

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

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2009 ESTIMATES		
		HIV, not AIDS		AIDS		Total		Rate per 100,000[¶]	Number Percent	
RACE/ ETHNICITY[‡]	Number	Number	Percent	Number	Percent	Number	Percent			Number
White	1,190	427	(51%)	478	(54%)	905	(53%)	97.2	930,931	(77%)
Black	910	355	(42%)	334	(38%)	689	(40%)	462.0	149,144	(12%)
Hispanic	80	30	(4%)	33	(4%)	63	(4%)	166.5	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	14	(2%)	22	(3%)	36	(2%)	N/A	15,495	(1%)
SEX & RACE										
Males	1,880	691	(82%)	740	(84%)	1431	(83%)	241.7	592,141	(49%)
White Males	1,090	384	(46%)	445	(51%)	829	(48%)	179.6	461,456	(38%)
Black Males	670	266	(32%)	243	(28%)	509	(30%)	740.6	68,730	(6%)
Hispanic Males	70	26	(3%)	24	(3%)	50	(3%)	255.2	19,596	(2%)
Other Males	60	15	(2%)	28	(3%)	43	(3%)	101.5	42,359	(4%)
Females	380	147	(18%)	139	(16%)	286	(17%)	46.9	610,033	(51%)
White Females	100	43	(5%)	33	(4%)	76	(4%)	16.2	469,475	(39%)
Black Females	240	89	(11%)	91	(10%)	180	(10%)	223.8	80,414	(7%)
Hispanic Fmls	20	<5	**	9	(1%)	13	(1%)	71.2	18,246	(2%)
Other Females	20	11	(1%)	6	(1%)	17	(1%)	40.6	41,898	(3%)
RISK*										
Male-Male Sex	1,390	519	(62%)	537	(61%)	1056	(62%)	N/A	N/A	N/A
Injection Drug Use	110	36	(4%)	49	(6%)	85	(5%)	N/A	N/A	N/A
MSM/IDU	80	28	(3%)	36	(4%)	64	(4%)	N/A	N/A	N/A
Blood Products	20	8	(1%)	7	(1%)	15	(1%)	N/A	N/A	N/A
Heterosexual	280	104	(12%)	105	(12%)	209	(12%)	N/A	N/A	N/A
HRH	170	55	(7%)	77	(9%)	132	(8%)	N/A	N/A	N/A
PH-Female	100	49	(6%)	28	(3%)	77	(4%)	N/A	N/A	N/A
Perinatal	20	8	(1%)	9	(1%)	17	(1%)	N/A	N/A	N/A
Undetermined	360	135	(16%)	136	(15%)	271	(16%)	N/A	N/A	N/A
PH-Male	170	57	(7%)	71	(8%)	128	(7%)	N/A	N/A	N/A
Unknown	190	78	(9%)	65	(7%)	143	(8%)	N/A	N/A	N/A
AGE AT HIV DIAGNOSIS										
0 - 12 years	30	9	(1%)	10	(1%)	19	(1%)	N/A	N/A	N/A
13 - 19 years	90	42	(5%)	27	(3%)	69	(4%)	N/A	N/A	N/A
20 - 24 years	270	129	(15%)	75	(9%)	204	(12%)	N/A	N/A	N/A
25 - 29 years	390	164	(20%)	131	(15%)	295	(17%)	N/A	N/A	N/A
30 - 39 years	800	277	(33%)	333	(38%)	610	(36%)	N/A	N/A	N/A
40 - 49 years	490	162	(19%)	213	(24%)	375	(22%)	N/A	N/A	N/A
50 - 59 years	170	46	(5%)	81	(9%)	127	(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
TOTAL	2,260	838 (100%)		879 (100%)		1,717 (100%)		142	1,205,508 (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 / 905 = 1,029. Thus, 1 out of every 1,029 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	654 (79%)	341 (67%)	35 (70%)	26 (60%)	1056 (74%)
Injecting Drug Use	23 (3%)	23 (5%)	<5 **	<5 **	53 (4%)
Male-Male Sex/IDU	43 (5%)	17 (3%)	0 (0%)	<5 **	64 (4%)
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 (10%)	105 (21%)	10 (20%)	<5 **	206 (14%)
<i>PH-Male</i>	47 (6%)	71 (14%)	6 (12%)	<5 **	128 (9%)
<i>Unknown</i>	40 (5%)	34 (7%)	<5 **	0 (0%)	78 (5%)
Male Subtotal	829 (58%)	509 (36%)	50 (3%)	43 (3%)	1431 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	11 (14%)	18 (10%)	<5 **	0 (0%)	32 (11%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	48 (63%)	112 (62%)	10 (77%)	9 (53%)	179 (63%)
<i>HRH</i>	31 (41%)	58 (32%)	9 (69%)	<5 **	102 (36%)
<i>PH-Female</i>	17 (22%)	54 (30%)	<5 **	5 (29%)	77 (27%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	7 (2%)
Undetermined*	13 (17%)	46 (26%)	0 (0%)	6 (35%)	65 (23%)
Female Subtotal	76 (27%)	180 (63%)	13 (5%)	17 (6%)	286 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	654 (72%)	341 (49%)	35 (56%)	26 (43%)	1056 (62%)
Injecting Drug Use	34 (4%)	41 (6%)	6 (10%)	<5 **	85 (5%)
Male-Male Sex/IDU	43 (5%)	17 (2%)	0 (0%)	<5 **	64 (4%)
Blood Products	13 (1%)	0 (0%)	<5 **	<5 **	15 (1%)
Heterosexual	57 (6%)	131 (19%)	11 (17%)	10 (17%)	209 (12%)
<i>HRH</i>	40 (4%)	77 (11%)	10 (16%)	5 (8%)	132 (8%)
<i>PH-Female</i>	17 (2%)	54 (8%)	<5 **	5 (8%)	77 (4%)
Perinatal	<5 **	8 (1%)	0 (0%)	5 (8%)	17 (1%)
Undetermined	100 (11%)	151 (22%)	10 (16%)	10 (17%)	271 (16%)
<i>PH-Male</i>	47 (5%)	71 (10%)	6 (10%)	<5 **	128 (7%)
<i>Unknown</i>	53 (6%)	80 (12%)	<5 **	6 (10%)	143 (8%)
RACE TOTAL	905 (53%)	689 (40%)	63 (4%)	60 (3%)	1717 (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

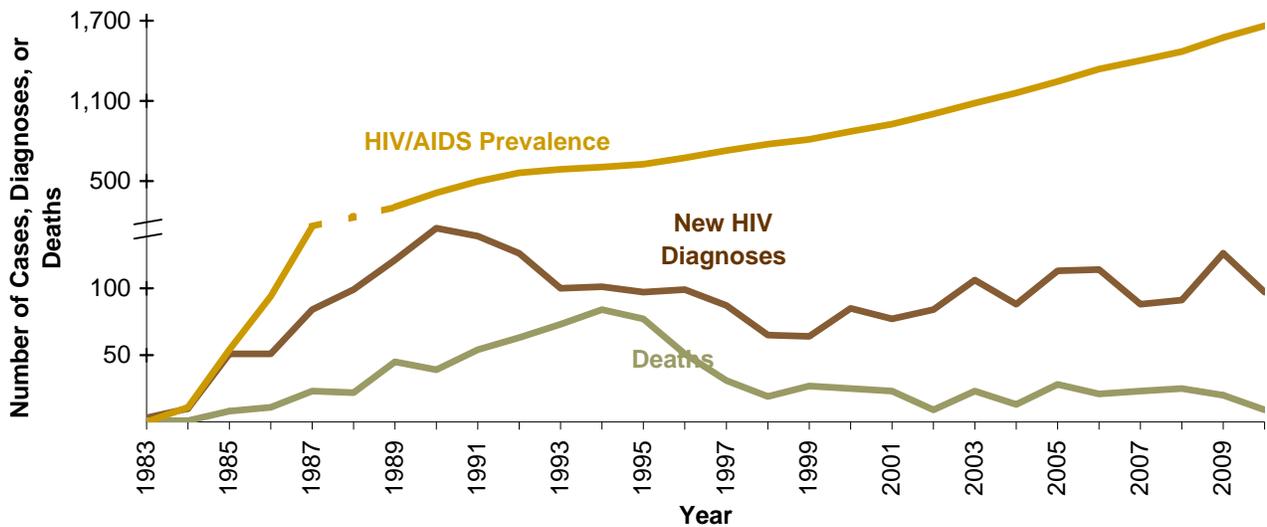
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	3	1	2	2	1	1
1984	10	1	11	8	1	8
1985	51	8	54	11	8	11
1986	51	11	94	17	11	17
1987	84	23	155	43	23	37
1988	99	22	232	53	22	68
1989	121	45	308	61	45	84
1990	145	39	414	79	37	126
1991	139	54	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	99	51	674	77	45	313
1997	87	31	730	59	28	344
1998	65	19	776	41	16	369
1999	64	27	813	39	24	384
2000	85	25	873	53	25	412
2001	77	23	927	52	20	444
2002	84	9	1,002	49	8	485
2003	106	23	1,085	70	22	533
2004	88	13	1,160	54	11	576
2005	113	28	1,245	89	23	642
2006	114	21	1,338	76	20	698
2007	88	23	1,403	55	22	731
2008	91	25	1,469	51	22	760
2009	126	20	1,575	57	15	802
2010	97	9	1,663	55	7	850
2011	55	1	1,717	30	1	879
TOTAL	2,566	849		1,674	795	

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 1,717. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 879.

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.	2,260	838	879	1,717	142	1,674
Michigan Total	19,500	6,935	8,065	15,000	150	17,584

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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