

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

	EST PREV*		REPORTED PREVALENCE[†]					CENSUS 2006 ESTIMATES			
	Number		HIV, not AIDS		AIDS		Total		Rate per 100,000 [§]	Number	Percent
			Number	Percent	Number	Percent	Number	Percent			
RACE/ ETHNICITY[¶]											
White	1,130		386	(55%)	456	(59%)	842	(57%)	88.7	949,209	(78%)
Black	730		274	(39%)	268	(35%)	542	(37%)	372.2	145,602	(12%)
Hispanic	70		23	(3%)	29	(4%)	52	(4%)	144.7	35,930	(3%)
Asian/PI	20		8	(1%)	10	(1%)	18	(1%)	27.0	66,674	(5%)
Am Indian/AN	10		<5	**	<5	**	<5	**	**	2,890	(<1%)
Multi/Unk	20		8	(1%)	8	(1%)	16	(1%)	N/A	13,950	(1%)
SEX & RACE											
Males	1,670		585	(83%)	657	(85%)	1242	(84%)	207.6	598,221	(49%)
White Males	1,050		353	(50%)	426	(55%)	779	(53%)	165.7	470,230	(39%)
Black Males	530		201	(29%)	195	(25%)	396	(27%)	587.0	67,456	(6%)
Hispanic Males	50		19	(3%)	21	(3%)	40	(3%)	213.3	18,751	(2%)
Other Males	40		12	(2%)	15	(2%)	27	(2%)	64.6	41,784	(3%)
Females	310		116	(17%)	115	(15%)	231	(16%)	37.5	616,034	(51%)
White Females	80		33	(5%)	30	(4%)	63	(4%)	13.2	478,979	(39%)
Black Females	200		73	(10%)	73	(9%)	146	(10%)	186.8	78,146	(6%)
Hispanic Fmls	20		<5	**	8	(1%)	12	(1%)	69.9	17,179	(1%)
Other Females	10		6	(1%)	<5	**	10	(1%)	24.0	41,730	(3%)
RISK*											
Male-Male Sex	1,240		440	(63%)	484	(63%)	924	(63%)	N/A	N/A	N/A
Injection Drug Use	110		31	(4%)	53	(7%)	84	(6%)	N/A	N/A	N/A
MSM/IDU	80		22	(3%)	35	(5%)	57	(4%)	N/A	N/A	N/A
Blood Products	20		8	(1%)	8	(1%)	16	(1%)	N/A	N/A	N/A
Heterosexual	230		85	(12%)	86	(11%)	171	(12%)	N/A	N/A	N/A
HRH	160		52	(7%)	65	(8%)	117	(8%)	N/A	N/A	N/A
PH-Female	70		33	(5%)	21	(3%)	54	(4%)	N/A	N/A	N/A
Perinatal	20		8	(1%)	7	(1%)	15	(1%)	N/A	N/A	N/A
Undetermined	280		107	(15%)	99	(13%)	206	(14%)	N/A	N/A	N/A
PH-Male	140		48	(7%)	57	(7%)	105	(7%)	N/A	N/A	N/A
Unknown	140		59	(8%)	42	(5%)	101	(7%)	N/A	N/A	N/A
AGE AT HIV DIAGNOSIS											
0 - 12 years	20		9	(1%)	8	(1%)	17	(1%)	N/A	N/A	N/A
13 - 19 years	60		25	(4%)	17	(2%)	42	(3%)	N/A	N/A	N/A
20 - 24 years	220		97	(14%)	67	(9%)	164	(11%)	N/A	N/A	N/A
25 - 29 years	340		128	(18%)	126	(16%)	254	(17%)	N/A	N/A	N/A
30 - 39 years	740		261	(37%)	293	(38%)	554	(38%)	N/A	N/A	N/A
40 - 49 years	440		141	(20%)	184	(24%)	325	(22%)	N/A	N/A	N/A
50 - 59 years	130		29	(4%)	71	(9%)	100	(7%)	N/A	N/A	N/A
60 years and over	20		11	(2%)	6	(1%)	17	(1%)	N/A	N/A	N/A
Unspecified	0		0	(0%)	0	(0%)	0	(0%)	N/A	N/A	N/A
TOTAL	1,980		701 (100%)		772 (100%)		1,473 (100%)		121	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 / 842 = 1,127. Thus, 1 out of every 1,127 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	619 (79%)	261 (66%)	28 (70%)	16 (59%)	924 (74%)
Injecting Drug Use	22 (3%)	28 (7%)	5 (13%)	<5 **	57 (5%)
Male-Male Sex/IDU	40 (5%)	15 (4%)	0 (0%)	<5 **	57 (5%)
Blood Products	11 (1%)	0 (0%)	<5 **	<5 **	13 (1%)
Heterosexual*	9 (1%)	19 (5%)	<5 **	0 (0%)	30 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	8 (1%)
Undetermined	75 (10%)	69 (17%)	<5 **	5 (19%)	153 (12%)
<i>PH-Male</i>	46 (6%)	51 (13%)	<5 **	5 (19%)	105 (8%)
<i>Unknown</i>	29 (4%)	18 (5%)	<5 **	0 (0%)	48 (4%)
Male Subtotal	779 (63%)	396 (32%)	40 (3%)	27 (2%)	1242 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	8 (13%)	16 (11%)	<5 **	0 (0%)	27 (12%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	37 (59%)	88 (60%)	9 (75%)	7 (70%)	141 (61%)
<i>HRH</i>	25 (40%)	50 (34%)	8 (67%)	<5 **	87 (38%)
<i>PH-Female</i>	12 (19%)	38 (26%)	<5 **	<5 **	54 (23%)
Perinatal	<5 **	<5 **	0 (0%)	0 (0%)	7 (3%)
Undetermined*	12 (19%)	38 (26%)	0 (0%)	<5 **	53 (23%)
Female Subtotal	63 (27%)	146 (63%)	12 (5%)	10 (4%)	231 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	619 (74%)	261 (48%)	28 (54%)	16 (43%)	924 (63%)
Injecting Drug Use	30 (4%)	44 (8%)	8 (15%)	<5 **	84 (6%)
Male-Male Sex/IDU	40 (5%)	15 (3%)	0 (0%)	<5 **	57 (4%)
Blood Products	14 (2%)	0 (0%)	<5 **	<5 **	16 (1%)
Heterosexual	46 (5%)	107 (20%)	11 (21%)	7 (19%)	171 (12%)
<i>HRH</i>	34 (4%)	69 (13%)	10 (19%)	<5 **	117 (8%)
<i>PH-Female</i>	12 (1%)	38 (7%)	<5 **	<5 **	54 (4%)
Perinatal	6 (1%)	8 (1%)	0 (0%)	<5 **	15 (1%)
Undetermined	87 (10%)	107 (20%)	<5 **	8 (22%)	206 (14%)
<i>PH-Male</i>	46 (5%)	51 (9%)	<5 **	5 (14%)	105 (7%)
<i>Unknown</i>	41 (5%)	56 (10%)	<5 **	<5 **	101 (7%)
RACE TOTAL	842 (57%)	542 (37%)	52 (4%)	37 (3%)	1473 (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

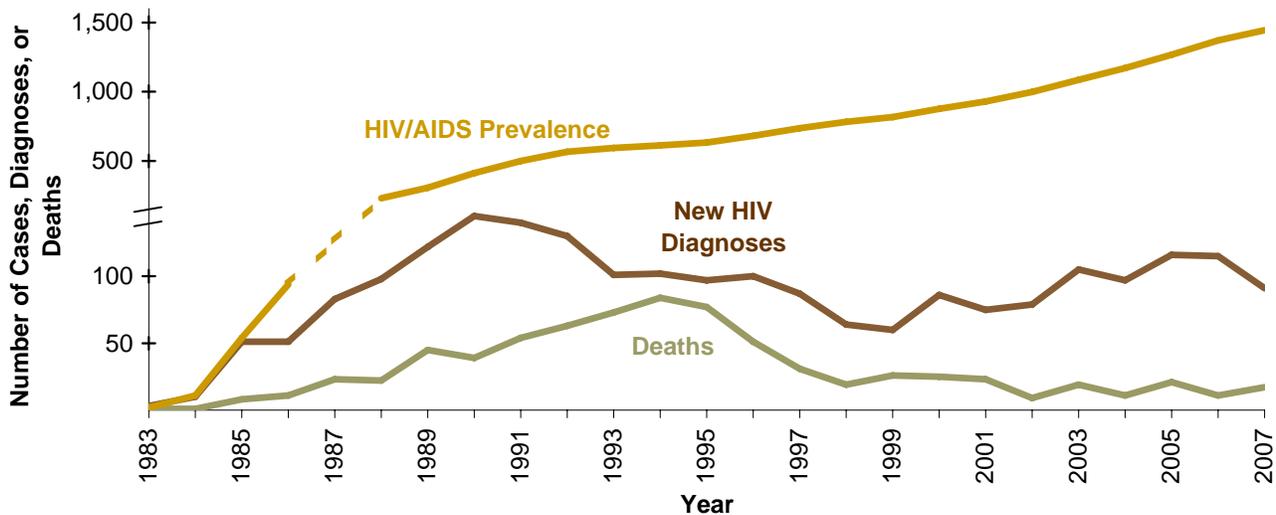
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	3	1	2	2	1	1
1984	10	1	11	8	1	8
1985	51	8	54	11	8	11
1986	51	11	94	17	11	17
1987	83	23	154	43	23	37
1988	98	22	230	53	22	68
1989	122	45	307	61	45	84
1990	145	39	413	79	37	126
1991	140	54	499	93	51	168
1992	130	63	566	109	61	216
1993	101	73	594	106	69	253
1994	102	84	612	93	83	263
1995	97	77	632	93	74	282
1996	100	51	681	76	45	313
1997	87	31	737	59	28	344
1998	64	19	782	41	16	369
1999	60	26	816	38	23	384
2000	86	25	877	54	25	413
2001	75	23	929	52	20	445
2002	79	9	999	48	8	485
2003	105	19	1,085	69	18	536
2004	97	11	1,171	54	9	581
2005	116	21	1,266	77	18	640
2006	115	11	1,370	79	11	708
2007	91	17	1,444	60	16	752
2008	31	2	1,473	22	2	772
TOTAL	2,239	766		1,497	725	

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 1,473. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 772.

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**

<i>Residence at Diagnosis</i>	<i>Estimated Prevalence</i>	<i>Reported Prevalence</i>				<i>Cumulative AIDS</i>
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>	<i>Rate</i>	
Oakland Co.	1,980	701	772	1,473	121	1,497
Michigan Total	18,000	6,352	7,259	13,611	135	15,934

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.

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