

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

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2007 ESTIMATES			
		HIV, not AIDS		AIDS		Total		Rate per 100,000[§]	Number Percent		
	Number	Number	Percent	Number	Percent	Number	Percent			Number	Percent
RACE/ ETHNICITY[¶]											
White	1,110	384	(53%)	455	(58%)	839	(56%)	88.5	948,214	(79%)	
Black	760	291	(40%)	282	(36%)	573	(38%)	404.4	141,683	(12%)	
Hispanic	70	24	(3%)	30	(4%)	54	(4%)	150.0	36,003	(3%)	
Asian/PI	20	7	(1%)	10	(1%)	17	(1%)	26.5	64,262	(5%)	
Am Indian/AN	10	<5	**	<5	**	<5	**	**	2,884	(<1%)	
Multi/Unk	30	11	(2%)	11	(1%)	22	(1%)	N/A	14,852	(1%)	
SEX & RACE											
Males	1,680	595	(83%)	670	(85%)	1,265	(84%)	212.6	594,877	(49%)	
White Males	1,030	349	(49%)	425	(54%)	774	(51%)	164.9	469,446	(39%)	
Black Males	550	213	(30%)	205	(26%)	418	(28%)	638.9	65,427	(5%)	
Hispanic Males	60	20	(3%)	22	(3%)	42	(3%)	224.1	18,743	(2%)	
Other Males	40	13	(2%)	18	(2%)	31	(2%)	75.1	41,261	(3%)	
Females	320	124	(17%)	119	(15%)	243	(16%)	39.6	613,021	(51%)	
White Females	90	35	(5%)	30	(4%)	65	(4%)	13.6	478,768	(40%)	
Black Females	210	78	(11%)	77	(10%)	155	(10%)	203.3	76,256	(6%)	
Hispanic Fmls	20	<5	**	8	(1%)	12	(1%)	69.5	17,260	(1%)	
Other Females	10	7	(1%)	<5	**	11	(1%)	27.0	40,737	(3%)	
RISK*											
Male-Male Sex	1,250	450	(63%)	490	(62%)	940	(62%)	N/A	N/A	N/A	
Injection Drug Use	110	30	(4%)	53	(7%)	83	(6%)	N/A	N/A	N/A	
MSM/IDU	80	23	(3%)	36	(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	94	(13%)	88	(11%)	182	(12%)	N/A	N/A	N/A	
HRH	160	57	(8%)	66	(8%)	123	(8%)	N/A	N/A	N/A	
PH-Female	80	37	(5%)	22	(3%)	59	(4%)	N/A	N/A	N/A	
Perinatal	20	9	(1%)	8	(1%)	17	(1%)	N/A	N/A	N/A	
Undetermined	280	105	(15%)	106	(13%)	211	(14%)	N/A	N/A	N/A	
PH-Male	140	46	(6%)	61	(8%)	107	(7%)	N/A	N/A	N/A	
Unknown	140	59	(8%)	45	(6%)	104	(7%)	N/A	N/A	N/A	
AGE AT HIV DIAGNOSIS											
0 - 12 years	30	10	(1%)	9	(1%)	19	(1%)	N/A	N/A	N/A	
13 - 19 years	60	28	(4%)	18	(2%)	46	(3%)	N/A	N/A	N/A	
20 - 24 years	220	101	(14%)	66	(8%)	167	(11%)	N/A	N/A	N/A	
25 - 29 years	350	135	(19%)	128	(16%)	263	(17%)	N/A	N/A	N/A	
30 - 39 years	740	260	(36%)	298	(38%)	558	(37%)	N/A	N/A	N/A	
40 - 49 years	440	142	(20%)	191	(24%)	333	(22%)	N/A	N/A	N/A	
50 - 59 years	140	30	(4%)	74	(9%)	104	(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	
TOTAL	2,000	719 (100%)		789 (100%)		1,508 (100%)		125	1,207,898 (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: 948,214 / 839 = 1,130. Thus, 1 out of every 1,130 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	618	(80%)	275	(66%)	28	(67%)	19	(61%)	940	(74%)
Injecting Drug Use	22	(3%)	28	(7%)	5	(12%)	<5	**	57	(5%)
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	70	(9%)	75	(18%)	6	(14%)	5	(16%)	156	(12%)
<i>PH-Male</i>	44	(6%)	54	(13%)	<5	**	5	(16%)	107	(8%)
<i>Unknown</i>	26	(3%)	21	(5%)	<5	**	0	(0%)	49	(4%)
Male Subtotal	774	(61%)	418	(33%)	42	(3%)	31	(2%)	1265	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	8	(12%)	15	(10%)	<5	**	0	(0%)	26	(11%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual	40	(62%)	94	(61%)	9	(75%)	8	(73%)	151	(62%)
<i>HRH</i>	27	(42%)	53	(34%)	8	(67%)	<5	**	92	(38%)
<i>PH-Female</i>	13	(20%)	41	(26%)	<5	**	<5	**	59	(24%)
Perinatal	<5	**	5	(3%)	0	(0%)	0	(0%)	8	(3%)
Undetermined*	11	(17%)	41	(26%)	0	(0%)	<5	**	55	(23%)
Female Subtotal	65	(27%)	155	(64%)	12	(5%)	11	(5%)	243	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	618	(74%)	275	(48%)	28	(52%)	19	(45%)	940	(62%)
Injecting Drug Use	30	(4%)	43	(8%)	8	(15%)	<5	**	83	(6%)
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%)	115	(20%)	11	(20%)	8	(19%)	182	(12%)
<i>HRH</i>	35	(4%)	74	(13%)	10	(19%)	<5	**	123	(8%)
<i>PH-Female</i>	13	(2%)	41	(7%)	<5	**	<5	**	59	(4%)
Perinatal	6	(1%)	9	(2%)	0	(0%)	<5	**	17	(1%)
Undetermined	81	(10%)	116	(20%)	6	(11%)	8	(19%)	211	(14%)
<i>PH-Male</i>	44	(5%)	54	(9%)	<5	**	5	(12%)	107	(7%)
<i>Unknown</i>	37	(4%)	62	(11%)	<5	**	<5	**	104	(7%)
RACE TOTAL	839	(56%)	573	(38%)	54	(4%)	42	(3%)	1,508	(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

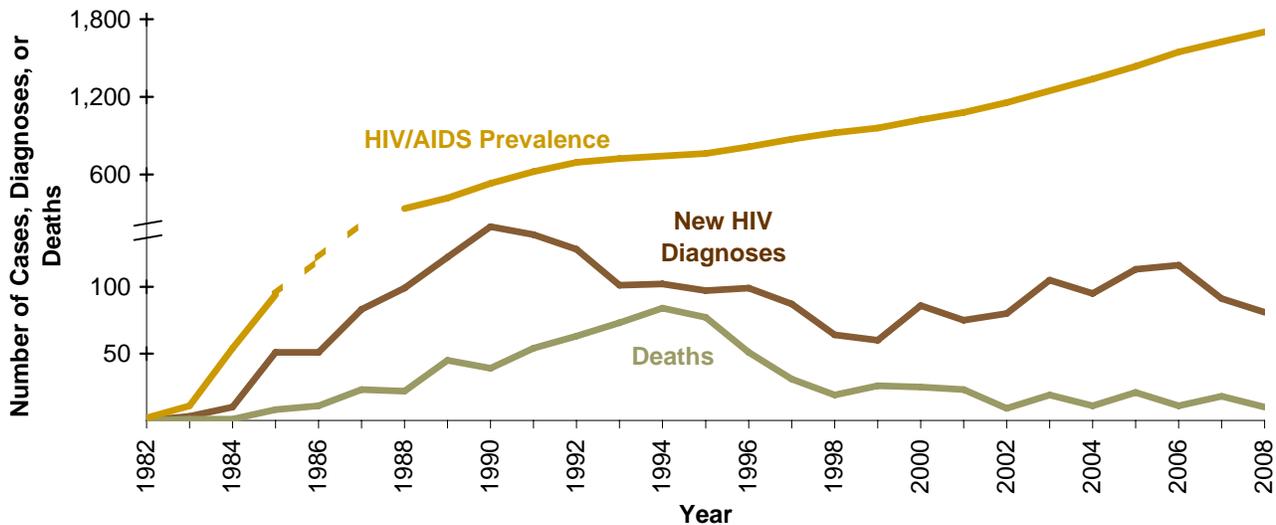
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	3	1	2	2	1	1
1984	10	1	11	8	1	8
1985	51	8	54	11	8	11
1986	51	11	94	17	11	17
1987	83	23	154	43	23	37
1988	99	22	231	53	22	68
1989	122	45	308	61	45	84
1990	145	39	414	79	37	126
1991	139	54	499	93	51	168
1992	128	63	564	109	61	216
1993	101	73	592	106	69	253
1994	102	84	610	93	83	263
1995	97	77	630	93	74	282
1996	99	51	678	76	45	313
1997	87	31	734	59	28	344
1998	64	19	779	41	16	369
1999	60	26	813	39	23	385
2000	86	25	874	53	25	413
2001	75	23	926	52	20	445
2002	80	9	997	49	8	486
2003	105	19	1,083	70	18	538
2004	95	11	1,167	54	9	583
2005	113	21	1,259	77	18	642
2006	116	11	1,364	79	11	710
2007	91	18	1,437	60	17	753
2008	81	10	1,508	46	10	789
TOTAL	2,283	775		1,523	734	

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 1,508. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 789.

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**

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Oakland Co.	2,000	719	789	1,508	125	1,523
Michigan Total	18,200	6,468	7,410	13,878	138	16,195

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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