

HIV/AIDS Surveillance Semi-Annual Report

Hawaii Department of Health

Cases to June 30, 2007

AIDS Reporting: As of June 30, 2007, 2,975 AIDS cases were reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health. AIDS reporting required since 1983. A total of 89 cases were reported during the past one-year period (July 1, 2006 to June 30, 2007). Of these, 80 (90%) cases were male and 9 (10%) cases were female. These cases were reported from Honolulu County (69, 78%), Maui County (10, 11%), Hawaii County (8, 9%), and Kauai County (2, 2%). This semi-annual report contains AIDS demographic data for reported cases by year (page 2), by county (page 3), and by race/ethnicity (page 4).

HIV Reporting: Hawaii is in the process of changing Administrative Rules to require name-based HIV reporting. CDC recommends implementation of HIV name-based reporting across the nation.

Hawaii AIDS incidence declining

Highly active antiretroviral therapy [HAART] became available in 1996 for HIV/AIDS care. Since then, people with HIV are living longer without developing AIDS. Figure 1 shows the numbers of Hawaii AIDS diagnoses decreased from 106 in 2001 to 68 in 2005. The diagnosis data for 2006 are yet to be complete. Due to reporting delays, the number of AIDS diagnosis does not match the number of reports each year. The figure shows the number of reported cases (white bar) is higher in each year than those diagnosed cases (black bar).

Table 1 illustrates Hawaii AIDS diagnosis by gender, risk, age, and county. As of 2006, there were 2,931 AIDS cases diagnosed in Hawaii. Males account for most of the cases (2,699, 92.1%). The proportion of male cases decreased to 88.5% in 2005-2006 period compared to 92.7% in before-2001 period.

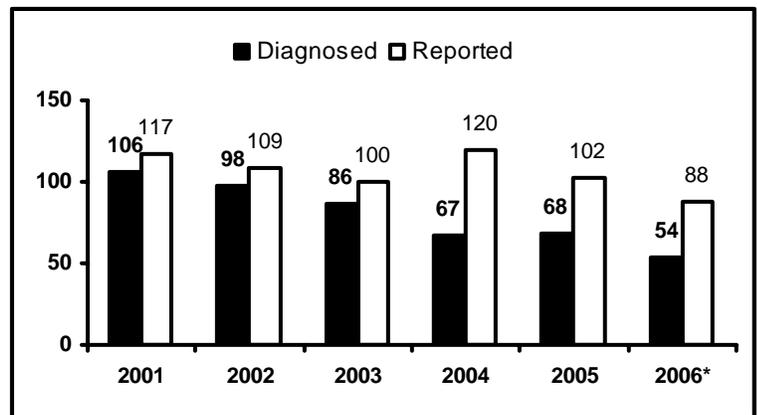
Men having sex with men (MSM) continues to be the primary risk factor for all four time periods and proportion of cases decreased to 68.9% in recent period (2005-2006) from 75.3% in before-2001 period.

Seventy-three percent (2,132/2,931) of Hawaii AIDS cases were diagnosed between 30 to 49 years of age. There were no pediatric AIDS cases diagnosed in the two recent time periods (2003 - 2006).

Most AIDS cases were diagnosed in Honolulu County (72.6%) followed by Hawaii (12.9%), Maui (10.2%), and Kauai (4.3%) County. Overall, AIDS diagnoses are decreasing in recent years.

An Epidemiologic Profile of HIV/AIDS in Hawaii, published in 2005, that provides detailed analysis of AIDS diagnosis, AIDS trends, and other data related to HIV/AIDS is available at the website: http://www.hawaii.gov/health/healthy-lifestyles/std-aids/aboutus/prg-aids/aids_rep/1h2005-1.pdf. The updated version of this document is expected to be released in August 2007.

Figure 1. Hawaii AIDS Diagnosed and Reported Cases, 2001 - 2006



*The number of AIDS diagnosis for 2006 is not complete

Table 1. Demographics of Hawaii AIDS Diagnosis, 1982 - 2006

Characteristics		Before 2001	2001-02	2003-04	2005-06	1982-2006
		N = 2,452 (%)	N = 204 (%)	N = 153 (%)	N = 122 (%)	N = 2,931 (%)
Sex	Male	2,273 92.7	182 89.2	136 88.9	108 88.5	2,699 92.1
	Female	179 7.3	22 10.8	17 11.1	14 11.5	232 7.9
Risk	MSM	1,846 75.3	131 64.2	86 56.2	84 68.9	2,147 73.3
	IDU	178 7.3	19 9.3	9 5.9	10 8.2	216 7.4
	MSM/IDU	180 7.3	10 4.9	14 9.2	3 2.5	207 7.1
	Heterosexual	131 5.3	16 7.8	14 9.2	4 3.3	165 5.6
	Other/Unknown	117 4.8	28 13.7	30 19.6	21 17.2	196 6.7
Age	<13	14 0.6	1 0.5	0 0.0	0 0.0	15 0.5
	13-19	10 0.4	0 0.0	1 0.7	3 2.5	14 0.5
	20-29	323 13.2	15 7.4	9 5.9	9 7.4	356 12.1
	30-39	1,072 43.7	64 31.4	52 34.0	33 27.0	1,221 41.7
	40-49	738 30.1	76 37.3	55 35.9	42 34.4	911 31.1
	>49	295 12.0	48 23.5	36 23.5	35 28.7	414 14.1
County	Honolulu	1,786 72.8	137 67.2	118 77.1	87 71.3	2,128 72.6
	Hawaii	321 13.1	28 13.7	10 6.5	19 15.6	378 12.9
	Maui	239 9.7	30 14.7	16 10.5	14 11.5	299 10.2
	Kauai	106 4.3	9 4.4	9 5.9	2 1.6	126 4.3

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, E-mail: pritty.borthakur@doh.hawaii.gov. This is available at the website: 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, 2007

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

Year of Report	1983-2001	2002	2003	2004	2005	2006	2007	TOTAL
Cases by Year of Report	2,401	109	100	120	103	88	54	2,975
Rate per 100,000 Population ¹	N/A	8.8	8.0	9.5	8.0	6.8	N/A	N/A

Demographics/Risk	No.	(%)								
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S E X	Male	2,230	(93)	98	(90)	84	(84)	108	(90)	91	(88)	78	(89)	48	(89)	2,737	(92)
	Female	171	(7)	11	(10)	16	(16)	12	(10)	12	(12)	10	(11)	6	(11)	238	(8)

A G E	<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)	1	(2)	13	(<1)
	20-29	309	(13)	13	(12)	9	(9)	13	(11)	7	(7)	2	(2)	4	(7)	357	(12)
	30-39	1,039	(43)	41	(38)	39	(39)	45	(38)	29	(28)	27	(31)	14	(26)	1,234	(42)
	40-49	732	(30)	38	(35)	30	(30)	36	(30)	40	(39)	32	(36)	18	(33)	926	(31)
	>49	297	(12)	17	(16)	20	(20)	26	(22)	26	(25)	25	(28)	17	(31)	428	(14)

N E W R A C E	Non-Hispanic																
	Caucasians	1,485	(62)	57	(52)	42	(42)	59	(49)	62	(60)	43	(49)	31	(57)	1,779	(60)
	*Legacy Asians/Hawaiians/PI	12	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	12	(<1)
	*Asians	319	(13)	17	(16)	22	(22)	22	(18)	12	(12)	20	(23)	10	(19)	422	(14)
	*Hawaiians/PI	305	(13)	21	(19)	16	(16)	11	(9)	12	(12)	7	(8)	2	(4)	374	(13)
	African-Americans	102	(4)	6	(6)	8	(8)	8	(7)	3	(3)	4	(5)	3	(6)	134	(5)
	American Indians/Alaskans	8	(<1)	0	(0)	0	(0)	2	(2)	1	(1)	0	(0)	0	(0)	11	(<1)
	Multiple Race	42	(2)	1	(1)	6	(6)	3	(3)	5	(5)	4	(5)	2	(4)	63	(2)
	Other	0	(0)	0	(0)	0	(0)	1	(1)	1	(1)	0	(0)	0	(0)	2	(<1)
Hispanics	128	(5)	7	(6)	6	(6)	14	(12)	7	(7)	10	(11)	6	(11)	178	(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.

R I S K	Male to Male Sex (MSM)	1,805	(75)	75	(69)	61	(61)	73	(61)	66	(64)	57	(65)	33	(61)	2,170	(73)
	Injection Drug Use (IDU)	174	(7)	9	(8)	4	(4)	11	(9)	6	(6)	12	(14)	9	(17)	225	(8)
	MSM & IDU	171	(7)	8	(7)	5	(5)	12	(10)	9	(9)	2	(2)	1	(2)	208	(7)
	Female Heterosexual	88	(4)	3	(3)	11	(3)	5	(4)	3	(3)	1	(1)	1	(2)	112	(4)
	Male Heterosexual	44	(2)	2	(2)	2	(2)	4	(3)	0	(0)	2	(2)	1	(2)	55	(2)
	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	63	(3)	9	(8)	13	(13)	14	(12)	19	(18)	14	(16)	9	(17)	141	(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 – July 30, 2007)

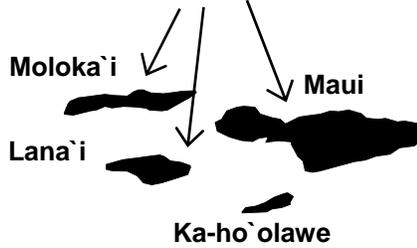
Kaua`i County
128 Cases (4%)



Honolulu County
2,164 Cases (73%)



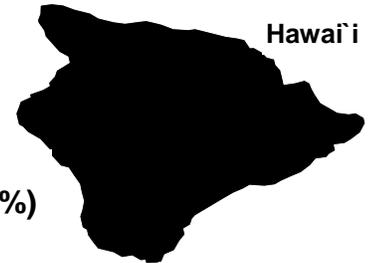
Maui County
302 Cases (10%)



Five-Year Average Reporting Rate
per 100,000 population* by county,
reported from 7/2002 to 6/2007

Honolulu Co.	8.5
Hawai`i Co.	6.0
Maui Co.	8.3
Kauai Co.	9.3
Statewide	8.2

Hawai`i County
381 Cases (13%)



This map indicates the number of diagnosed AIDS cases reported to the Department of Health through June 30, 2007. 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.

*Estimated population 2005, from the State of Hawaii Data Book 2005
<http://www.hawaii.gov/debedt/>

Cumulative Hawai`i AIDS cases reported from 1983 to June 30, 2007	2,975	Known Deaths	1,734 (58%)
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AIDS Cases by County: Five-year (July 1, 2002 - June 30, 2007) and Cumulative Total (1983 – June 30, 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	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
SEX	Male	336 (88)	1,999 (92)	44 (88)	338 (89)	52 (90)	283 (94)	26 (90)	117 (91)	458 (88)	2,737 (92)	
	Female	48 (13)	165 (8)	6 (12)	43 (11)	6 (10)	19 (6)	3 (10)	11 (9)	63 (12)	238 (8)	

RISK	Male to Male Sex	233 (61)	1,585 (73)	31 (62)	254 (67)	44 (76)	235 (78)	20 (69)	96 (75)	328 (63)	2,170 (73)	
	Injection Drug Use	40 (10)	160 (7)	2 (4)	39 (10)	3 (5)	16 (5)	2 (7)	10 (8)	47 (9)	225 (8)	
	Male/Male Sex & IDU	28 (7)	148 (7)	4 (8)	31 (8)	1 (2)	25 (8)	0 (0)	4 (3)	33 (6)	208 (7)	
	Heterosexual Contact	25 (7)	115 (5)	1 (2)	28 (7)	2 (3)	14 (5)	3 (10)	10 (8)	31 (6)	167 (6)	
	Transfusion	3 (1)	23 (1)	0 (0)	3 (1)	2 (3)	2 (1)	0 (0)	2 (2)	5 (1)	30 (1)	
	Perinatal	1 (<1)	12 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (0)	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	54 (14)	106 (5)	12 (24)	21 (6)	6 (10)	8 (3)	4 (14)	6 (5)	76 (15)	141 (5)	
	Total Cases	384 (100)	2,164 (100)	50 (100)	381 (100)	58 (100)	302 (100)	29 (100)	128 (100)	521 (100)	2,975 (100)	

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July 2002—June 2007 N (%)	384 (66)	50 (14)	58 (13)	29 (7)	521 (100)
Cumulative cases N (%)	2,164 (73)	381 (13)	302 (10)	128 (4)	2,975 (100)
Estimated Population 2005 N (%)	905,266 (71)	167,293 (13)	134,739 (11)	62,640 (5)	1,275,194 (100)

AIDS Cases by Race/Ethnicity

Five - Year Reported Cases (July 1, 2002 - June 30, 2007)

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 (%)	265	(51)	30	(6)	47	(9)	60	(12)	31	(6)	17	(3)	31	(6)	16	(3)	21	(4)	521	(100)
Cumulative Cases (%)	1,779	(60)	134	(5)	178	(6)	374	(13)	165	(6)	68	(2)	147	(5)	53	(2)	66	(2)	2,975	(100)

SEX	Male	240	(91)	25	(83)	43	(91)	45	(75)	29	(94)	13	(76)	30	(97)	13	(81)	16	(76)	457	(88)
	Female	25	(9)	5	(17)	4	(9)	15	(25)	2	(6)	4	(24)	1	(3)	3	(19)	5	(24)	64	(12)

RISK	Male to Male Sex	193	(73)	14	(47)	28	(60)	32	(53)	16	(52)	8	(47)	18	(58)	6	(38)	12	(57)	328	(63)
	Injection Drug Use	20	(8)	5	(17)	4	(9)	6	(10)	1	(3)	4	(24)	2	(6)	3	(19)	2	(10)	47	(9)
	Male/Male Sex & IDU	15	(6)	3	(10)	4	(9)	5	(8)	4	(13)	0	(0)	2	(6)	0	(0)	0	(0)	34	(7)
	Female Heterosexual	6	(2)	3	(10)	0	(0)	8	(13)	2	(6)	0	(0)	0	(0)	1	(6)	2	(10)	22	(4)
	Male Heterosexual	4	(2)	0	(0)	0	(0)	1	(2)	1	(3)	0	(0)	1	(3)	0	(0)	0	(0)	8	(2)
	Transfusion	2	(1)	0	(0)	1	(2)	0	(0)	1	(3)	0	(0)	1	(3)	1	(6)	0	(0)	6	(1)
	Perinatal	0	(0)	0	(0)	0	(0)	1	(2)	0	(0)	0	(0)	0	(0)	1	(6)	0	(0)	2	(<1)
	Hemophiliac	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)
	Undetermined	25	(9)	5	(17)	10	(21)	7	(12)	6	(19)	5	(29)	7	(23)	4	(25)	5	(24)	74	(14)
5-Year Total cases	265	(10)	30	(6)	47	(9)	60	(12)	31	(6)	17	(3)	31	(6)	16	(3)	21	(4)	521	(100)	
5-year average reporting rate per 100,000 ¹	11.1		18.0		10.7		4.7		3.7		4.9		2.5		5.2		1.6		8.6		

*Data collection of multiple race since 2003. **Total 521 cases for five years includes three male American Indian AIDS cases with risk of 1 MSM, 1 MSM/IDU, and 1 male heterosexual; Cumulative 2,975 cases included 11 American Indians.

¹2000 U.S. Census figures from the <http://www.hawaii.gov/dbedt/info/economic/databook/db2005/section01.pdf>

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, 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.

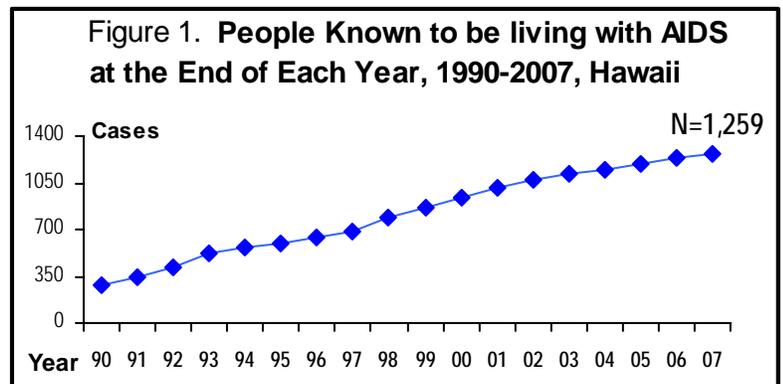


Table 1. People Known to be Living with AIDS, End of 2007

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.	(%)								
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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)

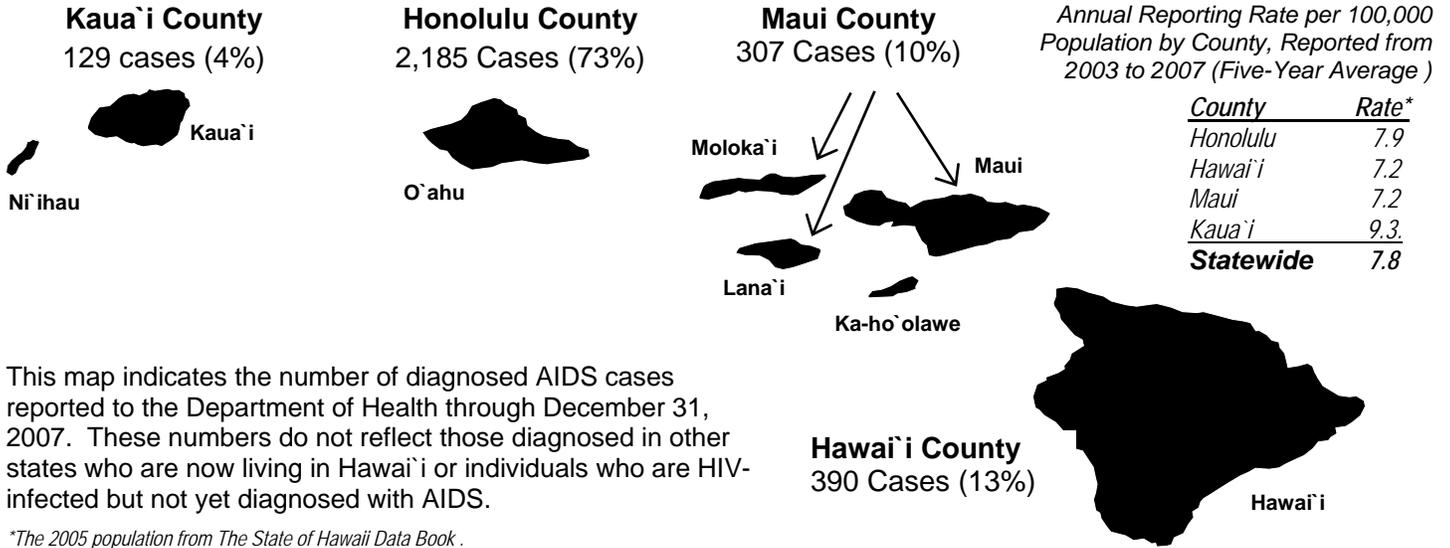
^a. Due to the de-duplication among the nation, the number of Hawaii reported cases may change each year.

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

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

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.