

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

	<b>EST PREV*</b>	<b>REPORTED PREVALENCE †</b>						<b>CENSUS 2007 ESTIMATES</b>			
		<b>HIV, not AIDS</b>		<b>AIDS</b>		<b>Total</b>		<b>Rate per 100,000<sup>§</sup></b>	<b>Number Percent</b>		
	<b>Number</b>	<b>Number</b>	<b>Percent</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	20	(20%)	42	(32%)	62	(27%)	49.6	124,883	(78%)	
Black	200	72	(73%)	81	(62%)	153	(67%)	657.5	23,270	(15%)	
Hispanic	10	<5	**	7	(5%)	11	(5%)	179.4	6,130	(4%)	
Asian/PI	0	0	(0%)	0	(0%)	0	(0%)	**	2,420	(2%)	
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	714	(<1%)	
Multi/Unk	10	<5	**	0	(0%)	<5	**	N/A	2,172	(1%)	
<b>SEX &amp; RACE</b>											
Males	180	60	(61%)	77	(59%)	137	(60%)	176.9	77,462	(49%)	
White Males	70	17	(17%)	34	(26%)	51	(22%)	83.6	61,014	(38%)	
Black Males	100	40	(41%)	37	(28%)	77	(34%)	726.2	10,603	(7%)	
Hispanic Males	10	<5	**	6	(5%)	8	(4%)	---	3,295	(2%)	
Other Males	10	<5	**	0	(0%)	<5	**	**	2,550	(2%)	
Females	120	38	(39%)	53	(41%)	91	(40%)	110.8	82,127	(51%)	
White Females	10	<5	**	8	(6%)	11	(5%)	17.2	63,869	(40%)	
Black Females	100	32	(33%)	44	(34%)	76	(33%)	600.0	12,667	(8%)	
Hispanic Fmls	10	<5	**	<5	**	<5	**	**	2,835	(2%)	
Other Females	10	<5	**	0	(0%)	<5	**	**	2,756	(2%)	
<b>RISK*</b>											
Male-Male Sex	70	21	(21%)	35	(27%)	56	(25%)	N/A	N/A	N/A	
Injection Drug Use	20	7	(7%)	8	(6%)	15	(7%)	N/A	N/A	N/A	
MSM/IDU	10	5	(5%)	5	(4%)	10	(4%)	N/A	N/A	N/A	
Blood Products	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A	
Heterosexual	110	37	(38%)	46	(35%)	83	(36%)	N/A	N/A	N/A	
HRH	80	28	(29%)	34	(26%)	62	(27%)	N/A	N/A	N/A	
PH-Female	30	9	(9%)	12	(9%)	21	(9%)	N/A	N/A	N/A	
Perinatal	10	<5	**	<5	**	<5	**	N/A	N/A	N/A	
Undetermined	80	25	(26%)	35	(27%)	60	(26%)	N/A	N/A	N/A	
PH-Male	50	14	(14%)	22	(17%)	36	(16%)	N/A	N/A	N/A	
Unknown	30	11	(11%)	13	(10%)	24	(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	9	(9%)	5	(4%)	14	(6%)	N/A	N/A	N/A	
20 - 24 years	40	13	(13%)	17	(13%)	30	(13%)	N/A	N/A	N/A	
25 - 29 years	40	12	(12%)	20	(15%)	32	(14%)	N/A	N/A	N/A	
30 - 39 years	110	40	(41%)	47	(36%)	87	(38%)	N/A	N/A	N/A	
40 - 49 years	60	18	(18%)	29	(22%)	47	(21%)	N/A	N/A	N/A	
50 - 59 years	10	<5	**	9	(7%)	11	(5%)	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>98 (100%)</b>		<b>130 (100%)</b>		<b>228 (100%)</b>		<b>143</b>	<b>159,589 (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.

† 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: 124,883 / 62 = 2,014. Thus, 1 out of every 2,014 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.**

<b>MALES</b>	<b>White</b>		<b>Black</b>		<b>Hispanic</b>		<b>Other or Unknown</b>		<b>Male Subtotal</b>	
Male-Male sex	36	(71%)	18	(23%)	<5	**	<5	**	56	(41%)
Injecting Drug Use	<5	**	7	(9%)	<5	**	0	(0%)	10	(7%)
Male-Male Sex/IDU	6	(12%)	<5	**	<5	**	0	(0%)	10	(7%)
Blood Products	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual*	<5	**	12	(16%)	0	(0%)	0	(0%)	15	(11%)
Perinatal	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined	<5	**	35	(45%)	5	(63%)	0	(0%)	44	(32%)
<i>PH-Male</i>	<5	**	29	(38%)	<5	**	0	(0%)	36	(26%)
<i>Unknown</i>	0	(0%)	6	(8%)	<5	**	0	(0%)	8	(6%)
<b>Male Subtotal</b>	<b>51</b>	<b>(37%)</b>	<b>77</b>	<b>(56%)</b>	<b>8</b>	<b>(6%)</b>	<b>&lt;5</b>	<b>**</b>	<b>137</b>	<b>(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	(5%)
Blood Products	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Heterosexual	8	(73%)	57	(75%)	<5	**	<5	**	68	(75%)
<i>HRH</i>	7	(64%)	38	(50%)	<5	**	0	(0%)	47	(52%)
<i>PH-Female</i>	<5	**	19	(25%)	0	(0%)	<5	**	21	(23%)
Perinatal	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined*	<5	**	14	(18%)	0	(0%)	0	(0%)	16	(18%)
<b>Female Subtotal</b>	<b>11</b>	<b>(12%)</b>	<b>76</b>	<b>(84%)</b>	<b>&lt;5</b>	<b>**</b>	<b>&lt;5</b>	<b>**</b>	<b>91</b>	<b>(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	36	(58%)	18	(12%)	<5	**	<5	**	56	(25%)
Injecting Drug Use	<5	**	10	(7%)	<5	**	0	(0%)	15	(7%)
Male-Male Sex/IDU	6	(10%)	<5	**	<5	**	0	(0%)	10	(4%)
Blood Products	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual	11	(18%)	69	(45%)	<5	**	<5	**	83	(36%)
<i>HRH</i>	10	(16%)	50	(33%)	<5	**	0	(0%)	62	(27%)
<i>PH-Female</i>	<5	**	19	(12%)	0	(0%)	<5	**	21	(9%)
Perinatal	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined	6	(10%)	49	(32%)	5	(45%)	0	(0%)	60	(26%)
<i>PH-Male</i>	<5	**	29	(19%)	<5	**	0	(0%)	36	(16%)
<i>Unknown</i>	<5	**	20	(13%)	<5	**	0	(0%)	24	(11%)
<b>RACE TOTAL</b>	<b>62</b>	<b>(27%)</b>	<b>153</b>	<b>(67%)</b>	<b>11</b>	<b>(5%)</b>	<b>&lt;5</b>	<b>**</b>	<b>228</b>	<b>(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**

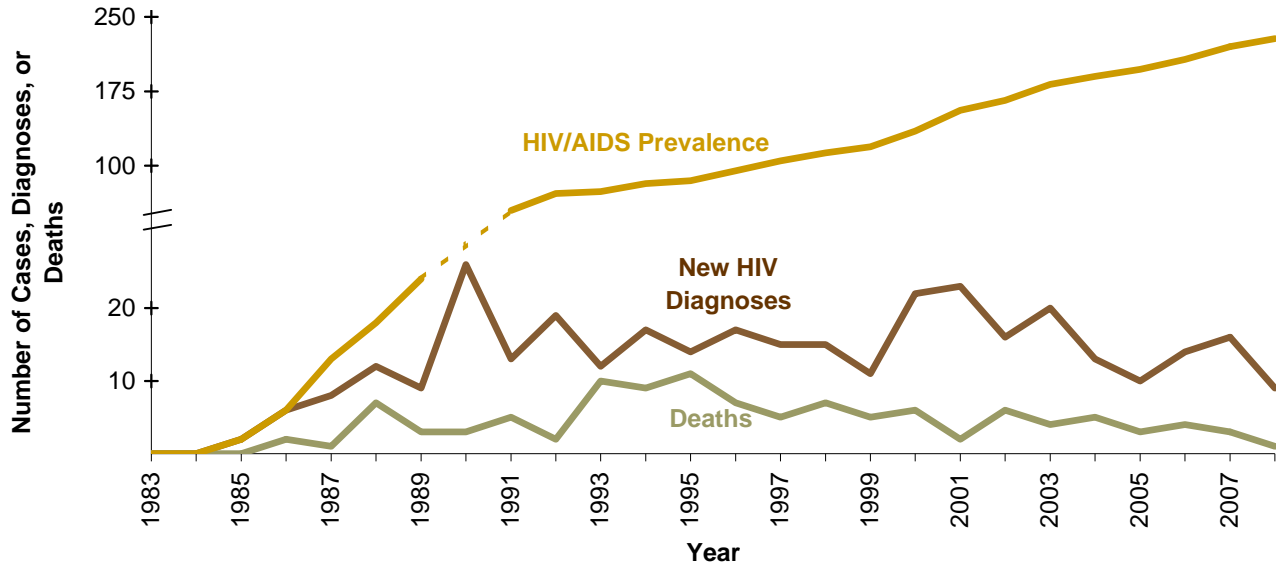
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	0	0	0	0	0	0
1984	0	0	0	0	0	0
1985	2	0	2	1	0	1
1986	6	2	6	4	2	3
1987	8	1	13	2	1	4
1988	12	7	18	7	7	4
1989	9	3	24	4	3	5
1990	26	3	47	9	3	11
1991	13	5	55	12	5	18
1992	19	2	72	11	2	27
1993	12	10	74	13	10	30
1994	17	9	82	13	7	36
1995	14	11	85	11	10	37
1996	17	7	95	13	7	43
1997	15	5	105	8	4	47
1998	15	7	113	10	6	51
1999	11	5	119	5	5	51
2000	22	6	135	14	4	61
2001	23	2	156	18	2	77
2002	16	6	166	13	6	84
2003	20	4	182	13	3	94
2004	13	5	190	10	5	99
2005	10	3	197	9	3	105
2006	14	4	207	13	3	115
2007	16	3	220	11	2	124
2008	9	1	228	7	1	130
2009	1	1	<b>228</b>	1	1	<b>130</b>
<b>TOTAL</b>	<b>340</b>	<b>112</b>		<b>232</b>	<b>102</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 228. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 130.

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**

<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>		
Berrien Co.	300	98	130	228	143	232
Michigan Total	18,200	6,524	7,507	14,031	139	16,353

## 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 2009, 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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