

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

	<b>EST PREV*</b>	<b>REPORTED PREVALENCE<sup>†</sup></b>						<b>CENSUS 2008 ESTIMATES</b>	
		<b>HIV, not AIDS</b>		<b>AIDS</b>		<b>Total</b>		<b>Rate per 100,000<sup>§</sup></b>	
	<b>Number</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
<b>RACE/ ETHNICITY<sup>¶</sup></b>									
White	1,150	410	(52%)	467	(56%)	877	(54%)	94.2	930,931 (77%)
Black	840	338	(43%)	307	(37%)	645	(40%)	432.5	149,144 (12%)
Hispanic	80	25	(3%)	34	(4%)	59	(4%)	155.9	37,842 (3%)
Asian/PI	20	9	(1%)	10	(1%)	19	(1%)	28.8	65,897 (5%)
Am Indian/AN	10	<5	**	<5	**	<5	**	**	2,865 (<1%)
Multi/Unk	30	10	(1%)	16	(2%)	26	(2%)	N/A	15,495 (1%)
<b>SEX &amp; RACE</b>									
Males	1,780	650	(82%)	708	(85%)	1,358	(83%)	229.3	592,141 (49%)
White Males	1,050	368	(46%)	437	(52%)	805	(49%)	174.4	461,456 (38%)
Black Males	620	249	(31%)	224	(27%)	473	(29%)	688.2	68,730 (6%)
Hispanic Males	60	21	(3%)	25	(3%)	46	(3%)	234.7	19,596 (2%)
Other Males	40	12	(2%)	22	(3%)	34	(2%)	80.3	42,359 (4%)
Females	350	144	(18%)	127	(15%)	271	(17%)	44.4	610,033 (51%)
White Females	90	42	(5%)	30	(4%)	72	(4%)	15.3	469,475 (39%)
Black Females	220	89	(11%)	83	(10%)	172	(11%)	213.9	80,414 (7%)
Hispanic Fmls	20	<5	**	9	(1%)	13	(1%)	71.2	18,246 (2%)
Other Females	20	9	(1%)	5	(1%)	14	(1%)	33.4	41,898 (3%)
<b>RISK*</b>									
Male-Male Sex	1,310	486	(61%)	517	(62%)	1,003	(62%)	N/A	N/A N/A
Injection Drug Use	110	33	(4%)	54	(6%)	87	(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%)	8	(1%)	16	(1%)	N/A	N/A N/A
Heterosexual	260	108	(14%)	93	(11%)	201	(12%)	N/A	N/A N/A
HRH	170	60	(8%)	71	(9%)	131	(8%)	N/A	N/A N/A
PH-Female	90	48	(6%)	22	(3%)	70	(4%)	N/A	N/A N/A
Perinatal	20	8	(1%)	8	(1%)	16	(1%)	N/A	N/A N/A
Undetermined	320	128	(16%)	115	(14%)	243	(15%)	N/A	N/A N/A
PH-Male	160	57	(7%)	62	(7%)	119	(7%)	N/A	N/A N/A
Unknown	160	71	(9%)	53	(6%)	124	(8%)	N/A	N/A N/A
<b>AGE AT HIV DIAGNOSIS</b>									
0 - 12 years	20	9	(1%)	9	(1%)	18	(1%)	N/A	N/A N/A
13 - 19 years	70	37	(5%)	20	(2%)	57	(3%)	N/A	N/A N/A
20 - 24 years	250	117	(15%)	71	(9%)	188	(12%)	N/A	N/A N/A
25 - 29 years	380	153	(19%)	134	(16%)	287	(18%)	N/A	N/A N/A
30 - 39 years	760	266	(34%)	314	(38%)	580	(36%)	N/A	N/A N/A
40 - 49 years	480	161	(20%)	204	(24%)	365	(22%)	N/A	N/A N/A
50 - 59 years	150	40	(5%)	76	(9%)	116	(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
<b>TOTAL</b>	<b>2,130</b>	<b>794 (100%)</b>		<b>835 (100%)</b>		<b>1,629 (100%)</b>		<b>136</b>	<b>1,202,174 (100%)</b>

\*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.

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

<sup>§</sup> To calculate "1 out of x" statements, divide the census number by total reported prevalence. For example, for non-Hispanic whites: 930,931 / 877 = 1,061. Thus, 1 out of every 1,061 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 "----".

<sup>¶</sup> 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.**

<b>MALES</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>Male Subtotal</b>
Male-Male sex	638 (79%)	311 (66%)	32 (70%)	22 (65%)	1,003 (74%)
Injecting Drug Use	23 (3%)	29 (6%)	<5 **	<5 **	58 (4%)
Male-Male Sex/IDU	43 (5%)	17 (4%)	0 (0%)	<5 **	63 (5%)
Blood Products	11 (1%)	0 (0%)	<5 **	<5 **	13 (1%)
Heterosexual*	9 (1%)	21 (4%)	<5 **	0 (0%)	32 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	9 (1%)
Undetermined	78 (10%)	91 (19%)	7 (15%)	<5 **	180 (13%)
<i>PH-Male</i>	48 (6%)	62 (13%)	5 (11%)	<5 **	119 (9%)
<i>Unknown</i>	30 (4%)	29 (6%)	<5 **	0 (0%)	61 (4%)
<b>Male Subtotal</b>	<b>805 (59%)</b>	<b>473 (35%)</b>	<b>46 (3%)</b>	<b>34 (3%)</b>	<b>1,358 (100%)</b>
<b>FEMALES</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>Female Subtotal</b>
Injecting Drug Use	10 (14%)	16 (9%)	<5 **	0 (0%)	29 (11%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	44 (61%)	107 (62%)	10 (77%)	8 (57%)	169 (62%)
<i>HRH</i>	29 (40%)	56 (33%)	9 (69%)	5 (36%)	99 (37%)
<i>PH-Female</i>	15 (21%)	51 (30%)	<5 **	<5 **	70 (26%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	7 (3%)
Undetermined*	13 (18%)	45 (26%)	0 (0%)	5 (36%)	63 (23%)
<b>Female Subtotal</b>	<b>72 (27%)</b>	<b>172 (63%)</b>	<b>13 (5%)</b>	<b>14 (5%)</b>	<b>271 (100%)</b>
<b>TOTAL</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>Risk Total</b>
Male-Male sex	638 (73%)	311 (48%)	32 (54%)	22 (46%)	1,003 (62%)
Injecting Drug Use	33 (4%)	45 (7%)	7 (12%)	<5 **	87 (5%)
Male-Male Sex/IDU	43 (5%)	17 (3%)	0 (0%)	<5 **	63 (4%)
Blood Products	14 (2%)	0 (0%)	<5 **	<5 **	16 (1%)
Heterosexual	53 (6%)	128 (20%)	12 (20%)	8 (17%)	201 (12%)
<i>HRH</i>	38 (4%)	77 (12%)	11 (19%)	5 (10%)	131 (8%)
<i>PH-Female</i>	15 (2%)	51 (8%)	<5 **	<5 **	70 (4%)
Perinatal	5 (1%)	8 (1%)	0 (0%)	<5 **	16 (1%)
Undetermined	91 (10%)	136 (21%)	7 (12%)	9 (19%)	243 (15%)
<i>PH-Male</i>	48 (5%)	62 (10%)	5 (8%)	<5 **	119 (7%)
<i>Unknown</i>	43 (5%)	74 (11%)	<5 **	5 (10%)	124 (8%)
<b>RACE TOTAL</b>	<b>877 (54%)</b>	<b>645 (40%)</b>	<b>59 (4%)</b>	<b>48 (3%)</b>	<b>1,629 (100%)</b>

\*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	126	63	560	109	61	215
1993	101	73	588	106	69	252
1994	100	84	604	93	83	262
1995	98	77	625	93	74	281
1996	100	51	674	77	45	313
1997	87	31	730	59	28	344
1998	64	19	775	41	16	369
1999	62	26	811	39	23	385
2000	86	25	872	53	25	413
2001	78	23	927	52	20	445
2002	83	9	1,001	49	8	486
2003	107	19	1,089	70	18	538
2004	94	12	1,171	54	10	582
2005	113	23	1,261	78	20	640
2006	113	16	1,358	79	15	704
2007	89	19	1,428	58	18	744
2008	95	17	1,506	55	17	782
2009	119	7	1,618	53	5	830
2010 <sup>†</sup>	11	0	<b>1,629</b>	5	0	<b>835</b>
<b>TOTAL</b>	<b>2,427</b>	<b>798</b>		<b>1,589</b>	<b>754</b>	

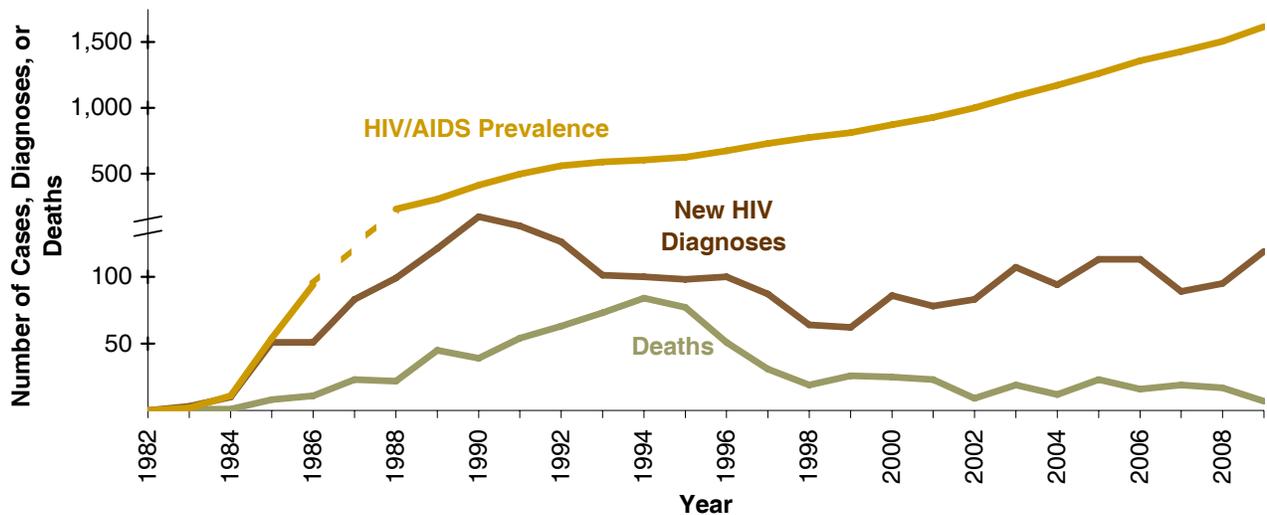
<sup>†</sup> Reporting for 2010 is incomplete at this time.

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 1,629. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 835.

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.	2,130	794	835	1,629	136	1,589
Michigan Total	18,800	6,776	7,798	14,574	146	16,811

## 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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