

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

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2008 ESTIMATES	
		HIV, not AIDS		AIDS		Total		Number	Percent
	Number	Number	Percent	Number	Percent	Number	Percent		
RACE/ ETHNICITY[¶]									
White	80	19	(20%)	43	(31%)	62	(27%)	49.7	124,820 (78%)
Black	200	70	(74%)	87	(63%)	157	(68%)	686.8	22,858 (14%)
Hispanic	10	<5	**	8	(6%)	11	(5%)	171.5	6,414 (4%)
Asian/PI	0	0	(0%)	0	(0%)	0	(0%)	**	2,476 (2%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	705 (<1%)
Multi/Unk	10	<5	**	0	(0%)	<5	**	N/A	2,208 (1%)
SEX & RACE									
Males	180	55	(59%)	84	(61%)	139	(60%)	179.6	77,404 (49%)
White Males	70	15	(16%)	36	(26%)	51	(22%)	83.7	60,926 (38%)
Black Males	100	38	(40%)	41	(30%)	79	(34%)	759.8	10,398 (7%)
Hispanic Males	10	<5	**	7	(5%)	8	(3%)	---	3,450 (2%)
Other Males	10	<5	**	0	(0%)	<5	**	**	2,630 (2%)
Females	120	39	(41%)	54	(39%)	93	(40%)	113.3	82,077 (51%)
White Females	10	<5	**	7	(5%)	11	(5%)	17.2	63,894 (40%)
Black Females	100	32	(34%)	46	(33%)	78	(34%)	626.0	12,460 (8%)
Hispanic Fmls	10	<5	**	<5	**	<5	**	**	2,964 (2%)
Other Females	10	<5	**	0	(0%)	<5	**	**	2,759 (2%)
RISK*									
Male-Male Sex	80	19	(20%)	39	(28%)	58	(25%)	N/A	N/A N/A
Injection Drug Use	20	6	(6%)	8	(6%)	14	(6%)	N/A	N/A N/A
MSM/IDU	10	<5	**	5	(4%)	8	(3%)	N/A	N/A N/A
Blood Products	10	<5	**	0	(0%)	<5	**	N/A	N/A N/A
Heterosexual	110	38	(40%)	47	(34%)	85	(37%)	N/A	N/A N/A
HRH	80	27	(29%)	35	(25%)	62	(27%)	N/A	N/A N/A
PH-Female	30	11	(12%)	12	(9%)	23	(10%)	N/A	N/A N/A
Perinatal	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Undetermined	80	25	(27%)	38	(28%)	63	(27%)	N/A	N/A N/A
PH-Male	50	13	(14%)	25	(18%)	38	(16%)	N/A	N/A N/A
Unknown	30	12	(13%)	13	(9%)	25	(11%)	N/A	N/A N/A
AGE AT HIV DIAGNOSIS									
0 - 12 years	10	<5	**	<5	**	<5	**	N/A	N/A N/A
13 - 19 years	10	7	(7%)	<5	**	11	(5%)	N/A	N/A N/A
20 - 24 years	40	15	(16%)	18	(13%)	33	(14%)	N/A	N/A N/A
25 - 29 years	40	10	(11%)	20	(14%)	30	(13%)	N/A	N/A N/A
30 - 39 years	120	43	(46%)	50	(36%)	93	(40%)	N/A	N/A N/A
40 - 49 years	60	15	(16%)	33	(24%)	48	(21%)	N/A	N/A N/A
50 - 59 years	10	0	(0%)	10	(7%)	10	(4%)	N/A	N/A N/A
60 years and over	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	300	94	(100%)	138	(100%)	232	(100%)	145	159,481 (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: 124,820 / 62 = 2,013. Thus, 1 out of every 2,013 non-Hispanic white persons in BERRIEN 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 BERRIEN CO.

MALES	White	Black	Hispanic	Other or Unknown	Male Subtotal
Male-Male sex	36 (71%)	20 (25%)	<5 **	<5 **	58 (42%)
Injecting Drug Use	<5 **	6 (8%)	<5 **	0 (0%)	9 (6%)
Male-Male Sex/IDU	6 (12%)	<5 **	0 (0%)	0 (0%)	8 (6%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual*	<5 **	12 (15%)	0 (0%)	0 (0%)	15 (11%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	<5 **	37 (47%)	6 (75%)	0 (0%)	47 (34%)
<i>PH-Male</i>	<5 **	30 (38%)	<5 **	0 (0%)	38 (27%)
<i>Unknown</i>	0 (0%)	7 (9%)	<5 **	0 (0%)	9 (6%)
Male Subtotal	51 (37%)	79 (57%)	8 (6%)	<5 **	139 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	<5 **	<5 **	<5 **	0 (0%)	5 (5%)
Blood Products	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Heterosexual	8 (73%)	59 (76%)	<5 **	<5 **	70 (75%)
<i>HRH</i>	7 (64%)	38 (49%)	<5 **	0 (0%)	47 (51%)
<i>PH-Female</i>	<5 **	21 (27%)	0 (0%)	<5 **	23 (25%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined*	<5 **	14 (18%)	0 (0%)	0 (0%)	16 (17%)
Female Subtotal	11 (12%)	78 (84%)	<5 **	<5 **	93 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	36 (58%)	20 (13%)	<5 **	<5 **	58 (25%)
Injecting Drug Use	<5 **	9 (6%)	<5 **	0 (0%)	14 (6%)
Male-Male Sex/IDU	6 (10%)	<5 **	0 (0%)	0 (0%)	8 (3%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	11 (18%)	71 (45%)	<5 **	<5 **	85 (37%)
<i>HRH</i>	10 (16%)	50 (32%)	<5 **	0 (0%)	62 (27%)
<i>PH-Female</i>	<5 **	21 (13%)	0 (0%)	<5 **	23 (10%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	6 (10%)	51 (32%)	6 (55%)	0 (0%)	63 (27%)
<i>PH-Male</i>	<5 **	30 (19%)	<5 **	0 (0%)	38 (16%)
<i>Unknown</i>	<5 **	21 (13%)	<5 **	0 (0%)	25 (11%)
RACE TOTAL	62 (27%)	157 (68%)	11 (5%)	<5 **	232 (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 BERRIEN CO. by Year

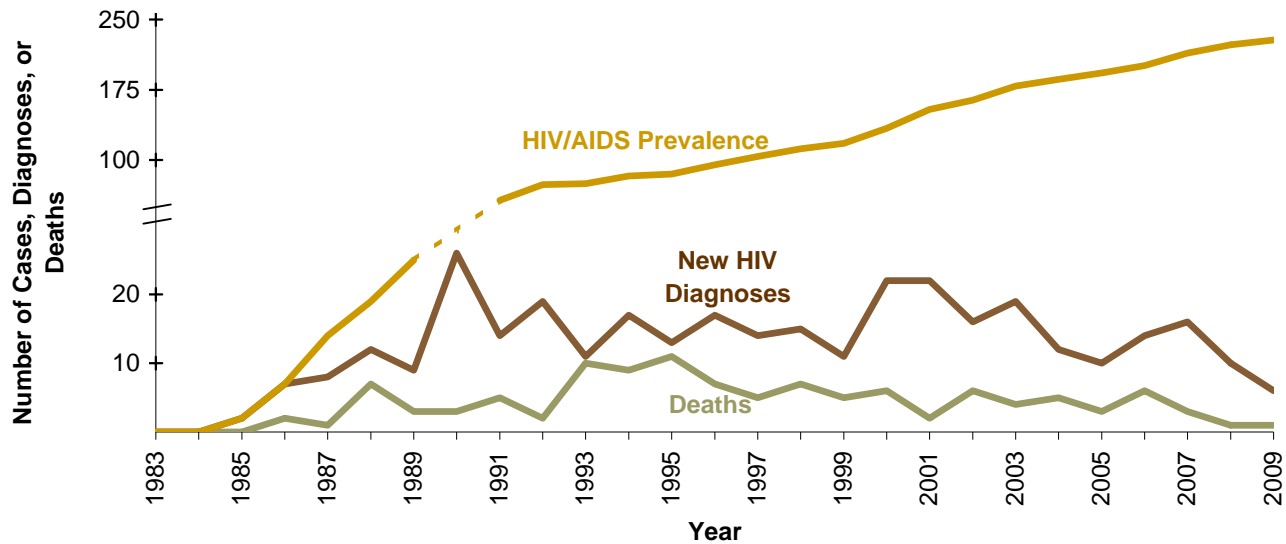
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	0	0	0	0	0	0
1984	0	0	0	0	0	0
1985	2	0	2	1	0	1
1986	7	2	7	4	2	3
1987	8	1	14	2	1	4
1988	12	7	19	7	7	4
1989	9	3	25	4	3	5
1990	26	3	48	9	3	11
1991	14	5	57	12	5	18
1992	19	2	74	11	2	27
1993	11	10	75	13	10	30
1994	17	9	83	13	7	36
1995	13	11	85	11	10	37
1996	17	7	95	13	7	43
1997	14	5	104	8	4	47
1998	15	7	112	10	6	51
1999	11	5	118	5	5	51
2000	22	6	134	14	4	61
2001	22	2	154	18	2	77
2002	16	6	164	13	6	84
2003	19	4	179	13	3	94
2004	12	5	186	10	5	99
2005	10	3	193	9	3	105
2006	14	6	201	12	4	113
2007	16	3	214	11	2	122
2008	10	1	223	7	1	128
2009	6	1	228	6	1	133
2010	4	0	232	5	0	138
TOTAL	346	114		241	103	

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 BERRIEN CO. is 232. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 138.

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 BERRIEN CO. by Year**TABLE 4. Comparison of HIV/AIDS Prevalence in BERRIEN CO. to State**

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Berrien Co.	300	94	138	232	145	241
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 BERRIEN 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
<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