

**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 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	1,200	419	(51%)	470	(55%)	889	(53%)	95.5	930,931	(77%)
Black	890	343	(42%)	315	(37%)	658	(39%)	441.2	149,144	(12%)
Hispanic	80	28	(3%)	33	(4%)	61	(4%)	161.2	37,842	(3%)
Asian/PI	30	10	(1%)	11	(1%)	21	(1%)	31.9	65,897	(5%)
Am Indian/AN	10	<5	**	<5	**	<5	**	**	2,865	(<1%)
Multi/Unk	50	13	(2%)	22	(3%)	35	(2%)	N/A	15,495	(1%)
<b>SEX &amp; RACE</b>										
Males	1,870	666	(82%)	718	(84%)	1,384	(83%)	233.7	592,141	(49%)
White Males	1,100	376	(46%)	437	(51%)	813	(49%)	176.2	461,456	(38%)
Black Males	650	252	(31%)	229	(27%)	481	(29%)	699.8	68,730	(6%)
Hispanic Males	60	23	(3%)	24	(3%)	47	(3%)	239.8	19,596	(2%)
Other Males	60	15	(2%)	28	(3%)	43	(3%)	101.5	42,359	(4%)
Females	380	149	(18%)	134	(16%)	283	(17%)	46.4	610,033	(51%)
White Females	100	43	(5%)	33	(4%)	76	(5%)	16.2	469,475	(39%)
Black Females	240	91	(11%)	86	(10%)	177	(11%)	220.1	80,414	(7%)
Hispanic Fmls	20	5	(1%)	9	(1%)	14	(1%)	76.7	18,246	(2%)
Other Females	20	10	(1%)	6	(1%)	16	(1%)	38.2	41,898	(3%)
<b>RISK*</b>										
Male-Male Sex	1,380	497	(61%)	522	(61%)	1,019	(61%)	N/A	N/A	N/A
Injection Drug Use	110	35	(4%)	49	(6%)	84	(5%)	N/A	N/A	N/A
MSM/IDU	90	28	(3%)	35	(4%)	63	(4%)	N/A	N/A	N/A
Blood Products	20	8	(1%)	7	(1%)	15	(1%)	N/A	N/A	N/A
Heterosexual	280	107	(13%)	98	(12%)	205	(12%)	N/A	N/A	N/A
HRH	180	57	(7%)	73	(9%)	130	(8%)	N/A	N/A	N/A
PH-Female	100	50	(6%)	25	(3%)	75	(4%)	N/A	N/A	N/A
Perinatal	20	8	(1%)	9	(1%)	17	(1%)	N/A	N/A	N/A
Undetermined	360	132	(16%)	132	(15%)	264	(16%)	N/A	N/A	N/A
PH-Male	170	57	(7%)	67	(8%)	124	(7%)	N/A	N/A	N/A
Unknown	190	75	(9%)	65	(8%)	140	(8%)	N/A	N/A	N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	30	9	(1%)	10	(1%)	19	(1%)	N/A	N/A	N/A
13 - 19 years	80	37	(5%)	24	(3%)	61	(4%)	N/A	N/A	N/A
20 - 24 years	260	117	(14%)	74	(9%)	191	(11%)	N/A	N/A	N/A
25 - 29 years	390	162	(20%)	127	(15%)	289	(17%)	N/A	N/A	N/A
30 - 39 years	810	274	(34%)	324	(38%)	598	(36%)	N/A	N/A	N/A
40 - 49 years	500	160	(20%)	208	(24%)	368	(22%)	N/A	N/A	N/A
50 - 59 years	170	47	(6%)	76	(9%)	123	(7%)	N/A	N/A	N/A
60 years and over	20	9	(1%)	9	(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>2,250</b>	<b>815 (100%)</b>		<b>852 (100%)</b>		<b>1,667 (100%)</b>		<b>139</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 / 889 = 1,047. Thus, 1 out of every 1,047 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	639 (79%)	321 (67%)	33 (70%)	26 (60%)	1,019 (74%)
Injecting Drug Use	23 (3%)	23 (5%)	<5 **	<5 **	53 (4%)
Male-Male Sex/IDU	42 (5%)	17 (4%)	0 (0%)	<5 **	63 (5%)
Blood Products	10 (1%)	0 (0%)	<5 **	<5 **	12 (1%)
Heterosexual*	9 (1%)	19 (4%)	<5 **	<5 **	30 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	10 (1%)
Undetermined	87 (11%)	97 (20%)	9 (19%)	<5 **	197 (14%)
<i>PH-Male</i>	46 (6%)	68 (14%)	6 (13%)	<5 **	124 (9%)
<i>Unknown</i>	41 (5%)	29 (6%)	<5 **	0 (0%)	73 (5%)
<b>Male Subtotal</b>	<b>813 (59%)</b>	<b>481 (35%)</b>	<b>47 (3%)</b>	<b>43 (3%)</b>	<b>1,384 (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	11 (14%)	17 (10%)	<5 **	0 (0%)	31 (11%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	45 (59%)	111 (63%)	10 (71%)	9 (56%)	175 (62%)
<i>HRH</i>	30 (39%)	57 (32%)	9 (64%)	<5 **	100 (35%)
<i>PH-Female</i>	15 (20%)	54 (31%)	<5 **	5 (31%)	75 (27%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	7 (2%)
Undetermined*	15 (20%)	45 (25%)	<5 **	6 (38%)	67 (24%)
<b>Female Subtotal</b>	<b>76 (27%)</b>	<b>177 (63%)</b>	<b>14 (5%)</b>	<b>16 (6%)</b>	<b>283 (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	639 (72%)	321 (49%)	33 (54%)	26 (44%)	1,019 (61%)
Injecting Drug Use	34 (4%)	40 (6%)	6 (10%)	<5 **	84 (5%)
Male-Male Sex/IDU	42 (5%)	17 (3%)	0 (0%)	<5 **	63 (4%)
Blood Products	13 (1%)	0 (0%)	<5 **	<5 **	15 (1%)
Heterosexual	54 (6%)	130 (20%)	11 (18%)	10 (17%)	205 (12%)
<i>HRH</i>	39 (4%)	76 (12%)	10 (16%)	5 (8%)	130 (8%)
<i>PH-Female</i>	15 (2%)	54 (8%)	<5 **	5 (8%)	75 (4%)
Perinatal	5 (1%)	8 (1%)	0 (0%)	<5 **	17 (1%)
Undetermined	102 (11%)	142 (22%)	10 (16%)	10 (17%)	264 (16%)
<i>PH-Male</i>	46 (5%)	68 (10%)	6 (10%)	<5 **	124 (7%)
<i>Unknown</i>	56 (6%)	74 (11%)	<5 **	6 (10%)	140 (8%)
<b>RACE TOTAL</b>	<b>889 (53%)</b>	<b>658 (39%)</b>	<b>61 (4%)</b>	<b>59 (4%)</b>	<b>1,667 (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	84	23	155	43	23	37
1988	99	22	232	53	22	68
1989	121	45	308	61	45	84
1990	145	39	414	79	37	126
1991	139	54	499	92	51	167
1992	126	63	562	109	61	215
1993	100	73	589	106	69	252
1994	101	84	606	93	83	262
1995	97	77	626	93	74	281
1996	100	51	675	77	45	313
1997	87	31	731	59	28	344
1998	64	19	776	41	16	369
1999	64	27	813	39	24	384
2000	85	25	873	53	25	412
2001	78	23	928	52	20	444
2002	83	9	1,002	49	8	485
2003	105	23	1,084	70	22	533
2004	88	13	1,159	54	11	576
2005	112	28	1,243	89	23	642
2006	114	21	1,336	76	20	698
2007	88	23	1,401	55	22	731
2008	90	25	1,466	51	22	760
2009	128	20	1,574	57	15	802
2010	90	9	1,655	52	7	847
2011 <sup>†</sup>	12	0	<b>1,667</b>	5	0	<b>852</b>
<b>TOTAL</b>	<b>2,515</b>	<b>848</b>		<b>1,646</b>	<b>794</b>	

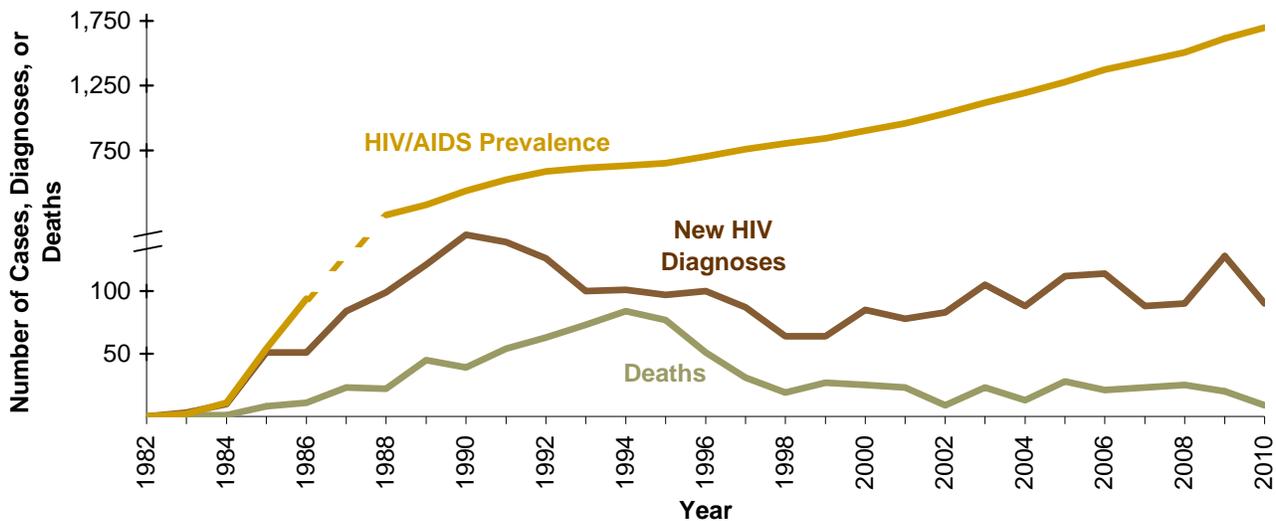
<sup>†</sup> Reporting for 2011 is incomplete at this time.

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 1,667. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 852.

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.	2,250	815	852	1,667	139	1,646
Michigan Total	19,500	6,783	7,831	14,614	146	17,317

## 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 2011, 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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