

HIV/AIDS Surveillance Semi-Annual Report

Hawaii Department of Health

Cases to June 30, 2005

AIDS Data: As of June 30, 2005, there were 2,808 AIDS cases reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health. A total of 137 cases were reported during the past one-year period (July 1, 2004 to June 30, 2005). Of these, 124 (91%) cases were male and 13 (9%) cases were female. These cases were reported from Honolulu County (91, 66%), Kauai County (18, 13%), Maui County (15, 11%), and Hawaii County (13, 9%). 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 an unnamed test code (UTC). A cumulative total of 774 HIV cases were reported since September 1, 2001. Due to the code-based reporting, Hawaii HIV data are still not available. Recently, the Centers for Disease Control and Prevention recommended all HIV reporting to be done by name. Hawaii is moving forward with the process of changing the reporting system from code to named reporting.

Hawaiian/Part-Hawaiian AIDS Cases

Hawaiian/Part-Hawaiian represent 8.6 % of the state population and account for 11% (302) of the total reported AIDS cases as of June 30, 2005. The proportion of Hawaiian cases has increased from 10.7% (168/1,577) before 7/1995 to 13.0% (72/555) from 7/2000-6/2005, see Figure 1.

Table 1 illustrates the demographics of the Hawaiian AIDS cases for the three time periods and cumulative cases. Males account for most of the cases (262, 87%). The proportion of female cases has increased from 10% before 7/1995 to 15% from 7/2000-6/2005.

Men having sex with men (MSM) continues to be the primary risk factor for Hawaiians (213, 71%) followed by Injection Drug Use (IDU), heterosexual, and other risk exposures.

Eighty-seven percent (263/302) of Hawaiian AIDS cases are between 20 to 49 years of age; 11% cases are over 49 years of age. Pediatrics and the 13-19 years of age group each have only one percent of Hawaiian AIDS cases.

Most Hawaiian AIDS cases were reported in Honolulu County (75%). The proportion of cases slightly increased in Hawaii and Maui Counties during the recent five-year period as compared to the 7/1995-6/2000 time period.

Announcement: "Integrated Epidemiologic Profile of HIV/AIDS in Hawaii" contains State-wide HIV/AIDS data and analysis; care and prevention information. The profile is available at the website http://www.hawaii.gov/health/healthy-lifestyles/std-aids/aboutus/prg-aids/aids_rep/1h2005-1.pdf.

Note: Last update on 10/17/05 for Hawaiian AIDS cases for cumulative total and before July 1995 time period.

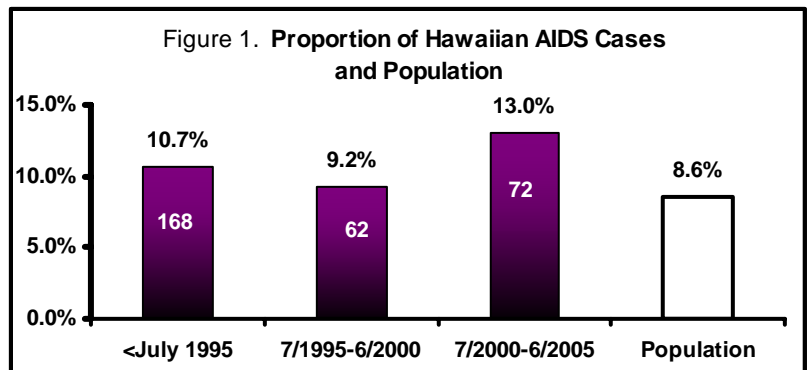


Table 1. Demographics of Hawaiian/Part-Hawaiian Cases for three time periods

Characteristics		< July 1995	7/ 1995 - 6/ 2000	7/ 2000 - 6/ 2005	Cumulative
		N = 168	N = 62	N = 72	N = 302
		%	(%)	(%)	(%)
Sex	Male	152 (90)	49 (79)	61 (85)	262 (87)
	Female	16 (10)	13 (21)	11 (15)	40 (13)
Risk	MSM	130 (77)	37 (60)	46 (64)	213 (71)
	IDU	14 (8)	5 (8)	4 (6)	23 (8)
	MSM/IDU	6 (4)	3 (5)	5 (7)	14 (5)
	Heterosexual	10 (6)	11 (18)	5 (7)	26 (9)
	Other/Unknown	8 (5)	6 (10)	12 (17)	26 (9)
Age	<13	2 (1)	2 (3)	0 (0)	4 (1)
	13-19	3 (2)	0 (0)	0 (0)	3 (1)
	20-29	38 (23)	9 (15)	11 (15)	58 (19)
	30-39	79 (47)	31 (50)	27 (38)	137 (45)
	40-49	28 (17)	13 (21)	27 (38)	68 (23)
	>49	18 (11)	7 (11)	7 (10)	32 (11)
County	Honolulu	127 (76)	45 (73)	53 (74)	225 (75)
	Hawaii	24 (14)	11 (18)	10 (14)	45 (15)
	Maui	12 (7)	5 (8)	7 (10)	24 (8)
	Kauai	5 (3)	1 (2)	2 (3)	8 (3)

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. http://www.hawaii.gov/health/healthy-lifestyles/std-aids/aboutus/prg-aids/aids_rep/index.html

Hawaii AIDS Cases by Year, Reported through June 30, 2005

(The number of Hawaii AIDS cases changed for each year due to the CDC initiated interstate duplication project)

Year of Report	1983-1999	2000	2001	2002	2003	2004	2005	TOTAL
Cases by Year of Report	2,184	99	120	118	103	120	64	2,808
Rate per 100,000 Population ¹	N/A	8.2	9.9	9.7	8.5	9.9	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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SEX	Male	2,044	(94)	84	(85)	105	(88)	104	(88)	86	(83)	109	(91)	57	(89)	2,589	(92)
	Female	140	(6)	15	(15)	15	(12)	14	(12)	17	(17)	11	(9)	7	(11)	219	(8)

AGE	<13	15	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	17	(1)
	13-19	7	(<10)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	9	(<1)
	20-29	291	(13)	7	(7)	11	(9)	13	(11)	9	(9)	13	(11)	4	(6)	348	(12)
	30-39	960	(44)	33	(33)	48	(40)	45	(38)	41	(40)	43	(36)	21	(33)	1,191	(42)
	40-49	657	(30)	39	(39)	37	(31)	40	(34)	31	(30)	38	(32)	25	(39)	867	(31)
	>49	254	(12)	18	(18)	24	(20)	20	(17)	20	(19)	26	(22)	14	(22)	376	(13)

RACE	Non-Hispanic																
	Caucasians	1,373	(63)	52	(53)	71	(59)	62	(53)	45	(44)	59	(49)	40	(63)	1,702	(61)
	*Legacy Asians/Hawaiians/PI	595	(27)	38	(38)	34	(28)	41	(35)	0	(0)	0	(0)	0	(0)	708	(25)
	*Asians	0	(0)	0	(0)	0	(0)	0	(0)	22	(21)	22	(18)	10	(16)	54	(2)
	*Hawaiians/PI	0	(0)	0	(0)	0	(0)	0	(0)	16	(16)	11	(9)	6	(9)	33	(1)
	African-Americans	95	(4)	3	(3)	3	(3)	6	(5)	8	(8)	9	(8)	3	(5)	127	(5)
	American Indians/Alaskans	8	(<1)	0	(0)	1	(1)	0	(0)	0	(0)	2	(2)	0	(0)	11	(<1)
	Multiple Race	1	(<1)	1	(1)	2	(2)	1	(1)	6	(6)	3	(3)	0	(0)	14	(<1)
	Other	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(<1)	2	(3)	3	(<1)
Hispanics	112	(5)	5	(5)	9	(8)	8	(7)	6	(6)	13	(11)	3	(5)	156	(6)	

*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)	1,661	(76)	60	(61)	84	(70)	79	(67)	61	(59)	73	(61)	36	(56)	2,054	(73)
	Injection Drug Use (IDU)	156	(7)	8	(8)	10	(8)	10	(8)	4	(4)	10	(8)	4	(6)	202	(7)
	MSM & IDU	161	(7)	5	(5)	2	(2)	8	(7)	4	(4)	11	(9)	3	(5)	194	(7)
	Female Heterosexual	72	(3)	8	(8)	7	(6)	4	(3)	9	(9)	3	(3)	2	(3)	105	(4)
	Male Heterosexual	38	(2)	2	(2)	5	(4)	2	(2)	3	(3)	4	(3)	0	(0)	54	(2)
	Transfusion	24	(1)	0	(0)	0	(0)	2	(2)	3	(3)	1	(1)	0	(0)	30	(1)
	Perinatal	12	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	14	(<1)
	Hemophiliac	18	(1)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	19	(1)
	Undetermined	42	(2)	15	(15)	11	(9)	13	(11)	18	(17)	18	(15)	19	(30)	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, 2005)

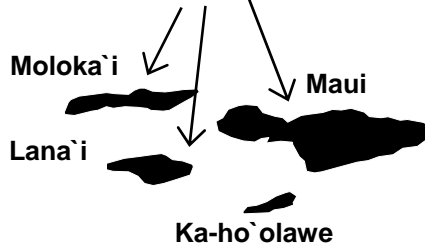
Kaua'i County
124 Cases (4%)



Honolulu County
2,033 Cases (72%)



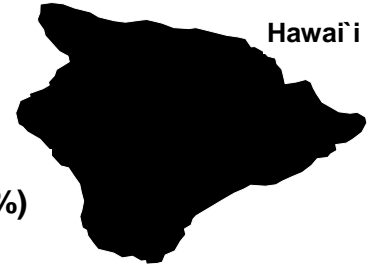
Maui County
290 Cases (10%)



Five-Year Average Reporting Rate
per 100,000 population* by county,
reported from 7/2000 to 6/2005

Honolulu Co.	8.4
Hawai'i Co.	10.5
Maui Co.	10.8
Kauai Co.	12.4
Statewide	9.1

Hawai'i County
361 Cases (13%)



This map indicates the number of diagnosed AIDS cases reported to the Department of Health through June 30, 2005. 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 from the State of Hawaii Data Book 2002:
http://www3.hawaii.gov/dbedt/index.cfm?section=READ_Databook445

Cumulative Hawai'i AIDS cases reported from 1983 to June 30, 2005 2,808 Known Deaths 1,501 (53%)

AIDS Cases by County: Five-year (July 1, 1999 - June 30, 2005) and Cumulative Total (1983 – June 30, 2005)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co.		Statewide											
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)								
SEX	Male	324	(88)	1,883	(93)	65	(84)	322	(89)	66	(90)	271	(93)	32	(87)	113	(91)	487	(88)	2,589	(92)
	Female	45	(12)	150	(7)	12	(16)	39	(11)	7	(10)	19	(7)	4	(13)	11	(9)	68	(12)	219	(8)

RISK	Male to Male Sex	231	(63)	1,505	(74)	45	(58)	238	(66)	54	(74)	222	(77)	23	(64)	89	(72)	353	(64)	2,054	(73)
	Injection Drug Use	25	(7)	136	(7)	8	(10)	39	(11)	4	(5)	17	(6)	4	(11)	10	(8)	41	(7)	202	(7)
	Male/Male Sex & IDU	23	(6)	136	(7)	4	(5)	30	(8)	2	(3)	24	(8)	1	(3)	4	(3)	30	(5)	194	(7)
	Heterosexual Contact	24	(7)	106	(5)	6	(8)	27	(7)	5	(7)	15	(5)	3	(8)	11	(9)	38	(7)	159	(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)	3	(1)	0	(0)	2	(1)	0	(0)	0	(0)	1	(<1)	19	(1)
	Undetermined	59	(16)	101	(5)	14	(18)	19	(5)	6	(8)	8	(3)	5	(14)	8	(6)	84	(15)	136	(5)
Total Cases	369	(100)	2,033	(100)	77	(100)	361	(100)	73	(100)	290	(100)	36	(100)	124	(100)	555	(100)	2,808	(100)	

July 2000—June 2005 N (%)	369	(66)	77	(14)	73	(13)	36	(7)	555	(100)
Cumulative cases N (%)	2,033	(72)	361	(13)	290	(10)	124	(4)	2,808	(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 Cases (July 1, 2000 - June 30, 2005)

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.	(%)					
5 Year Cases (%)	288	(52)	30	(5)	41	(7)	72	(13)	38	(7)	14	(3)	21	(4)	35	(6)	13	(2)	555	(100)
Cumulative Cases (%)	1,701	(61)	127	(5)	156	(6)	302	(11)	158	(6)	64	(2)	129	(5)	146	(5)	14	(<1)	2,808	(100)

SEX	Male	263	(91)	22	(73)	38	(93)	61	(85)	33	(87)	13	(93)	20	(95)	25	(71)	9	(69)	487	(88)
	Female	25	(9)	8	(27)	3	(7)	11	(15)	5	(13)	1	(7)	1	(5)	10	(29)	4	(31)	68	(12)

RISK	Male to Male Sex	197	(68)	12	(40)	28	(68)	46	(64)	25	(66)	9	(64)	10	(48)	11	(31)	8	(62)	348	(63)
	Injection Drug Use	20	(7)	6	(20)	3	(7)	4	(6)	0	(0)	2	(14)	1	(5)	8	(23)	2	(15)	46	(8)
	Male/Male Sex & IDU	18	(6)	3	(10)	3	(7)	5	(7)	0	(0)	1	(7)	3	(14)	0	(0)	0	(0)	33	(6)
	Female Heterosexual	8	(3)	3	(10)	1	(2)	3	(4)	4	(11)	0	(0)	2	(10)	4	(11)	2	(15)	27	(5)
	Male Heterosexual	6	(2)	0	(0)	0	(0)	2	(3)	2	(5)	0	(0)	0	(0)	1	(3)	0	(0)	12	(2)
	Transfusion	2	(1)	0	(0)	1	(2)	0	(0)	1	(3)	0	(0)	1	(5)	1	(3)	0	(0)	6	(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	35	(12)	6	(20)	5	(12)	12	(17)	6	(16)	2	(14)	4	(19)	10	(29)	1	(8)	81	15)
5-Year Total cases	288	(100)	30	(100)	41	(100)	72	(100)	38	(100)	14	(100)	21	(100)	35	(100)	13	(100)	555	(100)	
5-year average reporting rate per 100,000 ¹	12.1		18.0		9.4		5.6		4.5		4.1		1.7		11.4		1.0		9.2		

*Data collection of multiple race since 2003. **Total 555 cases for five years includes three male American Indian AIDS cases with risk of 2 MSM and 1 heterosexual; Cumulative 2,808 cases include 11 American Indians.

¹2000 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).