

# HIV/AIDS Surveillance Semi-Annual Report

Hawai'i Department of Health

Cases to June 30, 2003

**AIDS Data:** As of June 2003, there were 2,767 AIDS cases reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health (DOH). Forty-four percent of these AIDS cases (1,230) are known to be living with AIDS. A total of 121 cases have been reported during the past one-year period (July 1, 2002 to June 2003). Of these, 106 (88%) cases were male and 15 (12%) cases were female. These cases were diagnosed among Honolulu County (88, 73%), Hawaii County (8, 7%), Maui County (23, 19%), 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). It also includes the new race/ethnic data (according to the CDC's new guidelines for race/ethnicity 2003) on page 2.

**HIV data:** Due to reporting delay, HIV data are not available at this time. Since August 27, 2001, there have been 626 HIV (non-AIDS) cases reported to the HIV/AIDS Surveillance Program, DOH.

## Hawaii HIV and AIDS Reporting

### What is HIV reporting and how is it different from AIDS reporting?

HIV reporting includes HIV (human immunodeficiency virus) infection and does not include AIDS (acquired immunodeficiency syndrome). AIDS reporting captures HIV cases that exhibit AIDS (any of 26 opportunistic infections with/without CD4 <200 cells/uL and/or <14%)

#### HIV Reporting

1. HIV reporting is by an Unnamed Test Code (UTC), which is created from the name and date of birth.
2. HIV reporting has been implemented since August 27, 2001 after Hawaii's Administrative Rules (Title 11, Chapter 156, Statutes 8.8 for Physicians and 8.9 for Laboratories) were updated to mandate the reporting of all HIV infections.
3. HIV reporting uses the State of Hawaii HIV Infection Report form.

#### AIDS Reporting

1. AIDS reporting is by name.
2. AIDS reporting was implemented in 1983. Hawaii's Administrative Rules (Chapter 325-2) require physicians and other health care providers to report AIDS.
3. AIDS reporting uses the Centers for Disease Control and Prevention (CDC) HIV/AIDS Confidential Case Report form.

### Are there any requirements for pediatric HIV and AIDS case reporting?

Pediatric HIV and AIDS reporting requirements are the same as for adult reporting. HIV reporting uses the Hawaii Pediatric HIV Report form and AIDS reporting is by name using CDC's Confidential Pediatric Case Report form.

### Is newly diagnosed or previously diagnosed HIV reportable?

Administrative Rules require all HIV infections to be reported. Therefore, HIV is reportable at any time of diagnosis.

### What is the role of the laboratories in the HIV/AIDS reporting system?

Since January 1998, Hawaii laboratories are required to report low CD4 counts (<200 cells/uL and/or <14%) by name. From August 27, 2001, all HIV positive test results are to be reported by UTC with the ordering physician's information to the HIV/AIDS Surveillance Program.

### Who is required to report HIV and AIDS?

Physicians or other health care providers who request HIV testing must report positive HIV cases. This is the same for AIDS reporting. If a person is HIV positive with any of the conditions for AIDS diagnosis, the provider must report the case as AIDS.

### What security and confidentiality measures are taken at the Health Department?

All cases (both HIV infection and AIDS cases) are under the same high security to ensure the confidentiality of case reporting.

### Where to report HIV/AIDS?

HIV and AIDS reporting forms are to be mailed to the Department of Health, HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816 or by phone reports at (808) 733-9010.

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 : pbortha@lava.net. This report is available at the web site: [http://www.state.hi.us/doh/resource/comm\\_dis/std\\_aids/aids\\_rep/](http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/)

# Hawaii AIDS Cases by Year, Reported through June 30, 2003

Year of Report	1983-1997	1998	1999	2000	2001	2002	2003	TOTAL
Cases by Year of Report	2,077	164	103	109	129	131	54	2,767
Rate per 100,000 Population <sup>1</sup>	N/A	13.5	8.5	8.9	10.5	10.7	N/A	N/A

Demographics/Risk	No.	(%)								
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SEX	Male	1,957	(94)	147	(90)	95	(92)	94	(86)	114	(88)	118	(90)	46	(85)	2,571	(93)
	Female	120	(6)	17	(10)	8	(8)	15	(14)	15	(12)	13	(10)	8	(15)	196	(7)

AGE	<13	14	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(2)	17	(<1)
	13-19	6	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	8	(<1)
	20-29	288	(14)	13	(8)	5	(5)	8	(7)	11	(9)	12	(9)	5	(9)	342	(12)
	30-39	919	(44)	80	(49)	44	(43)	36	(33)	55	(43)	50	(38)	20	(37)	1,204	(44)
	40-49	620	(30)	48	(29)	39	(38)	42	(39)	38	(29)	46	(35)	17	(31)	850	(31)
	>49	230	(11)	21	(13)	15	(15)	21	(19)	25	(19)	23	(18)	11	(20)	346	(13)

NEW RACE	Non-Hispanic																
	Caucasians	1,332	(64)	97	(59)	64	(62)	61	(56)	80	(62)	75	(57)	28	(52)	1,737	(63)
	*Legacy Asians/Hawaiians/PI	550	(26)	41	(25)	27	(26)	38	(35)	34	(26)	40	(31)	0	(0)	730	(26)
	*Asians	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	11	(20)	11	(<1)
	*Hawaiians/PI	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	9	(17)	9	(<1)
	African-Americans	85	(4)	9	(5)	7	(7)	4	(4)	3	(2)	8	(6)	2	(4)	118	(4)
	American Indians/Alaskans	8	(<1)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	12	(<1)
	Multiple Race	1	(<1)	0	(0)	0	(0)	1	(1)	2	(2)	0	(0)	3	(6)	7	(<1)
	Hispanics																
	101	(5)	14	(9)	5	(5)	5	(5)	9	(7)	8	(6)	1	(2)	143	(5)	

<sup>1</sup>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.

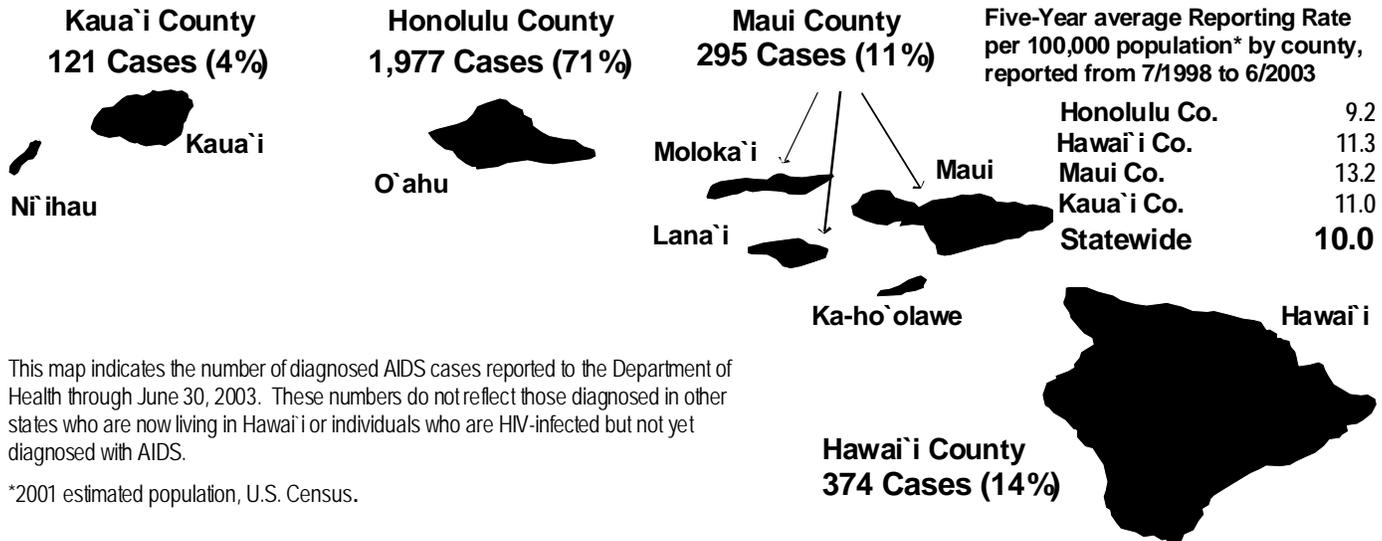
RISK	Male to Male Sex (MSM)	1,607	(77)	116	(71)	71	(69)	68	(62)	86	(67)	85	(65)	27	(50)	2,060	(75)
	Injection Drug Use (IDU)	139	(7)	21	(13)	6	(6)	8	(7)	10	(8)	10	(8)	4	(7)	198	(7)
	MSM & IDU	155	(7)	6	(4)	8	(8)	5	(5)	2	(2)	6	(5)	2	(4)	184	(7)
	Female Heterosexual	64	(3)	8	(5)	3	(3)	8	(7)	6	(5)	4	(3)	4	(7)	97	(4)
	Male Heterosexual	29	(1)	4	(2)	5	(5)	3	(3)	4	(3)	2	(2)	1	(2)	48	(2)
	Transfusion	21	(1)	2	(1)	1	(1)	0	(0)	0	(0)	2	(2)	0	(0)	26	(<1)
	Perinatal	11	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(2)	14	(<1)
	Hemophiliac	18	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	20	(<1)
	Undetermined	33	(2)	5	(3)	9	(9)	16	(15)	20	(16)	22	(17)	15	(28)	120	(4)

<sup>1</sup> Each year's estimated population from the State of Hawaii Data Book 2001, <http://www.hawaii.gov/dbedt/db01/sec01.html>

HIV/AIDS Epidemiologic Update is available at the website: [http://www.state.hi.us/doh/resource/comm\\_dis/std\\_aids/aids\\_rep/](http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/)

# County Report

## Cumulative AIDS Cases (1983 – June 30, 2003)



This map indicates the number of diagnosed AIDS cases reported to the Department of Health through June 30, 2003. 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.

Cumulative Hawai'i AIDS cases reported from 1983 to June 30, 2003      2,767      Known Deaths      1,537 (56%)

### AIDS Cases by County: Five-year (July 1, 1998 - June 30, 2003) and Cumulative Total (1983 – June 2003)

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	366 (90)	1,846 (93)	71 (83)	334 (89)	78 (90)	278 (94)	30 (91)	113 (93)	545 (89)	2,571 (93)
	Female	41 (10)	131 (7)	15 (17)	40 (11)	9 (10)	17 (6)	3 (9)	8 (7)	68 (11)	196 (7)

RISK	Male to Male Sex	268 (66)	1,493 (76)	47 (55)	249 (67)	62 (71)	225 (76)	23 (70)	93 (77)	400 (65)	2,060 (74)	
	Injection Drug Use	31 (8)	134 (7)	9 (10)	39 (10)	6 (7)	16 (5)	4 (12)	9 (7)	50 (8)	198 (7)	
	Male/Male Sex & IDU	18 (4)	125 (6)	3 (3)	29 (8)	3 (3)	26 (9)	1 (3)	4 (3)	25 (4)	184 (7)	
	Heterosexual Contact	27 (7)	93 (5)	13 (15)	31 (8)	6 (7)	14 (5)	1 (3)	7 (6)	47 (8)	145 (5)	
	Transfusion	2 (<1)	20 (1)	0 (0)	3 (1)	1 (1)	1 (<1)	0 (0)	2 (2)	3 (<1)	26 (1)	
	Perinatal	2 (<1)	12 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)	14 (1)
	Hemophiliac	2 (<)	14 (1)	0 (0)	4 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	2 (<1)	20 (1)
	Undetermined	57 (14)	86 (4)	14 (16)	17 (5)	9 (10)	11 (4)	4 (12)	6 (5)	84 (14)	120 (4)	
<b>Total Cases</b>		<b>407 (100)</b>	<b>1,977 (100)</b>	<b>86 (100)</b>	<b>374 (100)</b>	<b>87 (100)</b>	<b>295 (100)</b>	<b>33 (100)</b>	<b>121 (100)</b>	<b>613 (100)</b>	<b>2,767 (100)</b>	

July 1998—June 2003 N (%)	407 (66)	86 (14)	87 (14)	33 (5)	613 (100)
Cumulative cases and (%)	1,977 (71)	374 (14)	295 (11)	121 (4)	2,767 (100)
Estimated Population 2001 and (%)	881,295 (72)	152,083 (12)	131,797 (11)	59,223 (5)	1,224,398 (100)

# AIDS Cases by Race/Ethnicity

## Five - Year Reported Data (July 1998 to June 2003)

Race/Ethnicity	Caucasian		African American		Hispanic		American Indian		Hawaiian/ Pt. Haw.		Filipino		Chinese		Japanese		Other A/PI		Total Cases	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
5 Year Cases (%)	358	(59)	30	(5)	37	(6)	2	(<1)	78	(13)	37	(6)	9	(1)	17	(3)	39	(6)	607*	(100)
Cumulative Cases (%)	1,737	(63)	118	(4)	143	(5)	12	(<1)	300	(11)	145	(5)	58	(2)	119	(4)	128	(5)	2,760*	(100)

SEX	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Male	331	(92)	24	(80)	33	(89)
Female	27	(8)	6	(20)	4	(11)
	0	(0)	0	(0)	0	(0)
	13	(17)	6	(16)	1	(11)
	2	(12)	7	(18)	9	(23)
	32	(82)	7	(18)	39	(100)
	541	(89)	66	(11)	607	(100)

RISK	Male to Male Sex		Injection Drug Use		Male/Male Sex & IDU		Female Heterosexual		Male Heterosexual		Transfusion		Perinatal		Hemophiliac		Undetermined		5-Year Total cases	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Male to Male Sex	251	(70)	11	(37)	24	(65)	2	(100)	53	(68)	24	(65)	4	(44)	10	(59)	17	(44)	396	(65)
Injection Drug Use	23	(6)	9	(30)	5	(14)	0	(0)	5	(6)	1	(3)	2	(22)	1	(6)	1	(3)	47	(8)
Male/Male Sex & IDU	18	(5)	2	(7)	1	(3)	0	(0)	2	(3)	1	(3)	0	(0)	1	(6)	0	(0)	25	(4)
Female Heterosexual	12	(3)	1	(3)	1	(3)	0	(0)	5	(6)	4	(11)	1	(11)	1	(6)	2	(5)	27	(4)
Male Heterosexual	6	(2)	1	(3)	2	(5)	0	(0)	3	(4)	1	(3)	1	(11)	0	(0)	3	(8)	17	(3)
Transfusion	1	(<1)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	1	(3)	3	(<1)
Perinatal	1	(<1)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
Hemophiliac	2	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(3)	3	(<1)
Undetermined	44	(12)	6	(20)	4	(11)	0	(0)	8	(10)	6	(16)	1	(11)	4	(24)	14	(36)	87	(14)
5-Year Total cases	358	(100)	30	(100)	37	(100)	2	(100)	78	(100)	37	(100)	9	(100)	17	(100)	39	(100)	607	(100)
5-year average reporting rate per 100,000 <sup>1</sup>	15.0		18.0		8.4		N/A		10.7		4.7		2.3		1.9		9.4		10.0	

<sup>1</sup>The 2000 estimated U.S. Census figures were used to calculate race-specific reporting rates for Caucasians, Afri-Americans, Hispanics, and the State total. The 1990 U.S. census figures were used to calculate the rest of the race/ethnic groups for this five-year period (7/1/1998 to 6/30/03). \*Six AIDS cases are in the multiple race during the 5-year period (four MSM and two IDU) and seven cases are multi-race in the cumulative total under the CDC's new race/ethnic category. These cases are not shown separately.

**Reporting Requirement.** AIDS case reporting is required by Hawaii 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 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 AIDS and HIV reporting forms, reporting requirements, or this report may be directed to the 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, 2003

**AIDS Data:** As of December 31, 2003, a cumulative total of 2,824 AIDS cases have been reported to the Hawai'i HIV/AIDS Surveillance Program, Department of Health (DOH). Of these, 1,545 (54.7%) are known dead.

A total of 112 cases were reported during 2003 (one-year period), which gives Hawai'i an annual AIDS report rate of 9.0 per 100,000 population. Of the 112 AIDS cases, there were 95 (84.8%) males and 17 (15.2%) females. Honolulu County reported 85 cases; Maui County 12 cases; Hawai'i County 10 cases; and Kaua'i County 5 cases. AIDS data are detailed on pages 2-4.

**HIV Data:** A cumulative total of 655 HIV cases have been reported to the DOH since Hawai'i implemented HIV reporting on August 27, 2001. These reported HIV cases include all those diagnosed from the previous years and the current year. HIV data at this time are incomplete due to reporting delays (time between diagnosis of HIV infection and report to DOH), so details are not yet available.

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## Persons Living with AIDS in Hawai'i, End 2003

At the end of 2003, a total of 1,279 persons<sup>a</sup> in Hawai'i are living with AIDS, which results in a prevalence rate of 102.7 AIDS cases per 100,000 population<sup>b</sup>. Of these person living with AIDS, 1,156 (90.4%) are male and 123 (9.6%) are female. The table shows selected characteristics of persons living with AIDS:

- **County:** Honolulu has the largest percentage of the total persons living with AIDS cases. However, Maui County has the highest prevalence rate (132.0 per 100,000 population). The other prevalence rates are: Hawaii County 129.2, Honolulu County 95.0, and Kauai 85.1 per 100,000 population<sup>b</sup>.
- **Race/Ethnicity:** Caucasians have the highest number of cases (783, 61.2%). Hawaiians rank second with 125 cases (9.8%).
- **Age as of end of 2003:** The largest age group of persons living with AIDS (594, 46.4%) is between age 40-49. The second largest age group is age over 49 (408, 31.9%).
- **Risk behaviors:** The primary risk behavior is among men who have sex with men (881, 68.9%). The second and third highest risk behaviors are injection drug user (102, 8.0%) and heterosexual contact (90, 7.0%).

County	No.	%
Honolulu	851	66.5%
Hawai'i	200	15.6%
Maui	177	13.8%
Kaua'i	51	4.0%
<b>Race/Ethnicity</b>		
Caucasian	783	61.2%
Hawaiian	125	9.8%
Asian/Other PI <sup>c</sup>	201	15.7%
Filipino	74	5.8%
Japanese	47	3.7%
Other API	80	6.3%
African-American	71	5.6%
Hispanic	86	6.7%
Other/Multiple Race	13	1.0%
<b>Age as of end of 2003 (yrs)</b>		
<20	7	0.5%
20-29	20	1.6%
30-39	250	19.5%
40-49	594	46.4%
>49	408	31.9%
<b>Risk behavior</b>		
MSM	881	68.9%
IDU	102	8.0%
MSM/IDU	88	6.9%
Heterosexual	90	7.0%
Undetermined	91	7.1%
Other <sup>d</sup>	27	2.1%
<b>Total</b>	<b>1,279</b>	<b>100%</b>

<sup>a</sup> 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.

<sup>b</sup> U.S. 2002 estimated population.

<sup>c</sup> Asian and Other Pacific Islanders, excluding Hawaiians.

<sup>d</sup> Includes hemophilia, blood transfusion, perinatal

# Hawai`i AIDS Cases, Reported through December 31, 2003

Year of Report	1983-1997	1998	1999	2000	2001	2002	2003	TOTAL
Cases by Year of Report	2,077	164	102	109	129	131	112	2,824
Rate per 100,000 Population *	N/A	13.5	8.4	8.9	10.5	10.7	9.0	N/A

Demoaraphics/Risk	No.	(%)								
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SEX	Male	1,957	(94)	147	(90)	94	(92)	94	(86)	114	(88)	118	(90)	95	(85)	2,619	(93)
	Female	120	(6)	17	(10)	8	(8)	15	(14)	15	(12)	13	(10)	17	(15)	205	(7)

AGE	<13	14	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	17	(<1)
	13-19	6	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	9	(<1)
	20-29	288	(14)	13	(8)	5	(5)	8	(7)	11	(9)	12	(9)	9	(8)	346	(12)
	30-39	919	(44)	80	(49)	43	(42)	36	(33)	55	(43)	50	(38)	44	(39)	1,227	(43)
	40-49	620	(30)	48	(29)	39	(38)	42	(39)	38	(29)	46	(35)	37	(33)	870	(31)
	>49	230	(11)	21	(13)	15	(15)	21	(19)	25	(19)	23	(18)	20	(18)	355	(13)

RACE	Non-Hispanic																							
	Caucasian	1,332	(64)	97	(59)	63	(62)	61	(56)	80	(62)	74	(56)	50	(45)	1,757	(62)							
	Asian/Hawaiian/PI	550	(26)	41	(25)	27	(26)	38	(35)	34	(26)	40	(31)	-	-	730	(26)							
	Asians	-	-	-	-	-	-	-	-	-	-	-	-	23	(21)	23	(1)							
	Hawaiian/Pacific Islander	-	-	-	-	-	-	-	-	-	-	-	-	18	(16)	18	(1)							
	African-American	85	(4)	9	(5)	7	(7)	4	(4)	3	(2)	8	(6)	9	(8)	125	(4)							
	American Indian/Alaskan	8	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	12	(<1)							
	Multiple Race	1	(<1)	-	-	-	-	1	(1)	2	(2)	1	(1)	6	(5)	11	(<1)							
Hispanic									101	(5)	14	(9)	5	(5)	5	(5)	9	(7)	8	(6)	6	(5)	148	(5)

- Beginning 2003, the new category for race/ethnicity, which follows the 1997 OMB standard from CDC's guideline, has been adopted in Hawaii. The new changes include: 1) Two ethnicity categories (Hispanic and non-Hispanic) are collected regardless of race; 2) Hawaiian/Other Pacific Islander category; 3) Multiple racial-information is collected.
- Due to the new category adoption, race/ethnicity information collected and compiled in this report are under two systems. The dash indicates that data collected and/or compiled during that year are not under race/ethnicity category. Also, persons reported as non-Hispanic may include persons whose ethnicity was unreported.

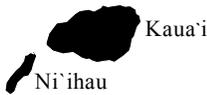
RISK	Male to Male Sex	1,607	(77)	116	(71)	70	(69)	68	(62)	86	(67)	85	(65)	60	(54)	2,092	(74)
	Injection Drug Use	139	(7)	21	(13)	6	(6)	8	(7)	10	(8)	10	(8)	4	(4)	198	(7)
	Male/Male Sex & IDU	155	(7)	6	(4)	8	(8)	5	(5)	2	(2)	6	(5)	5	(4)	187	(7)
	Female Heterosexual	64	(3)	8	(5)	3	(3)	8	(7)	6	(5)	4	(3)	8	(7)	101	(4)
	Male Heterosexual	29	(1)	4	(2)	5	(5)	3	(3)	4	(3)	2	(2)	3	(3)	50	(2)
	Transfusion	21	(1)	2	(1)	1	(1)	0	(0)	0	(0)	2	(2)	3	(3)	29	(1)
	Perinatal	11	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	14	(<1)
	Hemophiliac	18	(<1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	20	(<1)
	Undetermined	33	(2)	5	(3)	9	(9)	16	(15)	20	(16)	22	(17)	28	(25)	133	(5)

\* Each year's estimated population from The State of Hawaii Data Book 2002, <http://www.hawaii.gov/dbedt/db02/01/010602.xls>

HIV/AIDS Surveillance Program, 3627 Kilauea Avenue Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)  
[Http://www.state.hi.us/doh/resource/comm\\_dis/std\\_aids/aids\\_rep/](http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/)

## County Report Cumulative Cases (1983- December 31, 2003)

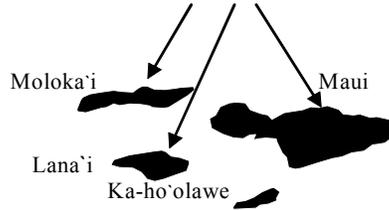
**Kaua'i County**  
124 cases (4%)



**Honolulu County**  
2,022 cases (72%)



**Maui County**  
301 cases (11%)

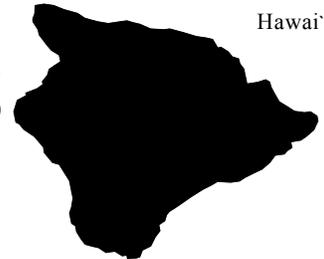


*AIDS Cases and Annual Rates per  
100,000 Population by County\*,  
Reported during 2003*

County	No.	(%)	Rate*
Honolulu	85	(75.9)	9.5
Hawai'i	10	(8.9)	6.5
Maui	12	(10.7)	8.9
Kaua'i	5	(4.5)	8.3
<b>Statewide</b>	<b>112</b>	<b>(100)</b>	<b>9.0</b>

This map indicates the number of diagnosed AIDS cases reported to the Department of Health through December 31, 2003. 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.

**Hawai'i County**  
377 cases (13%)



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

Cumulative Hawai'i AIDS cases reported 1983 to December 31, 2003    2,824                      Known Deaths    1,545 (54.7%)

### AIDS Cases by County: Five-year (1999 - 2003) and Cumulative Total (1983 – December 31, 2003)

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.	(%)	N	(%)	No.	(%)								
<b>SEX</b>	Male	341	(89)	1,883	(93)	70	(82)	337	(89)	80	(92)	284	(94)	24	(89)	115	(93)	515	(88)	2,619	(93)
	Female	43	(11)	139	(7)	15	(18)	40	(11)	7	(8)	17	(6)	3	(11)	9	(7)	68	(12)	205	(7)

<b>RISK</b>	Male to Male Sex	242	(63)	1,518	(75)	48	(56)	251	(67)	62	(71)	229	(76)	17	(63)	94	(76)	369	(63)	2,092	(74)
	Injection Drug Use	24	(6)	134	(7)	7	(8)	39	(10)	5	(6)	16	(5)	2	(7)	9	(7)	38	(7)	198	(7)
	Male/Male Sex & IDU	18	(5)	127	(6)	4	(5)	30	(8)	3	(3)	26	(9)	1	(4)	4	(3)	26	(4)	187	(7)
	Heterosexual Contact	26	(7)	97	(5)	12	(14)	31	(8)	5	(6)	14	(5)	3	(11)	9	(7)	46	(8)	151	(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	66	(17)	97	(5)	14	(16)	17	(5)	11	(13)	13	(4)	4	(15)	6	(5)	95	(16)	133	(5)
<b>Total Cases</b>	<b>384</b>		<b>2,022</b>		<b>85</b>		<b>377</b>		<b>87</b>		<b>301</b>		<b>27</b>		<b>124</b>		<b>583</b>		<b>2,824</b>		

01/1999– 12/2003 Cases (%)	384	(66)	85	(15)	87	(15)	27	(5)	583	(100)
Cumulative Cases (%)	2,022	(72)	377	(13)	301	(11)	124	(4)	2,824	(100)
2002 Estimated Population (%)		(72)		(12)		(11)		(5)	1,224,898	(100)

## AIDS Cases by Race/Ethnicity Reported from 1999 to 2003 (Five - Year)

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

<b>S E X</b>	Male	304 (93)	23 (74)	29 (88)	63 (82)	35 (88)	11 (100)	19 (86)	23 (77)	7 (70)	515 (88)
	Female	24 (7)	8 (26)	4 (12)	14 (18)	5 (13)	0 (0)	3 (14)	7 (23)	3 (30)	68 (12)
<b>R I S K</b>	Male to Male Sex	226 (69)	12 (39)	20 (61)	47 (61)	25 (63)	6 (55)	16 (73)	10 (33)	6 (60)	369 (63)
	Injection Drug Use	16 (5)	6 (19)	4 (12)	6 (8)	0 (0)	2 (18)	1 (5)	1 (3)	2 (20)	38 (7)
	Male/Male Sex & IDU	16 (5)	2 (6)	2 (6)	4 (5)	1 (3)	0 (0)	1 (5)	0 (0)	0 (0)	26 (4)
	Heterosexual	20 (6)	3 (10)	2 (6)	10 (13)	5 (13)	1 (9)	2 (9)	2 (7)	1 (10)	46 (8)
	Transfusion	1 (<1)	0 (0)	1 (3)	1 (1)	1 (3)	0 (0)	0 (0)	0 (0)	2 (7)	6 (1)
	Perinatal	1 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	2 (<1)
	Hemophiliac	1 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (<1)
	Undetermined	47 (14)	8 (26)	4 (12)	9 (12)	8 (20)	2 (18)	2 (9)	14 (47)	1 (10)	95 (16)
<b>5-Year Cases</b>		328	31	33	77	40	11	22	30	10	583

<b>Cumulative Cases (%)</b>	1,757 (62)	125 (4)	148 (5)	308 (11)	151 (5)	62 (2)	123 (4)	127 (4)	11 (<1)	2,824(100)
<b>5 Year Cases (%)</b>	328 (56)	31 (5)	33 (6)	77 (13)	40 (7)	11 (2)	22 (4)	30 (5)	10 (2)	583 (100)
<b>Year 2003 Cases (%)</b>	50 (45)	9 (8)	6 (5)	11 (10)	9 (8)	4 (4)	7 (6)	10 (9)	6 (5)	112 (100)
<b>2003 Annual Rate per 100,000 population<sup>c</sup></b>	17.0	40.9	6.8	13.7	5.3	7.1	3.5	3.2	2.3	9.2

<sup>a</sup>. This data collection began in 2003.

<sup>b</sup>. Totals include American Indians, with no case reported in 2003; 1 case in previous 5-year period; 12 cases as of December, 31 2003.

<sup>c</sup>. 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 (<200 $\mu$ l/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 be directed to the HIV/AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax), or qsandy@lava.net (e-mail).**