HIV/AIDS Surveillance Semi-Annual Report

Hawaii Department of Health **Cases to June 30, 2004**

AIDS Data: As of June 2004, there were 2,876 AIDS cases reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health (DOH). A total of 106 cases have been reported during the past one-year period (July 1, 2003 to June 30, 2004). Of these, 94 (89%) cases were male and 12(11%) cases were female. These cases were diagnosed in Honolulu County (83, 78%), Hawaii County (11, 10%), Maui County (8, 8%), and Kauai County (4, 4%). This semi-annual report contains AIDS demographic data by year (page 2), by county (page 3), and by race/ethnicity (page 4).

HIV data: HIV reporting continues with unnamed test code (UTC). A cumulative total of 758 HIV cases were reported since September 1, 2001. Hawaii is under time pressure to evaluate code-based HIV reporting. If the current code-based system does not meet CDC's standards, name-based reporting will be considered some time in the near future.

AIDS Trend in Hawaii

Figure 1. Number of Hawaii Diagnosed AIDS Cases by Year, As of 2003 (N = 2,867)

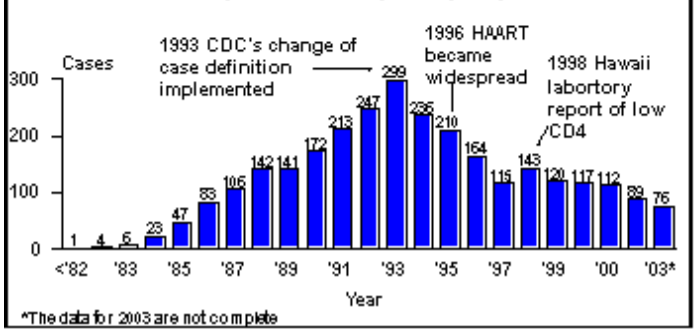
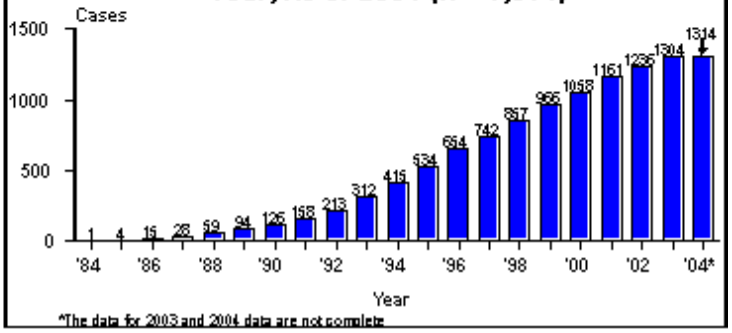


Figure 2. Hawaii Persons living with AIDS by Year, As of 2004 (N = 1,314)



As of December 31, 2003, a cumulative total of 2,867 AIDS cases has been diagnosed in Hawaii. AIDS incidence increased from the beginning of the epidemic to 1993 and declined in recent years (Figure 1). The high peak in 1993 is partly due to the change of CDC's case definition of AIDS to include low CD4 (either CD4+ T lymphocyte counts of less than 200 cells/μL and/or CD4+percentage of less than 14) and three additional opportunistic infections: diagnosis of pulmonary tuberculosis, recurrent pneumonia, and invasive cervical cancer. A slight increase in 1998 was attributed to Hawaii's laboratory reporting requirement of low CD4. In 1996, the use of highly active anti-retroviral therapy (HAART) became widespread. Since then, AIDS diagnoses and persons deceased with AIDS declined; AIDS prevalence has increased (Figure 2). As the diagnosis of AIDS decreased in recent five years (1999-2003), the proportion of male cases has decreased from 91% in 1994-1998 to 88%. The proportion of female cases has increased from 9% to 12% for the same time period (Figure 3). The majority of AIDS cases were diagnosed in men having sex with men (MSM) for both time periods. Figure 4 shows that the proportion of AIDS cases for MSM, injection drug use (IDU) and MSM/IDU has decreased in the recent five-year period. In the same time period, there was a slight increase in the proportion of AIDS cases for heterosexuals (1%). The largest increase in the proportion of AIDS cases in the recent five-year period as compared to the period from 1994 through 1998 is in the category where the risk is not yet identified (13%). These cases are under investigation in order to classify them into specific risk categories. The AIDS trend for race/ethnicity remained the same for both time periods. The majority of cases were diagnosed in Caucasians, followed by other race/ethnic groups. Similarly, the AIDS trend for the four counties remained the same for both time periods — about 70% of the cases were diagnosed in Honolulu County, followed by Hawaii, Maui, and Kauai Counties.

Figure 3. Hawaii AIDS Diagnosis by Gender

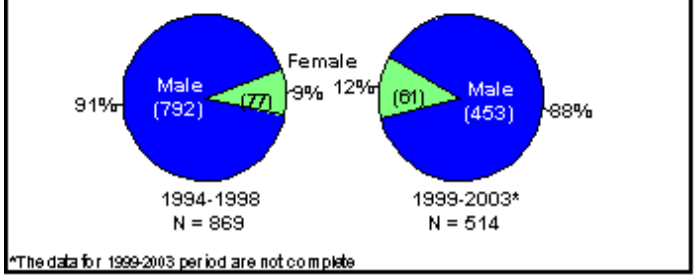
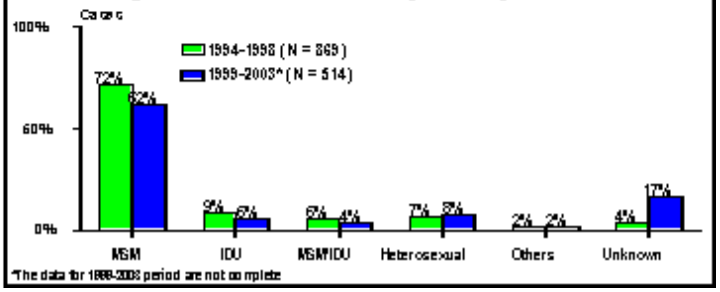


Figure 4. Hawaii AIDS Diagnosis by Risk



Please forward any questions and comments to the HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, Phone: (808) 733-9010, fax: (808) 733-9015. **This report is available at the web site: *http://www.hawaii.gov/health***

Hawaii AIDS Cases by Year, Reported through June 30, 2004

Year of Report	1983-1998	1999	2000	2001	2002	2003	2004	TOTAL
Cases by Year of Report	2,241	102	109	129	135	112	48	2,876
Rate per 100,000 Population [1]	N/A	8.4	8.9	10.5	10.7	9.0	N/A	N/A

	Demographics/Risk	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
SEX	**Male**	2,104 (94)	94 (92)	94 (86)	114 (88)	122 (90)	95 (85)	45 (94)	2,668 (93)
	Female	137 (6)	8 (8)	15 (14)	15 (12)	13 (10)	17 (15)	3 (6)	208 (7)
AGE	**<13**	15 (<1)	0 (0)	1 (<1)	0 (0)	0 (0)	1 (<1)	0 (0)	17 (<1)
	13-19	7 (<1)	0 (0)	1 (<1)	0 (0)	0 (0)	1 (<1)	0 (0)	9 (<1)
	20-29	301 (13)	5 (5)	8 (7)	11 (9)	14 (10)	9 (8)	1 (2)	349 (12)
	30-39	999 (45)	43 (42)	36 (33)	55 (43)	50 (37)	44 (39)	20 (42)	1,247 (43)
	40-49	668 (30)	39 (38)	42 (39)	38 (29)	46 (34)	37 (33)	14 (29)	884 (31)
	>49	251 (11)	15 (15)	21 (19)	25 (19)	25 (19)	20 (18)	13 (27)	370 (13)
NEW RACE	**Non-Hispanic**								
	Caucasians	1,429 (64)	63 (62)	61 (56)	80 (62)	75 (56)	50 (45)	27 (56)	1,785 (62)
	***Legacy Asians/Hawaiians/PI**	591 (26)	27 (26)	38 (35)	34 (26)	42 (31)	- -	- -	732 (26)
	***Asians**	- -	- -	- -	- -	- -	23 (21)	6 (13)	29 (1)
	***Hawaiians/PI**	- -	- -	- -	- -	- -	18 (16)	3 (6)	21 (<1)
	African-Americans	94 (4)	7 (7)	4 (4)	3 (2)	8 (6)	9 (8)	5 (10)	130 (5)
	American Indians/Alaskans	11 (<1)	0 (0)	0 (0)	1 (<1)	0 (0)	0 (0)	1 (2)	13 (<1)
	Multiple Race	1 (<1)	0 (0)	1 (<1)	2 (2)	1 (<1)	6 (5)	1 (2)	12 (<1)
	Hispanics	115 (5)	5 (5)	5 (5)	9 (7)	9 (7)	6 (5)	5 (10)	154 (5)

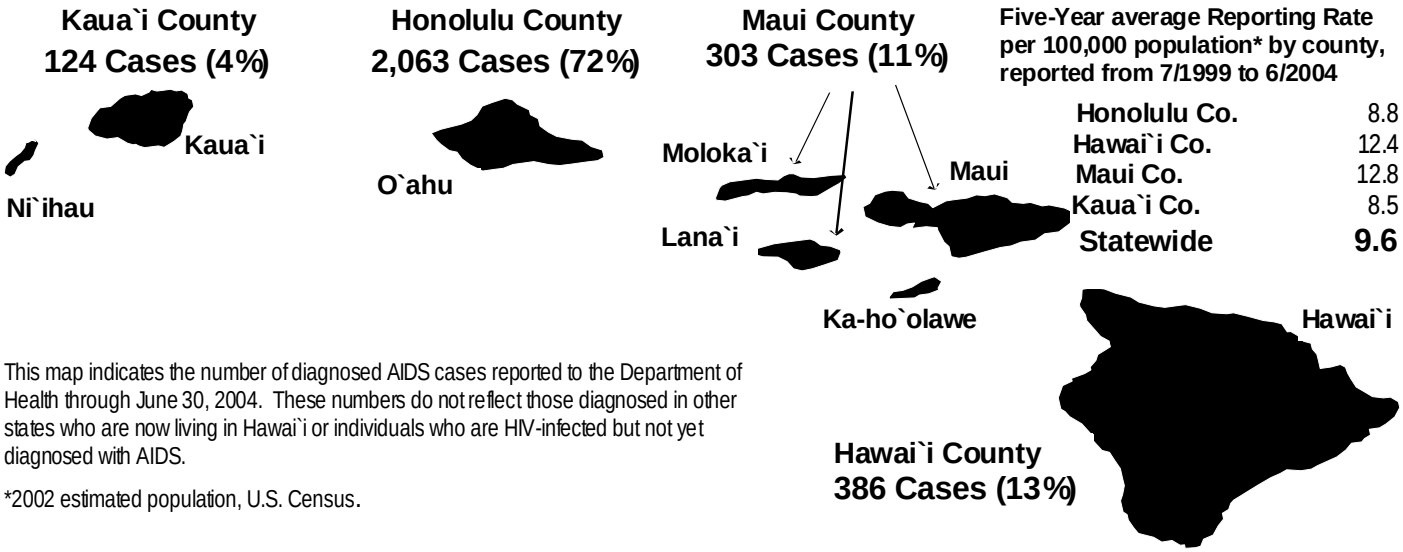
*From January 2003, the CDC's guidelines for new race/ethnicity of 1997 OMB standard has been implemented in Hawaii. The original Asian Pacific Islanders race group is now non-Hispanic Legacy Asians/Pacific Islanders, non-Hispanic Hawaiians/Pacific Islanders, and non-Hispanic Asians group.

RISK	**Male to Male Sex (MSM)**	1,723 (77)	70 (69)	68 (62)	86 (67)	89 (66)	61 (54)	36 (75)	2,133 (74)
	Injection Drug Use (IDU)	160 (7)	6 (6)	8 (7)	10 (8)	10 (7)	4 (4)	4 (8)	202 (7)
	MSM & IDU	161 (7)	8 (8)	5 (5)	2 (2)	6 (4)	5 (4)	1 (2)	188 (7)
	Female Heterosexual	72 (3)	3 (3)	8 (7)	6 (5)	4 (3)	8 (7)	1 (2)	102 (4)
	Male Heterosexual	33 (1)	5 (5)	3 (3)	4 (3)	2 (2)	3 (3)	2 (4)	52 (2)
	Transfusion	23 (1)	1 (1)	0 (0)	0 (0)	2 (2)	3 (3)	0 (0)	29 (1)
	Perinatal	12 (<1)	0 (0)	1 (<1)	0 (0)	0 (0)	1 (<1)	0 (0)	14 (<1)
	Hemophiliac	19 (1)	0 (0)	0 (0)	1 (<1)	0 (0)	0 (0)	0 (0)	20 (<1)
	Undetermined	38 (2)	9 (9)	16 (15)	20 (16)	22 (16)	27 (24)	4 (8)	136 (5)

[1] Each year's estimated population from the State of Hawaii Data Book 2002, *http://www2.hawaii.gov/dbedt/index.cfm?section=READ_Databook445*

County Report

Cumulative AIDS Cases (1983 – June 30, 2004)



Five-Year average Reporting Rate per 100,000 population* by county, reported from 7/1999 to 6/2004

Honolulu Co.	8.8
Hawai`i Co.	12.4
Maui Co.	12.8
Kaua`i Co.	8.5
Statewide	**9.6**

This map indicates the number of diagnosed AIDS cases reported to the Department of Health through June 30, 2004. These numbers do not reflect those diagnosed in other states who are now living in Hawai`i or individuals who are HIV-infected but not yet diagnosed with AIDS.

*2002 estimated population, U.S. Census.

Cumulative Hawai`i AIDS cases reported from 1983 to June 30, 2004	2,876	Known Deaths	1,559 (54%)

AIDS Cases by County: Five-year (July 1, 1999 - June 30, 2004) and Cumulative Total (1983 – June 2004)

County		Honolulu Co.				Hawai`i Co.				Maui Co.				Kaua`i Co				Statewide			
		5-Year		Cum. Total		5-Year		Cum. Total		5-Year		Cum. Total		5-Year		Cum. Total		5-Year		Cum. Total	
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%).	No.	(%)	No.	(%)	No.	(%)
SEX	Male	343	(88)	1,922	(93)	75	(82)	345	(89)	79	(92)	286	(94)	23	(88)	115	(93)	520	(88)	2,668	(93)
	Female	45	(12)	141	(7)	16	(18)	41	(11)	7	(8)	17	(6)	3	(12)	9	(7)	71	(12)	208	(7)
RISK	Male to Male Sex	251	(65)	1,551	(75)	52	(57)	257	(67)	61	(71)	231	(76)	16	(62)	94	(76)	380	(64)	2,133	(74)
	Injection Drug Use	26	(7)	137	(7)	8	(9)	40	(10)	6	(7)	16	(5)	2	(8)	9	(7)	42	(7)	202	(7)
	Male/Male Sex & IDU	13	(3)	128	(6)	3	(3)	30	(8)	3	(3)	26	(9)	1	(4)	4	(3)	20	(3)	188	(7)
	Heterosexual Contact	27	(7)	99	(5)	13	(14)	32	(8)	6	(7)	14	(5)	3	(12)	9	(7)	49	(8)	154	(5)
	Transfusion	5	(1)	23	(1)	0	(0)	3	(<1)	1	(1)	1	(<1)	0	(0)	2	(2)	6	(1)	29	(1)
	Perinatal	2	(<1)	12	(<1)	0	(0)	2	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)	14	(<1)
	Hemophiliac	1	(<1)	14	(<1)	0	(0)	4	(1)	0	(0)	2	(<1)	0	(0)	0	(0)	1	(<1)	20	(<1)
	Undetermined	63	(16)	99	(5)	15	(16)	18	(5)	9	(10)	13	(4)	4	(15)	6	(5)	91	(15)	136	(5)
Total Cases		388	(100)	2,063	100	91	(100)	386	(100)	86	100	303	(100)	26	(100)	124	(100)	591	(100)	2,876	(100)

July 1999—June 2004 N (%)	388 (66)	91 (15)	86 (15)	26 (4)	591 (100)
Cumulative cases and (%)	2,063 (72)	386 (13)	303 (11)	124 (4)	2,876 (100)
Estimated Population 2002 N (%)	881,927 (72)	146,988 (12)	134,739 (11)	61,245 (5)	1,224,898 (100)

AIDS Cases by Race/Ethnicity

Five - Year Reported Data (From July 1, 1999 to June 30, 2004)

Race/Ethnicity	Caucasian		African American		Hispanic		Hawaiian/ Pt. Haw.		Filipino		Chinese		Japanese		Other A/PI		Multiple Race*		Total** Cases	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
5 Year Cases (%)	330	(56)	33	(6)	37	(6)	64	(11)	49	(8)	14	(2)	29	(5)	22	(4)	11	(2)	591	(100)
Cumulative Cases (%)	1,785	(62)	130	(5)	154	(5)	297	(10)	164	(6)	62	(2)	134	(5)	126	(4)	12	(<1)	2,876	(100)
SEX																				
Male	304	(92)	24	(73)	33	(89)	54	(84)	43	(88)	14	(100)	27	(93)	19	(86)	8	(73)	528	(89)
Female	26	(8)	9	(27)	4	(11)	10	(16)	6	(12)	0	(0)	2	(7)	3	(14)	3	(27)	63	(11)
RISK																				
Male to Male Sex	228	(69)	14	(42)	25	(68)	43	(67)	31	(63)	7	(50)	16	(55)	11	(50)	7	(64)	382	(65)
Injection Drug Use	19	(6)	6	(18)	4	(11)	5	(8)	0	(0)	3	(21)	1	(3)	1	(5)	2	(18)	43	(7)
Male/Male Sex & IDU	12	(4)	1	(3)	1	(3)	2	(3)	2	(4)	0	(0)	1	(3)	0	(0)	0	(0)	19	(3)
Female Heterosexual	10	(3)	1	(3)	0	(0)	5	(8)	1	(2)	0	(0)	1	(3)	1	(5)	0	(0)	19	(3)
Male Heterosexual	13	(4)	2	(6)	2	(5)	2	(3)	4	(8)	1	(7)	0	(0)	1	(5)	1	(9)	26	(4)
Transfusion	1	(<1)	0	(0)	1	(3)	1	(2)	2	(4)	0	(0)	2	(7)	1	(5)	0	(0)	8	(1)
Perinatal	1	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0	0	(0)	0	(0)	0	(0)	1	(<1)
Hemophiliac	1	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(<1)
Undetermined	45	(14)	9	(27)	4	(11)	6	(9)	9	(18)	3	(21)	8	(28)	7	(32)	1	(9)	92	(16)
5-Year Total cases	**330**	**(100)**	**33**	**(100)**	**37**	**(100)**	**64**	**(100)**	**49**	**(100)**	**14**	**(100)**	**29**	**(100)**	**22**	**(100)**	**11**	**(100)**	**591**	**(100)**
5-year average reporting rate per 100,000†	**17.0**		**40.9**		**6.8**		**13.7**		**5.3**		**7.1**		**3.5**		**3.2**		**2.3**		**9.2**	

*Data collection of multiple race since 2003. **Total 591 cases for five years includes two male American Indian AIDS cases with IDU risk behavior. Cumulative 2,876 cases include 12 American Indians: 11 males and 1 female with risk factors of 1 IDU, 3 MSM/IDU, and 1 female heterosexual case.
†2000 U.S. Census figures from the State of Hawaii Data Book 2001 were used to calculate reporting rates, *http://www.hawaii.gov/dbedt/db01/sec01.html*

Reporting Requirements: AIDS case reporting is required by Hawai`i Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 cells/μL and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidentiality in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.
Questions regarding AIDS and HIV reporting forms, reporting requirements, or this report may be directed to the HIV/AIDS Surveillance Program at (808) 733-9010 (Tel), (808) 733-9015 (fax) or pbortha@lava.net (e-mail).

HIV/AIDS Surveillance Semi-Annual Report

Hawai`i Department of Health **Cases to December 31, 2004**

HIV/AIDS in Hawaii: The Facts

Reported Cumulative AIDS Cases as of December 31, 2004 (2,779 cases)

By Gender: 92% were men and 8% women.

By Risk Factor: 73% were exposed through male-to-male sexual contact (MSM), 7% through injection drug use (IDU), 7% through MSM/IDU, 6% through heterosexual contact and 4% of cases were of undetermined risk.

By Race/Ethnicity: 61% were Caucasians, 11% Hawaiians, 6% Hispanics, 5% African-Americans, and 17% Asians other Pacific Islanders (excluding Hawaiians).

By Age at diagnosed: 86% were ages 20-49, 13% ages 50 and over, 0.6% pediatric and 0.3% ages 13-19.

By County: 73% diagnosed in Honolulu County, 13% in Hawaii County, 10% in Maui County, and 4% in Kauai County.

Reported AIDS Cases for 5 years—between 2000 and 2004 (594 cases)

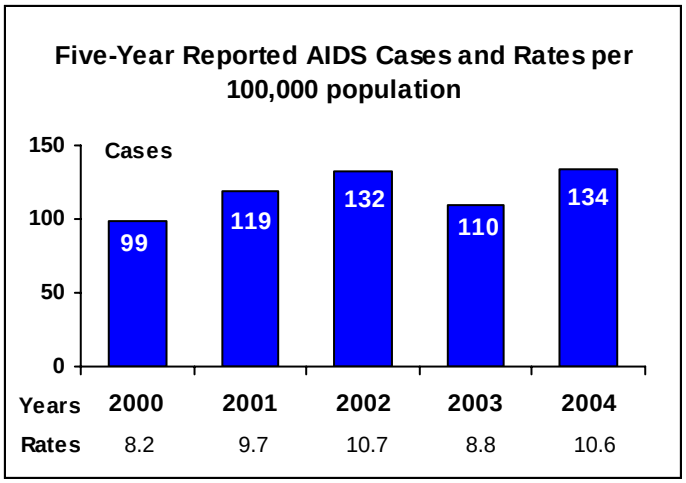
By Gender: 88% were men and 12% women.

By Risk Factor: 64% were exposed through MSM, 25% through IDU, 6% through MSM/IDU, 8% through heterosexual contact, and 14% were of undetermined risk.

By Race/Ethnicity: 53% were Caucasians, 12% Hawaiians, 8% Hispanics, 5%African-Americans, and 19% Asians and other Pacific Islanders (excluding Hawaiians).

By Age: 80% were between the ages of 20 and 49.

By County: 70% diagnosed in Honolulu County, 14% in Hawaii County, 13% in Maui County, and 4% in Kauai County.



People living with AIDS at the end of 2004 (1,293 cases)

By Gender: 1,164 (90%) are men and 129 (10%) women.

By Risk Factor: 886 (69%) were exposed through MSM, 103 (8%) through IDU, 100 (8%) through MSM/IDU, and 98 (8) through heterosexual contact.

By Race/Ethnicity: 764 (59%) are Caucasians, 125 (10%) Hawaiians, 97 (8%) Hispanics, 72 (6%) African-Americans, 218 (17%) Asian and other Pacific Islanders (excluding Hawaiians) and 16 (1%) others.

By Current Age: 836 (65%) are ages 20-49 as of December 31, 2004, 451 (35%) ages 50 and over.

By County: 894 (61%) diagnosed in Honolulu County, 195 (15%) in Hawaii County, 162 (13%) in Maui County, and 42 (3%) in Kauai County.

Reported Cumulative HIV Cases (729 cases)

Excluding 97 HIV cases that progressed to AIDS, a cumulative total of 729 HIV (non-AIDS) cases have been reported as of December 31, 2004. Due to a pending evaluation, additional information is not available at this time.

Note:

CDC initiated the Interstate Duplication Evaluation Project in 2002 and it was completed in October 2004. As a result, the number of Hawaii's cumulative diagnosed AIDS cases was reduced, as was the overall national number and the numbers in all other states. This de-duplication resulted in more accurate state and national AIDS case counts by lessening the chance that a person could be counted more than once by different states.

Hawai'i AIDS Cases, Reported through December 31, 2004

Year of Report	1983-1998	1999	2000	2001	2002	2003	2004	TOTAL
Cases by Year of Report	2,091	94	99	119	132	110	134	2,779
Rate per 100,000 Population *	N/A	7.8	8.2	9.7	10.7	8.8	10.6	N/A

	Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
SEX	Male	1,959	(94)	86	(91)	84	(85)	104	(87)	118	(89)	93	(85)	123	(92)	2,567	(92)
	Female	132	(6)	8	(9)	15	(15)	15	(13)	14	(11)	17	(15)	11	(8)	212	(8)
AGE	<13	15	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	17	(1)
	13-19	7	(<1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	9	(<1)
	20-29	286	(14)	5	(5)	7	(7)	11	(9)	13	(10)	9	(8)	13	(10)	344	(12)
	30-39	923	(44)	37	(39)	33	(33)	47	(39)	50	(38)	43	(39)	48	(36)	1,181	(42)
	40-49	619	(30)	38	(40)	39	(39)	37	(31)	44	(33)	36	(33)	44	(33)	857	(31)
	>49	241	(12)	14	(15)	18	(18)	24	(20)	25	(19)	20	(18)	29	(22)	371	(13)
RACE	Non-Hispanic																
	Caucasian	1,317	(63)	57	(61)	52	(53)	70	(59)	72	(55)	50	(45)	68	(51)	1,686	(61)
	Asian/Hawaiian/PI	569	(27)	26	(28)	38	(38)	34	(29)	43	(33)	39	(35)	34	(25)	783	(28)
	African-American	89	(4)	6	(6)	3	(3)	3	(3)	8	(6)	9	(8)	9	(7)	127	(5)
	American Indian/Alaskan	9	(<1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	2	(1)	12	(<1)
	Multiple Race	1	(<1)	-	-	1	(1)	2	(2)	1	(1)	6	(5)	4	(3)	15	(1)
	Hispanic	106	(5)	5	(5)	5	(5)	9	(8)	8	(6)	6	(5)	17	(13)	156	(6)

Beginning 2003, the new category for race/ethnicity, which follows the 1997 OMB standard from CDC's guideline, has been adopted in Hawaii. Due to the new category adoption, race/ethnicity information collected and compiled in this report are under two systems.

RISK	Male to Male Sex	1,597	(76)	65	(69)	60	(61)	82	(69)	86	(65)	64	(58)	87	(65)	2,041	(73)
	Injection Drug Use	148	(7)	6	(6)	8	(8)	10	(8)	10	(8)	4	(4)	10	(7)	196	(7)
	Male/Male Sex & IDU	152	(7)	9	(10)	5	(5)	2	(2)	10	(8)	5	(5)	11	(8)	194	(7)
	Female Heterosexual	70	(3)	3	(3)	8	(8)	7	(6)	5	(4)	9	(8)	3	(2)	105	(4)
	Male Heterosexual	33	(2)	5	(5)	2	(2)	5	(4)	2	(2)	4	(4)	4	(3)	55	(2)
	Transfusion	23	(1)	1	(1)	0	(0)	0	(0)	2	(2)	3	(3)	1	(1)	30	(1)
	Perinatal	12	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	14	(1)
	Hemophiliac	19	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	20	(1)
	Undetermined	37	(2)	5	(5)	15	(15)	12	(10)	17	(13)	20	(18)	18	(13)	124	(4)

* Population Source: NST-EST2004-01, Population Division, U.S. Census Bureau, December 22, 2004

HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Room 306. Honolulu, Hawaii 96816. Phone: (808) 733-9010. Fax:(808)733-9015
http://www.hawaii.gov/health/family-child-health/contagious-disease/healthy-lifestyles/std-aids/aids_rep/index.html

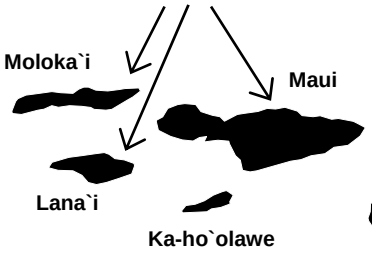
County Report

Cumulative Cases (1983 – December 31, 2004)

Kaua`i County
106 cases (4%)

Honolulu County
2,033 Cases (72%)

Maui County
281 Cases (10%)



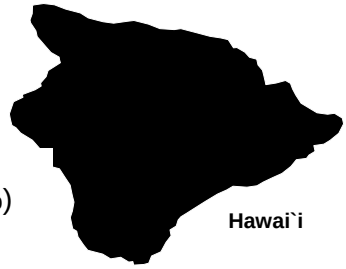
AIDS Cases and Annual Rates per 100,000 Population by County, Reported during 2004

County	No.	(%)	Rate*
Honolulu	*114*	*(85)*	*12.7*
Hawai`i	*16*	*(10)*	*10.3*
Maui	*4*	*(3)*	*3.0*
Kaua`i	*0*	*(0)*	*NA .*
Statewide	*134*	*(100)*	*10.6*

This map indicates the number of diagnosed AIDS cases reported to the Department of Health through December 31, 2004. These numbers do not reflect those diagnosed in other states who are now living in Hawai`i or individuals who are HIV-infected but not yet diagnosed with AIDS.

**Population from The State of Hawaii Data Book 2002, http:// www.hawaii.gov./dbedt/ db02/01/010602.xls.*

Hawai`i County
359 Cases (13%)



Cumulative Hawai`i AIDS cases reported 1983 to December 31, 2004	2,779	Known Deaths	1,485 (53%)

AIDS Cases by County: Five-year (1999 - 2004) and Cumulative Total (1983 – December 31, 2004)

County		Honolulu Co. 5-Year		Honolulu Co. Cum. Total		Hawai`i Co. 5-Year		Hawai`i Co. Cum. Total		Maui Co. 5-Year		Maui Co. Cum. Total		Kaua`i Co 5-Year		Kaua`i Co Cum. Total		Statewide 5-Year		Statewide Cum. Total	
		No.	(%)	N	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	N	(%).	N	(%)	No.	(%)	No.	(%)
SEX	Male	365	(88)	1,886	(93)	68	(84)	321	(89)	69	(91)	263	(94)	20	(87)	97	(92)	522	(88)	2,567	(92)
	Female	49	(12)	147	(7)	13	(16)	38	(11)	7	(9)	18	(6)	3	(13)	9	(8)	72	(12)	212	(8)
RISK	Male to Male Sex	264	(64)	1,513	(74)	48	(59)	239	(67)	54	(71)	212	(75)	13	(57)	77	(73)	379	(64)	2,041	(73)
	Injection Drug Use	28	(7)	133	(7)	8	(10)	39	(11)	4	(5)	16	(6)	2	(9)	8	(8)	42	(7)	196	(7)
	Male/Male Sex & IDU	25	(6)	135	(7)	4	(5)	30	(8)	3	(4)	25	(9)	1	(4)	4	(4)	33	(6)	194	(7)
	Heterosexual Contact	30	(7)	108	(5)	10	(12)	28	(8)	5	(7)	14	(5)	4	(17)	10	(9)	49	(8)	160	(6)
	Transfusion	4	(1)	23	(1)	0	(0)	3	(1)	2	(3)	2	(1)	0	(0)	2	(2)	6	(1)	30	(1)
	Perinatal	2	(<1)	12	(1)	0	(0)	2	(1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)	14	(1)
	Hemophiliac	1	(<1)	14	(1)	0	(0)	4	(1)	0	(0)	2	(1)	0	(0)	0	(0)	1	(<1)	20	(1)
	Undetermined	60	(14)	95	(5)	11	(14)	14	(4)	8	(11)	10	(4)	3	(13)	5	(5)	82	(14)	124	(4)
Total Cases		414		2,033		81		359		76		281		23		106		594		2,779	

01/2000– 12/2004 Cases (%)	414 (70)	81 (15)	76 (13)	23 (4)	594 (100)
Cumulative Cases (%)	2,033 (73)	359 (13)	281 (10)	106 (4)	2,779 (100)
2002 Estimated Population (%)	(72)	(12)	(11)	(5)	1,224,898 (100)

AIDS Cases by Race/Ethnicity
Reported from 2000 to 2004 (Five - Year)

	Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	Hawaiian/ Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other A/PIs No. (%)	Multiple [a] Race No. (%)	Total [b] No. (%)
SEX	**Male**	283 (91)	25 (78)	41 (91)	65 (88)	37 (88)	12 (100)	25 (83)	21 (70)	10 (71)	522 (88)
	Female	29 (9)	7 (22)	4 (9)	9 (12)	5 (13)	0 (0)	5 (17)	9 (30)	4 (29)	72 (12)
RISK	**Male to Male Sex**	210 (67)	15 (47)	30 (67)	50 (68)	28 (67)	8 (67)	15 (50)	13 (43)	8 (57)	379 (64)
	Injection Drug Use	20 (6)	5 (16)	4 (9)	4 (5)	1 (2)	2 (17)	2 (7)	2 (7)	2 (14)	42 (7)
	Male/Male Sex & IDU	20 (6)	1 (3)	3 (7)	5 (7)	1 (2)	0 (0)	3 (10)	0 (0)	0 (0)	33 (6)
	Heterosexual	22 (7)	3 (9)	1 (2)	7 (9)	6 (14)	0 (0)	4 (13)	3 (10)	2 (14)	49 (8)
	Transfusion	2 (<1)	0 (0)	1 (2)	0 (0)	1 (2)	0 (0)	1 (3)	1 (3)	0 (0)	6 (1)
	Perinatal	1 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	2 (<1)
	Hemophiliac	1 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (<1)
	Undetermined	36 (12)	8 (25)	6 (13)	8 (11)	5 (12)	2 (17)	5 (17)	10 (33)	2 (14)	82 (14)
5-Year Cases		312	32	45	74	42	12	30	30	14	594

Cumulative Cases (%)	1,686 (61)	127 (5)	156 (6)	304 (11)	155 (6)	63 (2)	128 (5)	133 (5)	15 (<1)	2,779(100)
5 Year Cases (%)	312 (53)	32 (5)	45 (8)	74 (12)	42 (7)	12 (2)	30 (5)	30 (5)	14 (2)	594 (100)
Year 2004 Cases (%)	68 (61)	9 (8)	17 (15)	6 (5)	8 (7)	3 (3)	8 (7)	9 (8)	4 (4)	134 (100)
2004 Annual Rate per 100,000 population [c]	23.1	40.9	19.4	7.5	5.3	7.1	3.5	3.2	2.3	10.6

a. This data collection began in 2003.
b Totals include American Indians with 2 cases reported in 2004; 3 case in previous 5-year period; 12 cases as of December, 31 2004.
c 2000 population, U.S. Census, from the State of Hawaii Data Book 2002, http://www.hawaii.gov/dbedt/db02/01/013202.xls and 013302.xls

Reporting Requirement. AIDS case reporting is required by Hawai`i Revised Statutes (HRS) §325-2 and Hawaii Administrative Rules §11-156-3 for low CD4 values (<200µl/ml or <14% of total lymphocytes). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 & 8.9., which took effect on August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.

Questions regarding forms, reporting requirements, or this report may either mail to the HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Room 306. Honolulu, Hawaii 96816, phone at (808) 733-9010, fax at (808) 733-9015 or e-mail to qsandy@lava.net