

TABLE 1. Demographic Information on Prevalent HIV/AIDS Cases Living in OAKLAND CO. at Diagnosis

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2006 ESTIMATES	
		HIV, not AIDS		AIDS		Total		Rate per 100,000[§]	Number Percent
RACE/ ETHNICITY[¶]	Number	Number	Percent	Number	Percent	Number	Percent		
White	1,190	389	(56%)	445	(60%)	834	(58%)	87.9	949,209 (78%)
Black	750	264	(38%)	257	(35%)	521	(36%)	357.8	145,602 (12%)
Hispanic	70	20	(3%)	27	(4%)	47	(3%)	130.8	35,930 (3%)
Asian/PI	20	5	(1%)	9	(1%)	14	(1%)	21.0	66,674 (5%)
Am Indian/AN	10	<5	**	<5	**	<5	**	**	2,890 (<1%)
Multi/Unk	20	10	(1%)	<5	**	14	(1%)	N/A	13,950 (1%)
SEX & RACE									
Males	1,730	576	(84%)	631	(85%)	1207	(84%)	201.8	598,221 (49%)
White Males	1,100	356	(52%)	415	(56%)	771	(54%)	164.0	470,230 (39%)
Black Males	540	193	(28%)	185	(25%)	378	(26%)	560.4	67,456 (6%)
Hispanic Males	50	16	(2%)	20	(3%)	36	(3%)	192.0	18,751 (2%)
Other Males	30	11	(2%)	11	(1%)	22	(2%)	52.7	41,784 (3%)
Females	320	113	(16%)	112	(15%)	225	(16%)	36.5	616,034 (51%)
White Females	90	33	(5%)	30	(4%)	63	(4%)	13.2	478,979 (39%)
Black Females	200	71	(10%)	72	(10%)	143	(10%)	183.0	78,146 (6%)
Hispanic Fmls	20	<5	**	7	(1%)	11	(1%)	64.0	17,179 (1%)
Other Females	10	5	(1%)	<5	**	8	(1%)	---	41,730 (3%)
RISK*									
Male-Male Sex	1,280	431	(63%)	464	(62%)	895	(63%)	N/A	N/A N/A
Injection Drug Use	120	33	(5%)	51	(7%)	84	(6%)	N/A	N/A N/A
MSM/IDU	70	20	(3%)	32	(4%)	52	(4%)	N/A	N/A N/A
Blood Products	30	8	(1%)	10	(1%)	18	(1%)	N/A	N/A N/A
Heterosexual	230	82	(12%)	77	(10%)	159	(11%)	N/A	N/A N/A
HRH	160	52	(8%)	57	(8%)	109	(8%)	N/A	N/A N/A
PH-Female	70	30	(4%)	20	(3%)	50	(3%)	N/A	N/A N/A
Perinatal	20	9	(1%)	7	(1%)	16	(1%)	N/A	N/A N/A
Undetermined	300	106	(15%)	102	(14%)	208	(15%)	N/A	N/A N/A
PH-Male	150	49	(7%)	56	(8%)	105	(7%)	N/A	N/A N/A
Unknown	150	57	(8%)	46	(6%)	103	(7%)	N/A	N/A N/A
AGE AT HIV DIAGNOSIS									
0 - 12 years	30	10	(1%)	8	(1%)	18	(1%)	N/A	N/A N/A
13 - 19 years	40	17	(2%)	14	(2%)	31	(2%)	N/A	N/A N/A
20 - 24 years	230	94	(14%)	64	(9%)	158	(11%)	N/A	N/A N/A
25 - 29 years	350	122	(18%)	124	(17%)	246	(17%)	N/A	N/A N/A
30 - 39 years	780	265	(38%)	282	(38%)	547	(38%)	N/A	N/A N/A
40 - 49 years	450	138	(20%)	177	(24%)	315	(22%)	N/A	N/A N/A
50 - 59 years	140	32	(5%)	69	(9%)	101	(7%)	N/A	N/A N/A
60 years and over	20	11	(2%)	5	(1%)	16	(1%)	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	2,050	689 (100%)		743 (100%)		1,432 (100%)		118	1,214,255 (100%)

*See page 4 for descriptions of prevalence estimate calculations and new risk category groupings. Risk categories used in Michigan are newly defined as of the July 2007 quarter.

[†] Includes reports that contain patient name or are otherwise unduplicated. <5 and "*" = 1, 2, 3, or 4 cases.

[§] To calculate "1 out of x" statements, divide the census number by total reported prevalence. For example, for non-Hispanic whites: 949,209 / 834 = 1,138. Thus, 1 out of every 1,138 non-Hispanic white persons in OAKLAND CO. are living with HIV. Rates and "1 out of x" statements are not reliable for <10 cases. Thus, rates for <10 cases are shown as "----".

[¶] In this report, persons described as white, black, Asian/Pacific Islander (PI), or American Indian/Alaska Native (AN) are all non-Hispanic; persons described as Hispanic might be of any race.

TABLE 2. Sex, Race, and Risk Among Prevalent HIV/AIDS Cases in OAKLAND CO.

MALES	White	Black	Hispanic	Other or Unknown	Male Subtotal
Male-Male sex	611 (79%)	247 (65%)	24 (67%)	13 (59%)	895 (74%)
Injecting Drug Use	22 (3%)	29 (8%)	5 (14%)	<5 **	58 (5%)
Male-Male Sex/IDU	39 (5%)	12 (3%)	0 (0%)	<5 **	52 (4%)
Blood Products	11 (1%)	0 (0%)	<5 **	<5 **	13 (1%)
Heterosexual*	9 (1%)	15 (4%)	<5 **	0 (0%)	26 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	9 (1%)
Undetermined	75 (10%)	71 (19%)	<5 **	<5 **	154 (13%)
<i>PH-Male</i>	44 (6%)	54 (14%)	<5 **	<5 **	105 (9%)
<i>Unknown</i>	31 (4%)	17 (4%)	<5 **	0 (0%)	49 (4%)
Male Subtotal	771 (64%)	378 (31%)	36 (3%)	22 (2%)	1207 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	8 (13%)	15 (10%)	<5 **	0 (0%)	26 (12%)
Blood Products	<5 **	<5 **	0 (0%)	0 (0%)	5 (2%)
Heterosexual	36 (57%)	84 (59%)	8 (73%)	5 (63%)	133 (59%)
<i>HRH</i>	25 (40%)	49 (34%)	7 (64%)	<5 **	83 (37%)
<i>PH-Female</i>	11 (17%)	35 (24%)	<5 **	<5 **	50 (22%)
Perinatal	<5 **	<5 **	0 (0%)	0 (0%)	7 (3%)
Undetermined*	12 (19%)	39 (27%)	0 (0%)	<5 **	54 (24%)
Female Subtotal	63 (28%)	143 (64%)	11 (5%)	8 (4%)	225 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	611 (73%)	247 (47%)	24 (51%)	13 (43%)	895 (63%)
Injecting Drug Use	30 (4%)	44 (8%)	8 (17%)	<5 **	84 (6%)
Male-Male Sex/IDU	39 (5%)	12 (2%)	0 (0%)	<5 **	52 (4%)
Blood Products	15 (2%)	<5 **	<5 **	<5 **	18 (1%)
Heterosexual	45 (5%)	99 (19%)	10 (21%)	5 (17%)	159 (11%)
<i>HRH</i>	34 (4%)	64 (12%)	9 (19%)	<5 **	109 (8%)
<i>PH-Female</i>	11 (1%)	35 (7%)	<5 **	<5 **	50 (3%)
Perinatal	7 (1%)	8 (2%)	0 (0%)	<5 **	16 (1%)
Undetermined	87 (10%)	110 (21%)	<5 **	7 (23%)	208 (15%)
<i>PH-Male</i>	44 (5%)	54 (10%)	<5 **	<5 **	105 (7%)
<i>Unknown</i>	43 (5%)	56 (11%)	<5 **	<5 **	103 (7%)
RACE TOTAL	834 (58%)	521 (36%)	47 (3%)	30 (2%)	1432 (100%)

*In the male subset all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males and, likewise, in the female subset, all cases in the undetermined category are of unknown risk because the PH-Male category is not applicable to females. See page 4 for additional details about the changes to Michigan's risk categories.

TABLE 3. New Diagnoses, Deaths, and Prevalence of HIV/AIDS in OAKLAND CO. by Year

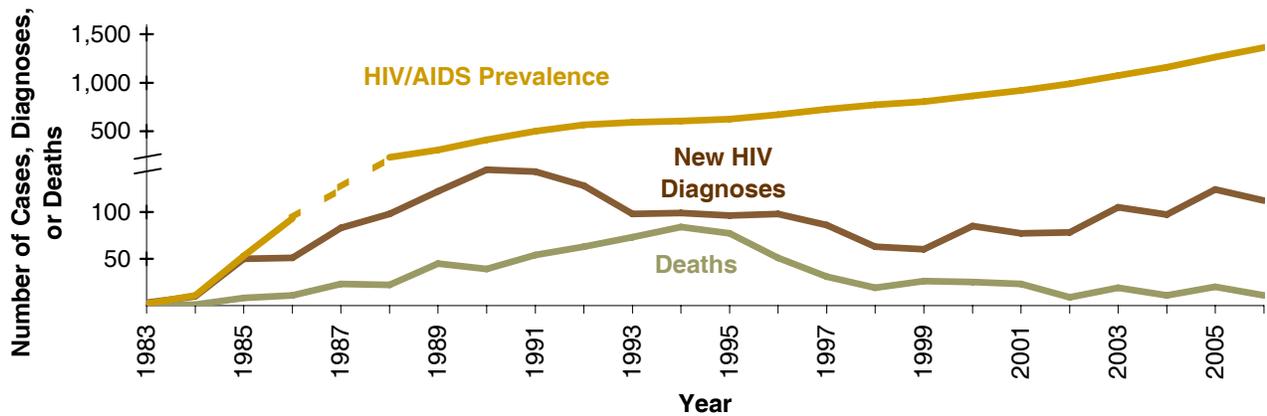
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	3	1	2	2	1	1
1984	10	1	11	8	1	8
1985	50	8	53	11	8	11
1986	51	11	93	17	11	17
1987	83	23	153	43	23	37
1988	98	22	229	53	22	68
1989	122	45	306	61	45	84
1990	145	39	412	79	37	126
1991	143	54	501	94	51	169
1992	128	63	566	109	61	217
1993	98	73	591	106	69	254
1994	99	84	606	91	83	262
1995	96	77	625	90	74	278
1996	98	51	672	75	45	308
1997	86	31	727	59	28	339
1998	63	19	771	40	16	363
1999	60	26	805	38	23	378
2000	85	25	865	54	25	407
2001	77	23	919	53	20	440
2002	78	9	988	47	8	479
2003	105	19	1,074	69	18	530
2004	97	11	1,160	53	9	574
2005	124	20	1,264	82	18	638
2006	112	11	1,365	79	11	706
2007	78	11	1,432	47	10	743
TOTAL	2,189	757		1,460	717	

The prevalence of HIV in Michigan has steadily increased, since persons with HIV are living longer. This is largely due to improved anti-retroviral therapy.

The increase in HIV prevalence is also reflected in Figure 1 on page 5, which shows that the number of persons diagnosed, while stable for the last several years, is greater than the number of deaths each year. This directly contributes to the increase in prevalence. The current reported prevalence of HIV/AIDS in OAKLAND CO. is 1,432. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 743.

As implied, the HIV/AIDS section displays data on all persons with HIV, including those with AIDS, as well as those who have not been diagnosed with AIDS. Thus, persons represented in the AIDS section are also represented in the HIV/AIDS section. The number of reported deaths includes deaths directly attributable to presence of HIV/AIDS as well as deaths due to other causes.

NOTE: Reporting for recent years may not be complete. Data are not adjusted to account for reporting delays.

FIGURE 1. New Diagnoses, Deaths, and Prevalence of HIV/AIDS in OAKLAND CO. by Year**TABLE 4. Comparison of HIV/AIDS Prevalence in OAKLAND CO. to State**

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Oakland Co.	2,050	689	743	1,432	118	1,460
Michigan Total	18,000	6,325	6,995	13,320	132	15,579

ADDITIONAL NOTES

Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in OAKLAND CO. at diagnosis of HIV or AIDS and incorporates an approximation of those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. Prevalence estimates were most recently revised in January 2008, so the estimates in this report may vary in comparison to reports published before the revision.

Risk Groups

In June 2007, the CSTE issued a position statement proposing the creation of a "presumed heterosexual" category. As a result, the following changes were made to Michigan's HIV risk categories.

Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females who are not injection drug users and whose only reported risk is heterosexual contact, but their male partners' risk and HIV status are unknown.

Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.



Jennifer M. Granholm, Governor
Janet Olszewski, Director

Michigan Department of Community Health
HIV/STD/VH/TB Epidemiology Section
Division of Communicable Disease
Bureau of Epidemiology

<http://www.michigan.gov/hivstd>

Lansing Office 201 Townsend St., 5th Floor
Lansing, MI 48913
517-335-8165

Detroit Office 1151 Taylor St., Room 211B
Detroit, MI 48202
313-876-0353