

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

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2008 ESTIMATES			
		HIV, not AIDS		AIDS		Total		Rate per 100,000[§]	Number Percent		
	Number	Number	Percent	Number	Percent	Number	Percent			Number	Percent
RACE/ ETHNICITY[¶]											
White	130	42	(65%)	57	(80%)	99	(73%)	71.2	138,960	(87%)	
Black	40	17	(26%)	11	(15%)	28	(21%)	232.3	12,055	(8%)	
Hispanic	10	<5	**	<5	**	5	(4%)	---	4,454	(3%)	
Asian/PI	10	<5	**	0	(0%)	<5	**	**	1,221	(1%)	
Am Indian/AN	10	<5	**	0	(0%)	<5	**	**	635	(<1%)	
Multi/Unk	10	0	(0%)	<5	**	<5	**	N/A	2,855	(2%)	
SEX & RACE											
Males	150	49	(75%)	63	(89%)	112	(82%)	137.4	81,521	(51%)	
White Males	110	31	(48%)	51	(72%)	82	(60%)	118.4	69,278	(43%)	
Black Males	30	14	(22%)	10	(14%)	24	(18%)	320.2	7,495	(5%)	
Hispanic Males	10	<5	**	<5	**	<5	**	**	2,343	(1%)	
Other Males	10	<5	**	<5	**	<5	**	**	2,405	(2%)	
Females	30	16	(25%)	8	(11%)	24	(18%)	30.5	78,659	(49%)	
White Females	20	11	(17%)	6	(8%)	17	(13%)	24.4	69,682	(44%)	
Black Females	10	<5	**	<5	**	<5	**	**	4,560	(3%)	
Hispanic Fmls	10	<5	**	0	(0%)	<5	**	**	2,111	(1%)	
Other Females	10	<5	**	<5	**	<5	**	**	2,306	(1%)	
RISK*											
Male-Male Sex	100	29	(45%)	44	(62%)	73	(54%)	N/A	N/A	N/A	
Injection Drug Use	10	<5	**	<5	**	5	(4%)	N/A	N/A	N/A	
MSM/IDU	10	<5	**	<5	**	5	(4%)	N/A	N/A	N/A	
Blood Products	10	<5	**	<5	**	<5	**	N/A	N/A	N/A	
Heterosexual	30	14	(22%)	10	(14%)	24	(18%)	N/A	N/A	N/A	
HRH	20	9	(14%)	6	(8%)	15	(11%)	N/A	N/A	N/A	
PH-Female	10	5	(8%)	<5	**	9	(7%)	N/A	N/A	N/A	
Perinatal	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A	
Undetermined	30	15	(23%)	11	(15%)	26	(19%)	N/A	N/A	N/A	
PH-Male	20	8	(12%)	7	(10%)	15	(11%)	N/A	N/A	N/A	
Unknown	10	7	(11%)	<5	**	11	(8%)	N/A	N/A	N/A	
AGE AT HIV DIAGNOSIS											
0 - 12 years	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A	
13 - 19 years	10	5	(8%)	<5	**	7	(5%)	N/A	N/A	N/A	
20 - 24 years	30	14	(22%)	7	(10%)	21	(15%)	N/A	N/A	N/A	
25 - 29 years	30	9	(14%)	16	(23%)	25	(18%)	N/A	N/A	N/A	
30 - 39 years	60	20	(31%)	24	(34%)	44	(32%)	N/A	N/A	N/A	
40 - 49 years	30	8	(12%)	12	(17%)	20	(15%)	N/A	N/A	N/A	
50 - 59 years	20	6	(9%)	8	(11%)	14	(10%)	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	180	65	(100%)	71	(100%)	136	(100%)	85	160,180	(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: 138,960 / 99 = 1,404. Thus, 1 out of every 1,404 non-Hispanic white persons in JACKSON 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 JACKSON CO.

MALES	White	Black	Hispanic	Other or Unknown	Male Subtotal
Male-Male sex	59 (72%)	11 (46%)	<5 **	0 (0%)	73 (65%)
Injecting Drug Use	<5 **	<5 **	0 (0%)	0 (0%)	5 (4%)
Male-Male Sex/IDU	<5 **	<5 **	0 (0%)	0 (0%)	5 (4%)
Blood Products	<5 **	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual*	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Perinatal	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Undetermined	13 (16%)	8 (33%)	<5 **	<5 **	24 (21%)
<i>PH-Male</i>	8 (10%)	6 (25%)	0 (0%)	<5 **	15 (13%)
<i>Unknown</i>	5 (6%)	<5 **	<5 **	<5 **	9 (8%)
Male Subtotal	82 (73%)	24 (21%)	<5 **	<5 **	112 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Blood Products	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Heterosexual	15 (88%)	<5 **	<5 **	<5 **	21 (88%)
<i>HRH</i>	11 (65%)	<5 **	0 (0%)	0 (0%)	12 (50%)
<i>PH-Female</i>	<5 **	<5 **	<5 **	<5 **	9 (38%)
Perinatal	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Undetermined*	<5 **	<5 **	0 (0%)	0 (0%)	<5 **
Female Subtotal	17 (71%)	<5 **	<5 **	<5 **	24 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	59 (60%)	11 (39%)	<5 **	0 (0%)	73 (54%)
Injecting Drug Use	<5 **	<5 **	0 (0%)	0 (0%)	5 (4%)
Male-Male Sex/IDU	<5 **	<5 **	0 (0%)	0 (0%)	5 (4%)
Blood Products	<5 **	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	18 (18%)	<5 **	<5 **	<5 **	24 (18%)
<i>HRH</i>	14 (14%)	<5 **	0 (0%)	0 (0%)	15 (11%)
<i>PH-Female</i>	<5 **	<5 **	<5 **	<5 **	9 (7%)
Perinatal	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Undetermined	14 (14%)	9 (32%)	<5 **	<5 **	26 (19%)
<i>PH-Male</i>	8 (8%)	6 (21%)	0 (0%)	<5 **	15 (11%)
<i>Unknown</i>	6 (6%)	<5 **	<5 **	<5 **	11 (8%)
RACE TOTAL	99 (73%)	28 (21%)	5 (4%)	<5 **	136 (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 JACKSON CO. by Year

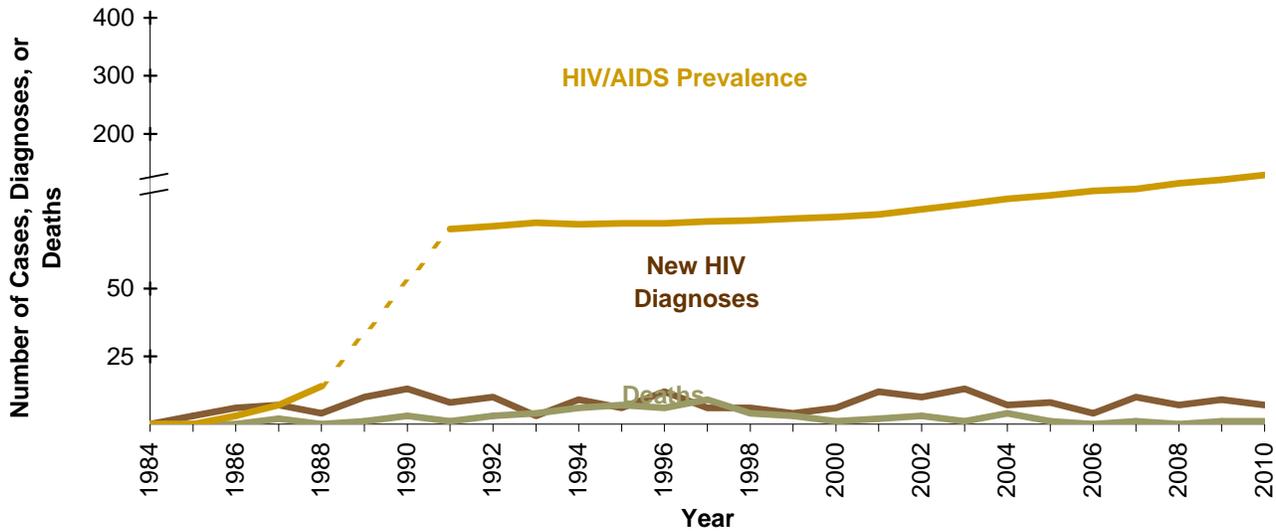
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	0	0	0	0	0	0
1984	0	0	0	0	0	0
1985	3	0	3	0	0	0
1986	6	2	7	3	2	1
1987	7	0	14	0	0	1
1988	4	1	17	2	1	2
1989	10	3	24	7	3	6
1990	13	1	36	7	1	12
1991	8	3	41	5	3	14
1992	10	4	47	7	3	18
1993	3	6	44	6	6	18
1994	9	7	46	8	7	19
1995	6	6	46	6	6	19
1996	12	9	49	8	8	19
1997	6	4	51	9	3	25
1998	6	3	54	7	3	29
1999	4	1	57	4	1	32
2000	6	2	61	3	1	34
2001	12	3	70	7	3	38
2002	10	1	79	4	1	41
2003	13	4	88	8	3	46
2004	7	1	94	1	0	47
2005	8	0	102	1	0	48
2006	4	1	105	4	0	52
2007	10	0	115	7	0	59
2008	7	1	121	7	1	65
2009	9	1	129	4	1	68
2010	7	0	136	3	0	71
TOTAL	193	64		125	57	

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 JACKSON CO. is 136. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 71.

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

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Jackson Co.	180	65	71	136	85	125
Michigan Total	19,500	6,846	8,049	14,895	149	17,184

ADDITIONAL NOTES

Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in JACKSON 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.



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