

**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 2007 ESTIMATES</b>		
		<b>HIV, not AIDS</b>		<b>AIDS</b>		<b>Total</b>		<b>Rate per 100,000<sup>§</sup></b>	<b>Number Percent</b>	
<b>RACE/ ETHNICITY<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>
White	1,110	391	(54%)	455	(57%)	846	(55%)	89.2	948,214	(79%)
Black	760	296	(41%)	287	(36%)	583	(38%)	411.5	141,683	(12%)
Hispanic	70	23	(3%)	33	(4%)	56	(4%)	155.5	36,003	(3%)
Asian/PI	20	8	(1%)	10	(1%)	18	(1%)	28.0	64,262	(5%)
Am Indian/AN	10	<5	**	<5	**	<5	**	**	2,884	(<1%)
Multi/Unk	30	10	(1%)	12	(2%)	22	(1%)	N/A	14,852	(1%)
<b>SEX &amp; RACE</b>										
Males	1,680	601	(82%)	679	(85%)	1,280	(84%)	215.2	594,877	(49%)
White Males	1,020	353	(48%)	426	(53%)	779	(51%)	165.9	469,446	(39%)
Black Males	560	217	(30%)	209	(26%)	426	(28%)	651.1	65,427	(5%)
Hispanic Males	60	19	(3%)	25	(3%)	44	(3%)	234.8	18,743	(2%)
Other Males	40	12	(2%)	19	(2%)	31	(2%)	75.1	41,261	(3%)
Females	320	129	(18%)	119	(15%)	248	(16%)	40.5	613,021	(51%)
White Females	90	38	(5%)	29	(4%)	67	(4%)	14.0	478,768	(40%)
Black Females	210	79	(11%)	78	(10%)	157	(10%)	205.9	76,256	(6%)
Hispanic Fmls	20	<5	**	8	(1%)	12	(1%)	69.5	17,260	(1%)
Other Females	20	8	(1%)	<5	**	12	(1%)	29.5	40,737	(3%)
<b>RISK*</b>										
Male-Male Sex	1,240	450	(62%)	497	(62%)	947	(62%)	N/A	N/A	N/A
Injection Drug Use	110	32	(4%)	52	(7%)	84	(5%)	N/A	N/A	N/A
MSM/IDU	80	22	(3%)	37	(5%)	59	(4%)	N/A	N/A	N/A
Blood Products	20	8	(1%)	8	(1%)	16	(1%)	N/A	N/A	N/A
Heterosexual	240	96	(13%)	89	(11%)	185	(12%)	N/A	N/A	N/A
HRH	160	58	(8%)	68	(9%)	126	(8%)	N/A	N/A	N/A
PH-Female	80	38	(5%)	21	(3%)	59	(4%)	N/A	N/A	N/A
Perinatal	20	9	(1%)	8	(1%)	17	(1%)	N/A	N/A	N/A
Undetermined	290	113	(15%)	107	(13%)	220	(14%)	N/A	N/A	N/A
PH-Male	150	53	(7%)	62	(8%)	115	(8%)	N/A	N/A	N/A
Unknown	140	60	(8%)	45	(6%)	105	(7%)	N/A	N/A	N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	20	10	(1%)	9	(1%)	19	(1%)	N/A	N/A	N/A
13 - 19 years	60	29	(4%)	18	(2%)	47	(3%)	N/A	N/A	N/A
20 - 24 years	230	108	(15%)	68	(9%)	176	(12%)	N/A	N/A	N/A
25 - 29 years	350	135	(18%)	130	(16%)	265	(17%)	N/A	N/A	N/A
30 - 39 years	730	260	(36%)	301	(38%)	561	(37%)	N/A	N/A	N/A
40 - 49 years	440	144	(20%)	195	(24%)	339	(22%)	N/A	N/A	N/A
50 - 59 years	130	31	(4%)	72	(9%)	103	(7%)	N/A	N/A	N/A
60 years and over	20	13	(2%)	5	(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>2,000</b>	<b>730 (100%)</b>		<b>798 (100%)</b>		<b>1,528 (100%)</b>		<b>127</b>	<b>1,207,898 (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: 948,214 / 846 = 1,121. Thus, 1 out of every 1,121 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	619 (79%)	280 (66%)	29 (66%)	19 (61%)	947 (74%)
Injecting Drug Use	22 (3%)	28 (7%)	5 (11%)	<5 **	57 (4%)
Male-Male Sex/IDU	42 (5%)	15 (4%)	0 (0%)	<5 **	59 (5%)
Blood Products	11 (1%)	0 (0%)	<5 **	<5 **	13 (1%)
Heterosexual*	8 (1%)	21 (5%)	<5 **	0 (0%)	31 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	9 (1%)
Undetermined	74 (9%)	78 (18%)	7 (16%)	5 (16%)	164 (13%)
<i>PH-Male</i>	48 (6%)	57 (13%)	5 (11%)	5 (16%)	115 (9%)
<i>Unknown</i>	26 (3%)	21 (5%)	<5 **	0 (0%)	49 (4%)
<b>Male Subtotal</b>	<b>779 (61%)</b>	<b>426 (33%)</b>	<b>44 (3%)</b>	<b>31 (2%)</b>	<b>1280 (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	9 (13%)	15 (10%)	<5 **	0 (0%)	27 (11%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	40 (60%)	97 (62%)	9 (75%)	8 (67%)	154 (62%)
<i>HRH</i>	27 (40%)	55 (35%)	8 (67%)	5 (42%)	95 (38%)
<i>PH-Female</i>	13 (19%)	42 (27%)	<5 **	<5 **	59 (24%)
Perinatal	<5 **	5 (3%)	0 (0%)	0 (0%)	8 (3%)
Undetermined*	12 (18%)	40 (25%)	0 (0%)	<5 **	56 (23%)
<b>Female Subtotal</b>	<b>67 (27%)</b>	<b>157 (63%)</b>	<b>12 (5%)</b>	<b>12 (5%)</b>	<b>248 (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	619 (73%)	280 (48%)	29 (52%)	19 (44%)	947 (62%)
Injecting Drug Use	31 (4%)	43 (7%)	8 (14%)	<5 **	84 (5%)
Male-Male Sex/IDU	42 (5%)	15 (3%)	0 (0%)	<5 **	59 (4%)
Blood Products	14 (2%)	0 (0%)	<5 **	<5 **	16 (1%)
Heterosexual	48 (6%)	118 (20%)	11 (20%)	8 (19%)	185 (12%)
<i>HRH</i>	35 (4%)	76 (13%)	10 (18%)	5 (12%)	126 (8%)
<i>PH-Female</i>	13 (2%)	42 (7%)	<5 **	<5 **	59 (4%)
Perinatal	6 (1%)	9 (2%)	0 (0%)	<5 **	17 (1%)
Undetermined	86 (10%)	118 (20%)	7 (13%)	9 (21%)	220 (14%)
<i>PH-Male</i>	48 (6%)	57 (10%)	5 (9%)	5 (12%)	115 (8%)
<i>Unknown</i>	38 (4%)	61 (10%)	<5 **	<5 **	105 (7%)
<b>RACE TOTAL</b>	<b>846 (55%)</b>	<b>583 (38%)</b>	<b>56 (4%)</b>	<b>43 (3%)</b>	<b>1,528 (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	127	63	561	109	61	215
1993	101	73	589	106	69	252
1994	102	84	607	93	83	262
1995	98	77	628	93	74	281
1996	100	51	677	77	45	313
1997	87	31	733	59	28	344
1998	64	19	778	41	16	369
1999	61	26	813	39	23	385
2000	85	25	873	53	25	413
2001	76	23	926	52	20	445
2002	81	9	998	49	8	486
2003	105	19	1,084	70	18	538
2004	95	11	1,168	54	9	583
2005	113	21	1,260	77	18	642
2006	116	11	1,365	79	11	710
2007	90	18	1,437	60	17	753
2008	95	16	1,516	54	16	791
2009 <sup>†</sup>	13	1	<b>1,528</b>	8	1	<b>798</b>
<b>TOTAL</b>	<b>2,297</b>	<b>781</b>		<b>1,531</b>	<b>740</b>	

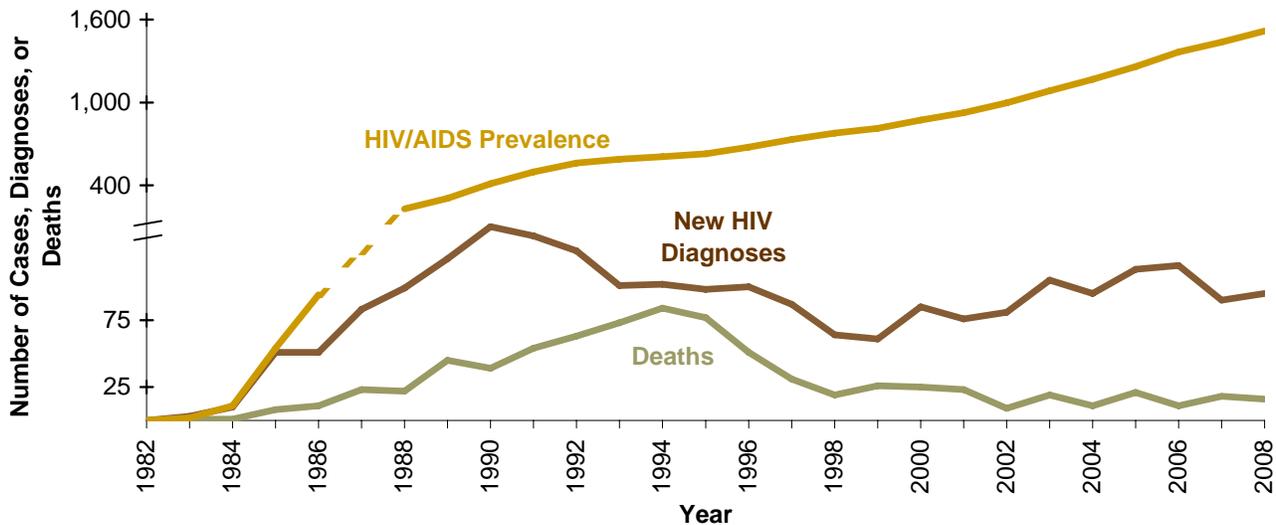
<sup>†</sup> Reporting for 2009 is incomplete at this time.

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 1,528. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 798.

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.	2,000	730	798	1,528	127	1,531
Michigan Total	18,200	6,524	7,507	14,031	139	16,353

## 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 2009, 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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