

**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>		
	Number	HIV, not AIDS		AIDS		Total		Rate per 100,000 <sup>§</sup>	Number Percent	
		Number	Percent	Number	Percent	Number	Percent		Number	Percent
<b>RACE/ ETHNICITY<sup>¶</sup></b>										
White	1,150	407	(52%)	462	(56%)	869	(54%)	93.3	930,931	(77%)
Black	840	331	(42%)	300	(36%)	631	(39%)	423.1	149,144	(12%)
Hispanic	80	23	(3%)	34	(4%)	57	(4%)	150.6	37,842	(3%)
Asian/PI	30	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	1,770	639	(82%)	698	(85%)	1,337	(83%)	225.8	592,141	(49%)
White Males	1,060	365	(47%)	433	(53%)	798	(50%)	172.9	461,456	(38%)
Black Males	610	243	(31%)	218	(26%)	461	(29%)	670.7	68,730	(6%)
Hispanic Males	60	19	(2%)	25	(3%)	44	(3%)	224.5	19,596	(2%)
Other Males	50	12	(2%)	22	(3%)	34	(2%)	80.3	42,359	(4%)
Females	360	143	(18%)	125	(15%)	268	(17%)	43.9	610,033	(51%)
White Females	90	42	(5%)	29	(4%)	71	(4%)	15.1	469,475	(39%)
Black Females	230	88	(11%)	82	(10%)	170	(11%)	211.4	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	476	(61%)	511	(62%)	987	(61%)	N/A	N/A	N/A
Injection Drug Use	120	34	(4%)	53	(6%)	87	(5%)	N/A	N/A	N/A
MSM/IDU	80	23	(3%)	39	(5%)	62	(4%)	N/A	N/A	N/A
Blood Products	20	8	(1%)	8	(1%)	16	(1%)	N/A	N/A	N/A
Heterosexual	260	107	(14%)	92	(11%)	199	(12%)	N/A	N/A	N/A
HRH	170	59	(8%)	70	(9%)	129	(8%)	N/A	N/A	N/A
PH-Female	90	48	(6%)	22	(3%)	70	(4%)	N/A	N/A	N/A
Perinatal	20	9	(1%)	8	(1%)	17	(1%)	N/A	N/A	N/A
Undetermined	310	125	(16%)	112	(14%)	237	(15%)	N/A	N/A	N/A
PH-Male	160	56	(7%)	61	(7%)	117	(7%)	N/A	N/A	N/A
Unknown	160	69	(9%)	51	(6%)	120	(7%)	N/A	N/A	N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	30	10	(1%)	9	(1%)	19	(1%)	N/A	N/A	N/A
13 - 19 years	70	36	(5%)	20	(2%)	56	(3%)	N/A	N/A	N/A
20 - 24 years	240	114	(15%)	70	(9%)	184	(11%)	N/A	N/A	N/A
25 - 29 years	370	149	(19%)	132	(16%)	281	(18%)	N/A	N/A	N/A
30 - 39 years	760	262	(34%)	311	(38%)	573	(36%)	N/A	N/A	N/A
40 - 49 years	480	162	(21%)	199	(24%)	361	(22%)	N/A	N/A	N/A
50 - 59 years	150	38	(5%)	75	(9%)	113	(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>782</b>	<b>(100%)</b>	<b>823</b>	<b>(100%)</b>	<b>1,605</b>	<b>(100%)</b>	<b>134</b>	<b>1,202,174</b>	<b>(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 / 869 = 1,071. Thus, 1 out of every 1,071 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	631 (79%)	304 (66%)	30 (68%)	22 (65%)	987 (74%)
Injecting Drug Use	23 (3%)	29 (6%)	<5 **	<5 **	58 (4%)
Male-Male Sex/IDU	43 (5%)	16 (3%)	0 (0%)	<5 **	62 (5%)
Blood Products	11 (1%)	0 (0%)	<5 **	<5 **	13 (1%)
Heterosexual*	9 (1%)	21 (5%)	<5 **	0 (0%)	32 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	9 (1%)
Undetermined	78 (10%)	87 (19%)	7 (16%)	<5 **	176 (13%)
<i>PH-Male</i>	48 (6%)	60 (13%)	5 (11%)	<5 **	117 (9%)
<i>Unknown</i>	30 (4%)	27 (6%)	<5 **	0 (0%)	59 (4%)
<b>Male Subtotal</b>	<b>798 (60%)</b>	<b>461 (34%)</b>	<b>44 (3%)</b>	<b>34 (3%)</b>	<b>1,337 (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	43 (61%)	106 (62%)	10 (77%)	8 (57%)	167 (62%)
<i>HRH</i>	28 (39%)	55 (32%)	9 (69%)	5 (36%)	97 (36%)
<i>PH-Female</i>	15 (21%)	51 (30%)	<5 **	<5 **	70 (26%)
Perinatal	<5 **	5 (3%)	0 (0%)	<5 **	8 (3%)
Undetermined*	13 (18%)	43 (25%)	0 (0%)	5 (36%)	61 (23%)
<b>Female Subtotal</b>	<b>71 (26%)</b>	<b>170 (63%)</b>	<b>13 (5%)</b>	<b>14 (5%)</b>	<b>268 (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	631 (73%)	304 (48%)	30 (53%)	22 (46%)	987 (61%)
Injecting Drug Use	33 (4%)	45 (7%)	7 (12%)	<5 **	87 (5%)
Male-Male Sex/IDU	43 (5%)	16 (3%)	0 (0%)	<5 **	62 (4%)
Blood Products	14 (2%)	0 (0%)	<5 **	<5 **	16 (1%)
Heterosexual	52 (6%)	127 (20%)	12 (21%)	8 (17%)	199 (12%)
<i>HRH</i>	37 (4%)	76 (12%)	11 (19%)	5 (10%)	129 (8%)
<i>PH-Female</i>	15 (2%)	51 (8%)	<5 **	<5 **	70 (4%)
Perinatal	5 (1%)	9 (1%)	0 (0%)	<5 **	17 (1%)
Undetermined	91 (10%)	130 (21%)	7 (12%)	9 (19%)	237 (15%)
<i>PH-Male</i>	48 (6%)	60 (10%)	5 (9%)	<5 **	117 (7%)
<i>Unknown</i>	43 (5%)	70 (11%)	<5 **	5 (10%)	120 (7%)
<b>RACE TOTAL</b>	<b>869 (54%)</b>	<b>631 (39%)</b>	<b>57 (4%)</b>	<b>48 (3%)</b>	<b>1,605 (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**

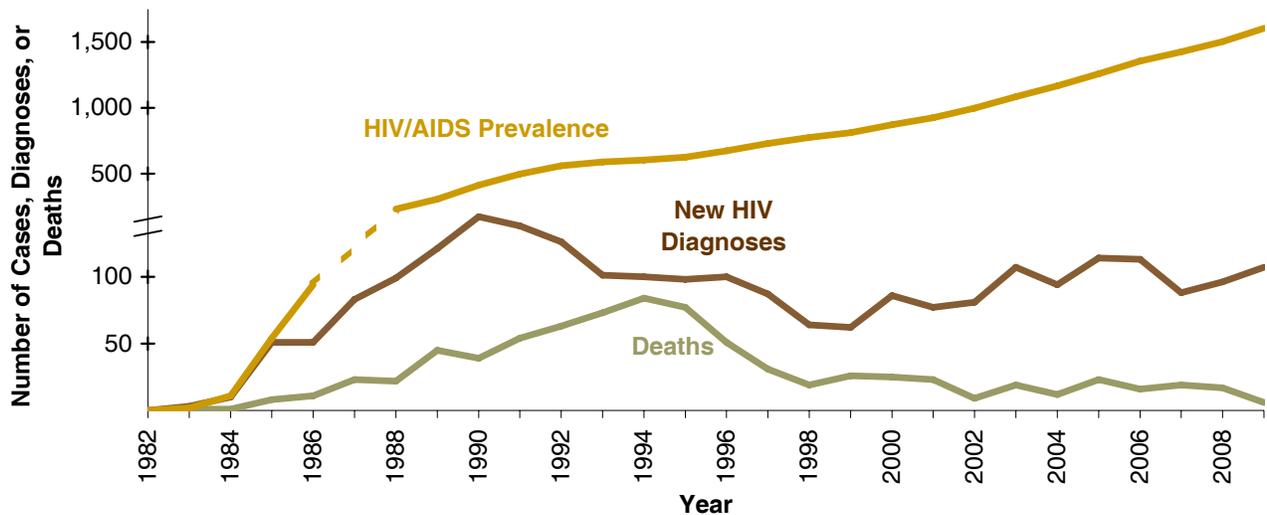
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	3	1	2	2	1	1
1984	10	1	11	8	1	8
1985	51	8	54	11	8	11
1986	51	11	94	17	11	17
1987	83	23	154	43	23	37
1988	99	22	231	53	22	68
1989	121	45	307	61	45	84
1990	145	39	413	79	37	126
1991	138	54	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	77	23	926	52	20	445
2002	81	9	998	49	8	486
2003	107	19	1,086	70	18	538
2004	94	12	1,168	54	10	582
2005	114	23	1,259	78	20	640
2006	113	16	1,356	79	15	704
2007	88	19	1,425	58	18	744
2008	96	17	1,504	55	17	782
2009	107	6	<b>1,605</b>	45	4	<b>823</b>
<b>TOTAL</b>	<b>2,402</b>	<b>797</b>		<b>1,576</b>	<b>753</b>	

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 1,605. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 823.

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	782	823	1,605	134	1,576
Michigan Total	18,800	6,695	7,676	14,371	144	16,678

## 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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