

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	79	(53%)	84	(57%)	163	(55%)	80.6	202,179 (82%)
Black	160	63	(42%)	58	(39%)	121	(41%)	509.7	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	310	108	(72%)	125	(85%)	233	(79%)	194.7	119,666 (49%)
White Males	180	65	(44%)	75	(51%)	140	(47%)	142.7	98,112 (40%)
Black Males	110	39	(26%)	45	(31%)	84	(28%)	749.2	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	41	(28%)	22	(15%)	63	(21%)	49.9	126,246 (51%)
White Females	30	14	(9%)	9	(6%)	23	(8%)	22.1	104,067 (42%)
Black Females	50	24	(16%)	13	(9%)	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	72	(48%)	79	(54%)	151	(51%)	N/A	N/A N/A
Injection Drug Use	30	8	(5%)	16	(11%)	24	(8%)	N/A	N/A N/A
MSM/IDU	20	9	(6%)	5	(3%)	14	(5%)	N/A	N/A N/A
Blood Products	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Heterosexual	50	27	(18%)	13	(9%)	40	(14%)	N/A	N/A N/A
HRH	40	20	(13%)	10	(7%)	30	(10%)	N/A	N/A N/A
PH-Female	10	7	(5%)	<5	**	10	(3%)	N/A	N/A N/A
Perinatal	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Undetermined	80	31	(21%)	31	(21%)	62	(21%)	N/A	N/A N/A
PH-Male	20	<5	**	14	(10%)	16	(5%)	N/A	N/A N/A
Unknown	60	29	(19%)	17	(12%)	46	(16%)	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	12	(8%)	7	(5%)	19	(6%)	N/A	N/A N/A
20 - 24 years	50	23	(15%)	14	(10%)	37	(13%)	N/A	N/A N/A
25 - 29 years	80	29	(19%)	29	(20%)	58	(20%)	N/A	N/A N/A
30 - 39 years	130	56	(38%)	45	(31%)	101	(34%)	N/A	N/A N/A
40 - 49 years	80	22	(15%)	35	(24%)	57	(19%)	N/A	N/A N/A
50 - 59 years	20	5	(3%)	12	(8%)	17	(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	390	149	(100%)	147	(100%)	296	(100%)	120	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/ 163 = 1,240. Thus, 1 out of every 1,240 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	103	(74%)	42	(50%)	<5	**	<5	**	151	(65%)
Injecting Drug Use	6	(4%)	7	(8%)	0	(0%)	0	(0%)	13	(6%)
Male-Male Sex/IDU	8	(6%)	6	(7%)	0	(0%)	0	(0%)	14	(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	21	(15%)	22	(26%)	<5	**	0	(0%)	46	(20%)
<i>PH-Male</i>	7	(5%)	8	(10%)	<5	**	0	(0%)	16	(7%)
<i>Unknown</i>	14	(10%)	14	(17%)	<5	**	0	(0%)	30	(13%)
Male Subtotal	140	(60%)	84	(36%)	7	(3%)	<5	**	233	(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	13	(57%)	20	(54%)	<5	**	0	(0%)	34	(54%)
<i>HRH</i>	12	(52%)	11	(30%)	<5	**	0	(0%)	24	(38%)
<i>PH-Female</i>	<5	**	9	(24%)	0	(0%)	0	(0%)	10	(16%)
Perinatal	<5	**	0	(0%)	0	(0%)	<5	**	<5	**
Undetermined*	6	(26%)	9	(24%)	0	(0%)	<5	**	16	(25%)
Female Subtotal	23	(37%)	37	(59%)	<5	**	<5	**	63	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	103	(63%)	42	(35%)	<5	**	<5	**	151	(51%)
Injecting Drug Use	9	(6%)	15	(12%)	0	(0%)	0	(0%)	24	(8%)
Male-Male Sex/IDU	8	(5%)	6	(5%)	0	(0%)	0	(0%)	14	(5%)
Blood Products	<5	**	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual	14	(9%)	25	(21%)	<5	**	0	(0%)	40	(14%)
<i>HRH</i>	13	(8%)	16	(13%)	<5	**	0	(0%)	30	(10%)
<i>PH-Female</i>	<5	**	9	(7%)	0	(0%)	0	(0%)	10	(3%)
Perinatal	<5	**	0	(0%)	0	(0%)	<5	**	<5	**
Undetermined	27	(17%)	31	(26%)	<5	**	<5	**	62	(21%)
<i>PH-Male</i>	7	(4%)	8	(7%)	<5	**	0	(0%)	16	(5%)
<i>Unknown</i>	20	(12%)	23	(19%)	<5	**	<5	**	46	(16%)
RACE TOTAL	163	(55%)	121	(41%)	8	(3%)	<5	**	296	(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

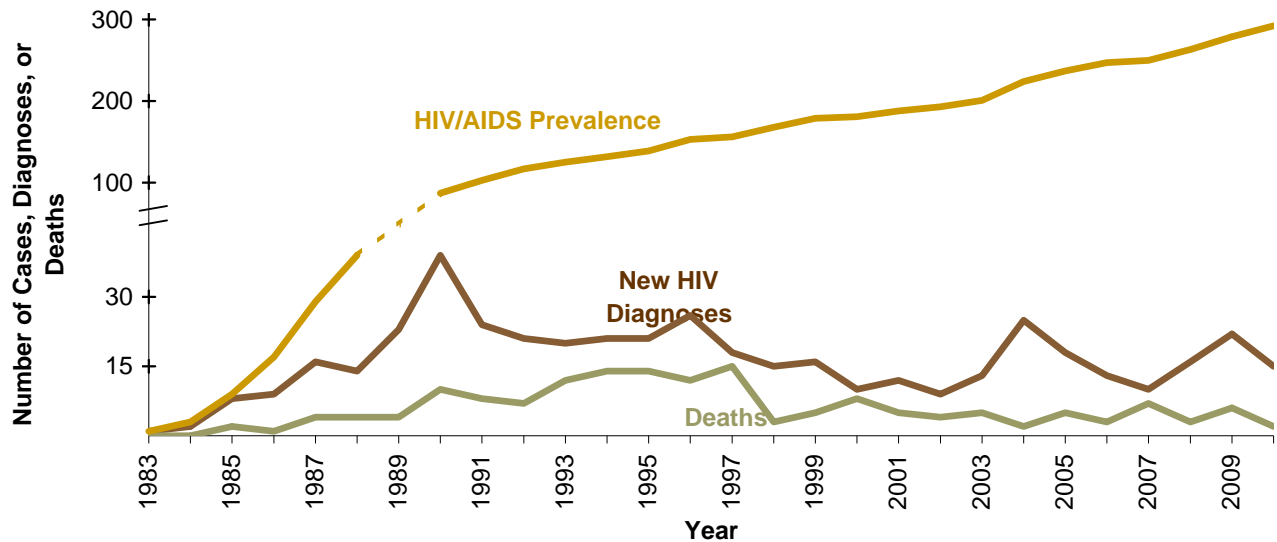
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	2	0	3	0	0	1
1985	8	2	9	3	2	2
1986	9	1	17	1	1	2
1987	16	4	29	7	4	5
1988	14	4	39	10	4	11
1989	23	4	58	7	4	14
1990	39	10	87	21	10	25
1991	24	8	103	10	8	27
1992	21	7	117	14	7	34
1993	20	12	125	25	11	48
1994	21	14	132	22	13	57
1995	21	14	139	28	13	72
1996	26	12	153	21	12	81
1997	18	15	156	22	13	90
1998	15	3	168	12	2	100
1999	16	5	179	5	5	100
2000	10	8	181	9	8	101
2001	12	5	188	6	5	102
2002	9	4	193	1	4	99
2003	13	5	201	5	5	99
2004	25	2	224	7	1	105
2005	18	5	237	14	3	116
2006	13	3	247	7	2	121
2007	10	7	250	9	6	124
2008	16	3	263	11	3	132
2009	22	6	279	9	5	136
2010	15	2	292	10	2	144
2011	4	0	296	3	0	147
TOTAL	461	165		300	153	

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 296. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 147.

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.	390	149	147	296	120	300
Michigan Total	19,500	6,871	7,934	14,805	148	17,439

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 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.



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