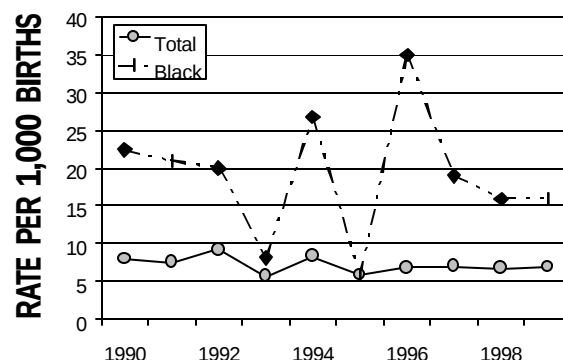


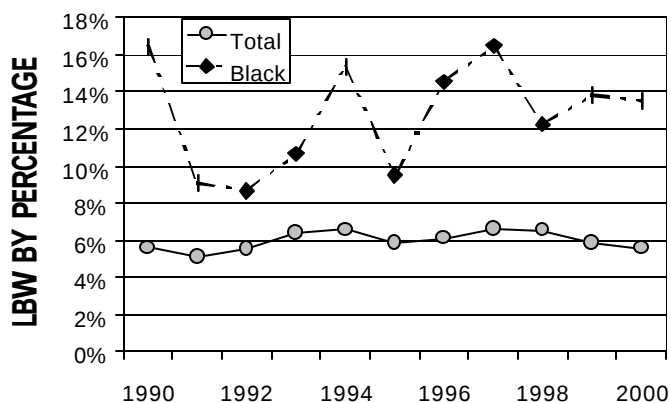
Black Infant Health

African Americans in Stanislaus County have the highest low birth weight percentages when compared to any other race or ethnicity. The infant death rate is linked quite closely with the low birth weight percentage. African Americans, while making up a small proportion (2.6%) of the total population in Stanislaus County, have the highest infant mortality rate at 16 deaths per 1,000 live births in 1998 and 1999. This is more than double the overall national target of 7 deaths per 1,000 live births by the year 2000. [Note: low birth weight in African-American newborns is a national finding.]

INFANT MORTALITY RATE BY RACE/ETHNICITY, STANISLAUS CO, 1990-1999



LOW BIRTH WEIGHT % BY RACE/ETHNICITY, STANISLAUS CO, 1990-2000



Recommendations to Policy Makers

The spectrum of prevention covers everyone in the community:

Individuals
Providers
Community/Media
Coalitions/Networks
Organizations/Institutions
Policy Makers

As the Agency continues to build community capacity and influence organizations to implement prevention strategies and initiatives, the following recommendations are being made to policy makers:

1) Data Collection and Analysis

County-wide, comprehensive methods should be developed to gather and store data, and analyze and monitor epidemiological trends of health status.

2) Commitment to Long Term Strategies

These identified critical health issues cannot be addressed by quick fixes. There needs to be commitment to resources and funding for community wide, asset based long term prevention strategies.

3) Program Development

- Continue immunization efforts within the county
- Provide community based chronic disease prevention activities
- Implement injury prevention strategies
- Strengthen senior services
- Develop neighborhood specific data systems
- Continue partnership and outreach with neighborhood collaboratives

GLOSSARY

Age-adjusted Rate

A summary statistic of age-specific rates that takes into account the differences in the age distribution of the populations which are being compared (usually expressed in units of 100,000 persons); all age-adjusted rates in this Public Health Data Set are based on the 2000 estimated U.S. standard population distribution.

Birth Rate

Number of live births reported during a period divided by the population of the area at the midpoint of the period, multiplied by 1,000.

Crude Rate

Number of events per estimated total population (usually expressed in units of 1,000 or 100,000 persons).

Death Rate

Total number of deaths in a population during a specified time period (usually one year) per estimated number of persons in the population at risk (usually expressed in units of 100,000 persons). The crude death rate is the actual risk of dying. When comparing death rates between groups, they need to be age-adjusted rates.

Early Prenatal Care

Prenatal care, which begins in the first trimester of pregnancy.

Incidence

The number of new cases, of a disease, occurring in a population at risk.

Infant Mortality Rate

Number of deaths of infants (under one year of age) per 1,000 live births during the same time period (usually one year).

Low Birthweight Birth

Live birth weighing less than 2,500 grams or 5.5 pounds.

Prenatal

Occurring before birth.

Communicable Diseases

CALIFORNIA				STANISLAUS			CALIFORNIA				STANISLAUS			
	Cases	Pop	Rate	Cases	Pop	Rate		Cases	Pop	Rate	Cases	Pop	Rate	
AIDS							Hepatitis B							
1990	9,084	29,942,397	30.34	40	375,089	10.66	1991	2,615	30,563,276	8.56	110	387,686		
28.37	1991	11,152	30,563,276	36.49	45	387,686	11.61	1992	2,857	31,186,559	9.16	190	397,218	
47.83	1992	12,451	31,186,559	39.92	60	397,218	15.11	1993	1,867	31,515,753	5.92	125	404,867	
30.87	1993	11,950	31,515,753	37.92	77	404,867	19.02	1994	2,038	31,790,557	6.41	141	409,155	
34.46	1994	10,413	31,790,557	32.76	41	409,155	10.02	1995	1,729	32,062,912	5.39	95	413,806	
22.96	1995	9,549	32,062,912	29.78	39	413,806	9.42	1996	1,710	32,383,811	5.28	95	418,455	
22.70	1996	7,473	32,383,811	23.08	46	418,455	10.99	1997	1,658	32,956,588	5.03	92	425,316	
21.63	1997	5,840	32,956,588	17.72	27	425,316	6.35	1998	1,445	33,506,406	4.31	72	434,835	
16.56	1998	4,862	33,506,406	14.51	36	434,835	8.28	1999	1,241	34,072,478	3.64	82	446,056	
18.38	1999	4,265	34,072,478	12.52	24	446,056	5.38	2000*	1,033	34,653,395	2.98	75	459,025	
16.34	2000*	3,023	34,653,395	8.72	15	459,025	3.27							
Syphilis							Hepatitis A							
1990	4,567	29,942,397	15.25		375,089	0.00	1991	5,016	30,563,276	16.41	113	387,686		
29.15	1991	2,703	30,563,276	8.84	15	387,686	3.87	1992	5,000	31,186,559	16.03	256	397,218	
64.45	1992	1,523	31,186,559	4.88	4	397,218	1.01	1993	5,651	31,515,753	17.93	470	404,867	
116.09	1993	1,019	31,515,753	3.23	3	404,867	0.74	1994	6,641	31,790,557	20.89	149	409,155	
36.42	1994	775	31,790,557	2.44	2	409,155	0.49	1995	6,773	32,062,912	21.12	119	413,806	
28.76	1995	591	32,062,912	1.84	3	413,806	0.72	1996	6,661	32,383,811	20.57	75	418,455	
17.92	1996	521	32,383,811	1.61	3	418,455	0.72	1997	6,422	32,956,588	19.49	52	425,316	
12.23	1997	385	32,956,588	1.17	5	425,316	1.18	1998	4,178	33,506,406	12.47	35	434,835	8.05
	1998	324	33,506,406	0.97	9	434,835	2.07	1999	3,447	34,072,478	10.12	57	446,056	
12.78	1999	283	34,072,478	0.83	1	446,056	0.22	2000*	2,934	34,653,395	8.47	105	459,025	
22.87	2000*		34,653,395		1	459,025	0.22							
Gonorrhea							Tuberculosis							
1990	54,306	29,942,397	181.37		375,089	0.00	1990	4,889	29,942,397	16.33	44	375,089		
11.73	1991	43,719	30,563,276	143.04	396	387,686	102.14	1991	5,273	30,563,276	17.25	31	387,686	8.00
18														

Health Services Agency

Natality

CALIFORNIA				STANISLAUS			CALIFORNIA				STANISLAUS		
Year	Cases	Total	Rate	Cases	Total	Rate	Year	Cases	Total	%	Cases	Total	%
		Births			Births				Births			Births	
Teen Birth Rate							Prenatal Care Starting in 1st Trimester						
1989	22,225	561,714	39.57	313	7,321	42.75	1989	410,267	569,308	72.1%	5,186	7,121	72.8%
1990	24,828	561,743	44.20	403	7,788	51.75	1990	438,407	611,666	71.7%	5,738	7,913	72.5%
1991	25,914	557,492	46.48	394	8,019	49.13	1991	439,733	609,228	72.2%	5,691	7,654	74.4%
1992	25,967	569,137	45.63	410	8,390	48.87	1992	447,434	600,838	74.5%	5,920	7,560	78.3%
1993	26,301	573,941	45.83	425	8,735	48.65	1993	445,079	584,483	76.1%	5,912	7,464	79.2%
1994	26,378	583,290	45.22	427	9,082	47.02	1994	437,094	567,034	77.1%	5,862	7,412	79.1%
1995	25,821	602,236	42.88	443	9,607	46.11	1995	431,572	551,226	78.3%	5,732	7,284	78.7%
1996	24,047	627,740	38.31	396	10,201	38.82	1996	428,724	538,628	79.6%	5,729	7,166	79.9%
1997	23,064	646,663	35.67	421	10,474	40.19	1997	423,640	524,174	80.8%	5,470	6,790	80.6%
1998	21,630	663,642	32.59	383	10,660	35.93	1998	422,866	521,265	81.1%	5,557	6,927	80.2%
1999	20,209	671,509	30.09	346	10,673	32.42	1999	426,020	518,073	82.2%	5,739	7,115	80.7%
2000				340	10,993	30.93	2000				5,957	7,238	82.3%
Infant Mortality							Low Birth Weight						
1989	4,853	569,308	8.52	57	7,121	8.00	1989	34,737	569,308	6.1%	409	7,121	5.7%
1990	4,828	611,666	7.89	64	7,913	8.09	1990	35,474	611,666	5.8%	443	7,913	5.6%
1991	4,596	609,228	7.54	58	7,654	7.58	1991	35,359	609,228	5.8%	392	7,654	5.1%
1992	4,174	600,838	6.95	70	7,560	9.26	1992	35,608	600,838	5.9%	419	7,560	5.5%
1993	3,970	584,483	6.79	43	7,464	5.76	1993	35,116	584,483	6.0%	477	7,464	6.4%
1994	3,948	567,034	6.96	62	7,412	8.36	1994	34,876	567,034	6.2%	487	7,412	6.6%
1995	3,478	551,226	6.31	43	7,284	5.90	1995	33,588	551,226	6.1%	427	7,284	5.9%
1996	3,186	538,628	5.92	49	7,166	6.84	1996	32,649	538,628	6.1%	439	7,166	6.1%
1997	3,091	524,174	5.90	48	6,790	7.07	1997	32,232	524,174	6.1%	450	6,790	6.6%
1998	2,994	521,265	5.74	47	6,927	6.79	1998	32,438	521,265	6.2%	454	6,927	6.6%
1999	2,787	518,073	5.38	50	7,115	7.03	1999	31,686	518,073	6.1%	417	7,115	5.9%
							2000				404	7,238	5.6%

Teen Birth Rate is number of births to 15-17 year olds per 1,000 15-17 year old females

Infant Mortality Rate is number of infant deaths per 1,000 live births

Deaths

Unintentional			Age				Age	Lung Cancer			Age				Age
Deaths	Population	Rate	Adj.	Deaths	Population	Rate	Adj.	Deaths	Population	Rate	Deaths	Population	Rate	Adj.	Adj.
1989	10,744	29,142,106	37.83	193	354,186	58.36	1989	13,127	29,142,106	55.38	171	354,186	58.93		
1990	10,120	29,942,397	34.81	171	375,089	49.63	1990	13,275	29,942,397	54.16	194	375,089	63.48		
1991	9,382	30,563,276	31.88	167	387,686	46.60	1991	13,469	30,563,276	53.69	184	387,686	56.93		
1992	9,216	31,186,559	30.82	152	397,218	40.05	1992	13,364	31,186,559	51.91	224	397,218	67.09		
1993	9,503	31,515,753	31.44	173	404,867	45.44	1993	13,650	31,515,753	52.30	206	404,867	61.47		
1994	9,209	31,790,557	30.39	178	409,155	46.76	1994	13,682	31,790,557	51.74	207	409,155	60.73		
1995	9,346	32,062,912	30.59	186	413,806	48.38	1995	13,666	32,062,912	50.88	193	413,806	55.84		
1996	9,193	32,383,811	29.92	187	418,455	48.29	1996	13,579	32,383,811	49.52	211	418,455	59.90		
1997	8,736	32,956,588	28.06	146	425,316	36.95	1997	13,754	32,956,588	49.11	197	425,316	55.16		
1998	8,578	33,506,406	27.08	161	434,835	39.73	1998	13,498	33,506,406	47.04	200	434,835	54.53		
1999*	8,917	34,072,478	27.50	172	446,056	41.38	1999*	13,737	34,072,478	46.85	236	446,056	62.44		

* Started using ICD-10 in 1999. Some changes between 1998 and 1999 could be due to coding changes alone and not due to any underlying health issues in the population in general.
Rates are deaths per 100,000 population

Deaths (continued)

Motor Vehicle			Age Adj.	Deaths	Population	Rate	Breast Cancer			Age Adj.	Deaths	Population	Rate	Age Adj.
	Deaths	Population	Rate	Deaths	Population	Rate		Deaths	Population	Rate	Deaths	Population	Rate	
1989	5,600	29,142,106	18.76	98	354,186	27.67	1989	4,258	14,568,118	32.64	45	180,189	28.34	
1990	5,366	29,942,397	17.61	86	375,089	23.38	1990	4,292	14,952,881	31.72	41	190,707	23.89	
1991	4,886	30,563,276	15.86	97	387,686	25.36	1991	4,295	15,262,093	31.00	41	197,041	24.31	
1992	4,296	31,186,559	13.87	74	397,218	18.99	1992	4,116	15,570,183	29.00	47	201,779	26.19	
1993	4,277	31,515,753	13.78	71	404,867	18.33	1993	4,310	15,733,587	29.72	54	205,505	29.91	
1994	4,354	31,790,557	14.03	74	409,155	19.15	1994	4,404	15,869,548	29.88	59	207,584	31.48	
1995	4,306	32,062,912	13.80	85	413,806	20.96	1995	4,241	16,000,360	28.22	44	209,920	23.03	
1996	4,132	32,383,811	13.21	91	418,455	23.07	1996	4,295	16,155,887	27.99	63	212,255	32.58	
1997	3,651	32,956,588	11.55	83	425,316	20.55	1997	4,090	16,430,397	26.08	56	215,641	28.31	
1998	3,560	33,506,406	11.03	66	434,835	15.76	1998	4,095	16,696,243	25.47	40	220,415	19.33	
1999*	3,134	34,072,478	9.51	63	446,056	14.87	1999*	4,065	16,972,666	24.61	58	226,081	27.27	
Suicide							Coronary Heart Disease							
1989	3,830	29,142,106	13.87	50	354,186	15.30	1989	59,772	29,142,106	278.86	718	354,186	265.90	
1990	3,733	29,942,397	13.16	35	375,089	10.22	1990	58,182	29,942,397	261.02	595	375,089	205.05	
1991	3,759	30,563,276	13.07	36	387,686	9.59	1991	57,474	30,563,276	250.39	709	387,686	237.45	
1992	3,696	31,186,559	12.66	49	397,218	13.53	1992	56,845	31,186,559	239.96	707	397,218	227.76	
1993	3,813	31,515,753	12.82	44	404,867	11.75	1993	58,433	31,515,753	241.83	773	404,867	241.31	
1994	3,682	31,790,557	12.23	47	409,155	12.42	1994	58,775	31,790,557	238.29	716	409,155	219.84	
1995	3,820	32,062,912	12.57	54	413,806	13.96	1995	58,225	32,062,912	230.45	850	413,806	255.04	
1996	3,401	32,383,811	11.04	44	418,455	11.54	1996	57,597	32,383,811	220.93	804	418,455	235.91	
1997	3,422	32,956,588	10.94	45	425,316	11.44	1997	57,729	32,956,588	214.23	865	425,316	247.46	
1998	3,212	33,506,406	10.09	42	434,835	10.39	1998	58,194	33,506,406	209.01	957	434,835	263.25	
1999*	3,025	34,072,478	9.32	36	446,056	8.65	1999*	58,471	34,072,478	203.99	862	446,056	228.81	
Homicide							Stroke							
1989	3,245	29,142,106	10.16	21	354,186	5.68	1989	15,722	29,142,106	74.85	205	354,186	77.30	
1990	3,683	29,942,397	11.26	26	375,089	7.23	1990	15,459	29,942,397	70.58	208	375,089	73.12	
1991	4,038	30,563,276	12.32	25	387,686	6.66	1991	15,347	30,563,276	67.76	194	387,686	65.59	
1992	4,077	31,186,559	12.39	34	397,218	8.79	1992	15,110	31,186,559	64.61	173	397,218	56.23	
1993	4,196	31,515,753	12.72	24	404,867	5.94	1993	15,195	31,515,753	63.39	196	404,867	61.29	
1994	3,809	31,790,557	11.52	32	409,155	7.90	1994	15,703	31,790,557	64.33	211	409,155	65.07	
1995	3,611	32,062,912	10.99	36	413,806	8.70	1995	16,176	32,062,912	64.37	208	413,806	63.39	
1996	2,998	32,383,811	9.13	33	418,455	8.11	1996	16,480	32,383,811	63.53	236	418,455	69.78	
1997	2,769	32,956,588	8.35	40	425,316	9.57	1997	16,649	32,956,588	61.95	222	425,316	63.48	
1998	2,256	33,506,406	6.74	25	434,835	5.74	1998	16,385	33,506,406	58.96	241	434,835	66.36	
1999*	2,033	34,072,478	5.99	24	446,056	5.38	1999*	18,079	34,072,478	63.25	255	446,056	67.39	
All Cancer							AIDS							
1989	48,107	29,142,106	206.18	614	354,186	214.08	1989	4,363	29,142,106	15.39	17	354,186	5.40	
1990	48,890	29,942,397	202.10	579	375,089	188.89	1990	5,033	29,942,397	17.12	16	375,089	4.29	
1991	49,996	30,563,276	201.42	619	387,686	194.47	1991	5,530	30,563,276	18.46	25	387,686	7.03	
1992	49,900	31,186,559	196.10	673	397,218	205.14	1992	5,986	31,186,559	19.37	28	397,218	7.24	
1993	50,750	31,515,753	196.13	656	404,867	196.82	1993	6,285	31,515,753	19.97	28	404,867	6.92	
1994	51,245	31,790,557	195.00	708	409,155	208.99	1994	6,737	31,790,557	21.18	36	409,155	9.38	
1995	51,216	32,062,912	191.39	668	413,806	194.48	1995	6,449	32,062,912	20.08	37	413,806	9.30	
1996	50,904	32,383,811	185.95	693	418,455	197.07	1996	4,207	32,383,811	12.93	36	418,455	8.89	
1997	51,818	32,956,588	184.83	729	425,316	203.98	1997	1,857	32,956,588	5.62	10	425,316	2.53	
1998	51,186	33,506,406	177.81	669	434,835	181.43	1998	1,432	33,506,406	4.28	7	434,835	1.67	
1999*	53,976	34,072,478	183.31	792	446,056	207.89	1999*	1,558	34,072,478	4.60	7	446,056	1.69	

* Started using ICD-10 in 1999. Some changes between 1998 and 1999 could be due to coding changes alone and not due to any underlying health issues in the population in general.

Rates are deaths per 100,000 population

DATA SOURCES

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California, Department of Health Services, Office of AIDS
California, Department of Health Services, Immunization Branch