

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

	<i>EST PREV*</i>		<i>REPORTED PREVALENCE<sup>†</sup></i>					<i>CENSUS 2006 ESTIMATES</i>		
	Number		HIV, not AIDS		AIDS		Total		Rate per 100,000 <sup>§</sup>	Number Percent
			Number	Percent	Number	Percent	Number	Percent		
<b>RACE/ ETHNICITY<sup>¶</sup></b>										
White	300		109	(52%)	98	(58%)	207	(55%)	98.4	210,393 (76%)
Black	190		79	(38%)	55	(33%)	134	(36%)	451.6	29,674 (11%)
Hispanic	40		12	(6%)	14	(8%)	26	(7%)	155.6	16,710 (6%)
Asian/PI	10		<5	**	0	(0%)	<5	**	**	12,457 (4%)
Am Indian/AN	10		<5	**	<5	**	5	(1%)	---	1,300 (<1%)
Multi/Unk	10		<5	**	0	(0%)	<5	**	N/A	6,364 (2%)
<b>SEX &amp; RACE</b>										
Males	430		154	(74%)	144	(86%)	298	(79%)	221.5	134,546 (49%)
White Males	270		97	(46%)	89	(53%)	186	(49%)	182.5	101,898 (37%)
Black Males	120		40	(19%)	42	(25%)	82	(22%)	572.4	14,326 (5%)
Hispanic Males	30		9	(4%)	12	(7%)	21	(6%)	249.2	8,426 (3%)
Other Males	10		8	(4%)	<5	**	9	(2%)	---	9,896 (4%)
Females	110		55	(26%)	24	(14%)	79	(21%)	55.5	142,352 (51%)
White Females	30		12	(6%)	9	(5%)	21	(6%)	19.4	108,495 (39%)
Black Females	70		39	(19%)	13	(8%)	52	(14%)	338.8	15,348 (6%)
Hispanic Fmls	10		<5	**	<5	**	5	(1%)	---	8,284 (3%)
Other Females	10		<5	**	0	(0%)	<5	**	**	10,225 (4%)
<b>RISK*</b>										
Male-Male Sex	280		105	(50%)	93	(55%)	198	(53%)	N/A	N/A N/A
Injection Drug Use	30		16	(8%)	8	(5%)	24	(6%)	N/A	N/A N/A
MSM/IDU	30		11	(5%)	12	(7%)	23	(6%)	N/A	N/A N/A
Blood Products	10		<5	**	5	(3%)	7	(2%)	N/A	N/A N/A
Heterosexual	100		47	(22%)	23	(14%)	70	(19%)	N/A	N/A N/A
HRH	60		28	(13%)	15	(9%)	43	(11%)	N/A	N/A N/A
PH-Female	40		19	(9%)	8	(5%)	27	(7%)	N/A	N/A N/A
Perinatal	10		<5	**	<5	**	5	(1%)	N/A	N/A N/A
Undetermined	70		26	(12%)	24	(14%)	50	(13%)	N/A	N/A N/A
PH-Male	50		13	(6%)	20	(12%)	33	(9%)	N/A	N/A N/A
Unknown	20		13	(6%)	<5	**	17	(5%)	N/A	N/A N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	10		<5	**	<5	**	6	(2%)	N/A	N/A N/A
13 - 19 years	30		12	(6%)	9	(5%)	21	(6%)	N/A	N/A N/A
20 - 24 years	70		29	(14%)	19	(11%)	48	(13%)	N/A	N/A N/A
25 - 29 years	100		38	(18%)	29	(17%)	67	(18%)	N/A	N/A N/A
30 - 39 years	190		71	(34%)	65	(39%)	136	(36%)	N/A	N/A N/A
40 - 49 years	100		39	(19%)	30	(18%)	69	(18%)	N/A	N/A N/A
50 - 59 years	40		14	(7%)	12	(7%)	26	(7%)	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>540</b>		<b>209 (100%)</b>		<b>168 (100%)</b>		<b>377 (100%)</b>		<b>136</b>	<b>276,898 (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: 210,393 / 207 = 1,016. Thus, 1 out of every 1,016 non-Hispanic white persons in INGHAM 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 INGHAM 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	148 (80%)	35 (43%)	11 (52%)	<5 **	198 (66%)
Injecting Drug Use	6 (3%)	5 (6%)	<5 **	<5 **	17 (6%)
Male-Male Sex/IDU	18 (10%)	<5 **	<5 **	<5 **	23 (8%)
Blood Products	<5 **	<5 **	0 (0%)	0 (0%)	6 (2%)
Heterosexual*	<5 **	6 (7%)	0 (0%)	0 (0%)	7 (2%)
Perinatal	<5 **	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	8 (4%)	29 (35%)	5 (24%)	<5 **	44 (15%)
<i>PH-Male</i>	7 (4%)	21 (26%)	<5 **	<5 **	33 (11%)
<i>Unknown</i>	<5 **	8 (10%)	<5 **	0 (0%)	11 (4%)
<b>Male Subtotal</b>	<b>186 (62%)</b>	<b>82 (28%)</b>	<b>21 (7%)</b>	<b>9 (3%)</b>	<b>298 (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%)	7 (9%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	18 (86%)	41 (79%)	<5 **	<5 **	63 (80%)
<i>HRH</i>	13 (62%)	21 (40%)	<5 **	<5 **	36 (46%)
<i>PH-Female</i>	5 (24%)	20 (38%)	<5 **	0 (0%)	27 (34%)
Perinatal	<5 **	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined*	0 (0%)	6 (12%)	0 (0%)	0 (0%)	6 (8%)
<b>Female Subtotal</b>	<b>21 (27%)</b>	<b>52 (66%)</b>	<b>5 (6%)</b>	<b>&lt;5 **</b>	<b>79 (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	148 (71%)	35 (26%)	11 (42%)	<5 **	198 (53%)
Injecting Drug Use	8 (4%)	8 (6%)	6 (23%)	<5 **	24 (6%)
Male-Male Sex/IDU	18 (9%)	<5 **	<5 **	<5 **	23 (6%)
Blood Products	<5 **	<5 **	0 (0%)	0 (0%)	7 (2%)
Heterosexual	19 (9%)	47 (35%)	<5 **	<5 **	70 (19%)
<i>HRH</i>	14 (7%)	27 (20%)	<5 **	<5 **	43 (11%)
<i>PH-Female</i>	5 (2%)	20 (15%)	<5 **	0 (0%)	27 (7%)
Perinatal	<5 **	<5 **	0 (0%)	0 (0%)	5 (1%)
Undetermined	8 (4%)	35 (26%)	5 (19%)	<5 **	50 (13%)
<i>PH-Male</i>	7 (3%)	21 (16%)	<5 **	<5 **	33 (9%)
<i>Unknown</i>	<5 **	14 (10%)	<5 **	0 (0%)	17 (5%)
<b>RACE TOTAL</b>	<b>207 (55%)</b>	<b>134 (36%)</b>	<b>26 (7%)</b>	<b>10 (3%)</b>	<b>377 (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 INGHAM CO. by Year**

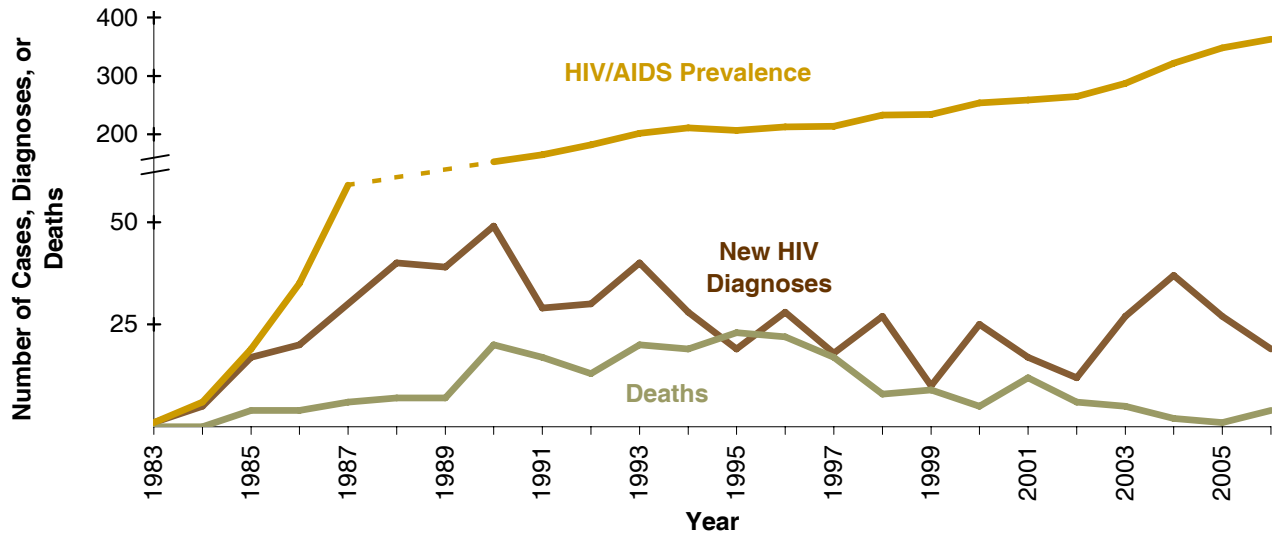
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	5	0	6	2	0	3
1985	17	4	19	1	4	0
1986	20	4	35	8	4	4
1987	30	6	59	11	6	9
1988	40	7	92	14	7	16
1989	39	7	124	16	7	25
1990	49	20	153	24	17	32
1991	29	17	165	18	16	34
1992	30	13	182	27	12	49
1993	40	20	202	36	18	67
1994	28	19	211	25	17	75
1995	19	23	207	18	22	71
1996	28	22	213	31	19	83
1997	18	17	214	17	15	85
1998	27	8	233	19	8	96
1999	10	9	234	12	7	101
2000	25	5	254	17	5	113
2001	17	12	259	17	9	121
2002	12	6	265	5	5	121
2003	27	5	287	8	5	124
2004	37	2	322	14	2	136
2005	27	1	348	10	0	146
2006	19	4	363	14	3	157
2007	20	6	<b>377</b>	17	6	<b>168</b>
<b>TOTAL</b>	<b>614</b>	<b>237</b>		<b>382</b>	<b>214</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 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 INGHAM CO. is 377. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 168.

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

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Ingham Co.	540	209	168	377	136	382
Michigan Total	18,000	6,325	6,995	13,320	132	15,579

## ADDITIONAL NOTES

### Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in INGHAM 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 2008, 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.