

HIV/AIDS Surveillance Semi-Annual Report



Hawai'i Department of Health

Cases to December 31, 2007

AIDS Data: As of December 31, 2007, a cumulative total of 3,011 AIDS cases have been reported in Hawai'i. Of these, 1,752 (58.2%) are known dead. There were 82 cases reported during 2007 (one-year period), which yields an annual AIDS report rate of 6.4 per 100,000 population^a. Of the 82 AIDS cases, there were 71 (86.6%) males and 11 (13.4%) females. Honolulu County reported 60 (73.2%) cases; Hawai'i County 12 (14.6%) cases; Maui County 8 (9.8%) cases; and Kaua'i County 2 (2.4%) cases. AIDS data is detailed on pages 2-4.

HIV Data: Hawai'i is in the process of changing the reporting system from coded to named HIV reporting and will have a named reporting in the near future. At this time, Hawai'i's HIV data based on code of reporting are not available. It is recommended that all providers continue to report HIV cases with UTCs and keep the linkage of UTCs and names in their offices for future code to name conversion.

People Known to be Living with AIDS, End 2007, Hawai'i

At the end of 2007, a total of 1,259 people are known to be living with AIDS^b in Hawai'i, which results in a prevalence rate of 97.9 AIDS cases per 100,000 population^a (Figure 1). The average growing rate for people known to be living with AIDS is 3.74% each year from 2003 to 2007. The table shows selected characteristics of people known to be living with AIDS at the end of 2007:

- **Sex:** 1,116 (88.6%) are male and 143 (11.4%) are female.
- **Risk Behaviors:** The primary risk behavior is among men who have sex with men (869, 69.0%). The second and third highest risk behaviors are injection drug use (104, 8.3%) and heterosexual contact (97, 7.7%). The category of "other/unknown" include risk related to hemophilic (5, 0.4%), blood transfusion (10, 0.8%), perinatal (6, 0.5%), and undetermined risk (95, 7.5%).
- **Current Age at the end of 2007:** Most of the people (1,074, 85.3%) living with AIDS are aged 40 and over.
- **Race/Ethnicity:** Caucasians have the highest number of cases (708, 56.2%). The category of "other" includes cases from American Indians (7, 0.6%), multiple races (24, 1.9%) and unknown race (2, 0.2%).
- **County:** Honolulu County has the largest number and percentage (858, 67.8%) of people living with AIDS. However, Maui County has the highest prevalence rate (113.1.0 per 100,000 population). The other prevalence rates are: Hawaii County 109.2, Honolulu County 93.8, and Kauai 93.6 per 100,000 population^b.

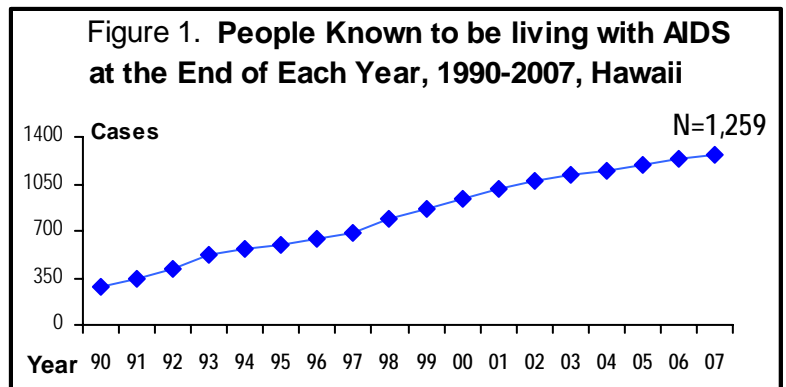


Table 1. People Known to be Living with AIDS, End of 2007

N= 1,259 (100)		N= 1,259 (100)	
Sex		Race/Ethnicity	
Male	1,116 (88.6)	Caucasian	708 (56.2)
Female	143 (11.4)	Hispanic	104 (8.3)
Risk		Afri.American	66 (5.2)
MSM	869 (69.0)	Hawaiian	125 (9.9)
IDU	104 (8.3)	Japanese	55 (4.4)
MSM/IDU	73 (5.8)	Filipino	73 (5.8)
Heterosexual	97 (7.7)	Chinese	31 (2.5)
Other/Unk.	116 (9.2)	Other API	64 (5.1)
Current Age		Other	33 (2.6)
<20	8 (0.6)	County	
20-29	16 (1.3)	Honolulu	853 (67.8)
30-39	161 (12.8)	Hawaii	187 (14.9)
40-49	542 (43.1)	Maui	160 (12.7)
>49	532 (42.3)	Kauai	59 (4.7)

^a U.S. 2006 estimated population.

^b Includes persons diagnosed in Hawaii and reported with the vital status "alive". Some cases may not be updated vital status due to not knowing if an individual reported with AIDS died in another state.

Hawai'i AIDS Cases, Reported through December 31, 2007

Year of Report	1983-2001	2002	2003	2004	2005	2006	2007	TOTAL
Cases by Year of Report ^a	2,404	109	100	121	107	88	82	3,011
Rate per 100,000 Population ^b	N/A	8.8	8.0	9.6	8.4	6.8	6.4	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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SEX	Male	2,232	(93)	98	(90)	84	(84)	109	(90)	95	(89)	78	(89)	71	(87)	2,767	(92)
	Female	172	(7)	11	(10)	16	(16)	12	(10)	12	(11)	10	(11)	11	(13)	244	(8)

AGE	<13	16	(1)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	17	(<1)
	13-19	8	(<1)	0	(0)	1	(1)	0	(0)	1	(1)	2	(2)	0	(0)	12	(<1)
	20-29	310	(13)	13	(12)	9	(9)	13	(11)	8	(7)	2	(2)	9	(11)	364	(12)
	30-39	1,040	(43)	41	(38)	39	(39)	45	(37)	30	(28)	27	(31)	26	(32)	1,248	(41)
	40-49	733	(30)	38	(35)	30	(30)	37	(31)	41	(38)	32	(36)	27	(33)	938	(31)
	>49	297	(12)	17	(16)	20	(20)	26	(21)	27	(25)	25	(28)	20	(24)	432	(14)

RACE	Non-Hispanic																
	Caucasian	1,485	(62)	56	(51)	42	(42)	59	(49)	65	(61)	43	(49)	40	(49)	1,790	(59)
	Asian	348	(14)	17	(16)	22	(22)	23	(19)	12	(11)	20	(23)	12	(15)	454	(15)
	Hawaiian/Pacific Islander	308	(13)	21	(19)	15	(15)	11	(9)	12	(11)	8	(9)	7	(9)	382	(13)
	Asian/Pacific Islander*	664	(28)	38	(35)	37	(37)	34	(28)	24	(22)	28	(32)	19	(23)	844	(28)
	African-American	102	(4)	6	(6)	8	(8)	8	(7)	3	(3)	4	(5)	4	(5)	135	(4)
	American Indian/Alaskan	8	(<1)	0	(0)	0	(0)	2	(2)	1	(1)	0	(0)	1	(1)	12	(<1)
	Multiple Race & Unknown	14	(1)	1	(1)	7	(7)	4	(3)	6	(6)	3	(3)	5	(6)	40	(1)
Hispanic	131	(5)	8	(7)	6	(6)	14	(12)	8	(7)	10	(11)	13	(16)	190	(6)	

*Beginning in 2003, the new race/ethnicity of 1997 OMB standard (CDC's guidelines) has been implemented in Hawaii, which results in the race/ethnicity information to be compiled in this report under two systems. There were 8 legacy Asian/Pacific Islander cases reported in the 1983- 2001 period. These cases cannot be categorized into either Asian or Hawaiian/Pacific Islander and have been included in the total of Asian/Pacific Islander.

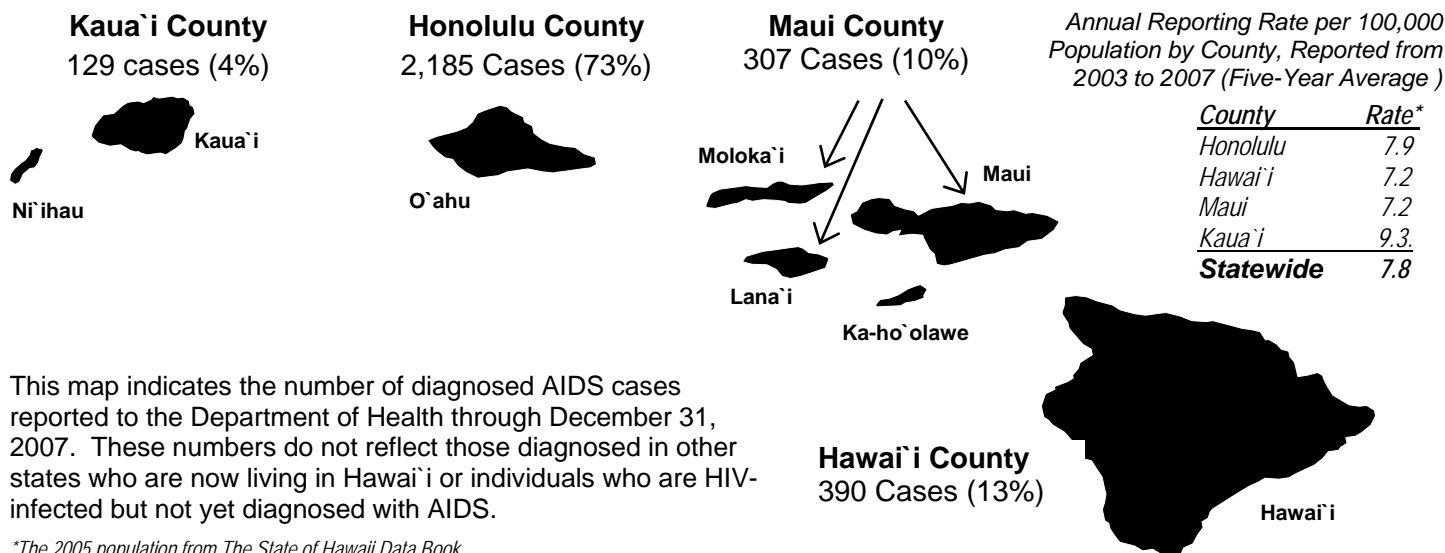
RISK	Male to Male Sex	1,806	(75)	75	(69)	61	(61)	74	(61)	69	(64)	57	(65)	48	(59)	2,190	(73)
	Injection Drug Use	174	(7)	9	(8)	4	(4)	11	(9)	6	(6)	12	(14)	12	(15)	228	(8)
	Male/Male Sex & IDU	172	(7)	8	(7)	5	(5)	12	(10)	9	(8)	2	(2)	4	(5)	212	(7)
	Heterosexual	132	(5)	5	(5)	13	(13)	9	(7)	3	(3)	3	(3)	4	(5)	169	(6)
	Transfusion	24	(1)	2	(2)	3	(3)	1	(1)	0	(0)	0	(0)	0	(0)	30	(1)
	Perinatal	13	(1)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	14	(<1)
	Hemophiliac	19	(1)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	20	(1)
	Undetermined	64	(3)	9	(8)	13	(13)	14	(12)	20	(19)	14	(16)	14	(17)	148	(5)

^a. Due to the de-duplication among the nation, the number of Hawaii reported cases may change each year.

^b. Each year's estimated population from <http://www.hawaii.gov/dbedt/info/economic/databook/db2006/>. Table 1.06 Resident Population, by County.

County Report

Cumulative Cases (1983 – December 31, 2007)



Cumulative Hawai`i AIDS cases reported 1983 to December 31, 2007 3,011 Known Deaths 1,752 (58.2%)

AIDS Cases by County: Five-year (2003 - 2007) and Cumulative Total (1983 – December 31, 2007)

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. (%)	N (%)	No. (%)	No. (%)	No. (%)	No. (%)	N (%)	N (%)	No. (%)	No. (%)	
SEX	Male	314 (87)	2,016 (92)	53 (88)	346 (89)	44 (88)	287 (93)	26 (90)	118 (91)	437 (88)	2,767 (92)
	Female	45 (13)	169 (8)	7 (12)	44 (11)	6 (12)	20 (7)	3 (10)	11 (9)	61 (12)	244 (8)

RISK	Male to Male Sex	219 (61)	1,599 (73)	35 (58)	257 (66)	35 (70)	237 (77)	20 (69)	97 (75)	309 (62)	2,190 (73)	
	Injection Drug Use	37 (10)	162 (7)	3 (5)	40 (10)	3 (6)	16 (5)	2 (7)	10 (8)	45 (9)	228 (8)	
	Male/Male Sex & IDU	26 (7)	150 (7)	5 (8)	32 (8)	1 (2)	26 (8)	0 (0)	4 (3)	32 (6)	212 (7)	
	Heterosexual Contact	26 (7)	117 (5)	1 (2)	28 (7)	2 (4)	14 (5)	3 (10)	10 (8)	32 (6)	169 (6)	
	Transfusion	3 (1)	23 (1)	0 (0)	3 (1)	1 (2)	2 (1)	0 (0)	2 (2)	4 (1)	30 (1)	
	Perinatal	1 (<1)	12 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (<1)	14 (<1)
	Hemophiliac	0 (0)	15 (1)	0 (0)	3 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	20 (1)
	Undetermined	47 (13)	107 (5)	16 (27)	25 (6)	8 (16)	10 (3)	4 (14)	6 (5)	75 (15)	148 (5)	
Total Cases		359	2,185	60	390	50	307	29	129	498	3,011	

01/2003– 12/2007 Cases (%)	359 (72)	60 (12)	50 (10)	29 (6)	498 (100)
Cumulative Cases (%)	2,185 (73)	390 (13)	307 (10)	129 (4)	3,011 (100)
2005 Estimated Population (%)	(71)	(13)	(11)	(5)	1,273,278 (100)

AIDS Cases by Race/Ethnicity Reported from 2003 to 2007 (Five - Year)

Race/Ethnicity	Caucasian	African American	Hispanic	Hawaiian/ Pt. Haw	Filipino	Chinese	Japanese	Other A/PIs	Multiple ^a Race	Total ^b
	No. (%)	N (%)	No. (%)	No. (%)	No. (%)	No. (%)	N (%)	N (%)	No. (%)	No. (%)

SEX	Male	228 (92)	23 (85)	48 (94)	31 (78)	24 (92)	14 (88)	31 (97)	16 (57)	18 (72)	437 (88)
	Female	21 (8)	4 (15)	3 (6)	9 (23)	2 (8)	2 (13)	1 (3)	12 (43)	7 (28)	61 (12)

RISK	Male to Male Sex	182 (73)	14 (52)	29 (57)	16 (40)	12 (46)	9 (56)	19 (59)	12 (43)	14 (56)	309 (62)
	Injection Drug Use	20 (8)	3 (11)	5 (10)	7 (18)	1 (4)	4 (25)	4 (13)	0 (0)	1 (4)	45 (9)
	Male/Male Sex & IDU	14 (6)	3 (11)	5 (10)	5 (13)	4 (15)	0 (0)	0 (0)	0 (0)	0 (0)	32 (6)
	Heterosexual Contact	10 (4)	3 (11)	0 (0)	4 (10)	3 (12)	0 (0)	1 (3)	7 (25)	3 (12)	32 (6)
	Transfusion	1 (<1)	0 (0)	1 (2)	0 (0)	1 (4)	0 (0)	1 (3)	0 (0)	0 (0)	4 (1)
	Perinatal	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	1 (<1)
	Hemophiliac	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	Undetermined	22 (9)	4 (15)	11 (22)	8 (20)	5 (19)	3 (19)	7 (22)	8 (29)	7 (28)	75 (15)
5-Year Cases		249	27	51	40	26	16	32	28	25	498

Cumulative Cases (%)	1,790 (59)	135 (4)	190 (6)	328 (11)	173 (6)	68 (2)	159 (5)	116 (4)	40 (1)	3,011 (100)
5 Year Cases (%)	249 (50)	27 (5)	51 (10)	40 (8)	26 (5)	16 (3)	32 (6)	28 (6)	25 (3)	498 (100)
5-Year Average Annual Rate per 100,000 ^c	16.9	24.5	11.6	10.0	3.0	5.7	3.2	1.8	1.9	7.8

^a. This data collection began in 2003.

^b Totals include American Indians with 4 cases in previous 5-year period; 12 cases as of December, 31 2007.

^c 2000 population, U.S. Census, from <http://www.hawaii.gov/dbedt/info/economic/databook/db2006/> Table 1.37 Ranking of Races.

Reporting Requirement: AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and low CD4 values (<200ml/ml or <14% of total lymphocytes) reporting is required by Hawaii Administrative Rules §11-156-3. 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.

If you need more information, please visit the Hawaii HIV/AIDS Surveillance Program website:

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

If the information you are looking for is not on the website or you have questions regarding forms, reporting requirements, or this report, please contact the Hawai'i HIV/AIDS Surveillance Program by mail: 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, by phone: (808) 733-9010, by fax: (808) 733-9015 or by e-mail: sandy.qiu@doh.hawaii.gov.