

# AIDS AMONG RACIAL/ETHNIC GROUPS IN CALIFORNIA 1998 EDITION

Prepared by

Matthew Facer, MS

Marie Jungkeit

Fred Molitor, PhD

California Department of Health Services  
Office of AIDS (<http://www.dhs.ca.gov/aids>)  
Epidemiologic Studies Section  
P.O. Box 942732  
Sacramento, CA 94234-7320

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## 1998 EDITION

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# Chapter 1

## AIDS among all Californians

As of November 30, 1998, 106,642 cases of AIDS diagnosed before January 1, 1998 had been reported to the Department of Health Services, Office of AIDS (OA); of these, 68,052 were known dead (**Table 1-1**). Males whose exposure to HIV infection was reported as gay/bisexual contact (G/B contact) accounted for 71.6% of the cumulative cases. The other exposures represented in cumulative AIDS cases were 9.8% injection drug use (IDU), 8.8% G/B contact and IDU, 4.0% heterosexual, 3.3% no risk identified, 2.0% coagulation disorder or blood transfusion (CD/BT), and 0.5% pediatric cases (12 years of age or younger at AIDS diagnosis).

Of the 99,332 cumulative AIDS cases among males in California, almost 77% were reported with G/B contact as the mode of HIV exposure (**Table 1-2**). This was followed by 9.4% reported as G/B contact and IDU, 7.8% IDU, and 1.3% heterosexual. For the 7,310 cumulative female AIDS cases in California, almost 38% were reported with IDU as the exposure and over 41% as heterosexual contact (**Table 1-3**).

Time trends for AIDS cases among males in California show very gradual shifts with respect to mode of HIV exposure (**Figure 1-1**). While G/B contact continues to be the most prominent exposure reported, its percentage among new annual cases has decreased every year since 1985, when it accounted for 83.1% of the new male AIDS cases. By 1997, the percentage was down to 67.2%. During this same time period, IDU exposure increased steadily, from 2.1% in 1985 to 11.7% in 1997, a more than five-fold increase

in percentage. The percentage of new annual cases coming from other modes of HIV exposure showed little change.

Time trends for AIDS cases among females in California show a definitive change with respect to exposure categories (**Figure 1-2**). With the exception of 1984, pediatric cases have been the smallest proportion of reported cases among females; this proportion has generally been declining since that time. CD/BT started as the most reported exposure among females, but by 1988 it had only the third highest percentage of annual female AIDS cases and has steadily decreased since then. For both 1996 and 1997, the *combined* percentage of pediatric and CD/BT AIDS cases among females was less than 5% of all female cases. In contrast, until 1988, IDU and heterosexual cases among female AIDS cases were at a similar or lower percentage than CD/BT cases. After that time, IDU and heterosexual cases have generally increased and clearly are the two most prominent exposure categories for females. From 1988 through 1992, IDU cases were the most prominent; since 1993 the highest percentage of female AIDS cases were associated with heterosexual contact.

The annual number of new male AIDS cases in California peaked in 1992 and has declined every year since then (**Figure 1-3**). For females, the number climbed steadily until 1992, then decreased (see Table 1-3). The percent of females among new annual AIDS cases has risen every year since 1983. It was 1.6% in 1983, doubled to 3.4% in 1987, and doubled again to 7% in 1992. In 1997, it was 12.2% (about 1 in 8).

**TABLE 1-1**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG ALL CALIFORNIANS**  
**BY YEAR OF DIAGNOSIS AND MODE OF EXPOSURE**

YEAR	TOTAL		MSM/BI-SEXUAL		INJECTION DRUG USE		MSM/BI-SEXUAL IDU		COAGULATION DISORDER/TRANS.		HETERO-SEXUAL		OTHER		NO IDENTIFIED RISK		PEDIATRIC	
	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	13	12	7	7	1	1	2	2	1	1	0	0	0	0	0	0	2	1
1981	59	56	47	46	1	1	8	8	0	0	1	0	0	0	2	1	0	0
1982	234	223	195	188	6	5	23	21	4	4	0	0	0	0	3	2	3	3
1983	708	680	569	547	11	9	100	97	14	14	3	3	0	0	6	5	5	5
1984	1,410	1,359	1,111	1,078	30	26	202	195	33	31	7	7	0	0	18	14	9	8
1985	2,583	2,491	2,091	2,033	70	60	259	245	89	89	16	15	0	0	37	33	21	16
1986	4,069	3,910	3,282	3,173	128	112	399	375	141	137	49	46	0	0	48	45	22	22
1987	5,667	5,375	4,497	4,299	231	202	548	510	175	168	92	84	0	0	87	80	37	32
1988	6,720	6,235	5,224	4,868	411	368	632	578	199	193	117	109	0	0	95	88	42	31
1989	8,158	7,304	6,299	5,690	569	480	697	604	203	186	161	141	0	0	175	162	54	41
1990	9,024	7,718	6,837	5,887	729	604	770	630	186	173	228	195	0	0	230	197	44	32
1991	11,244	8,986	8,224	6,646	1,047	808	1,035	806	232	192	342	260	1	1	302	231	61	42
1992	12,685	8,831	8,985	6,339	1,466	991	1,129	754	202	144	511	331	1	0	332	231	59	41
1993	11,922	6,716	8,185	4,606	1,451	815	1,069	598	192	110	585	320	1	1	381	231	58	35
1994	10,313	4,155	6,944	2,725	1,330	595	865	325	159	77	574	200	1	1	386	199	54	33
1995	9,334	2,297	6,146	1,399	1,211	354	751	185	128	39	619	162	0	0	428	147	51	11
1996	7,197	1,127	4,578	651	1,017	200	543	86	87	19	500	55	0	0	449	113	23	3
1997	5,302	577	3,130	307	773	96	327	32	66	4	443	42	2	0	542	93	19	3
Total Cases and Deaths	106,642	68,052	76,351	50,489	10,482	5,727	9,359	6,051	2,111	1,581	4,248	1,970	6	3	3,521	1,872	564	359
Percent of Total Cases and Deaths	100.0%	100.0%	71.6%	74.2%	9.8%	8.4%	8.8%	8.9%	2.0%	2.3%	4.0%	2.9%	0.0%	0.0%	3.3%	2.8%	0.5%	0.5%

Note: Percents may not add to 100% due to rounding.

MSM = Men who have sex with men, IDU = Injecting drug use, NIR = No identified risk, TRANS. = Transfusion.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Data closure as of: November 30, 1998

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**TABLE 1-2**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG ALL CALIFORNIA MALES**  
**BY YEAR OF DIAGNOSIS AND MODE OF EXPOSURE**

YEAR	TOTAL		MSM/BI-SEXUAL		INJECTION DRUG USE		MSM/BI-SEXUAL IDU		COAGULATION DISORDER/TRANS.		HETERO-SEXUAL		OTHER		NO IDENTIFIED RISK		PEDIATRIC	
	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	10	10	7	7	1	1	2	2	0	0	0	0	0	0	0	0	0	0
1981	58	56	47	46	1	1	8	8	0	0	0	0	0	0	2	1	0	0
1982	230	220	195	188	6	5	23	21	2	2	0	0	0	0	2	2	2	2
1983	697	669	569	547	9	7	100	97	10	10	1	1	0	0	4	3	4	4
1984	1,386	1,337	1,111	1,078	26	23	202	195	24	22	3	3	0	0	16	12	4	4
1985	2,517	2,431	2,091	2,033	54	46	259	245	62	62	4	4	0	0	34	30	13	11
1986	3,952	3,801	3,282	3,173	99	89	399	375	107	104	13	11	0	0	41	38	11	11
1987	5,476	5,203	4,497	4,299	182	162	548	510	118	113	31	28	0	0	77	71	23	20
1988	6,445	5,985	5,224	4,868	312	281	632	578	134	130	36	34	0	0	82	76	25	18
1989	7,800	7,007	6,299	5,690	434	372	697	604	127	118	54	49	0	0	163	153	26	21
1990	8,563	7,326	6,837	5,887	536	447	770	630	123	114	75	65	0	0	194	163	28	20
1991	10,596	8,499	8,224	6,646	798	626	1,035	806	158	135	97	70	0	0	254	197	30	19
1992	11,793	8,267	8,985	6,339	1,062	738	1,129	754	153	112	147	103	1	0	280	198	36	23
1993	10,935	6,185	8,185	4,606	1,074	613	1,069	598	117	74	152	90	0	0	311	188	27	16
1994	9,386	3,791	6,944	2,725	968	448	865	325	103	53	164	64	0	0	320	166	22	10
1995	8,396	2,058	6,146	1,399	882	273	751	185	88	26	166	53	0	0	341	118	22	4
1996	6,435	1,017	4,578	651	739	149	543	86	60	15	139	21	0	0	364	92	12	3
1997	4,657	510	3,130	307	546	70	327	32	51	4	161	19	0	0	430	76	12	2
Total Cases and Deaths	99,332	64,372	76,351	50,489	7,729	4,351	9,359	6,051	1,437	1,094	1,243	615	1	0	2,915	1,584	297	188
Percent of Total Cases and Deaths	100.0%	100.0%	76.9%	78.4%	7.8%	6.8%	9.4%	9.4%	1.4%	1.7%	1.3%	1.0%	0.0%	0.0%	2.9%	2.5%	0.3%	0.3%

Note: Percents may not add to 100% due to rounding.

MSM = Men who have sex with men, IDU = Injecting drug use, NIR = No identified risk, TRANS. = Transfusion.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Data closure as of: November 30, 1998

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**TABLE 1-3**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG ALL CALIFORNIA FEMALES**  
**BY YEAR OF DIAGNOSIS AND EXPOSURE CATEGORY**

YEAR OF DIAGNOSIS	TOTAL		INJECTION		COAGULATION		HETERO-		OTHER.		NO IDENTIFIED		PEDIATRIC	
	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	3	2	0	0	1	1	0	0	0	0	0	0	2	1
1981	1	0	0	0	0	0	1	0	0	0	0	0	0	0
1982	4	3	0	0	2	2	0	0	0	0	1	0	1	1
1983	11	11	2	2	4	4	2	2	0	0	2	2	1	1
1984	24	22	4	3	9	9	4	4	0	0	2	2	5	4
1985	66	60	16	14	27	27	12	11	0	0	3	3	8	5
1986	117	109	29	23	34	33	36	35	0	0	7	7	11	11
1987	191	172	49	40	57	55	61	56	0	0	10	9	14	12
1988	275	250	99	87	65	63	81	75	0	0	13	12	17	13
1989	358	297	135	108	76	68	107	92	0	0	12	9	28	20
1990	461	392	193	157	63	59	153	130	0	0	36	34	16	12
1991	648	487	249	182	74	57	245	190	1	1	48	34	31	23
1992	892	564	404	253	49	32	364	228	0	0	52	33	23	18
1993	987	531	377	202	75	36	433	230	1	1	70	43	31	19
1994	927	364	362	147	56	24	410	136	1	1	66	33	32	23
1995	938	239	329	81	40	13	453	109	0	0	87	29	29	7
1996	762	110	278	51	27	4	361	34	0	0	85	21	11	0
1997	645	67	227	26	15	0	282	23	2	0	112	17	7	1
Total Cases and Deaths	7,310	3,680	2,753	1,376	674	487	3,005	1,355	5	3	606	288	267	171
Percent of Total Cases and Deaths	100.0%	100.0%	37.7%	37.4%	9.2%	13.2%	41.1%	36.8%	0.1%	0.1%	8.3%	7.8%	3.7%	4.6%

Note: Percents may not add to 100% due to rounding.

IDU = Injection Drug Use      TRANS. = Transfusion.

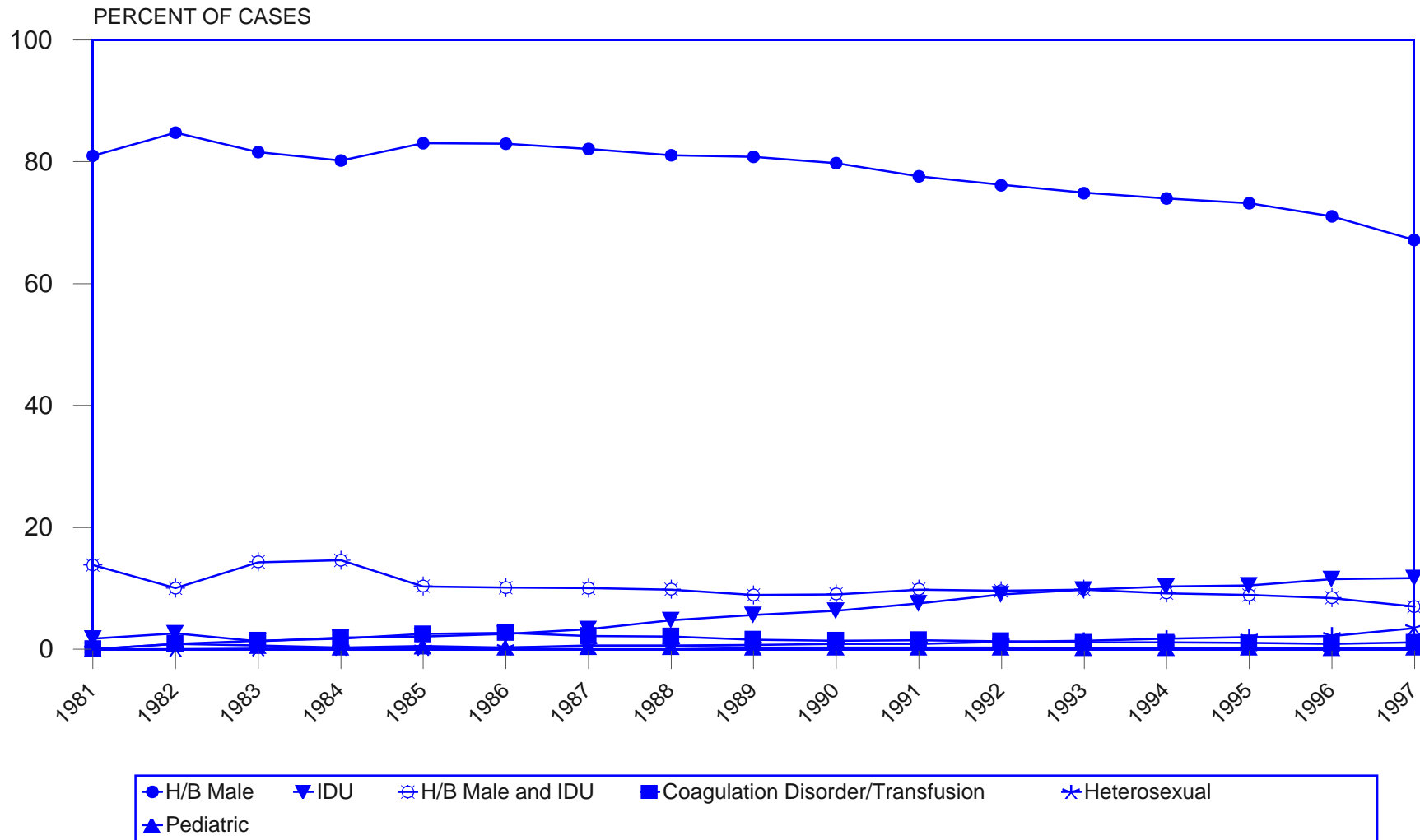
Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through : November 30, 1998

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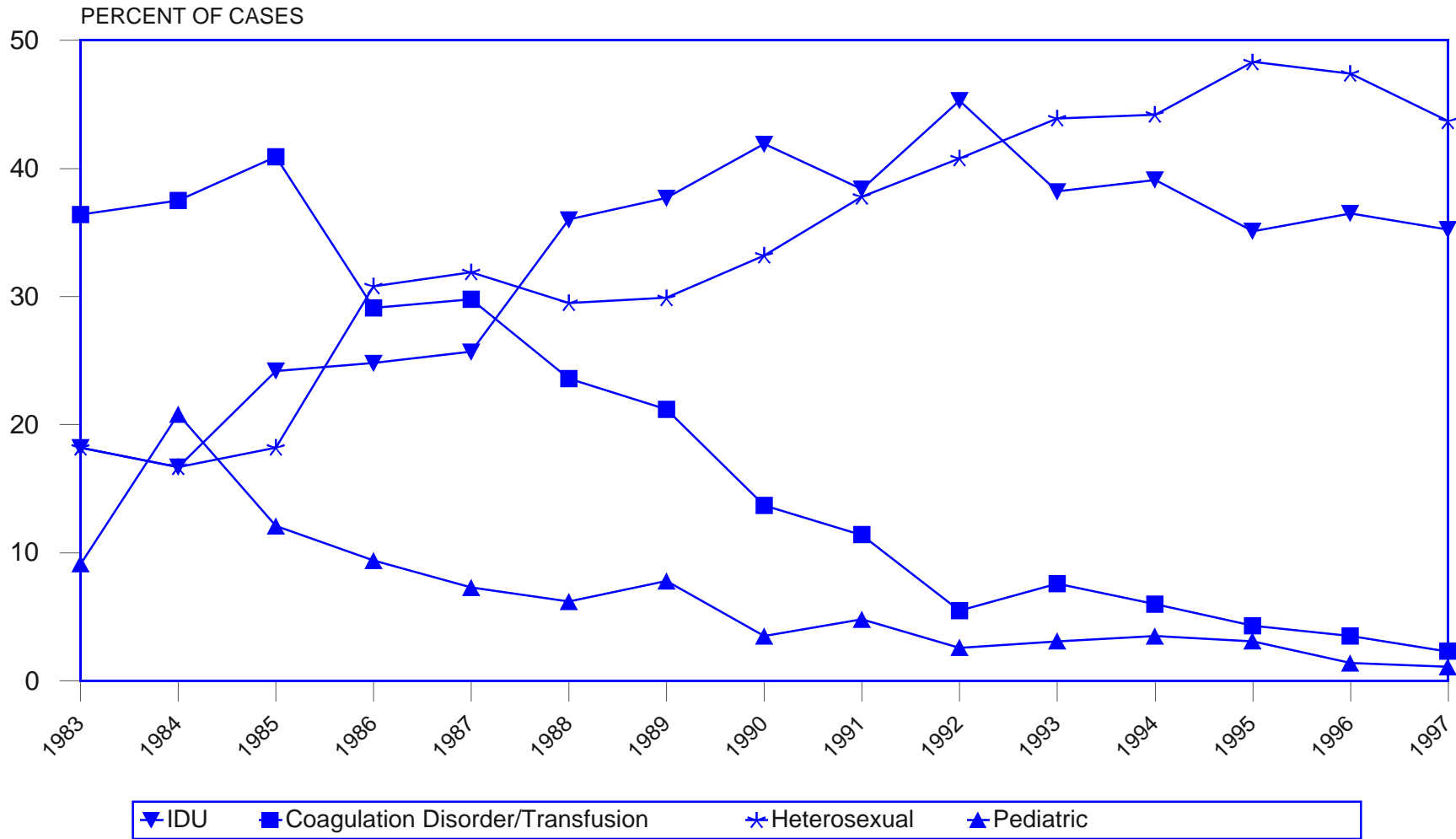


Figure 1-1  
 Percent of AIDS Cases Among California Males  
 by Exposure Category and Year of Diagnosis



\* Figures reflect cases diagnosed through December, 1997, as of November 30, 1998.  
 Note: Total cases = 99,332.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

Figure 1-2  
 Percent of AIDS Cases Among California Females  
 by Exposure Category and Year of Diagnosis



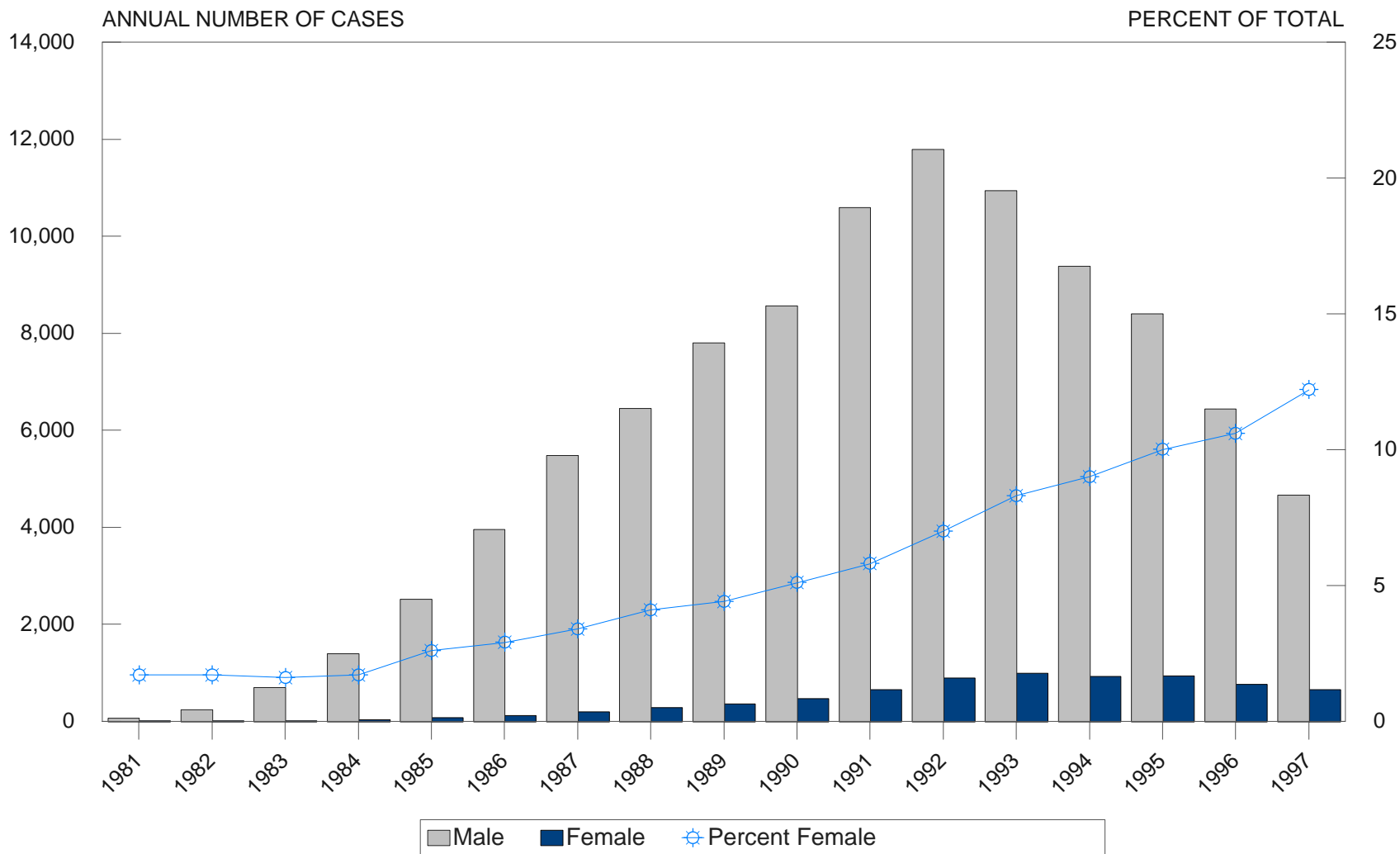
\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Note: Total cases = 7,310.

Source: California Department of Health Services, Office of AIDS, November 1998.

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**Figure 1-3**  
**Annual Number of AIDS Cases Among All Californians**  
**by Gender and Year of Diagnosis**



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Note: Total cases = 106,642.

Source: California Department of Health Services, Office of AIDS, November 1998.

## Chapter 2

### AIDS among Whites in California

There have been 66,381 cases of AIDS diagnosed in white persons through 1997 reported to the OA as of November 30, 1998, with 44,913 reported as dead (**Table 2-1**). Proportionately more cases among Whites have G/B contact as the mode of HIV exposure (79.0% of all cumulative cases for whites, but only 71.6% for whole state). This trend continued for 1997 cases: for white males 75.5% of cases were reported as G/B contact (1,685 out of 2,230), but for all males in the state this rate was 67.2% (see Chapter 1). The number of cases for both white males and females peaked in 1992, which differs slightly from the state as a whole. The percentage of females within cumulative AIDS cases among whites (4.2%) is lower than for the state as a whole (6.9%). However, this percentage among whites has steadily increased since the 1980s, as has that for the whole state. In 1991, 3.7% (267 of 7,245) of white AIDS cases were female; in 1997 it had doubled to 7.4% (179 of 2,409) but was still smaller than that for the whole state (12.2%, see Chapter 1).

AIDS has been reported in 63,616 white males in California, with 43,409 deaths through 1997 (**Table 2-2**). The aforementioned 1992 peak in the number of cases among white males applies across all age groups over the age of 20, while those under 20 peaked in 1991. The percentages of annual AIDS cases coming from each age group remained mostly steady, but exhibited some general trends (**Figure 2-1**). The 30-39 age group has formed the largest percentage of annual AIDS cases among all white male age groups since the start of the epidemic. The percentage of AIDS cases among white males

from the 40-49 age group climbed slowly and steadily between 1982 and 1989, has been stable through 1997, and clearly remains the age group with the second highest percentage of new AIDS cases. While the percentage of white male AIDS cases from the 50 and over group has been fairly steady, that of the 20-29 age group has been decreasing steadily since 1988. In particular, starting in 1992 a higher percentage of AIDS cases among white males came from the 50 and over group than from the 20-29 group.

The cumulative number of AIDS cases in white females reported through 1997 is 2,765, with 1,504 of these reported as dead (**Table 2-3**). The annual number of cases peaked in 1992-93 and decreased in both 1996 and 1997. The age-specific peaks were roughly consistent with these years except for the 0-12 and 50 and over groups, which both peaked in 1991. The time trends for the percentage of annual AIDS cases from females over age strata differ greatly from those of white males. Unlike white males, the percentage of AIDS cases among white females has been the highest for the 30-39 age group only since 1988 and became steady only in 1992 (**Figure 2-2**). The 40-49 age group started out with the smallest percentage of white female cases, but this percentage climbed and became the second highest percentage of all age groups starting in 1992. The percentage of female cases from the 50 and over group started high, steadily decreased, and became the smallest in 1991, while that for the 20-29 group has been fairly steady since the beginning.

**TABLE 2-1**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA WHITES**  
**BY YEAR OF DIAGNOSIS, EXPOSURE CATEGORY AND GENDER**

YEAR	TOTAL CASES DEATHS		MALES								FEMALES									
			MSM/BI- SEXUAL		INJECTION DRUG USE		MSM/BI- SEXUAL IDU		ALL OTHER		SUB- TOTAL		HETERO- SEXUAL		INJECTION DRUG USE		ALL OTHER		SUB- TOTAL	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1980	7	7	6	6	*	*	*	*	*	*	7	7	*	*	*	*	*	*	*	*
1981	46	44	39	38	*	*	6	6	*	*	45	44	*	*	*	*	*	*	*	*
1982	194	184	162	155	*	*	21	19	6	6	192	182	*	*	*	*	*	*	*	*
1983	570	551	466	452	*	*	83	80	13	13	564	545	*	*	*	*	5	5	6	6
1984	1,143	1,109	925	902	8	6	171	164	26	26	1,130	1,098	*	*	4	*	7	6	13	11
1985	2,005	1,943	1,666	1,620	18	15	208	197	71	71	1,963	1,903	8	8	7	6	27	26	42	40
1986	3,094	3,005	2,568	2,503	40	37	307	291	116	112	3,031	2,943	20	19	13	13	30	30	63	62
1987	4,217	4,038	3,518	3,386	66	58	386	359	147	142	4,117	3,945	31	29	17	15	52	49	100	93
1988	4,757	4,436	3,923	3,673	125	110	422	383	149	145	4,619	4,311	45	41	42	35	51	49	138	125
1989	5,610	5,089	4,648	4,232	165	148	461	399	172	162	5,446	4,941	50	45	59	52	55	51	164	148
1990	5,905	5,111	4,844	4,219	215	181	474	388	189	168	5,722	4,956	67	57	69	56	47	42	183	155
1991	7,245	5,875	5,800	4,742	288	230	660	506	230	193	6,978	5,671	113	89	92	63	62	52	267	204
1992	7,758	5,477	6,068	4,325	369	261	714	476	234	174	7,385	5,236	153	99	175	111	45	31	373	241
1993	6,991	3,934	5,338	2,994	409	242	659	370	219	141	6,625	3,747	161	80	149	73	56	34	366	187
1994	5,745	2,217	4,358	1,677	362	145	525	190	202	93	5,447	2,105	125	38	131	53	42	21	298	112
1995	5,078	1,130	3,794	815	316	83	436	102	200	59	4,746	1,059	159	39	130	21	43	11	332	71
1996	3,607	518	2,614	357	278	55	316	49	161	25	3,369	486	111	11	96	16	31	5	238	32
1997	2,409	245	1,685	168	188	13	193	22	164	27	2,230	230	83	6	79	7	17	*	179	15
TOTAL	66,381	44,913	52,422	36,264	2,852	1,586	6,043	4,002	2,299	1,557	63,616	43,409	1,129	563	1,064	525	572	416	2,765	1,504
% OF TOTAL	100.0%	100.0%	79.0%	80.7%	4.3%	3.5%	9.1%	8.9%	3.5%	3.5%	95.8%	96.7%	1.7%	1.3%	1.6%	1.2%	0.9%	0.9%	4.2%	3.3%

Note: Percents may not add to 100% due to rounding.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p.9

**TABLE 2-2**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA WHITE MALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12 CASES DEATHS		13 TO 19 CASES DEATHS		20 TO 29 CASES DEATHS		30 TO 39 CASES DEATHS		40 TO 49 CASES DEATHS		50 AND OVER CASES DEATHS	
1980	7	7	*	*	*	*	*	*	4	4	*	*	*	*
1981	45	44	*	*	*	*	7	7	20	19	13	13	4	4
1982	192	182	*	*	*	*	34	28	95	94	45	43	16	15
1983	564	545	*	*	*	*	102	95	270	263	132	128	56	55
1984	1,130	1,098	*	*	4	*	178	169	544	528	275	271	128	127
1985	1,963	1,903	4	4	*	*	304	287	887	860	473	464	292	287
1986	3,031	2,943	7	7	*	*	480	454	1,359	1,313	776	762	406	404
1987	4,117	3,945	9	7	5	*	578	529	1,849	1,778	1,143	1,104	533	526
1988	4,619	4,311	8	7	*	*	739	663	2,099	1,944	1,196	1,137	576	559
1989	5,446	4,941	9	9	*	*	783	661	2,403	2,166	1,572	1,452	676	651
1990	5,722	4,956	10	7	6	4	812	654	2,494	2,144	1,679	1,475	721	672
1991	6,978	5,671	12	6	12	9	901	661	3,088	2,463	2,087	1,746	878	786
1992	7,385	5,236	8	4	6	4	937	577	3,321	2,289	2,173	1,613	940	749
1993	6,625	3,747	*	*	10	7	777	381	2,977	1,597	1,986	1,159	872	601
1994	5,447	2,105	*	*	7	*	618	205	2,472	875	1,652	675	697	349
1995	4,746	1,059	*	*	7	*	480	90	2,214	414	1,438	360	604	194
1996	3,369	486	*	*	5	*	310	35	1,576	195	1,017	143	458	112
1997	2,230	230	*	*	4	*	219	8	998	75	685	82	321	64
TOTAL	63,616	43,409	86	60	78	39	8,259	5,504	28,670	19,021	18,345	12,630	8,178	6,155
% OF TOTAL	100.0%	100.0%	0.1%	0.1%	0.1%	0.1%	13.0%	12.7%	45.1%	43.8%	28.8%	29.1%	12.9%	14.2%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p.10

**TABLE 2-3**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA WHITE FEMALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

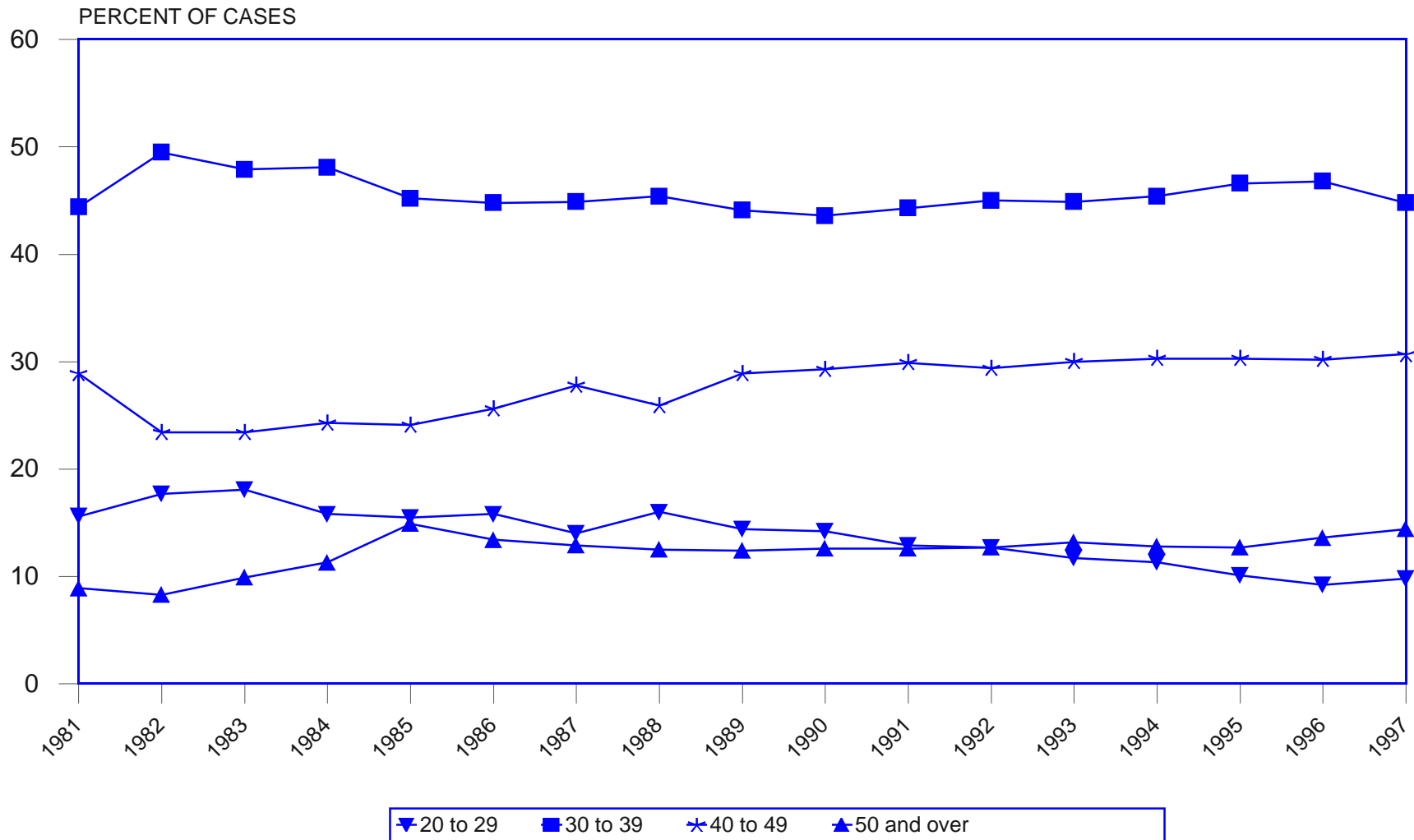
YEAR	TOTAL CASES DEATHS		AGE GROUPS												
			0 TO 12 CASES DEATHS		13 TO 19 CASES DEATHS		20 TO 29 CASES DEATHS		30 TO 39 CASES DEATHS		40 TO 49 CASES DEATHS		50 AND OVER CASES DEATHS		
1980	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1981	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1982	2	2	*	*	*	*	*	*	*	*	*	*	*	*	*
1983	6	6	*	*	*	*	*	*	*	*	*	*	*	*	*
1984	13	11	*	*	*	*	*	*	*	*	*	*	*	5	5
1985	42	40	*	*	*	*	8	8	8	7	4	4	19	19	
1986	63	62	4	4	*	*	14	13	17	17	10	10	18	18	
1987	100	93	6	5	*	*	13	11	27	25	19	17	35	35	
1988	138	125	*	*	*	*	26	23	48	40	25	24	34	33	
1989	164	148	8	7	*	*	28	25	51	46	33	29	44	41	
1990	183	155	7	5	4	*	37	34	61	48	41	33	33	32	
1991	267	204	13	11	4	4	63	47	94	63	47	38	46	41	
1992	373	241	7	6	*	*	83	46	163	100	84	59	35	30	
1993	366	187	6	4	*	*	70	35	158	75	92	47	38	26	
1994	298	112	8	6	4	*	60	16	124	48	63	24	39	18	
1995	332	71	6	*	4	*	64	13	142	24	89	23	27	8	
1996	238	32	*	*	*	*	44	5	104	13	62	9	25	5	
1997	179	15	*	*	*	*	25	*	60	*	60	6	33	5	
TOTAL	2,765	1,504	75	56	23	10	538	279	1,062	513	632	326	435	320	
% OF TOTAL	100.0%	100.0%	2.7%	3.7%	0.8%	0.7%	19.5%	18.6%	38.4%	34.1%	22.9%	21.7%	15.7%	21.3%	

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p.11

Figure 2-1  
 Percent of AIDS Cases Among White Males in  
 California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

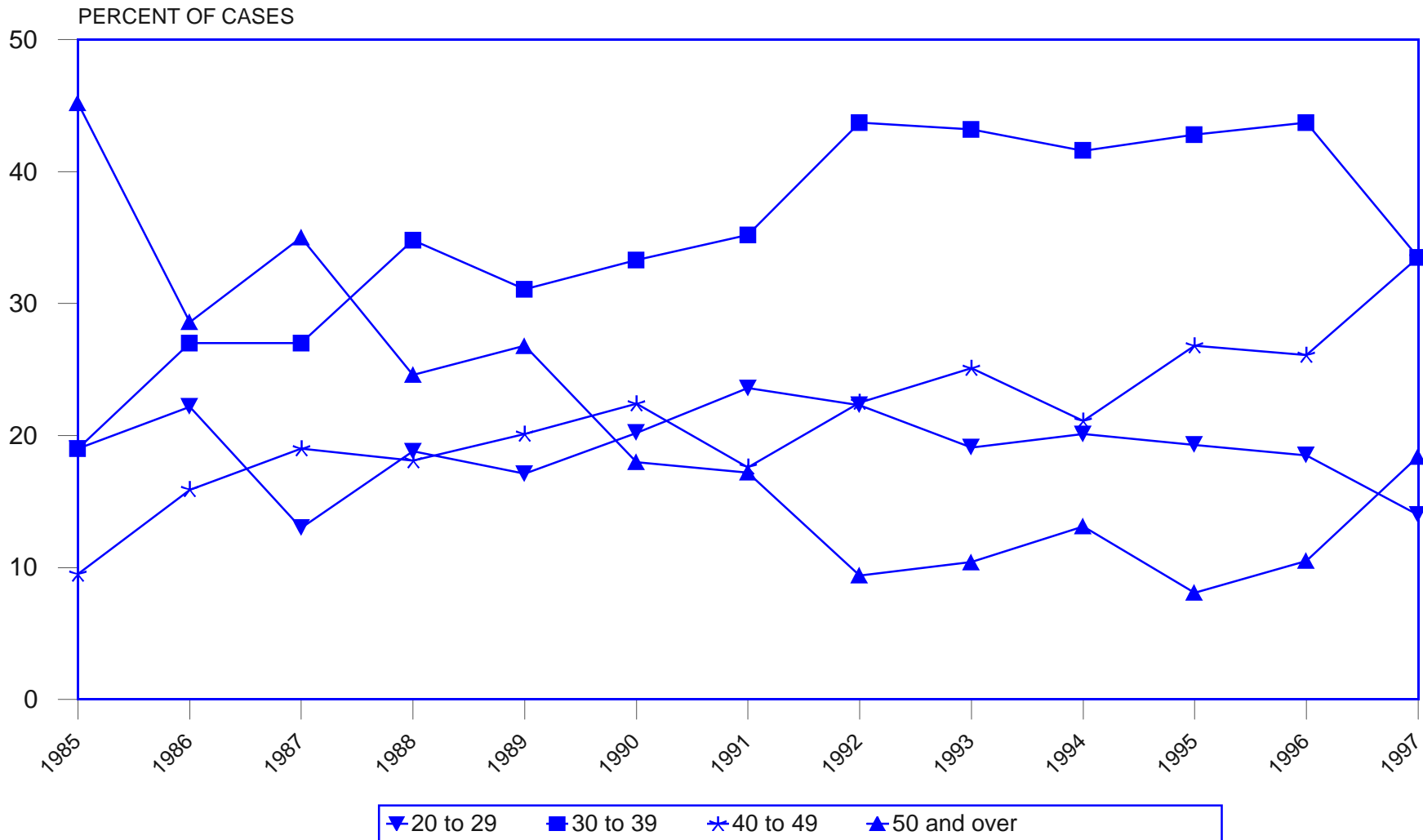
Note: Total cases = 63,616.

Percentages do not add to 100 due to exclusion of cases under 20 years old.

Source: California Department of Health Services, Office of AIDS, November 1998.



Figure 2-2  
 Percent of AIDS Cases Among White Females in  
 California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Note: Total cases = 2,765. 1981-1984 data excluded due to small numbers.  
 Percentages do not add to 100 due to exclusion of cases under 20 years old.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

## Chapter 3

### AIDS among African Americans in California

Through November 30, 1998, the OA has received reports of 17,551 cumulative cases among African Americans diagnosed before 1998, and 10,310 of these have been reported as dead (**Table 3-1**). About half (50.2%) of these cases were reported with G/B contact as the mode of HIV exposure, far below that for the state as a whole (71.6%). In contrast, 24.4% (with 17.3% from males and 7.1% from females) of African American AIDS cases in California have been reported with IDU (without G/B contact) as the mode of HIV exposure, compared to 9.8% for the state as a whole. The number of AIDS cases among males peaked in 1992, while for females it peaked in 1994. The percentage of cumulative African American cases that are female (14.7%) is much higher than for the state as a whole (6.9%). The percentage of females among African American cases has risen every year since 1985. In 1987, 6.9% (46 of 666) of African American cases were female; ten years later in 1997 it more than tripled to 21.4% (262 of 1,223) and was much higher than the 12.2% rate statewide.

The number of AIDS cases and deaths among African American males diagnosed before 1998 reported to the OA are 14,977 and 9,072, respectively, as of November 30, 1998 (**Table 3-2**). The 1992 peak in the number of African American male AIDS cases was generally consistent across age strata. Among these cases, the percentages coming from each age group exhibited definite trends (**Figure 3-1**). The percentage of annual cases from the 30-39 age

group has shown a slight decreasing trend, but has clearly remained the most prominent age group throughout the California epidemic. The percentage from the 40-49 age group started steadily increasing in 1984, became the second highest age group in 1989, and has clearly retained this rank among African American cases since then. The percentage from the 20-29 age group has steadily decreased since 1983 and is currently about the same as from the 50 and over group, which has been steady since 1986.

Among African American females, the cumulative numbers of AIDS cases and deaths through 1997 are 2,574 and 1,238, respectively, for data received by the OA by November 30, 1998 (**Table 3-3**). The 1994 peak in the number of cases was generally consistent within all age strata. The percentage of cumulative African American cases from the 20-29 age group is slightly higher for females (18.2%) than males (15.9%). For the 30-39 age group, it is slightly lower for females (41.9%) than for males (45.8%). Time trends for the annual percentage of female African American AIDS cases from each age group on the whole mirror those of male cases (**Figure 3-2**). One exception is for the 20-29 group: for African American males it has gradually decreased and currently is about the same as the 50 and older group, while for females it has been steady since 1989 and is still clearly higher than the 50 and over group.

TABLE 3-1

ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA AFRICAN AMERICANS  
BY YEAR OF DIAGNOSIS, EXPOSURE CATEGORY AND GENDER

YEAR	TOTAL CASES DEATHS		MALES										FEMALES							
			MSM/BI- SEXUAL		INJECTION DRUG USE		MSM/BI- SEXUAL IDU		ALL OTHER		SUB- TOTAL		HETERO- SEXUAL		INJECTION DRUG USE		ALL OTHER		SUB- TOTAL	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1980	3	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
1981	6	6	*	*	*	*	*	*	*	*	*	6	6	*	*	*	*	*	*	
1982	21	21	17	17	*	*	*	*	*	*	20	20	*	*	*	*	*	*		
1983	70	65	51	46	6	6	8	8	*	*	68	63	*	*	*	*	*	*		
1984	119	113	75	73	7	7	18	18	10	6	110	104	*	*	*	*	7	7		
1985	241	234	168	166	21	18	27	27	15	13	231	224	*	*	4	4	*	*		
1986	427	400	289	276	31	27	53	49	25	22	398	374	12	12	9	7	8	7		
1987	666	618	411	390	74	68	102	93	33	31	620	582	15	13	20	14	11	9		
1988	919	850	549	514	122	113	120	111	49	40	840	778	18	17	47	42	14	13		
1989	1,100	964	631	570	175	148	123	105	67	63	996	886	23	17	57	42	24	19		
1990	1,373	1,165	741	630	219	185	171	141	81	70	1,212	1,026	43	38	97	81	21	20		
1991	1,728	1,360	887	711	322	253	194	152	118	88	1,521	1,204	62	45	115	89	30	22		
1992	2,165	1,508	1,053	759	431	314	222	141	166	115	1,872	1,329	103	63	161	101	29	15		
1993	2,153	1,211	1,051	594	415	235	181	92	148	91	1,795	1,012	131	67	172	101	55	31		
1994	2,012	864	927	376	375	186	183	73	146	73	1,631	708	145	49	171	74	65	33		
1995	1,780	512	773	198	343	116	164	48	165	49	1,445	411	141	38	149	44	45	19		
1996	1,545	279	687	118	284	60	114	19	165	40	1,250	237	119	10	131	23	45	9		
1997	1,223	138	492	50	210	33	64	*	195	22	961	107	103	10	106	13	53	8		
TOTAL	17,551	10,310	8,805	5,491	3,037	1,771	1,748	1,083	1,387	727	14,977	9,072	921	385	1,239	635	414	218		
% OF TOTAL	100.0%	100.0%	50.2%	53.3%	17.3%	17.2%	10.0%	10.5%	7.9%	7.1%	85.3%	88.0%	5.2%	3.7%	7.1%	6.2%	2.4%	2.1%		

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through:

November 30, 1998

AIDS Among Racial/Ethnic Groups in California, 2/99, p. 15

**TABLE 3-2**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA AFRICAN AMERICAN MALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12		13 TO 19		20 TO 29		30 TO 39		40 TO 49		50 AND OVER	
			CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	1	1	*	*	*	*	*	*	*	*	*	*	*	*
1981	6	6	*	*	*	*	*	*	*	*	*	*	*	*
1982	20	20	*	*	*	*	*	*	10	10	7	7	*	*
1983	68	63	*	*	*	*	19	17	35	34	11	9	*	*
1984	110	104	*	*	*	*	27	26	56	51	15	15	11	11
1985	231	224	*	*	*	*	61	59	99	94	51	51	15	15
1986	398	374	*	*	*	*	89	78	180	172	88	84	40	40
1987	620	582	7	6	*	*	126	114	303	281	121	118	60	60
1988	840	778	7	4	*	*	193	177	366	347	178	161	93	86
1989	996	886	10	7	4	*	184	155	470	420	217	203	111	98
1990	1,212	1,026	9	7	*	*	216	176	587	506	284	236	113	99
1991	1,521	1,204	9	6	*	*	244	188	728	555	383	325	154	127
1992	1,872	1,329	11	8	*	*	266	175	846	587	548	399	198	158
1993	1,795	1,012	10	8	*	*	276	136	808	436	508	301	193	131
1994	1,631	708	7	5	*	*	208	70	723	322	531	219	159	92
1995	1,445	411	12	4	*	*	202	46	628	155	438	139	163	66
1996	1,250	237	6	*	*	*	143	18	594	83	365	82	141	52
1997	961	107	*	*	4	*	122	9	421	38	291	39	120	21
TOTAL	14,977	9,072	93	59	34	21	2,383	1,451	6,856	4,093	4,037	2,389	1,574	1,059
% OF TOTAL	100.0%	100.0%	0.6%	0.7%	0.2%	0.2%	15.9%	16.0%	45.8%	45.1%	27.0%	26.3%	10.5%	11.7%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

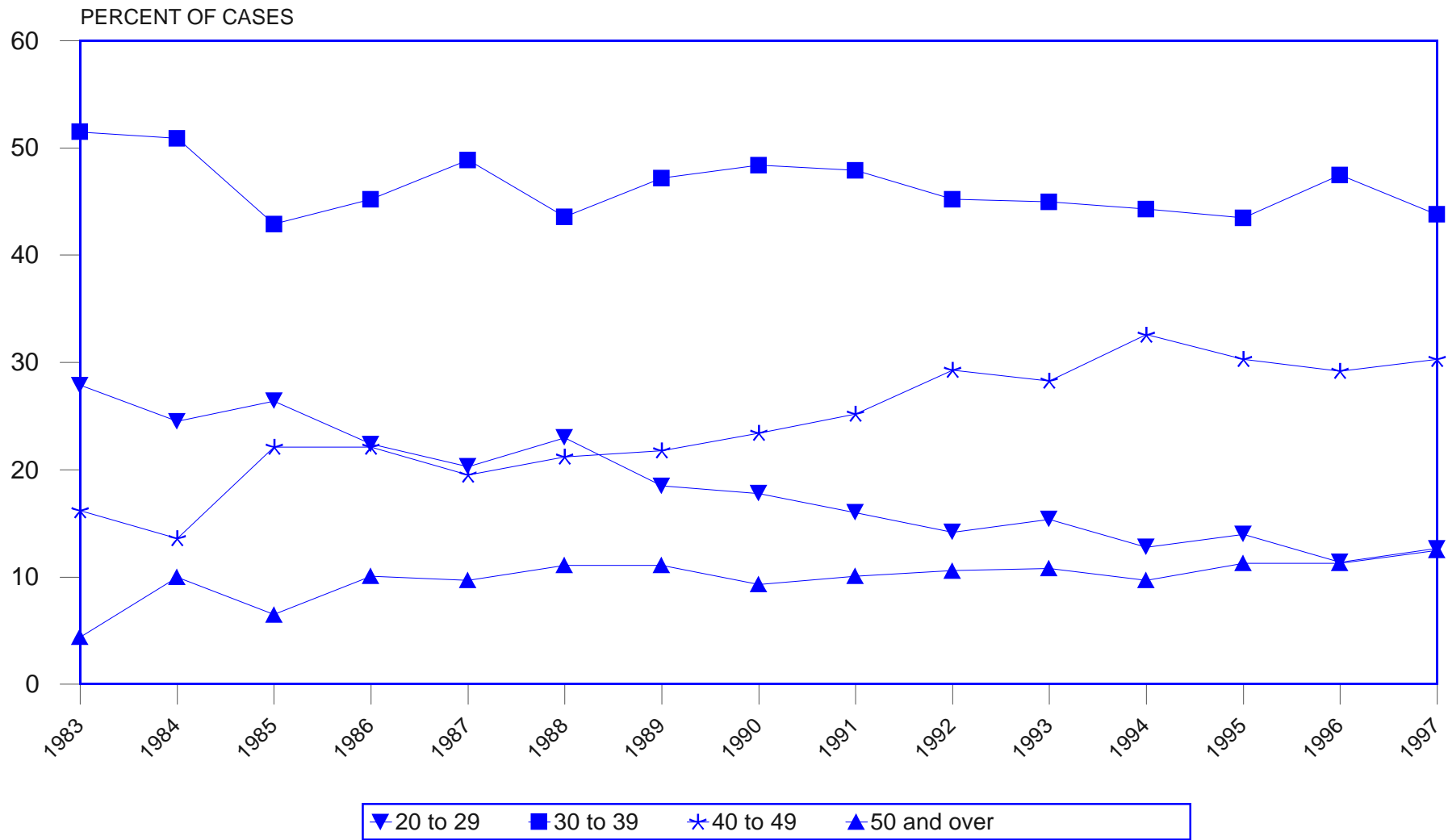
**TABLE 3-3**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA AFRICAN AMERICAN FEMALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12		13 TO 19		20 TO 29		30 TO 39		40 TO 49		50 AND OVER	
			CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	2	1	*	*	*	*	*	*	*	*	*	*	*	*
1981	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1982	1	1	*	*	*	*	*	*	*	*	*	*	*	*
1983	2	2	*	*	*	*	*	*	*	*	*	*	*	*
1984	9	9	*	*	*	*	*	*	*	*	*	*	*	*
1985	10	10	*	*	*	*	*	*	*	*	*	*	*	*
1986	29	26	*	*	*	*	6	5	11	9	6	6	*	*
1987	46	36	4	*	*	*	12	9	20	16	4	4	5	4
1988	79	72	4	*	*	*	16	16	36	32	16	15	7	6
1989	104	78	12	8	*	*	18	13	42	31	15	13	15	12
1990	161	139	*	*	*	*	27	23	75	62	37	33	19	19
1991	207	156	10	7	*	*	39	31	90	66	49	36	18	16
1992	293	179	4	*	*	*	52	29	138	82	77	53	21	14
1993	358	199	9	5	5	*	73	39	146	79	93	51	32	24
1994	381	156	12	8	4	*	68	17	149	53	106	51	42	25
1995	335	101	9	*	4	*	59	12	133	42	106	37	24	7
1996	295	42	4	*	*	*	49	4	126	16	87	15	28	7
1997	262	31	*	*	*	*	43	6	107	9	76	9	32	7
TOTAL	2,574	1,238	81	47	23	6	468	210	1,078	502	676	327	248	146
% OF TOTAL	100.0%	100.0%	3.1%	3.8%	0.9%	0.5%	18.2%	17.0%	41.9%	40.5%	26.3%	26.4%	9.6%	11.8%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Figure 3-1  
 Percent of AIDS Cases Among African American Males  
 in California by Age Group and Year of Diagnosis



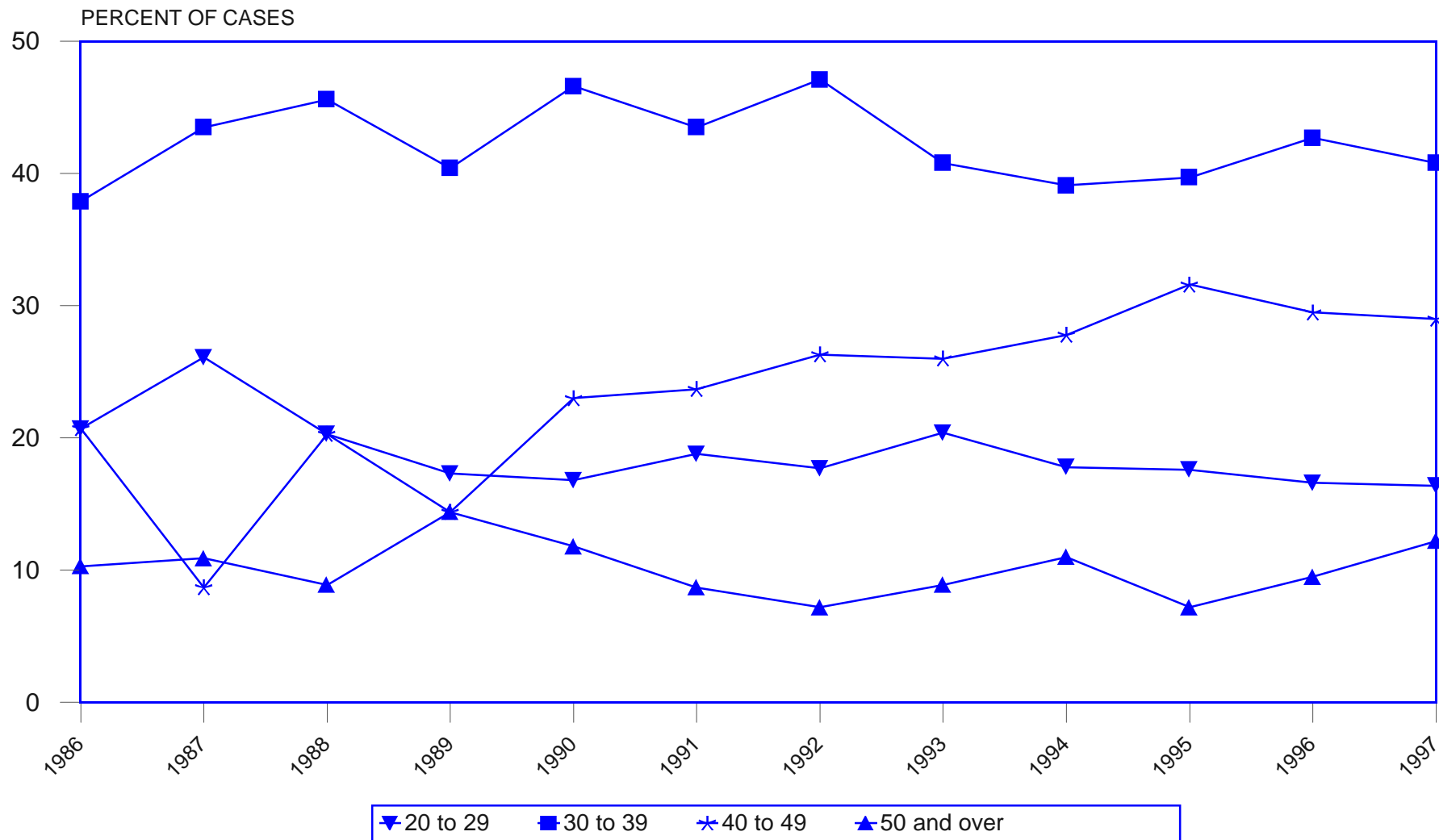
\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Note: Total cases = 14,977. 1981-1982 data excluded due to small numbers.

Percentages do not add to 100 due to exclusion of cases under 20 years old.

Source: California Department of Health Services, Office of AIDS, November 1998.

Figure 3-2  
 Percent of AIDS Cases Among African American Females  
 in California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Note: Total cases = 2,574. 1981-1985 data excluded due to small numbers.  
 Percentages do not add to 100 due to exclusion of cases under 20 years old.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

## Chapter 4

### AIDS among Latinos/Latinas in California

There have been 19,946 AIDS cases, with 11,226 known dead, among Latinos/as through 1997 recorded by the OA with closing date November 30, 1998 (**Table 4-1**). About two-thirds (66.0%) of these cases reported G/B contact as the source of HIV exposure, which is close to the rate for the whole state (71.6%). The number of cases among Latino males peaked in 1992-93, while that for Latina females peaked slightly later in 1993-95. The cumulative percentage of cases in this racial/ethnic group that are female (8.5%) is slightly higher than for the state as a whole (6.9%). The percentage of females among annual Latino/a cases has steadily risen (just as for the state as a whole); between 1989 and 1997 this percentage doubled, from 5.8% (72 of 1,234) to 12.0% (180 of 1,505).

For AIDS cases diagnosed before 1998, 18,249 cases among Latino males have been reported to the OA through November 30, 1998, with 10,419 reported dead (**Table 4-2**). The 1992-93 peak in the annual number of new cases among Latino males was consistent across age strata, but this peak may have extended to 1995 for the 40-49 age group. Over 70% of cumulative male cases have been under 40 years old, which is far higher than for white (58.3%) or African American (62.5%) males. The percentages of Latino male annual cases from each age group exhibit little time trend but are in a different order from males of other racial/ethnic groups (**Figure 4-1**). The 30-39 and 50 and older groups have provided the highest and lowest percentages of annual new cases among Latino males since 1983, respectively. Unlike white or African American males, however, the percentage of annual cases from the 20-29 age group among Latino males has shown no decline and continues to

be the second highest of all age groups, just above the 40-49 age group. The percentage of annual new Latino male cases from the 40-49 age group has shown no increase, which is also different from white and African American males. In short, through 1997 the Latino male AIDS cohort is younger than the white male and/or African American male AIDS cohorts.

Among cases of AIDS reported to the OA before November 30, 1998 and diagnosed before 1998, 1,697 have been Latina females and 807 have been reported as dead (**Table 4-3**). The peak in the number of Latina female AIDS cases varied by age strata. The peak for the 30-39 group occurred in 1993, that for the 20-29 group in 1994, and those of the 40-49 and 50 and over groups in 1995. Over 70% of cumulative Latina female cases have been under 40 years old (as with Latino males) and almost 6% under 13 years old, which are the highest among all racial/ethnic groups. The time trends of the age-specific percentages of Latina female cases are far less stable than Latino males, but maintain the same Latino-specific ordering with the 20-29 group being the second most prominent age group (**Figure 4-2**). The 30-39 and 40-49 groups have been the most and third most prominent age groups among Latina females during the 1990s, respectively, but have shown opposite trends. From 1992 through 1995, the percentage of Latina female cases from the 30-39 group declined steadily while that from the 40-49 group increased steadily; from 1995 through 1997 these trends reversed.

Analyses by Latino/a subgroup will be presented in the next edition of this report.



**TABLE 4-1**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA LATINOS**  
**BY YEAR OF DIAGNOSIS, EXPOSURE CATEGORY AND GENDER**

YEAR	TOTAL CASES DEATHS		MALES										FEMALES							
			MSM/BI- SEXUAL		INJECTION DRUG USE		MSM/BI- SEXUAL IDU		ALL OTHER		SUB- TOTAL		HETERO- SEXUAL		INJECTION DRUG USE		ALL OTHER		SUB- TOTAL	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1980	3	3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1981	7	6	5	5	*	*	*	*	*	*	7	6	*	*	*	*	*	*	*	*
1982	16	16	14	14	*	*	*	*	*	*	16	16	*	*	*	*	*	*	*	*
1983	65	61	49	46	*	*	9	9	*	*	62	58	*	*	*	*	*	*	*	*
1984	137	127	103	95	11	10	13	13	8	7	135	125	*	*	*	*	*	*	*	*
1985	292	272	222	215	15	13	21	18	21	17	279	263	*	*	4	*	8	6	13	9
1986	472	441	367	343	27	25	34	32	23	23	451	423	4	4	5	*	12	12	21	18
1987	671	614	479	439	38	32	55	53	60	52	632	576	13	12	10	10	16	16	39	38
1988	931	842	669	602	63	56	83	78	70	64	885	800	15	14	8	8	23	20	46	42
1989	1,234	1,062	857	743	90	73	105	93	110	95	1,162	1,004	25	22	15	12	32	24	72	58
1990	1,515	1,256	1,082	901	96	78	110	88	125	102	1,413	1,169	41	35	23	18	38	34	102	87
1991	2,009	1,534	1,348	1,036	180	135	162	134	175	126	1,865	1,431	60	47	36	25	48	31	144	103
1992	2,426	1,619	1,628	1,095	246	153	169	120	189	126	2,232	1,494	89	54	59	37	46	34	194	125
1993	2,442	1,376	1,550	872	240	130	206	123	214	119	2,210	1,244	126	77	51	25	55	30	232	132
1994	2,227	939	1,430	588	209	100	139	55	232	114	2,010	857	130	47	51	15	36	20	217	82
1995	2,192	595	1,401	349	205	69	132	33	226	88	1,964	539	131	26	41	12	56	18	228	56
1996	1,802	286	1,113	150	161	33	95	14	230	58	1,599	255	114	11	46	10	43	10	203	31
1997	1,505	177	843	80	141	22	66	8	275	47	1,325	157	83	7	36	5	61	8	180	20
TOTAL	19,946	11,226	13,161	7,574	1,726	933	1,400	872	1,962	1,040	18,249	10,419	833	357	386	183	478	267	1,697	807
% OF TOTAL	100.0%	100.0%	66.0%	67.5%	8.7%	8.3%	7.0%	7.8%	9.8%	9.3%	91.5%	92.8%	4.2%	3.2%	1.9%	1.6%	2.4%	2.4%	8.5%	7.2%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p. 21

**TABLE 4-2**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA LATINO MALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

YEAR	TOTAL CASES DEATHS		AGE GROUPS												
			0 TO 12 CASES DEATHS		13 TO 19 CASES DEATHS		20 TO 29 CASES DEATHS		30 TO 39 CASES DEATHS		40 TO 49 CASES DEATHS		50 AND OVER CASES DEATHS		
1980	2	2	*	*	*	*	*	*	*	*	*	*	*	*	*
1981	7	6	*	*	*	*	*	*	*	*	*	*	*	*	*
1982	16	16	*	*	*	*	*	*	8	8	4	4	*	*	
1983	62	58	*	*	*	*	18	17	27	24	13	13	*	*	
1984	135	125	*	*	*	*	28	27	62	57	32	29	10	9	
1985	279	263	5	*	*	*	65	61	131	124	56	54	19	18	
1986	451	423	*	*	5	5	104	91	206	195	87	83	46	46	
1987	632	576	7	7	*	*	139	122	294	271	133	119	57	55	
1988	885	800	10	7	5	4	206	177	390	357	185	172	89	83	
1989	1,162	1,004	6	4	8	6	274	228	529	455	230	203	115	108	
1990	1,413	1,169	8	5	8	6	321	252	664	543	289	254	123	109	
1991	1,865	1,431	8	6	12	6	412	288	868	666	401	324	164	141	
1992	2,232	1,494	17	11	9	4	534	327	1,035	685	454	319	183	148	
1993	2,210	1,244	12	5	11	*	552	259	1,017	565	435	277	183	136	
1994	2,010	857	13	5	15	6	448	163	944	396	444	194	146	93	
1995	1,964	539	6	*	7	*	465	94	897	227	425	144	164	73	
1996	1,599	255	*	*	11	*	383	44	745	111	325	61	132	38	
1997	1,325	157	6	*	5	*	290	22	633	67	267	33	124	34	
TOTAL	18,249	10,419	108	62	101	45	4,240	2,173	8,455	4,756	3,783	2,285	1,562	1,098	
% OF TOTAL	100.0%	100.0%	0.6%	0.6%	0.6%	0.4%	23.2%	20.9%	46.3%	45.6%	20.7%	21.9%	8.6%	10.5%	

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p. 22

**TABLE 4-3**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA LATINA FEMALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

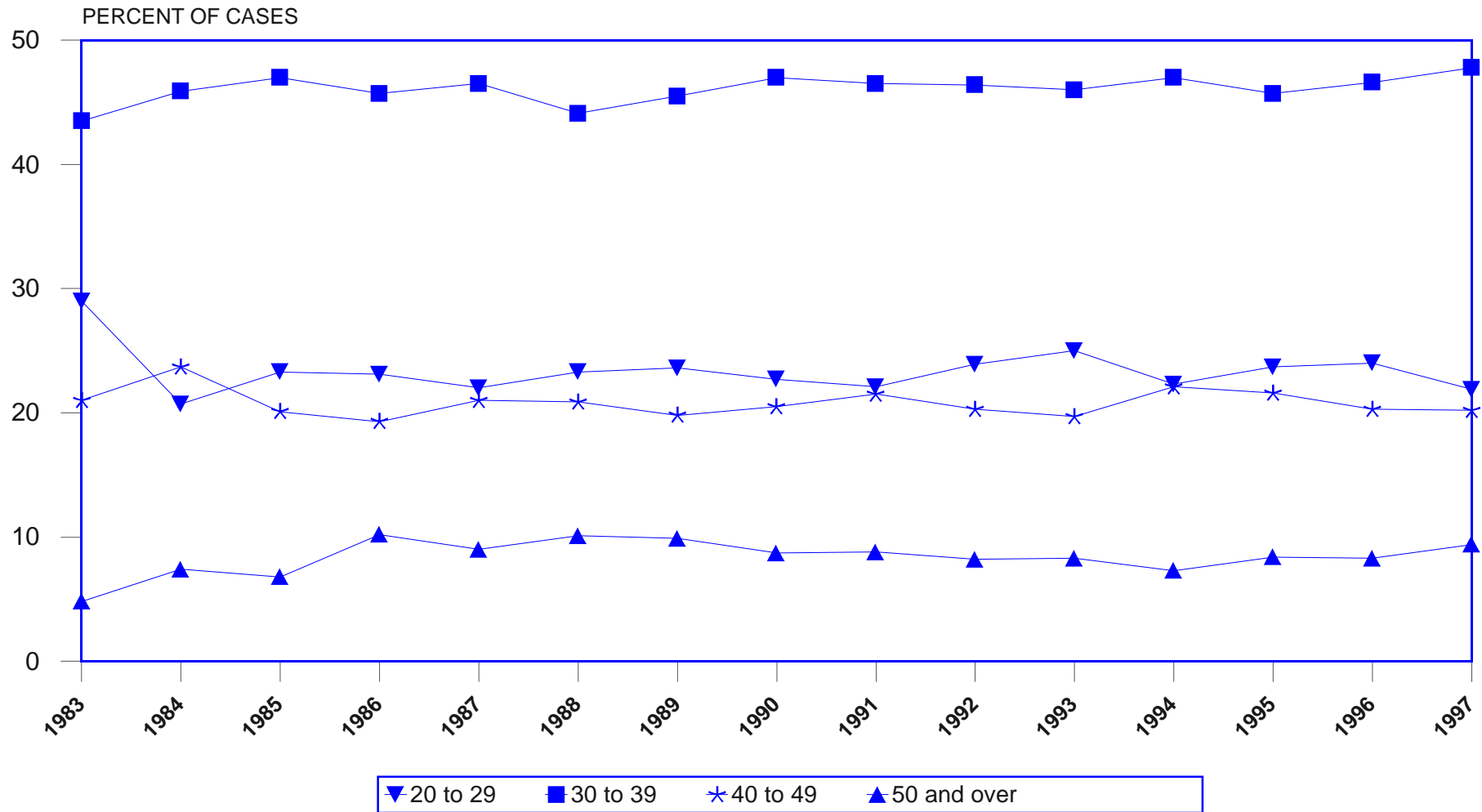
YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12		13 TO 19		20 TO 29		30 TO 39		40 TO 49		50 AND OVER	
			CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	1	1	*	*	*	*	*	*	*	*	*	*	*	*
1981	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1982	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1983	3	3	*	*	*	*	*	*	*	*	*	*	*	*
1984	2	2	*	*	*	*	*	*	*	*	*	*	*	*
1985	13	9	4	*	*	*	*	*	4	4	*	*	*	*
1986	21	18	5	5	*	*	7	4	*	*	*	*	5	5
1987	39	38	4	4	*	*	13	13	8	7	8	8	6	6
1988	46	42	8	6	*	*	11	9	11	11	6	6	9	9
1989	72	58	7	4	*	*	21	17	21	16	15	14	8	7
1990	102	87	6	5	*	*	27	21	38	33	14	12	15	14
1991	144	103	8	5	*	*	40	25	54	39	25	20	14	11
1992	194	125	11	10	*	*	50	33	81	47	31	21	19	14
1993	232	132	13	9	4	*	59	34	92	43	42	28	22	15
1994	217	82	8	6	*	*	69	22	77	29	43	17	18	8
1995	228	56	14	*	*	*	59	11	74	14	49	19	29	8
1996	203	31	5	*	8	*	49	6	75	10	42	8	24	6
1997	180	20	5	*	4	*	42	*	76	8	29	5	24	4
TOTAL	1,697	807	100	61	29	12	452	201	615	265	305	159	196	109
% OF TOTAL	100.0%	100.0%	5.9%	7.6%	1.7%	1.5%	26.6%	24.9%	36.2%	32.8%	18.0%	19.7%	11.5%	13.5%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

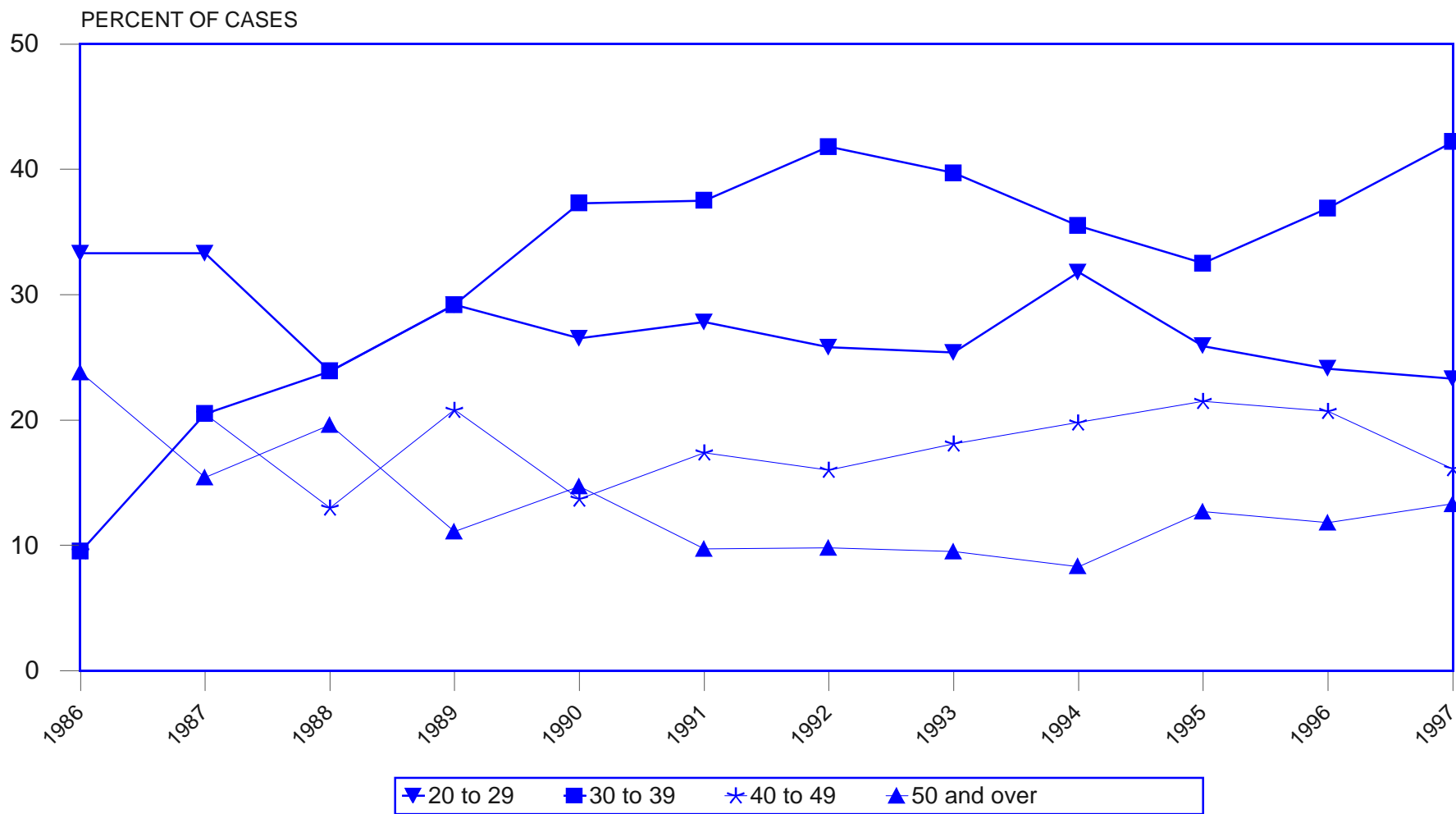
Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p. 23

Figure 4-1  
 Percent of AIDS Cases Among Latino Males in  
 California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Note: Total cases = 18,249. 1981-1982 data excluded due to small numbers.  
 Percentages do not add to 100 due to exclusion of cases under 20 years old.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

Figure 4-2  
 Percent of AIDS Cases Among Latina Females in  
 California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Note: Total cases = 1,697. 1981-1985 data excluded due to small numbers.

Percentages do not add to 100 due to exclusion of cases under 20 years old.

Source: California Department of Health Services, Office of AIDS, November 1998.

## Chapter 5

### AIDS among Asians/Pacific Americans in California

As of November 30, 1998, the number of cumulative AIDS cases diagnosed before 1998 among Asian/Pacific Americans (Asian/PA) in California reported to the OA is 2,157, with 1,266 reported as dead (**Table 5-1**). The proportion of these cases reported with G/B contact as the mode of HIV exposure was 73.8%, near the statewide mark of 71.6%. However, among males this percentage has been much larger recently; in 1997 almost 80% (95 of 120) of Asian/PA male cases were reported as G/B contact while this number was only 67.2% for all male cases in the state. Moreover, only 4.3% of all cumulative Asian/PA cases have been listed with an IDU exposure, compared to 9.8% of cases statewide. The number of Asian/PA male cases peaked in 1992-93, and the number of Asian/PA female cases peaked in 1995. About 10% of cumulative Asian/PA cases have been female, which is slightly higher than for the whole state (6.9%). The percentage of annual new Asian/PA cases that are female has shown an erratic time trend, but has been over 8% every year since 1988 and over 15% in both 1995 and 1997. It was 16.1% (23 of 143) in 1997, its highest value ever. Half of cumulative Asian/PA female cases have been reported as heterosexual HIV exposure, which is the highest of all racial/ethnic groups (Latinas are close at 49.1%, but white and African American females are at 40.8% and 35.8%, respectively). Conversely, only 14.2% of cumulative female Asian/PA female cases list IDU as the exposure, which is by far the lowest of all racial/ethnic groups.

The cumulative number of Asian/PA male AIDS cases diagnosed through 1997 and reported to the OA by November 30, 1998 is

1,939, with 1,158 reported deaths (**Table 5-2**). The 1992-93 peak in the number of Asian/PA male cases was fairly consistent across age strata. The age breakdown of the cumulative number of AIDS cases generally parallels those for white and African American males, and the time trends for the annual percentage of new cases within each age group are ranked similarly (**Figure 5-1**). Since 1987, the 30-39 and 40-49 age groups have formed the highest and second highest percentages of annual new Asian/PA male cases, respectively, while the 20-29 and 50 or older groups have had the second lowest and lowest percentages, respectively, since 1989. From 1993 to 1997, the percentage of annual new male Asian/PA cases from the 40-49 increased, that from the 50 or older group remained steady, while those within the 20-29 and 30-39 groups decreased slightly.

Through November 30, 1998, AIDS has been diagnosed before 1998 and reported to the OA for 218 Asian/PA females, with 108 cases reported as dead (**Table 5-3**). The peak in the number of female Asian/PA cases that occurred in 1995 was reflected only in the 50 or older age group. The 30-39 group peaked earlier (1992-94), while the 20-29 and 40-49 groups had their largest numbers in 1997. While 18.3% of cumulative cases have occurred in the 20-29 age group, this percentage was 27.0% (20 of 74) among cases diagnosed between 1995 and 1997. The small numbers of cases in several years prevented a meaningful trend chart analysis.

Analyses by Asian/Pacific American subgroup will be presented in the next edition of this report.

**TABLE 5-1**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA ASIAN/PACIFIC AMERICANS**  
**BY YEAR OF DIAGNOSIS, EXPOSURE CATEGORY AND GENDER**

YEAR	TOTAL CASES DEATHS		MALES										FEMALES								
			MSM/BI- SEXUAL		INJECTION DRUG USE		MSM/BI- SEXUAL IDU		ALL OTHER		SUB- TOTAL		HETERO- SEXUAL		INJECTION DRUG USE		ALL OTHER		SUB- TOTAL		
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases
1982	3	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1983	2	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1984	9	8	7	7	*	*	*	*	*	*	9	8	*	*	*	*	*	*	*	*	
1985	41	38	31	28	*	*	*	*	6	6	40	37	*	*	*	*	*	*	*	*	
1986	60	50	46	40	*	*	4	*	5	5	56	47	*	*	*	*	*	*	4	*	
1987	87	81	71	67	*	*	*	*	7	6	82	77	*	*	*	*	*	*	5	4	
1988	87	83	69	65	*	*	*	*	7	7	78	74	*	*	*	*	5	5	9	9	
1989	168	151	132	119	*	*	*	*	17	17	153	140	9	8	*	*	5	*	15	11	
1990	173	148	131	112	*	*	7	7	20	18	159	138	*	*	*	*	9	9	14	10	
1991	200	170	147	125	6	6	7	5	15	14	175	150	10	9	*	*	14	10	25	20	
1992	266	185	199	138	7	6	10	6	27	20	243	170	15	9	5	*	*	*	23	15	
1993	269	155	203	118	8	5	10	6	24	16	245	145	13	5	*	*	9	*	24	10	
1994	249	103	180	67	14	10	9	4	23	11	226	92	9	*	*	*	11	7	23	11	
1995	203	39	132	24	8	*	9	*	22	5	171	30	18	6	4	*	10	*	32	9	
1996	197	34	145	24	10	*	9	*	14	5	178	30	15	*	*	*	*	*	19	4	
1997	143	17	95	9	5	*	*	*	18	5	120	16	13	*	5	*	5	*	23	*	
TOTAL	2,157	1,266	1,592	947	63	33	77	42	207	136	1,939	1,158	109	46	31	16	78	46	218	108	
% OF TOTAL	100.0%	100.0%	73.8%	74.8%	2.9%	2.6%	3.6%	3.3%	9.6%	10.7%	89.9%	91.5%	5.1%	3.6%	1.4%	1.3%	3.6%	3.6%	10.1%	8.5%	

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p. 27

TABLE 5-2

ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA ASIAN/PACIFIC AMERICAN MALES  
BY YEAR OF DIAGNOSIS AND AGE GROUPS

YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12 CASES DEATHS		13 TO 19 CASES DEATHS		20 TO 29 CASES DEATHS		30 TO 39 CASES DEATHS		40 TO 49 CASES DEATHS		50 AND OVER CASES DEATHS	
1980	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1981	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1982	2	2	*	*	*	*	*	*	*	*	*	*	*	*
1983	2	2	*	*	*	*	*	*	*	*	*	*	*	*
1984	9	8	*	*	*	*	*	*	5	5	*	*	*	*
1985	40	37	*	*	*	*	10	8	13	12	12	12	*	*
1986	56	47	*	*	*	*	9	6	19	18	22	17	5	5
1987	82	77	*	*	*	*	10	9	40	39	18	16	14	13
1988	78	74	*	*	*	*	12	12	34	32	17	16	14	13
1989	153	140	*	*	*	*	23	20	64	56	48	47	17	16
1990	159	138	*	*	*	*	29	25	68	61	43	39	16	12
1991	175	150	*	*	*	*	32	24	72	62	56	49	14	14
1992	243	170	*	*	*	*	40	24	105	76	81	56	17	14
1993	245	145	*	*	*	*	44	21	114	72	58	32	26	19
1994	226	92	*	*	*	*	35	12	101	36	62	29	25	15
1995	171	30	*	*	*	*	24	*	82	14	46	8	18	6
1996	178	30	*	*	*	*	25	*	72	9	66	10	15	9
1997	120	16	*	*	*	*	17	*	53	7	35	6	14	*
TOTAL	1,939	1,158	8	6	9	2	311	167	844	501	567	340	200	142
% OF TOTAL	100.0%	100.0%	0.4%	0.5%	0.5%	0.2%	16.0%	14.4%	43.5%	43.3%	29.2%	29.4%	10.3%	12.3%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.



TABLE 5-3

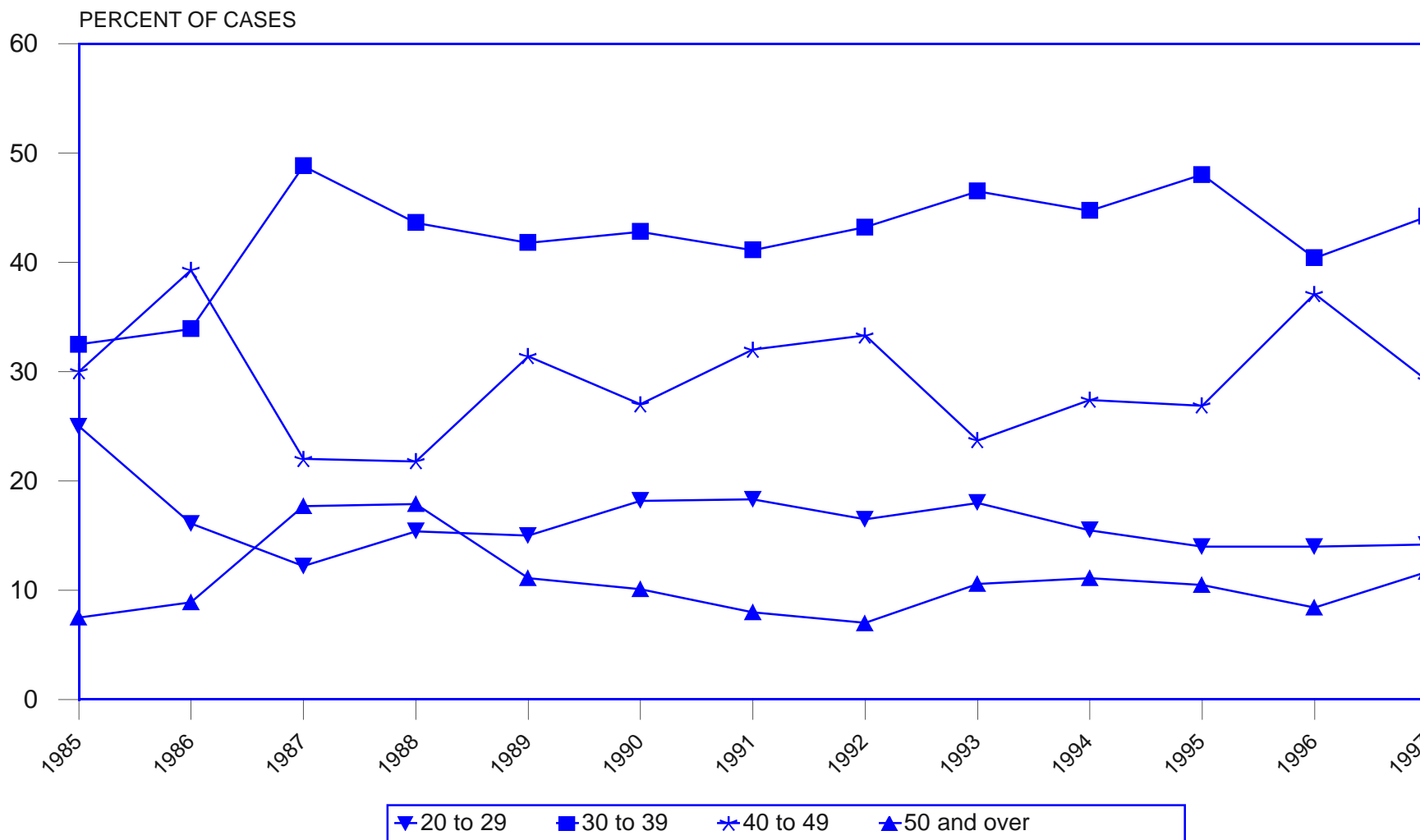
ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA ASIAN/PACIFIC AMERICAN FEMALES  
BY YEAR OF DIAGNOSIS AND AGE GROUPS

YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12		13 TO 19		20 TO 29		30 TO 39		40 TO 49		50 AND OVER	
			CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1981	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1982	1	0	*	*	*	*	*	*	*	*	*	*	*	*
1983	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1984	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1985	1	1	*	*	*	*	*	*	*	*	*	*	*	*
1986	4	3	*	*	*	*	*	*	*	*	*	*	*	*
1987	5	4	*	*	*	*	*	*	*	*	*	*	*	*
1988	9	9	*	*	*	*	*	*	*	*	*	*	*	*
1989	15	11	*	*	*	*	*	*	6	*	*	*	5	5
1990	14	10	*	*	*	*	*	*	5	*	4	4	4	*
1991	25	20	*	*	*	*	4	*	6	5	9	7	6	6
1992	23	15	*	*	*	*	4	*	12	5	*	*	5	5
1993	24	10	*	*	*	*	5	*	10	4	*	*	5	*
1994	23	11	*	*	*	*	*	*	10	4	6	*	*	*
1995	32	9	*	*	*	*	6	*	8	*	8	*	9	*
1996	19	4	*	*	*	*	7	*	7	*	*	*	*	*
1997	23	1	*	*	*	*	7	*	4	*	10	*	*	*
TOTAL	218	108	7	6	4	0	40	15	74	32	52	28	41	27
% OF TOTAL	100.0%	100.0%	3.2%	5.6%	1.8%	0.0%	18.3%	13.9%	33.9%	29.6%	23.9%	25.9%	18.8%	25.0%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Figure 5-1  
 Percent of AIDS Cases Among Asian/Pacific American Males  
 in California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Note: Total cases = 1,939. 1981-1984 data excluded due to small numbers.

Percentages do not add to 100 due to exclusion of cases under 20 years old.

Source: California Department of Health Services, Office of AIDS, November 1998.

## Chapter 6

### AIDS among Native Americans in California

There have been 445 AIDS cases among Native Americans diagnosed before 1998 reported to the OA through November 30, 1998, with 250 reported as dead (**Table 6-1**). The number of new annual cases peaked for both genders in 1995. Only 56.4% of cumulative Native American cases were reported with G/B contact as the HIV exposure (compared to 71.6% for the whole state). However, 19.1% of cumulative cases have been listed with G/B contact and IDU exposure, which is far more than the state percentage of 8.8%. The percent of total Native American cases that are female is 11.0%, and the percent of females among annual new Native American cases was over this value each year between 1991 and 1996 (inclusive). The breakdown of female cases over exposure category is the inverse of that for Asian/PA females. That is, IDU exposure has been reported for 57.1% (28 of 49) of all Native American female cases, which is the highest rate for all racial/ethnic groups, while heterosexual exposure has been listed in only 26.5% (13 of 49), which is the lowest among all racial/ethnic female groups.

Out of the 445 cumulative Native American AIDS cases, 396 have been male and 231 of these have been recorded as dead (**Table 6-2**). The 1995 peak in the number of male cases was only reflected in the 30-39 and 50 or older age groups. Both the 20-29 group (1989)

and the 40-49 group (1992 and 1994) peaked earlier. Three-fourths of total Native American male cases have been under 40 years old at diagnosis, which is a much higher percentage than the males for other racial/ethnic groups (except Latinos, at 70%). Due to the small numbers of new annual cases, the time trends for the percent of new cases in each age group are unstable, but some general observations are possible (**Figure 6-1**). Except for one year, the highest proportion of new annual Native American male cases have come from the 30-39 age group, while the 50 or older group has produced the smallest proportion every year without exception. The 20-29 and 40-49 groups have produced roughly similar proportions of the annual new cases and have traded off being the second and third most prominent of all age groups for Native American males.

For data collected by the OA as of November 30, 1998, there have been 49 Native American female AIDS cases diagnosed through 1997 in California, with 19 reported dead (**Table 6-3**). There have been no reported Native American female cases within the 13-19 age group, but almost 70% (34 of 49) of all cases have been under 40 years old at diagnosis. The limited number of reported cases among Native American females prevents meaningful trend analyses.

**TABLE 6-1**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA NATIVE AMERICANS**  
**BY YEAR OF DIAGNOSIS, EXPOSURE CATEGORY AND GENDER**

YEAR	TOTAL CASES DEATHS		MALES										FEMALES							
			MSM/BI- SEXUAL		INJECTION DRUG USE		MSM/BI- SEXUAL IDU		ALL OTHER		SUB- TOTAL		HETERO- SEXUAL		INJECTION DRUG USE		ALL OTHER		SUB- TOTAL	
			Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1985	3	3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1986	11	11	9	9	*	*	*	*	*	*	11	11	*	*	*	*	*	*	*	*
1987	9	9	5	5	*	*	*	*	*	*	8	8	*	*	*	*	*	*	*	*
1988	17	15	6	6	*	*	5	4	*	*	15	14	*	*	*	*	*	*	*	*
1989	34	30	21	20	*	*	5	4	*	*	32	29	*	*	*	*	*	*	*	*
1990	42	31	28	20	*	*	8	6	*	*	41	30	*	*	*	*	*	*	*	*
1991	39	31	20	16	*	*	12	9	*	*	34	27	*	*	5	4	*	*	5	4
1992	58	39	29	20	5	*	14	11	*	*	49	35	4	*	4	*	*	*	9	4
1993	53	33	34	23	*	*	11	6	*	*	47	31	*	*	*	*	*	*	6	*
1994	58	25	33	12	8	7	8	*	*	*	51	22	*	*	6	*	*	*	7	*
1995	63	15	34	9	9	4	9	*	*	*	54	14	4	*	*	*	*	*	9	*
1996	39	8	16	*	6	*	7	*	4	*	33	7	*	*	*	*	*	*	6	*
1997	19	0	13	*	*	*	*	*	*	*	18	*	*	*	*	*	*	*	*	*
TOTAL	445	250	251	144	41	24	85	51	19	12	396	231	13	4	28	14	8	1	49	19
% OF TOTAL	100.0%	100.0%	56.4%	57.6%	9.2%	9.6%	19.1%	20.4%	4.3%	4.8%	89.0%	92.4%	2.9%	1.6%	6.3%	5.6%	1.8%	0.4%	11.0%	7.6%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through: November 30, 1998 AIDS Among Racial/Ethnic Groups in California, 2/99, p. 32

**TABLE 6-2**  
**ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA NATIVE AMERICAN MALES**  
**BY YEAR OF DIAGNOSIS AND AGE GROUPS**

YEAR	TOTAL CASES DEATHS		AGE GROUPS											
			0 TO 12		13 TO 19		20 TO 29		30 TO 39		40 TO 49		50 AND OVER	
			CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
1980	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1981	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1982	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1983	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1984	0	0	*	*	*	*	*	*	*	*	*	*	*	*
1985	3	3	*	*	*	*	*	*	*	*	*	*	*	*
1986	11	11	*	*	*	*	*	*	6	6	*	*	*	*
1987	8	8	*	*	*	*	*	*	5	5	*	*	*	*
1988	15	14	*	*	*	*	5	5	7	6	*	*	*	*
1989	32	29	*	*	*	*	15	14	9	8	7	6	*	*
1990	41	30	*	*	*	*	8	6	27	19	4	*	*	*
1991	34	27	*	*	*	*	4	4	23	17	7	6	*	*
1992	49	35	*	*	*	*	11	6	19	13	14	13	4	*
1993	47	31	*	*	*	*	12	6	27	19	5	*	*	*
1994	51	22	*	*	*	*	10	*	25	10	14	9	*	*
1995	54	14	*	*	*	*	9	*	30	8	9	*	4	*
1996	33	7	*	*	*	*	6	*	18	*	5	*	4	*
1997	18	0	*	*	*	*	4	*	8	*	6	*	*	*
TOTAL	396	231	2	1	2	0	88	50	205	115	76	49	23	16
% OF TOTAL	100.0%	100.0%	0.5%	0.4%	0.5%	0.0%	22.2%	21.6%	51.8%	49.8%	19.2%	21.2%	5.8%	6.9%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.

Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

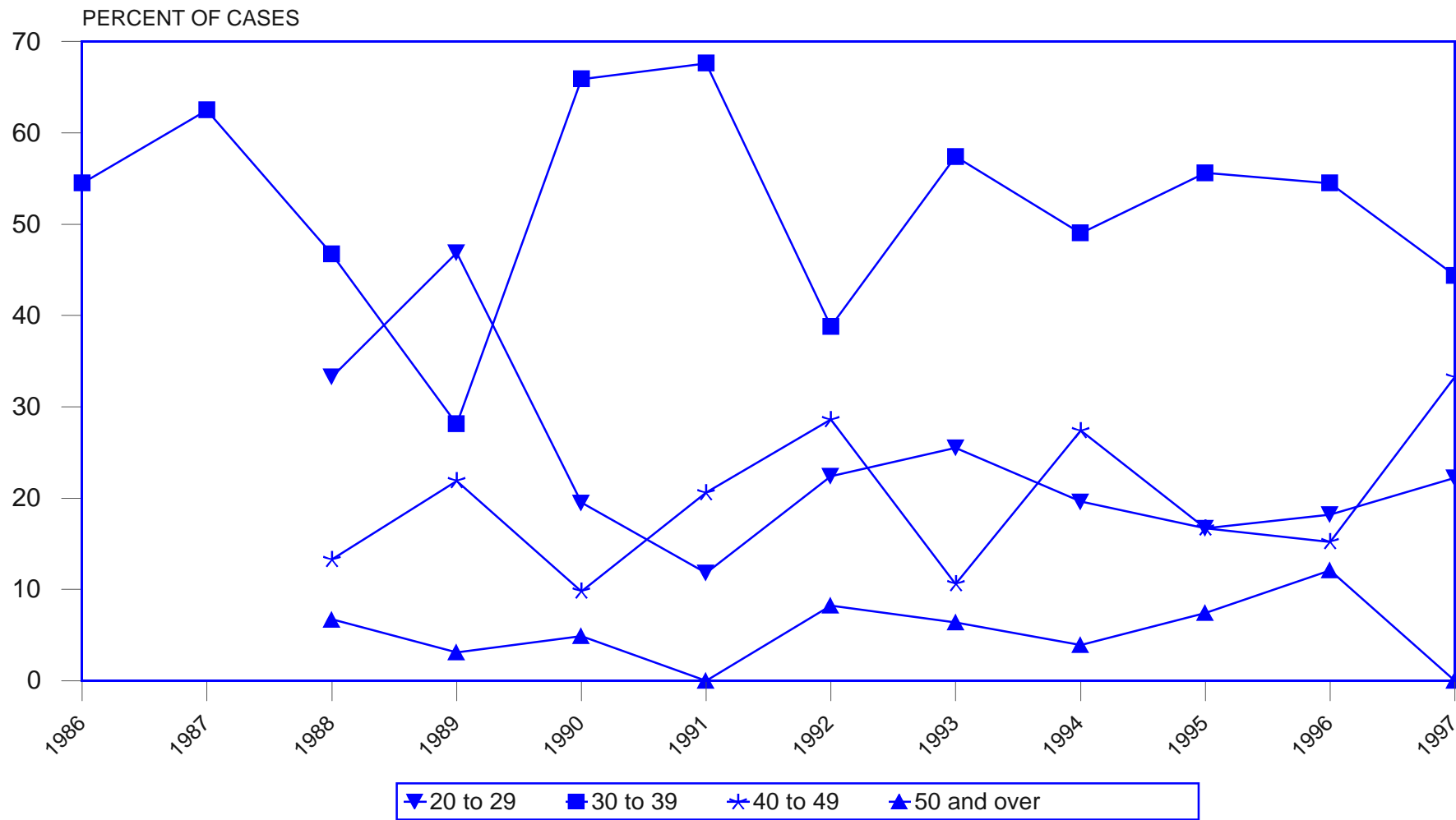
TABLE 6-3

ANNUAL NUMBER OF AIDS CASES AND DEATHS AMONG CALIFORNIA NATIVE AMERICAN FEMALES  
BY YEAR OF DIAGNOSIS AND AGE GROUPS

YEAR	TOTAL CASES DEATHS		AGE GROUPS												
			0 TO 12 CASES DEATHS		13 TO 19 CASES DEATHS		20 TO 29 CASES DEATHS		30 TO 39 CASES DEATHS		40 TO 49 CASES DEATHS		50 AND OVER CASES DEATHS		
1980	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1981	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1982	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1983	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1984	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1985	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1986	0	0	*	*	*	*	*	*	*	*	*	*	*	*	*
1987	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*
1988	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*
1989	2	1	*	*	*	*	*	*	*	*	*	*	*	*	*
1990	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*
1991	5	4	*	*	*	*	*	*	4	*	*	*	*	*	*
1992	9	4	*	*	*	*	*	*	4	*	*	*	*	*	*
1993	6	2	*	*	*	*	*	*	*	*	*	*	*	*	*
1994	7	3	*	*	*	*	*	*	5	*	*	*	*	*	*
1995	9	1	*	*	*	*	*	*	*	*	*	*	*	*	*
1996	6	1	*	*	*	*	*	*	*	*	*	*	*	*	*
1997	1	0	*	*	*	*	*	*	*	*	*	*	*	*	*
TOTAL	49	19	3	1	0	0	11	4	20	8	9	5	6	1	
% OF TOTAL	100.0%	100.0%	6.1%	5.3%	0.0%	0.0%	22.4%	21.1%	40.8%	42.1%	18.4%	26.3%	12.2%	5.3%	

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.  
Diagnosis year includes cases reported before 1980 and diagnosed through 12/97.

Figure 6-1  
 Percent of AIDS Cases Among Native American Males  
 in California by Age Group and Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Note: Total cases = 396. 1981-1985 (30-39 group) and 1981-1987 data excluded due to small numbers.  
 Percentages do not add to 100 due to exclusion of cases under 20 years old.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

## Chapter 7

# A Comparison of AIDS among Racial/Ethnic Groups in California

The numbers of AIDS cases and deaths among racial/ethnic groups within each of the 58 counties of California are displayed in **Table 7-1**. These numbers are cumulative cases diagnosed through December 31, 1997 as reported to the OA through November 30, 1998. Over half of the cases and deaths within the state have occurred in the counties of San Francisco and Los Angeles.

While the majority of cumulative AIDS cases in California have been among whites, a look at the percentage of new annual cases among racial/ethnic groups shows that this may be changing along with the population as a whole (**Table 7-2**). In 1982, 82.9% of AIDS cases in California were among whites; in 1997 it fell below 50% for the first time ever (45.4%). Since 1982, the percentages of AIDS cases from the African American and Asian/PA subgroups have more than doubled (from 9.0% to 23.1% and 1.3% to 2.7%, respectively), while that from the Latino/a subpopulation has more than quadrupled (from 6.8% to 28.4%). The percent of cases from the Native American subpopulation has increased as well. These time trends are evident in **Figure 7-1**.

Further information is gained when comparing the racial/ethnic distribution of California's overall population annually with that of its annual newly diagnosed AIDS population. The population percentages in Table 7-2 are based on projections provided by the California Department of Finance. Until 1996, the percent of new annual AIDS cases among whites exceeded the percent of whites among the state's population, but in 1996 and 1997 the opposite are true. The percent of new annual cases among African Americans has always been higher than the percent of African Americans in

the state, but this disparity has grown dramatically since 1982. The percent of African Americans among cases diagnosed in 1996 (21.5%) was three times the percent of African Americans among California's population (7.0%). Among the Latino/a subpopulation, the trends in the percentages are opposite that among the white subgroup. The percent of AIDS cases from the Asian/PA subpopulation has been much lower than the percent of Asian/PAs in California. The percent of AIDS cases from the Native American subpopulation climbed from 1985 to 1990 and seems currently reflective of the percent of the state's population that is Native American.

The annual incidence of AIDS (cases per 100,000) within California's racial/ethnic subgroups between 1981 and 1996 are shown in **Table 7-3**. The population numbers used in the calculations were projections provided by the California Department of Finance. As with the total number of cases, the incidence peaked in 1992 for all races/ethnicities except Native Americans, which peaked in 1995. The time trends of these annual incidences show a general decrease since 1992, but to varying degrees across racial/ethnic subpopulations (**Figure 7-2**). The most dramatic decrease has been among African Americans, but this was preceded by the most dramatic increase between 1986-1992. During 1986-1992, the incidences among whites and Latinos/as increased steadily; since 1992, both have decreased, but that among Latinos/as at a much lower rate. As a result, the incidence among Latinos/as in 1996 is almost the same as that among whites. The incidence among the Asian/PA subgroup was stable in comparison between 1989 and 1995, but has steadily decreased since 1992.



Incidence among Native Americans was fairly stable during 1992-1995, but did decrease sharply in 1996.

While the rate of new annual cases that are female has been shown to be increasing (see Figure 1-3), this increase has been distributed among racial/ethnic groups in different ways (**Figure 7-3**). The percentage has been rising within all racial/ethnic subgroups. The percent of new annual cases that are female has clearly been the highest for African Americans and lowest among whites, with the Latina and Asian/PA subgroups between them. Since 1992, the rate of increase has been most dramatic among African Americans, and hence the gap that separates this subgroup has widened recently. The percent of female cases among the Asian/PA subpopulation has been erratic, but generally increasing with time.

The percent of new annual cases among males that are reported with G/B contact as the exposure to HIV has been decreasing (see Figure 1-1), but this percentage is distributed differently among California's racial/ethnic groups (**Figure 7-4**). The distribution seems to be in three tiers, with white and Asian/PA males having the highest (and nearly the same) percentage, Latino males the second highest, and African American males the lowest. The rate of decline in the percent of male cases with G/B contact reported as the HIV exposure has been generally the same across these racial/ethnic groups, but may be somewhat smaller among Latino males, who had a steady percentage during 1993-1996. Due to small numbers of cases, the percentage for Native American males has been erratic.

The percent of new annual cases among males that are reported with IDU exposure to HIV has been increasing (see Figure 1-1), and again this percentage varies among racial/ethnic groups (**Figure 7-5**). The distribution is in three tiers that are in the inverse order of

those among males with G/B contact as the HIV exposure (see Figure 7-4). The percent of IDU exposures among white males has been climbing since 1983, while those among African American and Latino males have been steady since 1992. The percent among Latino males increased sharply during 1990-1992, but has been steady during other time periods. The percent among African American males increased sharply during 1986-1992 and is the highest of all racial/ethnic groups by a very large amount.

The percent of new annual cases among females reported with heterosexual exposure to HIV has been climbing (see Figure 1-2), but has done so in differing degrees within racial/ethnic subgroups (**Figure 7-6**). The increase in this percentage was almost continual for white, Latina, and African American females from 1989 to 1995. It has been clearly the lowest among African American females since 1989 and the second lowest for white females since 1992. The percentage among both of these groups has decreased slightly since 1995. Latina females have the highest percent of heterosexual cases of these three subgroups (Asian/PA females have a slightly higher percentage, but were not plotted due to small numbers, particularly in the 1980s). The percent for Latina females increased sharply during 1992-1994, but decreased sharply between 1996 and 1997, where it was nearly the same as for white females.

The trends in the percentages of new annual female cases reported with IDU HIV exposure (Figure 1-2) are also distributed unevenly among racial/ethnic subgroups (**Figure 7-7**). The percentage of IDU cases among Latina females has been the lowest of all subgroups since 1988 and has been decreasing since 1992. African American females had the highest percentage starting in 1985, but this percentage peaked in 1990, decreased continually, and was overtaken by that of white females in 1997. The percent for white females peaked in 1992 but has been fairly steady since then.

**TABLE 7-1**  
**CUMULATIVE NUMBER OF AIDS CASES AND DEATHS AMONG ALL CALIFORNIANS**  
**BY COUNTY AND RACIAL/ETHNIC GROUPS**  
1980-1997

COUNTY	TOTAL		WHITE		BLACK		LATINA/O		ASIAN/PA		AMER.IND		UNKNOWN	
	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
ALAMEDA	5,214	3,311	2,472	1,669	2,136	1,284	453	279	128	67	16	7	9	5
AMADOR	31	18	24	14	*	*	4	*	*	*	*	*	*	*
BUTTE	172	115	157	106	8	5	4	*	*	*	*	*	*	*
CALAVERAS	13	8	12	8	*	*	*	*	*	*	*	*	*	*
COLUSA	12	11	9	8	*	*	*	*	*	*	*	*	*	*
CONTRA COSTA	1,979	1,294	1,158	784	567	345	209	136	36	22	9	7	*	*
DEL NORTE	19	10	8	*	8	5	*	*	*	*	*	*	*	*
EL DORADO	135	87	120	76	*	*	11	8	*	*	*	*	*	*
FRESNO	944	605	479	331	188	108	262	156	10	6	5	4	*	*
GLENN	9	6	8	6	*	*	*	*	*	*	*	*	*	*
HUMBOLDT	170	103	151	95	4	*	5	*	*	*	9	4	*	*
IMPERIAL	97	48	22	9	9	5	64	33	*	*	*	*	*	*
INYO	11	7	10	7	*	*	*	*	*	*	*	*	*	*
KERN	834	410	413	225	193	78	213	99	4	*	10	6	*	*
KINGS	137	53	52	23	39	12	39	18	*	*	4	*	*	*
LAKE	107	58	96	52	7	*	*	*	*	*	*	*	*	*
LASSEN	35	14	15	6	17	7	*	*	*	*	*	*	*	*
LOS ANGELES	37,547	24,277	19,508	13,664	7,277	4,482	9,832	5,587	709	431	97	44	124	69
MADERA	80	45	30	20	25	12	21	11	*	*	*	*	*	*
MARIN	1,344	727	912	564	292	110	121	44	15	8	4	*	*	*
MARIPOSA	11	*	7	*	*	*	*	*	*	*	*	*	*	*
MENDOCINO	155	108	142	98	4	*	6	4	*	*	*	*	*	*
MERCED	117	73	72	44	15	7	29	21	*	*	*	*	*	*
MODOC	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONO	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MONTEREY	680	403	398	266	109	46	149	77	19	11	4	*	*	*
NAPA	179	110	148	97	7	*	20	7	4	*	*	*	*	*
NEVADA	108	61	104	58	*	*	4	*	*	*	*	*	*	*
ORANGE	4,940	2,815	3,515	2,158	219	112	1,099	498	88	38	10	*	9	6
PLACER	125	68	111	62	*	*	9	4	*	*	*	*	*	*
PLUMAS	5	*	*	*	*	*	*	*	*	*	*	*	*	*
RIVERSIDE	3,586	1,888	2,633	1,427	310	140	595	303	27	11	21	7	*	*
SACRAMENTO	2,592	1,645	1,775	1,162	503	298	264	153	31	19	18	13	*	*

COUNTY	TOTAL		WHITE		BLACK		LATINA/O		ASIAN/PA		AMER.IND		UNKNOWN	
	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS	CASES	DEATHS
SAN BENITO	25	13	13	7	*	*	12	6	*	*	*	*	*	*
SAN BERNARDINO	2,416	1,400	1,193	737	570	309	611	337	25	11	17	6	*	*
SAN DIEGO	9,284	5,595	6,354	4,043	1,050	566	1,658	870	172	86	50	30	*	*
SAN FRANCISCO	22,626	15,861	16,980	12,296	2,580	1,611	2,377	1,513	589	374	100	67	*	*
SAN JOAQUIN	630	408	350	243	113	66	146	87	20	11	*	*	*	*
SAN LUIS OBISPO	401	193	225	135	110	36	61	19	*	*	4	*	*	*
SAN MATEO	1,710	1,074	1,110	726	290	173	217	123	89	50	4	*	*	*
SANTA BARBARA	595	420	411	307	61	43	114	64	5	*	4	*	*	*
SANTA CLARA	2,763	1,706	1,745	1,125	269	144	629	363	106	63	14	11	*	*
SANTA CRUZ	435	270	346	220	17	12	57	31	6	*	7	4	*	*
SHASTA	114	85	105	80	*	*	*	*	*	*	*	*	*	*
SIERRA	4	4	4	4	*	*	*	*	*	*	*	*	*	*
SISKIYOU	31	17	26	14	*	*	*	*	*	*	*	*	*	*
SOLANO	999	560	426	270	396	198	138	68	33	21	6	*	*	*
SONOMA	1,521	975	1,388	908	34	16	80	42	8	*	9	5	*	*
STANISLAUS	462	281	338	218	39	17	79	40	5	5	*	*	*	*
SUTTER	49	28	34	24	*	*	11	*	*	*	*	*	*	*
TEHAMA	22	11	19	9	*	*	*	*	*	*	*	*	*	*
TRINITY	11	8	9	7	*	*	*	*	*	*	*	*	*	*
TULARE	201	148	125	91	15	12	57	41	*	*	*	*	*	*
TUOLUMNE	49	32	31	23	7	5	10	*	*	*	*	*	*	*
VENTURA	698	450	431	283	33	21	224	137	10	9	*	*	*	*
YOLO	144	91	105	69	10	7	19	9	4	*	*	*	*	*
YUBA	46	30	35	23	5	*	4	*	*	*	*	*	*	*
UNKNOWN	15	5	11	4	*	*	*	*	*	*	*	*	*	*
Total Cases and Deaths	106,642	68,052	66,381	44,913	17,551	10,310	19,946	11,226	2,157	1,266	445	250	162	87
Percent of Total Cases and Deaths	100.0%	100.0%	62.2%	66.0%	16.5%	15.2%	18.7%	16.5%	2.0%	1.9%	0.4%	0.4%	0.2%	0.1%

Note: Percents may not add to 100% due to rounding. \* Represents cases < 4.  
ASIAN/PA = ASIAN/PACIFIC AMERICAN AMER.IND = AMERICAN INDIAN/ALASKA NATIVE.  
Figures reflect cases reported before 1980 and diagnosed through 12/97.

Source: California Department of Health Services, Office of AIDS. Figures reflect cases reported through : November 30, 1998

**Table 7-2**  
**Percent of Population and AIDS Cases 1981 - 1996**  
**Among All Californians**  
**by Year of Diagnosis and Racial/Ethnic Groups**

Year	Race/Ethnicity									
	White		African-American		Latina/o		Asian/Pacific		Native American	
	Population Percent	AIDS Cases Percent	Population Percent	AIDS Cases Percent	Population Percent	AIDS Cases Percent	Population Percent	AIDS Cases Percent	Population Percent	AIDS Cases Percent
1981	65.9	78.0	7.5	10.2	20.2	11.9	5.8	0.0	0.7	0.0
1982	64.7	82.9	7.4	9.0	21.0	6.8	6.2	1.3	0.7	0.0
1983	63.5	80.5	7.4	9.9	21.7	9.2	6.7	0.3	0.7	0.0
1984	62.4	81.1	7.3	8.4	22.5	9.7	7.1	0.6	0.7	0.0
1985	61.4	77.6	7.3	9.3	23.1	11.3	7.5	1.6	0.6	0.1
1986	60.4	76.0	7.2	10.5	23.8	11.6	7.9	1.5	0.6	0.3
1987	59.5	74.4	7.2	11.8	24.4	11.8	8.3	1.5	0.6	0.2
1988	58.7	70.8	7.1	13.7	24.9	13.9	8.6	1.3	0.6	0.3
1989	57.9	68.8	7.1	13.5	25.5	15.1	8.9	2.1	0.6	0.4
1990	57.2	65.4	7.0	15.2	26.0	16.8	9.2	1.9	0.6	0.5
1991	56.4	64.4	7.0	15.4	26.5	17.9	9.4	1.8	0.6	0.3
1992	55.7	61.2	7.0	17.1	27.0	19.1	9.7	2.1	0.6	0.5
1993	55.0	58.6	7.0	18.1	27.5	20.5	9.9	2.3	0.6	0.4
1994	54.2	55.7	7.0	19.5	27.9	21.6	10.2	2.4	0.6	0.6
1995	53.6	54.4	7.0	19.1	28.4	23.5	10.4	2.2	0.6	0.7
1996	52.9	50.1	7.0	21.5	28.8	25.0	10.7	2.7	0.6	0.5
1997	*	45.4	*	23.1	*	28.4	*	2.7	*	0.4

\* Population Projections for 1997 not yet available.

Note: Percents may not add up to 100% due to rounding.

Source: California Department of Health Services, Office of AIDS, January 1999.

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**Table 7-3**  
**Annual Number and Incidences of AIDS Cases**  
**Among All Californians**  
**by Year of Diagnosis and Racial/Ethnic Groups**

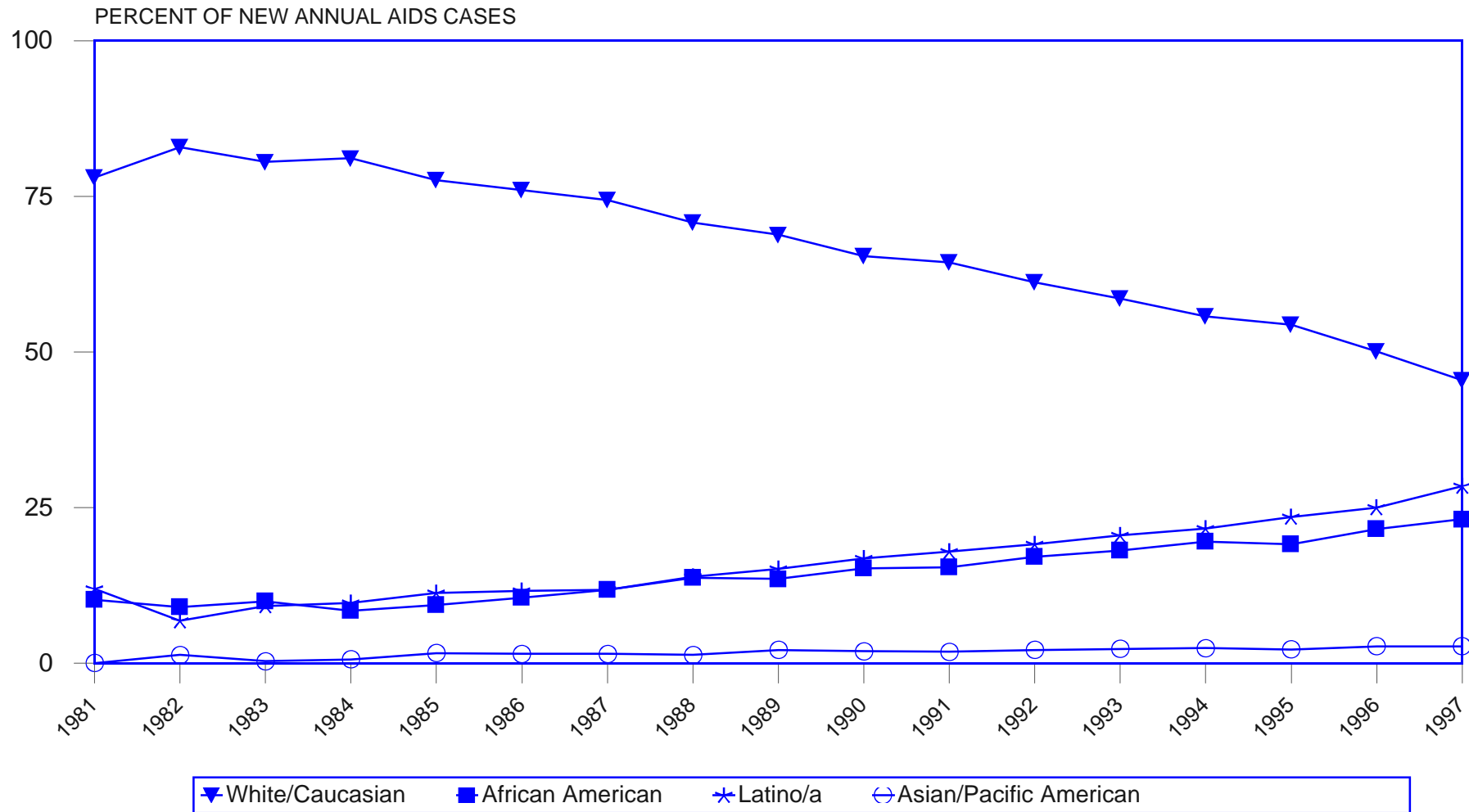
Year	Race/Ethnicity									
	White		African-American		Latina/o		Asian/Pacific		Native American	
	Total Cases	Rate	Total Cases	Rate	Total Cases	Rate	Total Cases	Rate	Total Cases	Rate
1981	46	0.3	6	0.3	7	0.1	0	0.0	0	0.0
1982	194	1.2	21	1.1	16	0.3	3	0.2	0	0.0
1983	570	3.5	70	3.7	65	1.2	2	0.1	0	0.0
1984	1,143	7.1	119	6.3	137	2.4	9	0.5	0	0.0
1985	2,005	12.4	241	12.5	292	4.8	41	2.1	3	1.8
1986	3,094	18.9	427	21.8	472	7.3	60	2.8	11	6.4
1987	4,217	25.5	666	33.4	671	9.9	87	3.8	9	5.1
1988	4,757	28.5	919	45.4	931	13.2	87	3.6	17	9.6
1989	5,610	33.2	1,100	53.4	1,234	16.6	168	6.5	34	18.8
1990	5,905	34.5	1,373	65.2	1,515	19.5	173	6.3	42	22.7
1991	7,245	42.0	1,728	80.5	2,009	24.8	200	6.9	39	20.8
1992	7,758	44.7	2,165	98.7	2,426	28.8	266	8.8	58	30.4
1993	6,991	40.4	2,153	97.2	2,442	28.2	269	8.6	53	27.6
1994	5,745	33.3	2,012	90.1	2,227	25.1	249	7.7	58	30.1
1995	5,078	29.6	1,780	79.1	2,192	24.1	203	6.1	63	32.7
1996	3,607	21.1	1,545	67.9	1,802	19.3	197	5.7	39	20.2

Note: Rates per 100,000 calculated using Department of Finance population data.

Source: California Department of Health Services, Office of AIDS, January 1999.

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Figure 7-1  
 Percent of New Annual AIDS Cases in California  
 within Racial/Ethnic Groups by Year of Diagnosis



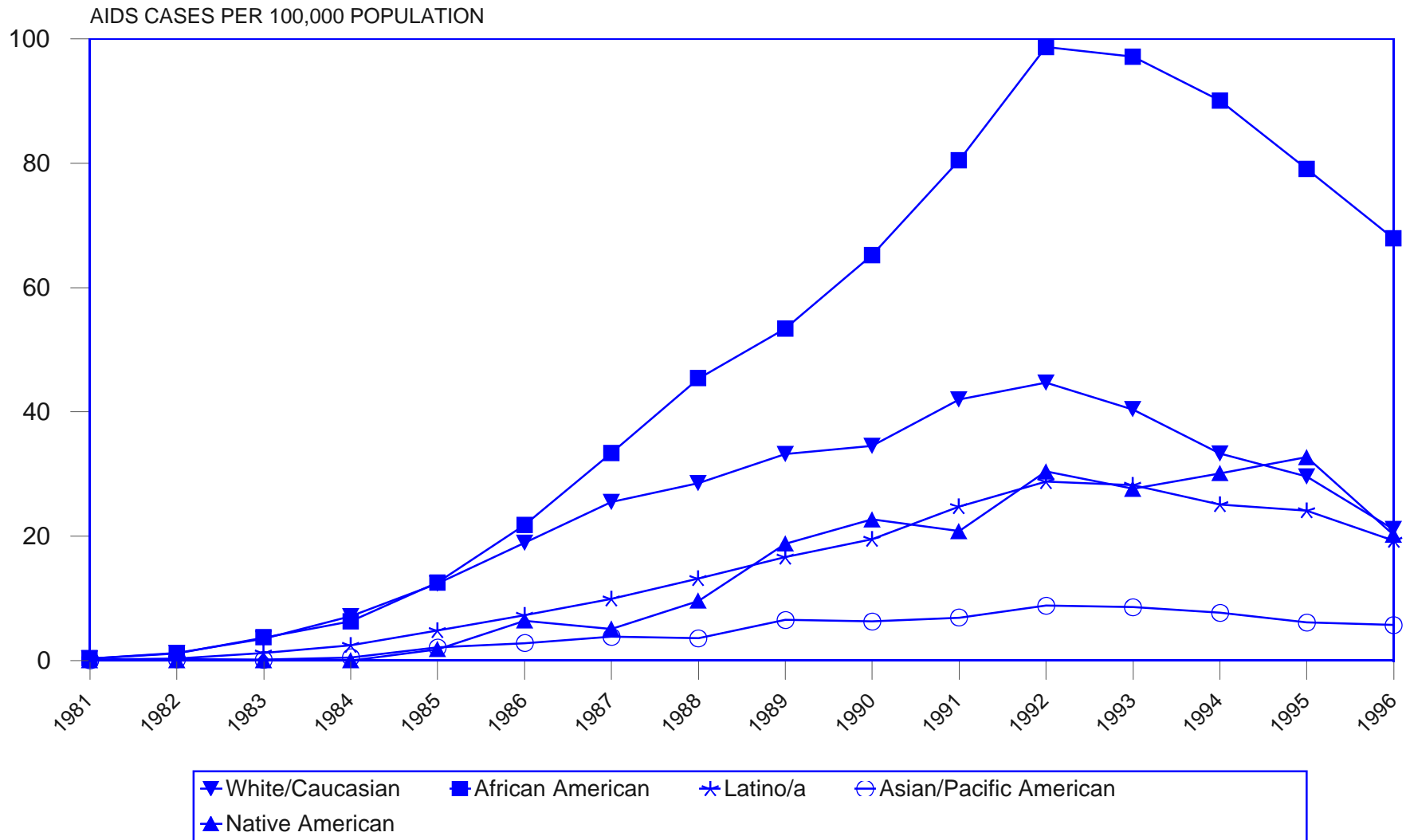
\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Percentages do not add to 100 due to exclusion of Native American and other/unknown subgroups, which had small numbers.

Source: California Department of Health Services, Office of AIDS, November 1998.

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Figure 7-2  
 AIDS Incidence in California for Racial/Ethnic Groups by Year of Diagnosis



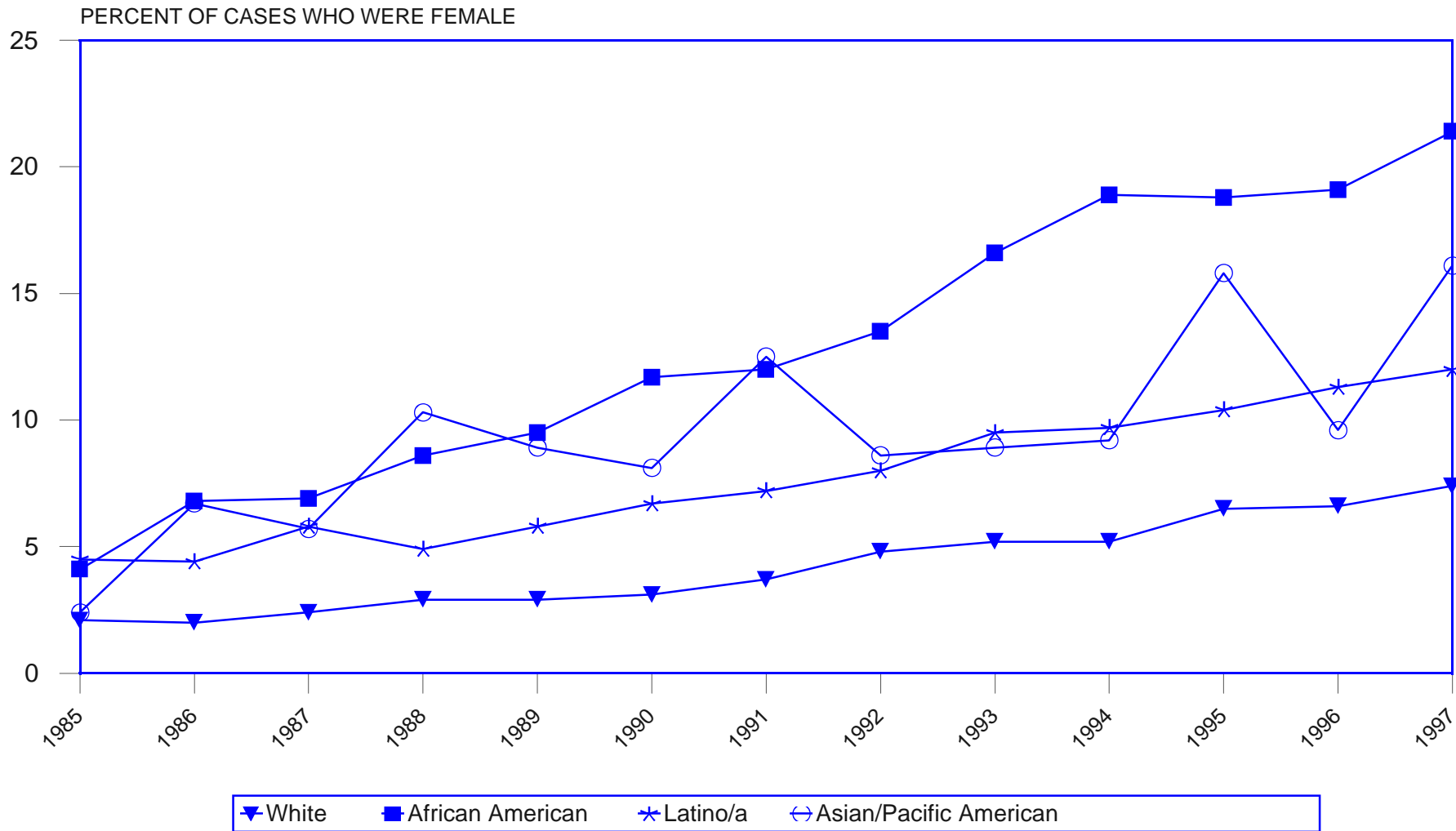
\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.

Rates based on population projections provided by the California Department of Finance. Projections for 1997 are currently unavailable.

Source: California Department of Health Services, Office of AIDS, November 1998.

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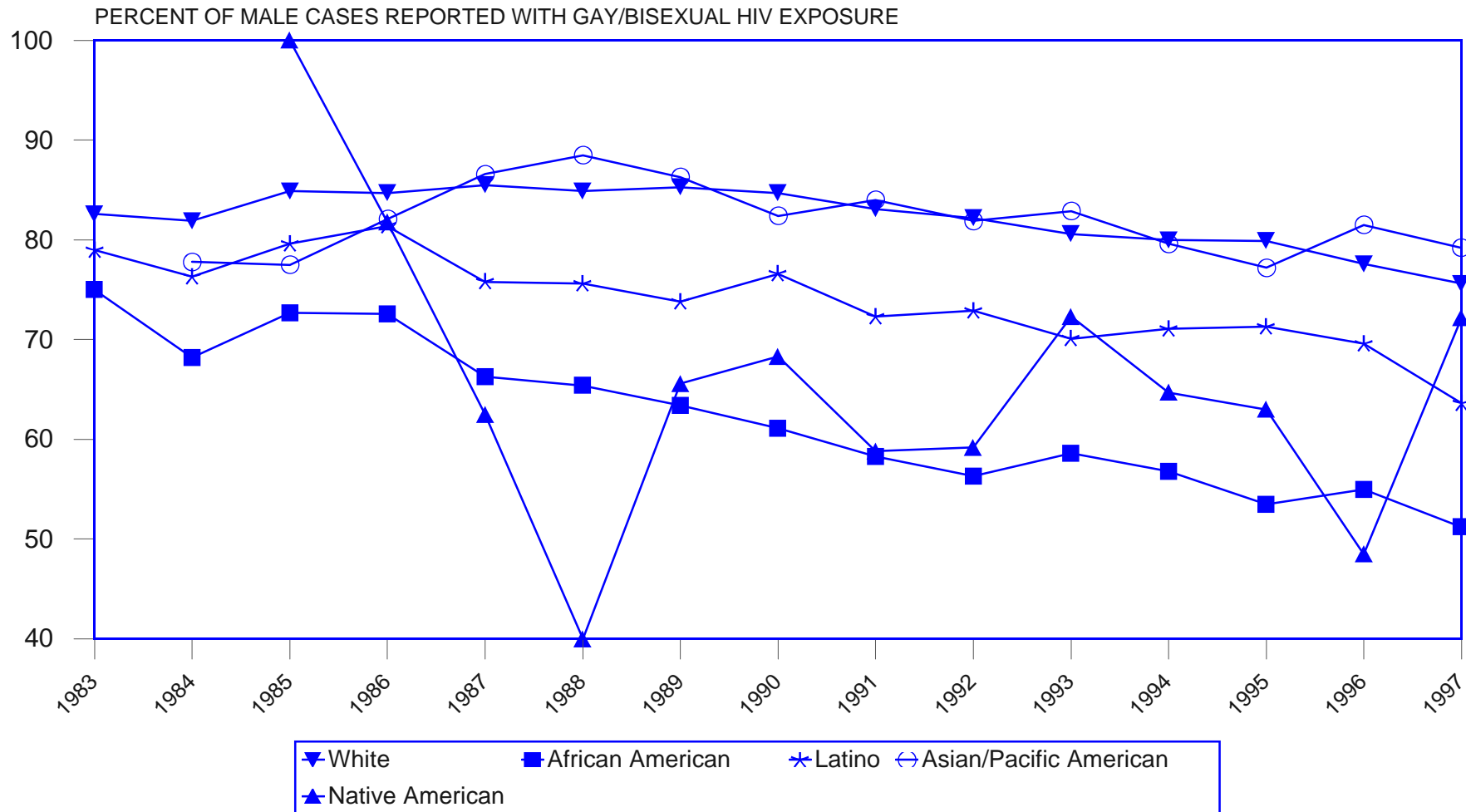
Figure 7-3  
 Percent of Females Among AIDS Cases in California  
 for Racial/Ethnic Groups by Year of Diagnosis



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Percentages among Native Americans not shown due to small numbers.  
 1981-1984 data excluded due to small numbers.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

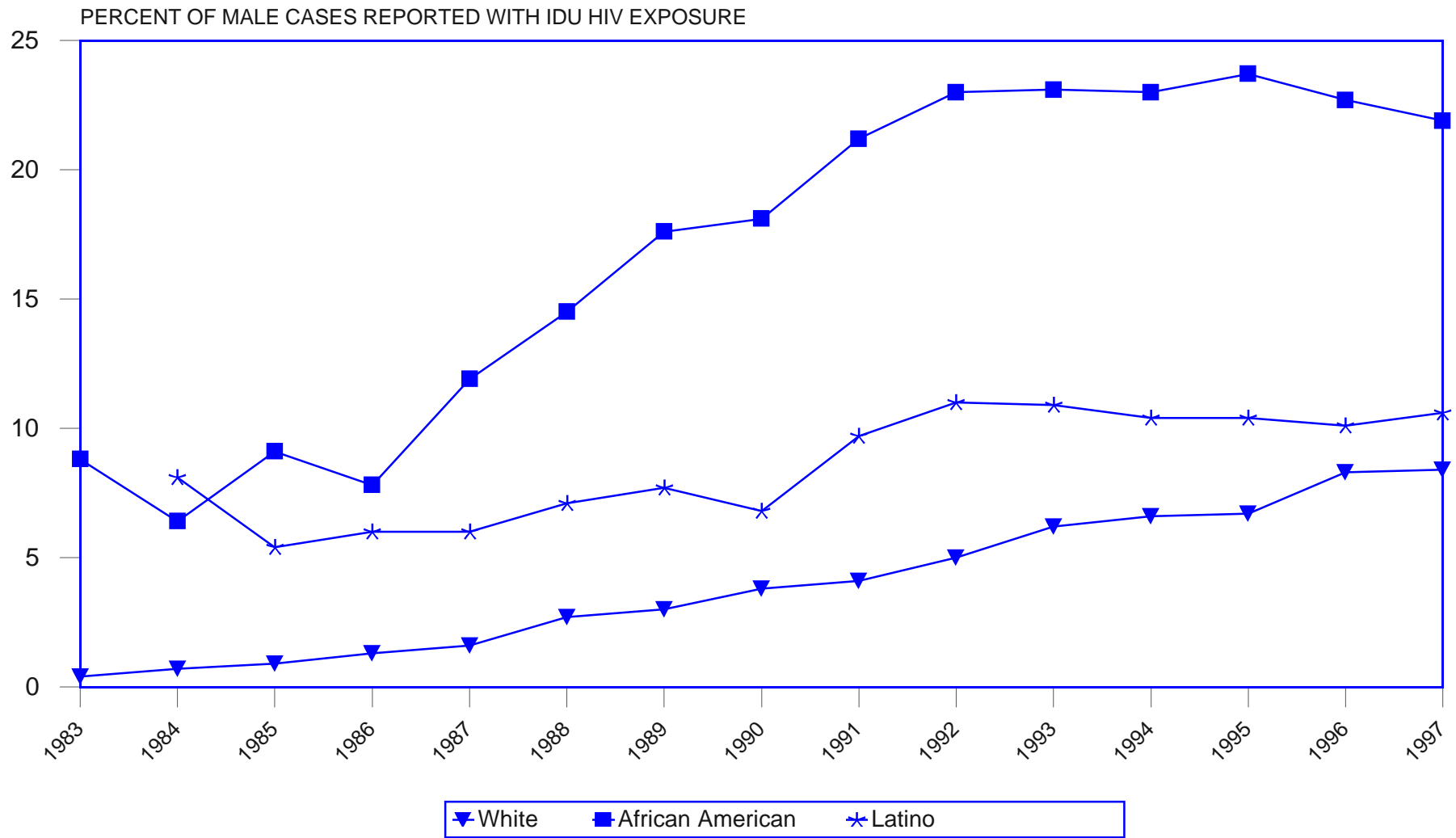


Figure 7-4  
 Percent of Male AIDS Cases in California Reported with Gay/Bisexual  
 Exposure to HIV for Racial/Ethnic Groups by Year of Diagnosis



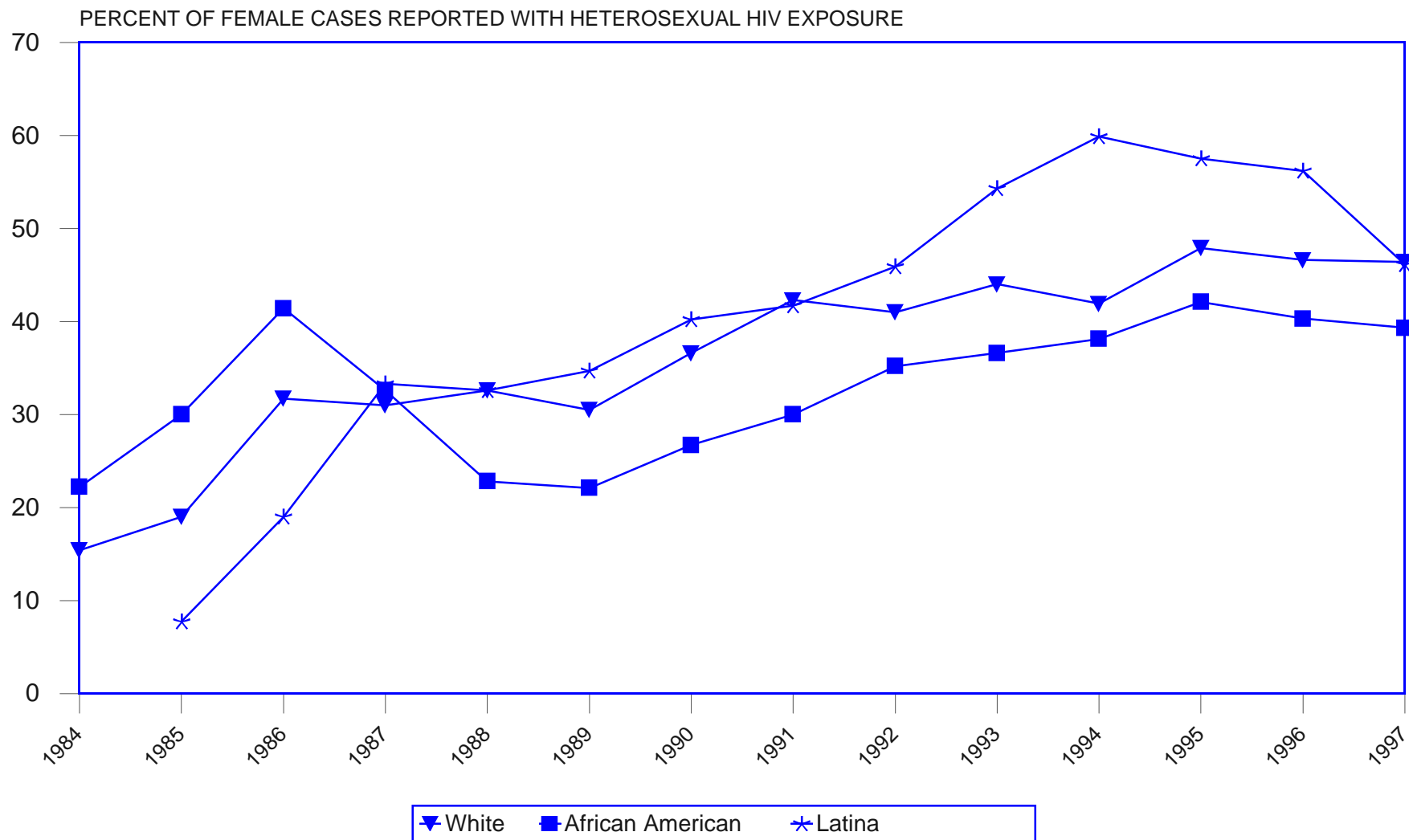
\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Data from 1981-1982 excluded for White, African American, and Latino, 1981-1983 for Asian/Pacific American, and 1981-1984 for Native American due to small numbers.  
 Small numbers of cases among Native American males causes instability in percentage.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

**Figure 7-5**  
**Percent of Male AIDS Cases in California Reported with IDU**  
**Exposure to HIV for Racial/Ethnic Groups by Year of Diagnosis**



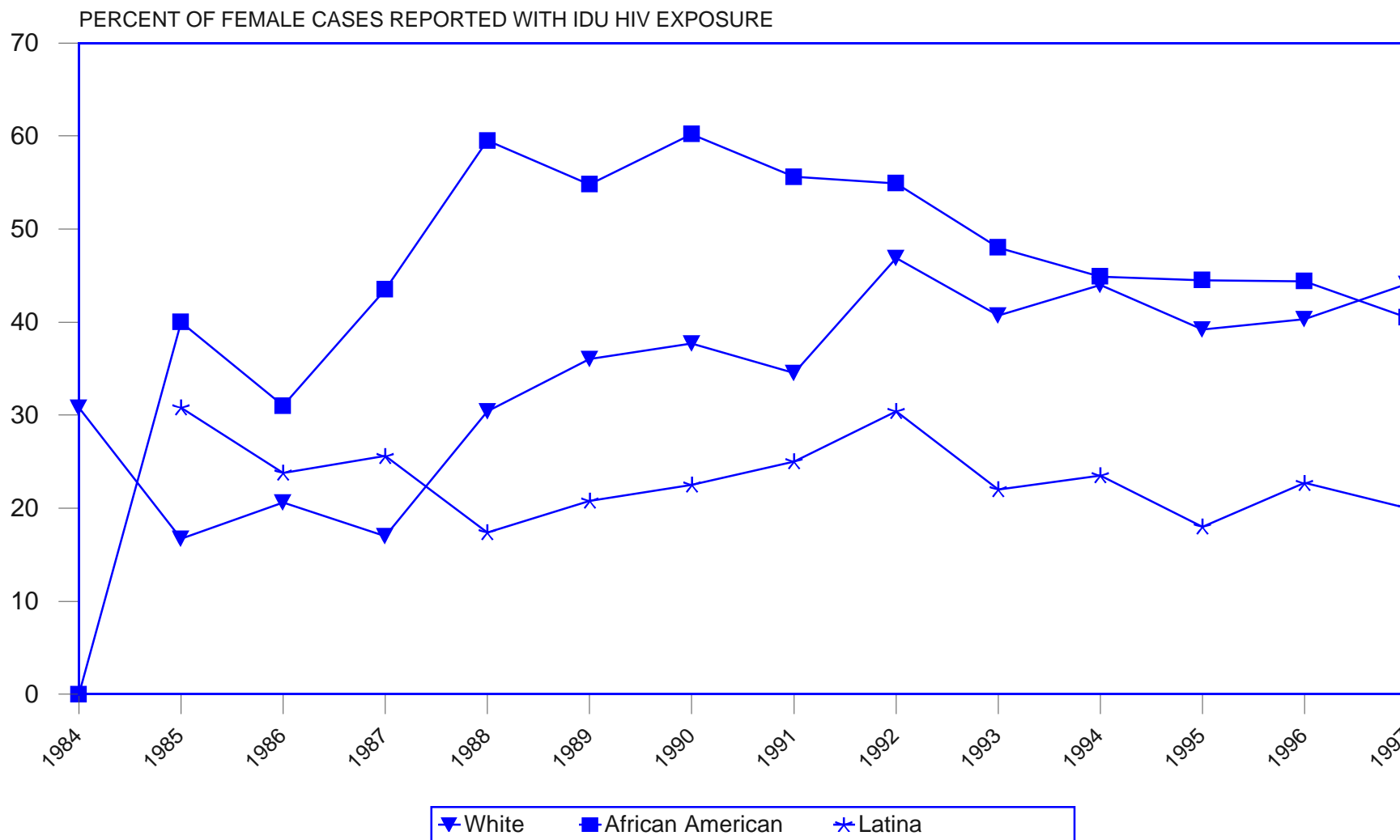
\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Data from 1981-1982 excluded for White and African American and 1981-1983 for Latino due to small numbers.  
 Asian/Pacific American and Native American excluded due to small numbers.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

**Figure 7-6**  
**Percent of Female AIDS Cases in California Reported with Heterosexual**  
**Exposure to HIV for Racial/Ethnic Groups by Year of Diagnosis**



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Data from 1981-1983 excluded for White and African American and 1981-1984 for Latina due to small numbers.  
 Asian/Pacific American and Native American percentages excluded due to small numbers.  
 Source: California Department of Health Services, Office of AIDS, November 1998.

**Figure 7-7**  
**Percent of Female AIDS Cases in California Reported with IDU**  
**Exposure to HIV for Racial/Ethnic Groups by Year of Diagnosis**



\* Figures reflect cases diagnosed through December 31, 1997, as of November 30, 1998.  
 Data from 1981-1983 excluded for White and African American and 1981-1984 for Latina due to small numbers.  
 Asian/Pacific American and Native American percentages excluded due to small numbers.  
 Source: California Department of Health Services, Office of AIDS, November 1998.