

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

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2008 ESTIMATES			
		HIV, not AIDS		AIDS		Total		Rate per 100,000[§]	Number Percent		
	Number	Number	Percent	Number	Percent	Number	Percent			Number	Percent
RACE/ ETHNICITY[¶]											
White	1,160	428	(53%)	475	(55%)	903	(54%)	97.0	930,931	(77%)	
Black	840	331	(41%)	320	(37%)	651	(39%)	436.5	149,144	(12%)	
Hispanic	80	28	(3%)	35	(4%)	63	(4%)	166.5	37,842	(3%)	
Asian/PI	30	10	(1%)	10	(1%)	20	(1%)	30.4	65,897	(5%)	
Am Indian/AN	10	<5	**	<5	**	<5	**	**	2,865	(<1%)	
Multi/Unk	40	12	(1%)	17	(2%)	29	(2%)	N/A	15,495	(1%)	
SEX & RACE											
Males	1,800	667	(82%)	727	(85%)	1,394	(84%)	235.4	592,141	(49%)	
White Males	1,070	386	(48%)	445	(52%)	831	(50%)	180.1	461,456	(38%)	
Black Males	610	243	(30%)	233	(27%)	476	(29%)	692.6	68,730	(6%)	
Hispanic Males	60	24	(3%)	26	(3%)	50	(3%)	255.2	19,596	(2%)	
Other Males	50	14	(2%)	23	(3%)	37	(2%)	87.3	42,359	(4%)	
Females	350	144	(18%)	131	(15%)	275	(16%)	45.1	610,033	(51%)	
White Females	90	42	(5%)	30	(3%)	72	(4%)	15.3	469,475	(39%)	
Black Females	230	88	(11%)	87	(10%)	175	(10%)	217.6	80,414	(7%)	
Hispanic Fmls	20	<5	**	9	(1%)	13	(1%)	71.2	18,246	(2%)	
Other Females	20	10	(1%)	5	(1%)	15	(1%)	35.8	41,898	(3%)	
RISK*											
Male-Male Sex	1,320	499	(62%)	525	(61%)	1,024	(61%)	N/A	N/A	N/A	
Injection Drug Use	110	35	(4%)	54	(6%)	89	(5%)	N/A	N/A	N/A	
MSM/IDU	80	23	(3%)	40	(5%)	63	(4%)	N/A	N/A	N/A	
Blood Products	20	8	(1%)	7	(1%)	15	(1%)	N/A	N/A	N/A	
Heterosexual	260	106	(13%)	98	(11%)	204	(12%)	N/A	N/A	N/A	
HRH	170	59	(7%)	74	(9%)	133	(8%)	N/A	N/A	N/A	
PH-Female	90	47	(6%)	24	(3%)	71	(4%)	N/A	N/A	N/A	
Perinatal	20	9	(1%)	8	(1%)	17	(1%)	N/A	N/A	N/A	
Undetermined	330	131	(16%)	126	(15%)	257	(15%)	N/A	N/A	N/A	
PH-Male	160	57	(7%)	67	(8%)	124	(7%)	N/A	N/A	N/A	
Unknown	170	74	(9%)	59	(7%)	133	(8%)	N/A	N/A	N/A	
AGE AT HIV DIAGNOSIS											
0 - 12 years	20	10	(1%)	9	(1%)	19	(1%)	N/A	N/A	N/A	
13 - 19 years	80	38	(5%)	23	(3%)	61	(4%)	N/A	N/A	N/A	
20 - 24 years	240	114	(14%)	73	(9%)	187	(11%)	N/A	N/A	N/A	
25 - 29 years	370	157	(19%)	134	(16%)	291	(17%)	N/A	N/A	N/A	
30 - 39 years	770	272	(34%)	322	(38%)	594	(36%)	N/A	N/A	N/A	
40 - 49 years	490	163	(20%)	214	(25%)	377	(23%)	N/A	N/A	N/A	
50 - 59 years	160	46	(6%)	76	(9%)	122	(7%)	N/A	N/A	N/A	
60 years and over	20	11	(1%)	7	(1%)	18	(1%)	N/A	N/A	N/A	
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A	N/A	
TOTAL	2,150	811 (100%)		858 (100%)		1,669 (100%)		139	1,202,174 (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: 930,931 / 903 = 1,031. Thus, 1 out of every 1,031 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	653 (79%)	315 (66%)	33 (66%)	23 (62%)	1,024 (73%)
Injecting Drug Use	25 (3%)	28 (6%)	<5 **	<5 **	60 (4%)
Male-Male Sex/IDU	43 (5%)	17 (4%)	0 (0%)	<5 **	63 (5%)
Blood Products	10 (1%)	0 (0%)	<5 **	<5 **	12 (1%)
Heterosexual*	9 (1%)	20 (4%)	<5 **	<5 **	32 (2%)
Perinatal	<5 **	5 (1%)	0 (0%)	<5 **	10 (1%)
Undetermined	88 (11%)	91 (19%)	10 (20%)	<5 **	193 (14%)
<i>PH-Male</i>	48 (6%)	66 (14%)	6 (12%)	<5 **	124 (9%)
<i>Unknown</i>	40 (5%)	25 (5%)	<5 **	0 (0%)	69 (5%)
Male Subtotal	831 (60%)	476 (34%)	50 (4%)	37 (3%)	1,394 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	10 (14%)	16 (9%)	<5 **	0 (0%)	29 (11%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	43 (60%)	111 (63%)	10 (77%)	8 (53%)	172 (63%)
<i>HRH</i>	29 (40%)	58 (33%)	9 (69%)	5 (33%)	101 (37%)
<i>PH-Female</i>	14 (19%)	53 (30%)	<5 **	<5 **	71 (26%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	7 (3%)
Undetermined*	14 (19%)	44 (25%)	0 (0%)	6 (40%)	64 (23%)
Female Subtotal	72 (26%)	175 (64%)	13 (5%)	15 (5%)	275 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	653 (72%)	315 (48%)	33 (52%)	23 (44%)	1,024 (61%)
Injecting Drug Use	35 (4%)	44 (7%)	7 (11%)	<5 **	89 (5%)
Male-Male Sex/IDU	43 (5%)	17 (3%)	0 (0%)	<5 **	63 (4%)
Blood Products	13 (1%)	0 (0%)	<5 **	<5 **	15 (1%)
Heterosexual	52 (6%)	131 (20%)	12 (19%)	9 (17%)	204 (12%)
<i>HRH</i>	38 (4%)	78 (12%)	11 (17%)	6 (12%)	133 (8%)
<i>PH-Female</i>	14 (2%)	53 (8%)	<5 **	<5 **	71 (4%)
Perinatal	5 (1%)	9 (1%)	0 (0%)	<5 **	17 (1%)
Undetermined	102 (11%)	135 (21%)	10 (16%)	10 (19%)	257 (15%)
<i>PH-Male</i>	48 (5%)	66 (10%)	6 (10%)	<5 **	124 (7%)
<i>Unknown</i>	54 (6%)	69 (11%)	<5 **	6 (12%)	133 (8%)
RACE TOTAL	903 (54%)	651 (39%)	63 (4%)	52 (3%)	1,669 (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	99	22	231	53	22	68
1989	121	45	307	61	45	84
1990	145	39	413	79	37	126
1991	138	54	497	92	51	167
1992	125	63	559	109	61	215
1993	100	73	586	106	69	252
1994	100	84	602	93	83	262
1995	97	77	622	93	74	281
1996	101	51	672	78	45	314
1997	88	31	729	59	28	345
1998	64	19	774	41	16	370
1999	62	26	810	39	23	386
2000	86	25	871	53	25	414
2001	78	23	926	52	20	446
2002	82	9	999	48	8	486
2003	105	19	1,085	69	18	537
2004	90	12	1,163	54	10	581
2005	114	23	1,254	89	20	650
2006	113	16	1,351	75	15	710
2007	89	17	1,423	54	16	748
2008	91	17	1,497	51	17	782
2009	126	12	1,611	57	8	831
2010 [†]	64	6	1,669	32	5	858
TOTAL	2,476	807		1,618	760	

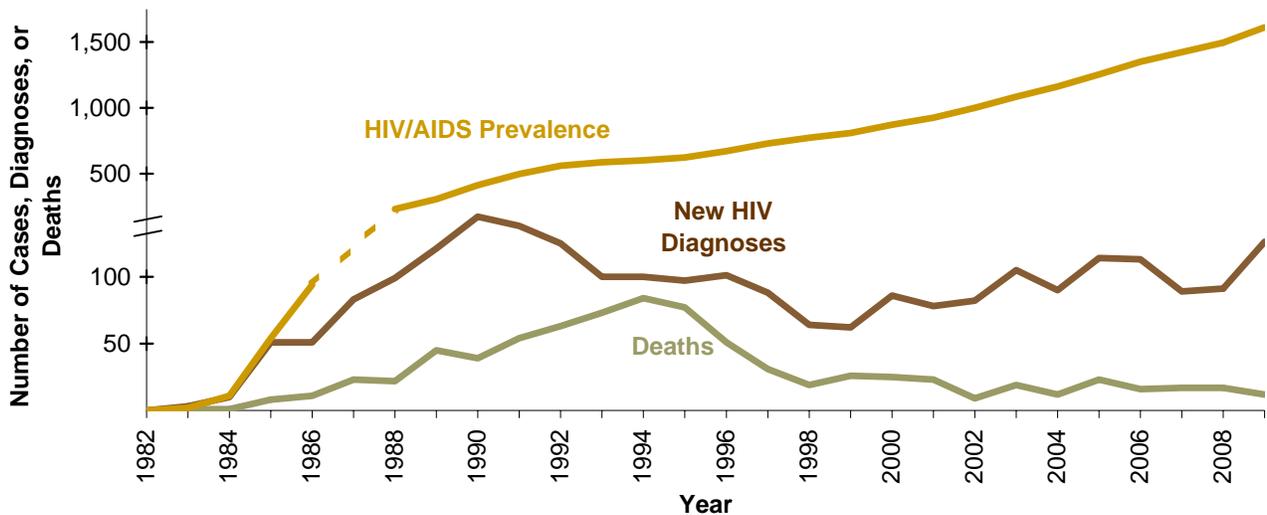
[†] Reporting for 2010 is incomplete at this time.

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 1,669. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 858.

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.	2,150	811	858	1,669	139	1,618
Michigan Total	18,800	6,791	7,990	14,781	148	17,085

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 2010, 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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