

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

	<i>EST PREV*</i>		<i>REPORTED PREVALENCE[†]</i>				<i>CENSUS 2006 ESTIMATES</i>			
	Number		HIV, not AIDS		AIDS		Total	Rate per 100,000 [§]	Number Percent	
			Number	Percent	Number	Percent	Number	Percent		
RACE/ ETHNICITY[¶]										
White	1,190		386	(56%)	458	(60%)	844	(58%)	88.9	949,209 (78%)
Black	750		268	(39%)	264	(34%)	532	(36%)	365.4	145,602 (12%)
Hispanic	70		21	(3%)	28	(4%)	49	(3%)	136.4	35,930 (3%)
Asian/PI	20		7	(1%)	10	(1%)	17	(1%)	25.5	66,674 (5%)
Am Indian/AN	10		<5	**	<5	**	<5	**	**	2,890 (<1%)
Multi/Unk	20		10	(1%)	5	(1%)	15	(1%)	N/A	13,950 (1%)
SEX & RACE										
Males	1,730		577	(83%)	653	(85%)	1230	(84%)	205.6	598,221 (49%)
White Males	1,100		352	(51%)	428	(56%)	780	(53%)	165.9	470,230 (39%)
Black Males	540		195	(28%)	192	(25%)	387	(27%)	573.7	67,456 (6%)
Hispanic Males	50		17	(2%)	20	(3%)	37	(3%)	197.3	18,751 (2%)
Other Males	40		13	(2%)	13	(2%)	26	(2%)	62.2	41,784 (3%)
Females	320		116	(17%)	113	(15%)	229	(16%)	37.2	616,034 (51%)
White Females	90		34	(5%)	30	(4%)	64	(4%)	13.4	478,979 (39%)
Black Females	200		73	(11%)	72	(9%)	145	(10%)	185.6	78,146 (6%)
Hispanic Fmls	20		<5	**	8	(1%)	12	(1%)	69.9	17,179 (1%)
Other Females	10		5	(1%)	<5	**	8	(1%)	---	41,730 (3%)
RISK*										
Male-Male Sex	1,280		433	(62%)	479	(63%)	912	(63%)	N/A	N/A N/A
Injection Drug	120		32	(5%)	52	(7%)	84	(6%)	N/A	N/A N/A
MSM/IDU	80		21	(3%)	33	(4%)	54	(4%)	N/A	N/A N/A
Blood Products	20		8	(1%)	8	(1%)	16	(1%)	N/A	N/A N/A
Heterosexual	230		84	(12%)	81	(11%)	165	(11%)	N/A	N/A N/A
HRH	160		52	(8%)	60	(8%)	112	(8%)	N/A	N/A N/A
PH-Female	70		32	(5%)	21	(3%)	53	(4%)	N/A	N/A N/A
Perinatal	20		9	(1%)	7	(1%)	16	(1%)	N/A	N/A N/A
Undetermined	300		106	(15%)	106	(14%)	212	(15%)	N/A	N/A N/A
PH-Male	150		49	(7%)	60	(8%)	109	(7%)	N/A	N/A N/A
Unknown	140		57	(8%)	46	(6%)	103	(7%)	N/A	N/A N/A
AGE AT HIV DIAGNOSIS										
0 - 12 years	30		10	(1%)	8	(1%)	18	(1%)	N/A	N/A N/A
13 - 19 years	50		21	(3%)	15	(2%)	36	(2%)	N/A	N/A N/A
20 - 24 years	230		96	(14%)	65	(8%)	161	(11%)	N/A	N/A N/A
25 - 29 years	360		127	(18%)	126	(16%)	253	(17%)	N/A	N/A N/A
30 - 39 years	770		259	(37%)	290	(38%)	549	(38%)	N/A	N/A N/A
40 - 49 years	450		140	(20%)	183	(24%)	323	(22%)	N/A	N/A N/A
50 - 59 years	140		30	(4%)	72	(9%)	102	(7%)	N/A	N/A N/A
60 years and	20		10	(1%)	7	(1%)	17	(1%)	N/A	N/A N/A
Unspecified	0		0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	2,050		693 (100%)		766 (100%)		1,459 (100%)		120	1,214,255 (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: 949,209 / 844 = 1,125. Thus, 1 out of every 1,125 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 (79%)	254 (66%)	25 (68%)	15 (58%)	912 (74%)
Injecting Drug Use	22 (3%)	29 (7%)	5 (14%)	<5 **	58 (5%)
Male-Male Sex/IDU	40 (5%)	12 (3%)	0 (0%)	<5 **	54 (4%)
Blood Products	11 (1%)	0 (0%)	<5 **	<5 **	13 (1%)
Heterosexual*	9 (1%)	15 (4%)	<5 **	0 (0%)	26 (2%)
Perinatal	<5 **	<5 **	0 (0%)	<5 **	9 (1%)
Undetermined	76 (10%)	73 (19%)	<5 **	5 (19%)	158 (13%)
<i>PH-Male</i>	45 (6%)	56 (14%)	<5 **	5 (19%)	109 (9%)
<i>Unknown</i>	31 (4%)	17 (4%)	<5 **	0 (0%)	49 (4%)
Male Subtotal	780 (63%)	387 (31%)	37 (3%)	26 (2%)	1230 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	8 (13%)	15 (10%)	<5 **	0 (0%)	26 (11%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	38 (59%)	87 (60%)	9 (75%)	5 (63%)	139 (61%)
<i>HRH</i>	26 (41%)	50 (34%)	8 (67%)	<5 **	86 (38%)
<i>PH-Female</i>	12 (19%)	37 (26%)	<5 **	<5 **	53 (23%)
Perinatal	<5 **	<5 **	0 (0%)	0 (0%)	7 (3%)
Undetermined*	12 (19%)	39 (27%)	0 (0%)	<5 **	54 (24%)
Female Subtotal	64 (28%)	145 (63%)	12 (5%)	8 (3%)	229 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	618 (73%)	254 (48%)	25 (51%)	15 (44%)	912 (63%)
Injecting Drug Use	30 (4%)	44 (8%)	8 (16%)	<5 **	84 (6%)
Male-Male Sex/IDU	40 (5%)	12 (2%)	0 (0%)	<5 **	54 (4%)
Blood Products	14 (2%)	0 (0%)	<5 **	<5 **	16 (1%)
Heterosexual	47 (6%)	102 (19%)	11 (22%)	5 (15%)	165 (11%)
<i>HRH</i>	35 (4%)	65 (12%)	10 (20%)	<5 **	112 (8%)
<i>PH-Female</i>	12 (1%)	37 (7%)	<5 **	<5 **	53 (4%)
Perinatal	7 (1%)	8 (2%)	0 (0%)	<5 **	16 (1%)
Undetermined	88 (10%)	112 (21%)	<5 **	8 (24%)	212 (15%)
<i>PH-Male</i>	45 (5%)	56 (11%)	<5 **	5 (15%)	109 (7%)
<i>Unknown</i>	43 (5%)	56 (11%)	<5 **	<5 **	103 (7%)
RACE TOTAL	844 (58%)	532 (36%)	49 (3%)	34 (2%)	1459 (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

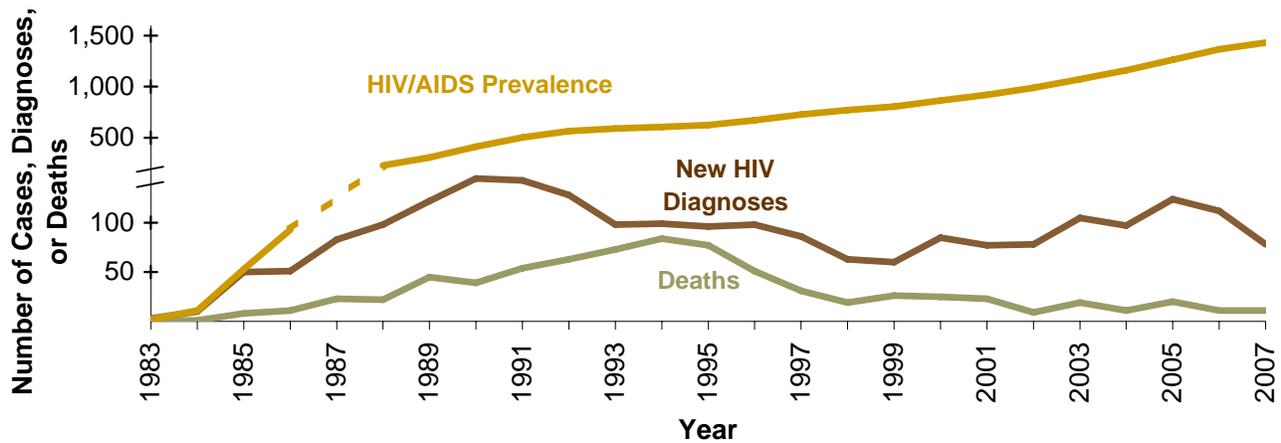
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	3	1	2	2	1	1
1984	10	1	11	8	1	8
1985	50	8	53	11	8	11
1986	51	11	93	17	11	17
1987	83	23	153	43	23	37
1988	98	22	229	53	22	68
1989	122	45	306	61	45	84
1990	145	39	412	79	37	126
1991	143	54	501	94	51	169
1992	128	63	566	109	61	217
1993	98	73	591	106	69	254
1994	99	84	606	91	83	262
1995	96	77	625	90	74	278
1996	98	51	672	75	45	308
1997	86	31	727	59	28	339
1998	63	19	771	40	16	363
1999	60	26	805	38	23	378
2000	85	25	865	54	25	407
2001	77	23	919	53	20	440
2002	78	9	988	47	8	479
2003	105	19	1,074	69	18	530
2004	97	11	1,160	53	9	574
2005	124	20	1,264	82	18	638
2006	112	11	1,365	79	11	706
2007	78	11	1,432	47	10	743
TOTAL	2,189	757		1,460	717	

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 1,432. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 743.

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>Rate</i>	<i>Cumulative AIDS</i>
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>		
Oakland Co.	2,050	693	766	1,459	120	1,460
Michigan Total	18,000	6,325	6,995	13,320	132	15,579

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 2008, 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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