

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

	<b>EST PREV*</b>	<b>REPORTED PREVALENCE<sup>†</sup></b>						<b>CENSUS 2008 ESTIMATES</b>	
		<b>HIV, not AIDS</b>		<b>AIDS</b>		<b>Total</b>		<b>Number</b>	<b>Percent</b>
	<b>Number</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>		
<b>RACE/ ETHNICITY<sup>¶</sup></b>									
White	80	21	(23%)	41	(30%)	62	(27%)	49.7	124,820 (78%)
Black	200	62	(69%)	90	(66%)	152	(67%)	665.0	22,858 (14%)
Hispanic	10	<5	**	6	(4%)	10	(4%)	155.9	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%)
<b>SEX &amp; RACE</b>									
Males	180	53	(59%)	81	(59%)	134	(59%)	173.1	77,404 (49%)
White Males	70	16	(18%)	34	(25%)	50	(22%)	82.1	60,926 (38%)
Black Males	100	33	(37%)	42	(31%)	75	(33%)	721.3	10,398 (7%)
Hispanic Males	10	<5	**	5	(4%)	7	(3%)	---	3,450 (2%)
Other Males	10	<5	**	0	(0%)	<5	**	**	2,630 (2%)
Females	120	37	(41%)	56	(41%)	93	(41%)	113.3	82,077 (51%)
White Females	20	5	(6%)	7	(5%)	12	(5%)	18.8	63,894 (40%)
Black Females	100	29	(32%)	48	(35%)	77	(34%)	618.0	12,460 (8%)
Hispanic Fmls	10	<5	**	<5	**	<5	**	**	2,964 (2%)
Other Females	10	<5	**	0	(0%)	<5	**	**	2,759 (2%)
<b>RISK*</b>									
Male-Male Sex	80	21	(23%)	37	(27%)	58	(26%)	N/A	N/A N/A
Injection Drug Use	20	6	(7%)	6	(4%)	12	(5%)	N/A	N/A N/A
MSM/IDU	10	<5	**	<5	**	7	(3%)	N/A	N/A N/A
Blood Products	10	<5	**	0	(0%)	<5	**	N/A	N/A N/A
Heterosexual	110	37	(41%)	50	(36%)	87	(38%)	N/A	N/A N/A
HRH	90	27	(30%)	38	(28%)	65	(29%)	N/A	N/A N/A
PH-Female	30	10	(11%)	12	(9%)	22	(10%)	N/A	N/A N/A
Perinatal	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Undetermined	80	20	(22%)	39	(28%)	59	(26%)	N/A	N/A N/A
PH-Male	40	10	(11%)	24	(18%)	34	(15%)	N/A	N/A N/A
Unknown	30	10	(11%)	15	(11%)	25	(11%)	N/A	N/A N/A
<b>AGE AT HIV DIAGNOSIS</b>									
0 - 12 years	10	<5	**	<5	**	<5	**	N/A	N/A N/A
13 - 19 years	20	7	(8%)	5	(4%)	12	(5%)	N/A	N/A N/A
20 - 24 years	40	15	(17%)	17	(12%)	32	(14%)	N/A	N/A N/A
25 - 29 years	40	9	(10%)	20	(15%)	29	(13%)	N/A	N/A N/A
30 - 39 years	120	41	(46%)	49	(36%)	90	(40%)	N/A	N/A N/A
40 - 49 years	70	15	(17%)	35	(26%)	50	(22%)	N/A	N/A N/A
50 - 59 years	10	0	(0%)	8	(6%)	8	(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
<b>TOTAL</b>	<b>300</b>	<b>90</b>	<b>(100%)</b>	<b>137</b>	<b>(100%)</b>	<b>227</b>	<b>(100%)</b>	<b>142</b>	<b>159,481 (100%)</b>

\*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.

<sup>†</sup> Includes reports that contain patient name or are otherwise unduplicated. <5 and "\*\*" = 1, 2, 3, or 4 cases.

<sup>§</sup> 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 "----".

<sup>¶</sup> 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.**

<b>MALES</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>Male Subtotal</b>
Male-Male sex	37 (74%)	19 (25%)	<5 **	<5 **	58 (43%)
Injecting Drug Use	<5 **	6 (8%)	0 (0%)	0 (0%)	8 (6%)
Male-Male Sex/IDU	5 (10%)	<5 **	0 (0%)	0 (0%)	7 (5%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual*	<5 **	13 (17%)	0 (0%)	<5 **	17 (13%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	<5 **	33 (44%)	6 (86%)	0 (0%)	42 (31%)
<i>PH-Male</i>	<5 **	27 (36%)	<5 **	0 (0%)	34 (25%)
<i>Unknown</i>	0 (0%)	6 (8%)	<5 **	0 (0%)	8 (6%)
<b>Male Subtotal</b>	<b>50 (37%)</b>	<b>75 (56%)</b>	<b>7 (5%)</b>	<b>&lt;5 **</b>	<b>134 (100%)</b>
<b>FEMALES</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>Female Subtotal</b>
Injecting Drug Use	<5 **	<5 **	<5 **	0 (0%)	<5 **
Blood Products	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Heterosexual	8 (67%)	59 (77%)	<5 **	<5 **	70 (75%)
<i>HRH</i>	7 (58%)	39 (51%)	<5 **	0 (0%)	48 (52%)
<i>PH-Female</i>	<5 **	20 (26%)	0 (0%)	<5 **	22 (24%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined*	<5 **	14 (18%)	0 (0%)	0 (0%)	17 (18%)
<b>Female Subtotal</b>	<b>12 (13%)</b>	<b>77 (83%)</b>	<b>&lt;5 **</b>	<b>&lt;5 **</b>	<b>93 (100%)</b>
<b>TOTAL</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>Risk Total</b>
Male-Male sex	37 (60%)	19 (13%)	<5 **	<5 **	58 (26%)
Injecting Drug Use	<5 **	8 (5%)	<5 **	0 (0%)	12 (5%)
Male-Male Sex/IDU	5 (8%)	<5 **	0 (0%)	0 (0%)	7 (3%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	11 (18%)	72 (47%)	<5 **	<5 **	87 (38%)
<i>HRH</i>	10 (16%)	52 (34%)	<5 **	<5 **	65 (29%)
<i>PH-Female</i>	<5 **	20 (13%)	0 (0%)	<5 **	22 (10%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	6 (10%)	47 (31%)	6 (60%)	0 (0%)	59 (26%)
<i>PH-Male</i>	<5 **	27 (18%)	<5 **	0 (0%)	34 (15%)
<i>Unknown</i>	<5 **	20 (13%)	<5 **	0 (0%)	25 (11%)
<b>RACE TOTAL</b>	<b>62 (27%)</b>	<b>152 (67%)</b>	<b>10 (4%)</b>	<b>&lt;5 **</b>	<b>227 (100%)</b>

\*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**

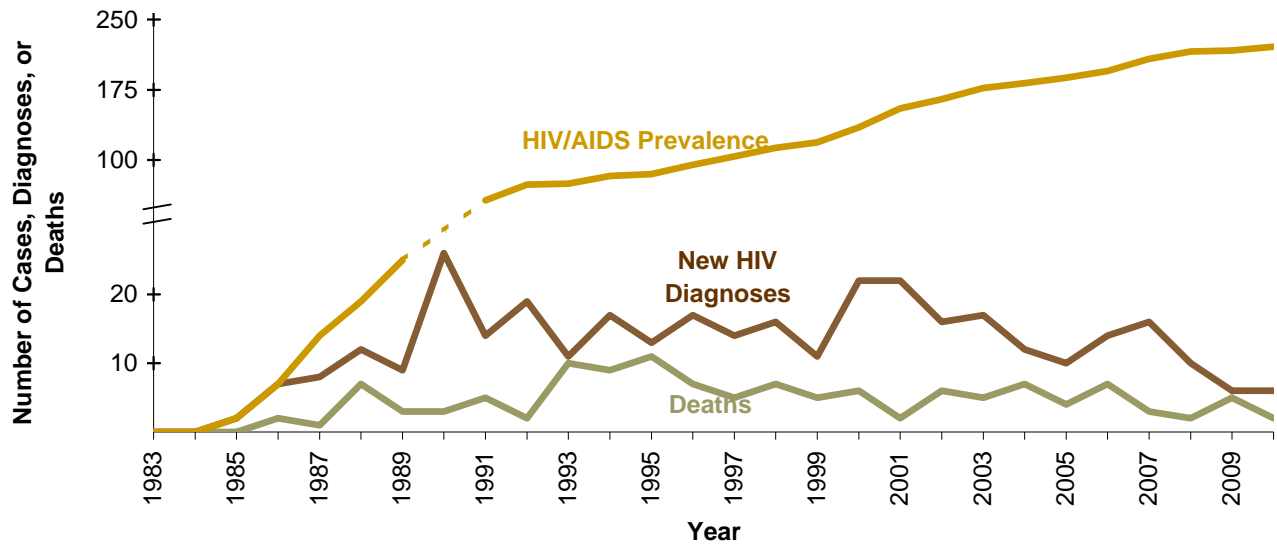
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	0	0	0	0	0	0
1984	0	0	0	0	0	0
1985	2	0	2	1	0	1
1986	7	2	7	4	2	3
1987	8	1	14	2	1	4
1988	12	7	19	7	7	4
1989	9	3	25	4	3	5
1990	26	3	48	9	3	11
1991	14	5	57	12	5	18
1992	19	2	74	11	2	27
1993	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	16	7	113	10	6	51
1999	11	5	119	5	5	51
2000	22	6	135	14	4	61
2001	22	2	155	18	2	77
2002	16	6	165	13	6	84
2003	17	5	177	13	3	94
2004	12	7	182	10	6	98
2005	10	4	188	9	4	103
2006	14	7	195	12	5	110
2007	16	3	208	11	2	119
2008	10	2	216	7	2	124
2009	6	5	217	6	4	126
2010	6	2	221	12	2	136
2011	6	0	<b>227</b>	1	0	<b>137</b>
<b>TOTAL</b>	<b>353</b>	<b>126</b>		<b>249</b>	<b>112</b>	

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 BERRIEN CO. is 227. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 137.

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	90	137	227	142	249
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 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 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.



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