

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

	<i>EST PREV*</i>	<i>REPORTED PREVALENCE[†]</i>						<i>CENSUS 2008 ESTIMATES</i>	
		<i>HIV, not AIDS</i>		<i>AIDS</i>		<i>Total</i>		<i>Rate per 100,000[§]</i>	<i>Number Percent</i>
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		<i>Number Percent</i>
<i>RACE/ ETHNICITY[¶]</i>									
White	210	81	(55%)	83	(58%)	164	(57%)	81.1	202,179 (82%)
Black	150	59	(40%)	55	(38%)	114	(39%)	480.2	23,739 (10%)
Hispanic	10	<5	**	5	(3%)	8	(3%)	---	8,378 (3%)
Asian/PI	10	<5	**	0	(0%)	<5	**	**	5,755 (2%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	1,023 (<1%)
Multi/Unk	10	<5	**	0	(0%)	<5	**	N/A	4,838 (2%)
<i>SEX & RACE</i>									
Males	300	104	(71%)	122	(85%)	226	(78%)	188.9	119,666 (49%)
White Males	180	66	(45%)	74	(52%)	140	(48%)	142.7	98,112 (40%)
Black Males	100	34	(23%)	43	(30%)	77	(27%)	686.8	11,212 (5%)
Hispanic Males	10	<5	**	5	(3%)	7	(2%)	---	4,324 (2%)
Other Males	10	<5	**	0	(0%)	<5	**	**	6,018 (2%)
Females	80	43	(29%)	21	(15%)	64	(22%)	50.7	126,246 (51%)
White Females	30	15	(10%)	9	(6%)	24	(8%)	23.1	104,067 (42%)
Black Females	50	25	(17%)	12	(8%)	37	(13%)	295.4	12,527 (5%)
Hispanic Fmls	10	<5	**	0	(0%)	<5	**	**	4,054 (2%)
Other Females	10	<5	**	0	(0%)	<5	**	**	5,598 (2%)
<i>RISK*</i>									
Male-Male Sex	200	70	(48%)	80	(56%)	150	(52%)	N/A	N/A N/A
Injection Drug Use	30	10	(7%)	15	(10%)	25	(9%)	N/A	N/A N/A
MSM/IDU	20	8	(5%)	5	(3%)	13	(4%)	N/A	N/A N/A
Blood Products	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Heterosexual	50	28	(19%)	13	(9%)	41	(14%)	N/A	N/A N/A
HRH	40	21	(14%)	9	(6%)	30	(10%)	N/A	N/A N/A
PH-Female	10	7	(5%)	<5	**	11	(4%)	N/A	N/A N/A
Perinatal	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Undetermined	70	28	(19%)	28	(20%)	56	(19%)	N/A	N/A N/A
PH-Male	20	<5	**	14	(10%)	16	(6%)	N/A	N/A N/A
Unknown	50	26	(18%)	14	(10%)	40	(14%)	N/A	N/A N/A
<i>AGE AT HIV DIAGNOSIS</i>									
0 - 12 years	10	<5	**	<5	**	<5	**	N/A	N/A N/A
13 - 19 years	30	13	(9%)	7	(5%)	20	(7%)	N/A	N/A N/A
20 - 24 years	50	23	(16%)	14	(10%)	37	(13%)	N/A	N/A N/A
25 - 29 years	70	26	(18%)	26	(18%)	52	(18%)	N/A	N/A N/A
30 - 39 years	130	54	(37%)	43	(30%)	97	(33%)	N/A	N/A N/A
40 - 49 years	80	23	(16%)	36	(25%)	59	(20%)	N/A	N/A N/A
50 - 59 years	20	6	(4%)	12	(8%)	18	(6%)	N/A	N/A N/A
60 years and over	10	0	(0%)	<5	**	<5	**	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	380	147 (100%)		143 (100%)		290 (100%)		118	245,912 (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: 202,179/ 164 = 1,233. Thus, 1 out of every 1,233 non-Hispanic white persons in KALAMAZOO 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 KALAMAZOO CO.

MALES	White		Black		Hispanic		Other or Unknown		Male Subtotal	
Male-Male sex	106	(76%)	38	(49%)	<5	**	<5	**	150	(66%)
Injecting Drug Use	6	(4%)	8	(10%)	0	(0%)	0	(0%)	14	(6%)
Male-Male Sex/IDU	8	(6%)	5	(6%)	0	(0%)	0	(0%)	13	(6%)
Blood Products	<5	**	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual*	<5	**	5	(6%)	0	(0%)	0	(0%)	6	(3%)
Perinatal	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Undetermined	18	(13%)	19	(25%)	<5	**	0	(0%)	40	(18%)
<i>PH-Male</i>	7	(5%)	8	(10%)	<5	**	0	(0%)	16	(7%)
<i>Unknown</i>	11	(8%)	11	(14%)	<5	**	0	(0%)	24	(11%)
Male Subtotal	140	(62%)	77	(34%)	7	(3%)	<5	**	226	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	<5	**	8	(22%)	0	(0%)	0	(0%)	11	(17%)
Blood Products	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Heterosexual	14	(58%)	20	(54%)	<5	**	0	(0%)	35	(55%)
<i>HRH</i>	12	(50%)	11	(30%)	<5	**	0	(0%)	24	(38%)
<i>PH-Female</i>	<5	**	9	(24%)	0	(0%)	0	(0%)	11	(17%)
Perinatal	<5	**	0	(0%)	0	(0%)	<5	**	<5	**
Undetermined*	6	(25%)	9	(24%)	0	(0%)	<5	**	16	(25%)
Female Subtotal	24	(38%)	37	(58%)	<5	**	<5	**	64	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	106	(65%)	38	(33%)	<5	**	<5	**	150	(52%)
Injecting Drug Use	9	(5%)	16	(14%)	0	(0%)	0	(0%)	25	(9%)
Male-Male Sex/IDU	8	(5%)	5	(4%)	0	(0%)	0	(0%)	13	(4%)
Blood Products	<5	**	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual	15	(9%)	25	(22%)	<5	**	0	(0%)	41	(14%)
<i>HRH</i>	13	(8%)	16	(14%)	<5	**	0	(0%)	30	(10%)
<i>PH-Female</i>	<5	**	9	(8%)	0	(0%)	0	(0%)	11	(4%)
Perinatal	<5	**	0	(0%)	0	(0%)	<5	**	<5	**
Undetermined	24	(15%)	28	(25%)	<5	**	<5	**	56	(19%)
<i>PH-Male</i>	7	(4%)	8	(7%)	<5	**	0	(0%)	16	(6%)
<i>Unknown</i>	17	(10%)	20	(18%)	<5	**	<5	**	40	(14%)
RACE TOTAL	164	(57%)	114	(39%)	8	(3%)	<5	**	290	(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 KALAMAZOO CO. by Year

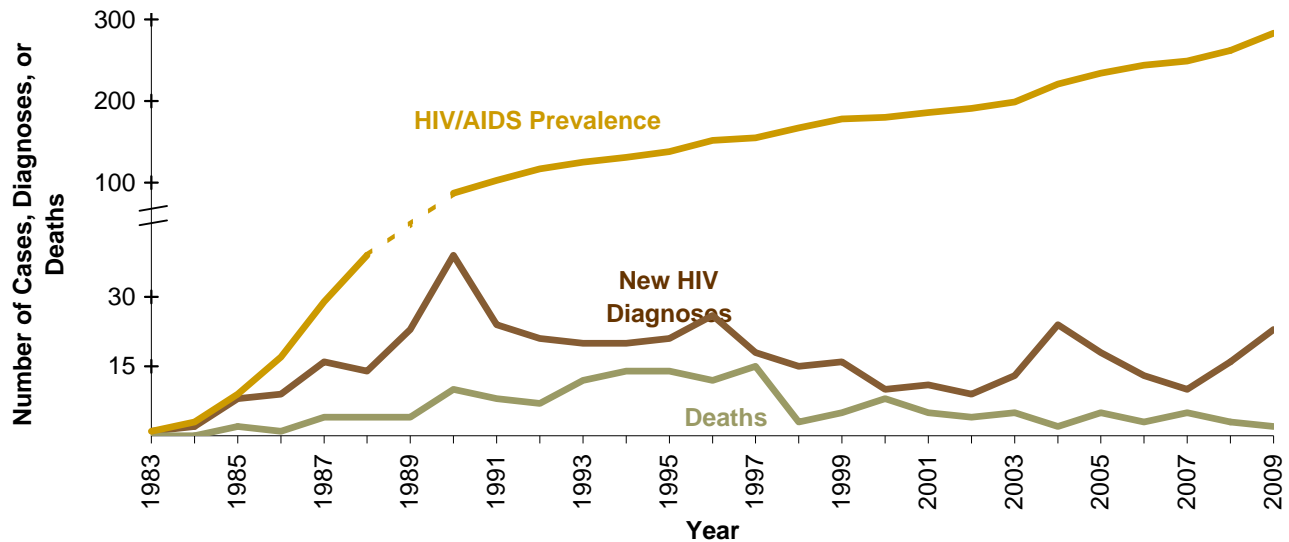
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	2	0	3	0	0	1
1985	8	2	9	3	2	2
1986	9	1	17	1	1	2
1987	16	4	29	7	4	5
1988	14	4	39	10	4	11
1989	23	4	58	7	4	14
1990	39	10	87	21	10	25
1991	24	8	103	10	8	27
1992	21	7	117	14	7	34
1993	20	12	125	25	11	48
1994	20	14	131	22	13	57
1995	21	14	138	28	13	72
1996	26	12	152	21	12	81
1997	18	15	155	21	13	89
1998	15	3	167	12	2	99
1999	16	5	178	5	5	99
2000	10	8	180	9	8	100
2001	11	5	186	6	5	101
2002	9	4	191	1	4	98
2003	13	5	199	5	5	98
2004	24	2	221	7	1	104
2005	18	5	234	13	3	114
2006	13	3	244	7	2	119
2007	10	5	249	9	4	124
2008	16	3	262	11	3	132
2009	23	2	283	9	2	139
2010	7	0	290	4	0	143
TOTAL	447	157		289	146	

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 4, 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 KALAMAZOO CO. is 290. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 143.

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 KALAMAZOO CO. by Year**TABLE 4. Comparison of HIV/AIDS Prevalence in KALAMAZOO 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>	
Kalamazoo Co.	380	147	143	290	118	289
Michigan Total	18,800	6,776	7,910	14,686	147	16,954

ADDITIONAL NOTES

Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in KALAMAZOO 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.



Michigan Department of Community Health
HIV/STD/VH/TB Epidemiology Section
Division of Communicable Disease
Bureau of Epidemiology

Jennifer M. Granholm, Governor
Janet Olszewski, Director
<http://www.michigan.gov/hivstd>

Lansing Office 201 Townsend St., 5th Floor
Lansing, MI 48913
517-335-8165

Detroit Office 1151 Taylor St., Room 211B
Detroit, MI 48202
313-876-0353