and the Summit area account for about 17% of ever-diagnosed adult/adolescent cases.

**Adult/Adolescent New AIDS Cases by Year and Zip Code at Time of Diagnosis,
Santa Cruz County,
1983- 2004**

	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Total	
95001	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
95003	0	0	0	3	5	2	0	4	5	6	4	7	3	2	2	2	1	4	0	0	0	0	1	51
95004	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
95005	0	0	0	1	0	3	1	0	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	17
95006	0	1	0	0	2	1	0	1	6	5	4	5	2	1	0	0	0	0	0	1	0	0	0	29
95007	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	5
95010	0	0	2	0	0	2	2	1	2	11	1	0	0	1	2	0	0	1	0	1	0	0	0	26
95018	0	0	2	0	1	3	0	1	2	2	1	2	1	0	3	1	2	1	0	3	2	0	0	27
95019	0	1	0	0	0	0	0	0	1	1	2	0	1	0	0	0	0	0	1	1	0	0	0	8
95030	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
95041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
95060	0	2	2	1	6	9	8	10	7	17	13	5	16	8	10	9	16	6	4	7	7	2	165	
95061	0	0	0	0	2	0	0	0	0	1	0	2	0	1	1	0	0	0	0	0	0	0	0	7
95062	1	0	1	1	4	6	4	5	7	11	9	5	9	2	4	0	3	3	1	0	2	1	79	
95064	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
95065	0	0	0	2	1	0	0	0	0	2	0	1	0	0	0	0	0	0	0	1	2	0	0	9
95066	0	0	1	0	0	2	1	0	0	2	1	2	2	0	0	1	0	0	0	0	0	1	0	13
95067	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
95073	0	0	0	0	2	3	2	2	2	3	1	5	1	3	1	0	2	0	1	1	0	1	0	30
95076	0	0	3	0	3	2	8	4	4	8	2	5	9	4	2	3	3	5	4	2	2	2	2	75
Unkno	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	1	4	11	8	27	36	27	31	41	72	42	41	45	22	25	16	30	20	11	18	18	8	554	

City of Santa Cruz			Mid-County			South County			San Lorenzo Valley																
Santa Cruz		95060	Capitola	95010	Freedom	95019	Scotts Valley	Mt.Hermon	95066	95067	95041														
		95061	Soquel	95073	Watsonville	95076	Felton		95018																
		95062	Aptos	95003	95001	Aromas	95004	Ben Lomond	95005																
		95064						Boulder Creek	95006																
		95065						Brookdale	95007																
								Los Gatos/Summit	95030																
47 % of total cases			20 % of total cases			15% of total cases			17% of total cases																

Adult AIDS Cases by Ethnicity/Race, Mode of Transmission and Gender Within Age Groups, Santa Cruz County, 1983 - 2004

The following tables provide another display of the 554 Adolescent/Adult AIDS cases ever diagnosed and counted in the local database. The table on top shows race/ethnicity cross-referenced with mode of transmission, which is further divided between males and females.

This table shows that of all female injection drug users and heterosexual contact, the majority are White. Women account for 30 of the 44 cases (70%) attributed to heterosexual contact.

In the second table, the display of age categories indicates that those who were older at the time of diagnosis with AIDS were more likely to be men who have sex with men. Seventy percent of those 40 years of age or older are men who have sex with men, while approximately 65% of those under 40 years of age are men who have sex with men.

Note: The following graph uses the abbreviations below.

- * Het = Heterosexual Contact
- * Adult Hemo = Adult Hemophiliac
- * Trans Recip = Transfusion or Transplant Recipient
- * NIR = No Identifiable Risk

**Adult AIDS Cases by Ethnicity/Race, Mode of Transmission and Gender,
Santa Cruz County,
1983 - 2004**

Ethnicity/Race	MSM		IDU		MSM/IDU		HET		Adult Hemo		Trans Recip		NIR		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
White	294	0	36	16	37	0	4	25	3	1	3	0	6	0	425
African American	10	0	6	0	3	0	3	0	0	0	0	0	0	0	22
Latina/o	63	0	7	2	3	0	6	3	0	0	0	1	6	0	91
Asian/Pacific Islander	5	0	0	0	1	0	0	0	0	0	0	0	1	0	7
American Indian/Alaska Native	1	0	2	0	2	0	1	1	0	0	0	0	0	0	7
Other/ Unkown	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Total	373	0	51	18	47	0	14	30	3	1	3	1	13	0	554

**Adult AIDS Cases by Age, Mode of Transmission and Gender, Santa Cruz County
1983- 2004**

Age Category	MSM		IDU		MSM/IDU		Het		Adult Hemo		Transf. Recip		NIR		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
13-19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
20-29	50	0	6	6	10	0	4	10	1	0	0	0	3	0	90
30-39	174	0	24	8	28	0	4	9	1	0	0	0	3	0	251
40-49	110	0	12	4	9	0	3	6	0	1	1	0	4	0	150
Over 49	39	0	9	0	0	0	3	5	0	0	2	1	3	0	62
Total	373	0	51	18	47	0	14	30	3	1	3	1	13	0	554

**Adult/Adolescent HIV Non-AIDS Cases by Year,
Mode of Transmission, Race/Ethnicity and Age.
Santa Cruz County, July 1, 2002 - 2004**

The Santa Cruz County Health Services Agency, in compliance with the State Department of Health Services, began data collection of HIV positive, non-AIDS cases as of July 1, 2002, and continues to update and maintain data through the HIV/AIDS Reporting Surveillance System. Surveillance reporting prior to July 1, 2002, consisted of AIDS cases only, determined by a low CD 4 or T-cell count and/or the presence of an HIV positive status in conjunction with one of the 26 AIDS-related opportunistic infections.

The data on the following page reflects the HIV positive non-AIDS cases from July 1, 2002 through December 31, 2004. The majority of the cases (135) are individuals who tested positive for HIV prior to July 1, 2002. Given data collection began July 1, 2002, there is no record of the year these individuals tested positive, therefore they are listed in the 2002 year column.

Six of the 152 individuals were newly diagnosed cases during 2004. Of the newly identified positives, all were White, 5 were MSM and one identified MSM/IDU as their mode of transmission.

Adult/Adolescent HIV Non-AIDS Cases by Year, Mode of Transmission, Race/Ethnicity, and Age Santa Cruz County, July 1, 2002 - December 31, 2004

Gender	2002	2003	2004	Total
Male	112	11	6	129
Female	23	0	0	23
Total	135	11	6	152

Mode of Transmission	2002		2003		2004		Total
	M	F	M	F	M	F	
Men Who Have Sex w/Men (MSM)	89	0	6	0	5	0	100
Injection Drug Users (IDU)	10	3	1	0	0	0	14
MSM/IDU	7	0	0	0	1	0	8
Heterosexual Exposure	3	15	1	0	0	0	19
Transfusion Recipient	0	2	2	0	0	0	4
Coagulation Disorder	1	0	0	0	0	0	1
Risk Not Reported/Other	2	3	1	0	0	0	6
Total	112	23	11	0	6	0	152

Race/Ethnicity	2002		2003		2004		Total
	M	F	M	F	M	F	
White	86	14	7	0	6	0	113
Latina/o	20	5	1	0	0	0	26
African American	5	2	0	0	0	0	7
Asian/Pacific Islander	1	1	1	0	0	0	3
American Indian/Alaska Native	0	0	1	0	0	0	1
Other/Unknown	0	1	1	0	0	0	2
Total	112	23	11	0	6	0	152

Age Category	2002		2003		2004		Total
	M	F	M	F	M	F	
13-19	2	1	0	0	0	0	3
20-29	12	6	2	0	1	0	21
30-39	31	8	4	0	4	0	47
40-49	41	4	5	0	1	0	51
Over 49	26	4	0	0	0	0	30
Total	112	23	11	0	6	0	152

**Adult/Adolescent HIV Non-AIDS Cases by
Ethnicity/Race, Transmission and Gender
and
Adult/Adolescent HIV Non-AIDS Cases
By Gender/Age and Transmission**

Santa Cruz County 2004

The tables on the following page provide an overview of HIV positive, non-AIDS cases in Santa Cruz County during the 12-month period, January 1, 2004 to December 31, 2004. The tables are based on ethnicity/transmission/gender and age/transmission/gender. There were 6 HIV, non-AIDS cases identified in Santa Cruz County during 2004. Five of those cases were among MSM. The remaining one was reported as an MSM/IDU.

All 6 of the cases reported were White males. There were no new HIV cases among Latinos. There were no new female cases.

The majority of newly identified HIV+ cases were in the 30-39 year age group. Four new cases were identified in this group. One new case was identified in the 20-29 year age group and there was one new case in the 40-49 year age group.

Given the delay in identifying cases and reporting them to the Health Services Agency, it is possible that more new cases identified in 2004 will be reported to HSA in 2005. These cases will appear in the 2005 annual report as new cases for 2004.

**Anonymous and Confidential HIV Testing Data,
Santa Cruz County Health Services Agency
1992 - 2004**

The Health Services Agency offers anonymous testing for HIV infection to persons who provide demographic information, but who are not identified by name. The number of tests per year varies. In 2004, there were 1,970 such tests. A person can be tested more than once; therefore the 1,970 on the following page represents tests rather than individuals.

The individuals represented by the 109 positive tests from 1992 onward may have already been counted as AIDS or HIV-non AIDS case in the preceding pages of the report (i.e., through duplication).

The positive HIV testing data parallels the AIDS data in that MSM comprise the most infections (53%) followed by IDU (13%) and MSM/IDU (11%).

Males account for 91% of the positive tests. Whites account for 65% of positive tests and Latinos account for 22% of positive tests.

**ANONYMOUS AND CONFIDENTIAL HIV TESTING DATA,
SANTA CRUZ COUNTY HEALTH SERVICES AGENCY
1992 - 2004**

YEAR	1992		1993		1994		1995		1996		1997		1998		1999		2000		2001		2002		2003		2004		TOTAL								
Number Tested	2,537		1,804		3,485		2,109		2,359		2,227		2,001		1,498		1,299		1,291		1,201		1,025		1,970		24,806								
Number Positive	11		12		23		6		4		7		9		8		8		5		6		1		9		109								
Percent Positive	0.43%		0.67%		0.66%		0.28%		0.17%		0.31%		0.45%		0.53%		0.62%		0.39%		0.50%		0.10%		0.46%		0.44%								
YEAR	1992		1993		1994		1995		1996		1997		1998		1999		2000			2001			2002			2003			2004			TOTAL			% of Pos.
RISK	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
MSM	6		7		11		5		2		5		3		4		4		3		3					6			59			54%			
IDU	1		3		3				1		1		1		1		1												12	1		12%			
MSM/IDU	2						1		1		1		3				1		2							2			11	2		12%			
Prt. HIV+/At Risk		1	1		1	2								1								1							3	4		6%			
Transfusion					2																		1						3			3%			
Multiple Sx Prt.					1								1																2			2%			
Prt. w/Mult. Sx Prt.	1				2																								3			3%			
Hetero. Contact														1				1	1						1				3	1		4%			
Risk Info. Missing					2											1					2								4	1		5%			
TOTAL	10	1	11	1	23		6		4		7		8	1	6	2	6	2	4	1	5	1	1		9			100	7	2	101%*				
YEAR	1992		1993		1994		1995		1996		1997		1998		1999		2000			2001			2002			2003			2004			TOTAL			% of Pos.
RACE	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
White	10	1	9		14		3		4		3		5		4	2	4		1	1	2		1			7			66	5	1	66%			
Latina/o			2		4		2				3		2		1		2		1	2		3				1			22		1	21%			
African American					2								1	1	1														4	1		5%			
Asian Pacific Is.					1						1													1					2	1		3%			
Native American					1		1											1											3			3%			
Other					2																					1			3			3%			
TOTAL	10	1	11	1	23		6		4		7		8	1	6	2	6	2	4	1	5	1	1		9	0		100	7	2	101%*				

* Total may not equal 100% due to rounding and/or multiple risk factors.

KEY:

- M=Male, F=Female, T=Transgender
- Prt.=Partner
- Sx=Sex
- Hetero=Heterosexual
- Asian Pacific Is.=Asian Pacific Islander

Estimate of Local HIV Morbidity

There are, by estimate of the Centers for Disease Control and Prevention, approximately 40,000 new HIV infections per year in the US. Given that Santa Cruz County has approximately 0.08% of the national population, it can be estimated that 32 (40,000x0.0008) new infections occur annually in Santa Cruz County. Santa Cruz County tends to have a slightly lower rate of AIDS diagnoses than the national rate, so this methodology may result in an overestimate and the actual number may be closer to 25 new infections annually.

HIV became reportable by a non-name code to the California Department of Health Services as of July 2002. As of December 31, 2004, 152 HIV non-AIDS cases in Santa Cruz County have been reported to the California Department of Health Services.

Various methods have been developed to estimate the number of sero-positives locally. Seropositives include not only those who have HIV/AIDS and know it, but also persons who are infected and do not know their status. The total number of persons with HIV in Santa Cruz County, including those who do not know their serostatus, is the sum of (a) persons living with AIDS, who number 236, including pediatric cases, and (b) those with HIV but not AIDS(152), and (c) those infected with HIV who are unaware of their status.