

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

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2007 ESTIMATES			
		HIV, not AIDS		AIDS		Total		Rate per 100,000[§]	Number Percent		
	Number	Number	Percent	Number	Percent	Number	Percent			Number	Percent
RACE/ ETHNICITY[¶]											
White	80	35	(41%)	28	(34%)	63	(38%)	43.3	145,450	(72%)	
Black	120	45	(53%)	48	(59%)	93	(56%)	253.4	36,706	(18%)	
Hispanic	10	<5	**	5	(6%)	9	(5%)	---	14,505	(7%)	
Asian/PI	10	0	(0%)	<5	**	<5	**	**	2,092	(1%)	
Am Indian/AN	10	0	(0%)	0	(0%)	0	(0%)	**	740	(<1%)	
Multi/Unk	10	<5	**	0	(0%)	<5	**	N/A	2,775	(1%)	
SEX & RACE											
Males	160	66	(78%)	57	(70%)	123	(74%)	126.2	97,496	(48%)	
White Males	70	31	(36%)	23	(28%)	54	(32%)	76.6	70,507	(35%)	
Black Males	80	31	(36%)	29	(35%)	60	(36%)	351.8	17,053	(8%)	
Hispanic Males	10	<5	**	<5	**	7	(4%)	---	7,192	(4%)	
Other Males	10	<5	**	<5	**	<5	**	**	2,744	(1%)	
Females	60	19	(22%)	25	(30%)	44	(26%)	42.0	104,772	(52%)	
White Females	10	<5	**	5	(6%)	9	(5%)	---	74,943	(37%)	
Black Females	40	14	(16%)	19	(23%)	33	(20%)	167.9	19,653	(10%)	
Hispanic Fmls	10	<5	**	<5	**	<5	**	**	7,313	(4%)	
Other Females	10	0	(0%)	0	(0%)	0	(0%)	**	2,863	(1%)	
RISK*											
Male-Male Sex	100	43	(51%)	34	(41%)	77	(46%)	N/A	N/A	N/A	
Injection Drug Use	10	<5	**	8	(10%)	11	(7%)	N/A	N/A	N/A	
MSM/IDU	10	<5	**	6	(7%)	7	(4%)	N/A	N/A	N/A	
Blood Products	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A	
Heterosexual	40	13	(15%)	17	(21%)	30	(18%)	N/A	N/A	N/A	
HRH	30	8	(9%)	11	(13%)	19	(11%)	N/A	N/A	N/A	
PH-Female	10	5	(6%)	6	(7%)	11	(7%)	N/A	N/A	N/A	
Perinatal	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A	
Undetermined	50	23	(27%)	17	(21%)	40	(24%)	N/A	N/A	N/A	
PH-Male	10	<5	**	8	(10%)	10	(6%)	N/A	N/A	N/A	
Unknown	40	21	(25%)	9	(11%)	30	(18%)	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	(6%)	<5	**	6	(4%)	N/A	N/A	N/A	
20 - 24 years	20	13	(15%)	5	(6%)	18	(11%)	N/A	N/A	N/A	
25 - 29 years	40	14	(16%)	16	(20%)	30	(18%)	N/A	N/A	N/A	
30 - 39 years	80	29	(34%)	31	(38%)	60	(36%)	N/A	N/A	N/A	
40 - 49 years	50	17	(20%)	20	(24%)	37	(22%)	N/A	N/A	N/A	
50 - 59 years	10	<5	**	8	(10%)	11	(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	
TOTAL	220	85	(100%)	82	(100%)	167	(100%)	83	202,268	(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: 145,450/63 = 2309. Thus, 1 out of every 2309 non-Hispanic white persons in SAGINAW 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 SAGINAW CO.

MALES	White	Black	Hispanic	Other or Unknown	Male Subtotal
Male-Male sex	42 (78%)	30 (50%)	5 (71%)	0 (0%)	77 (63%)
Injecting Drug Use	<5 **	<5 **	0 (0%)	0 (0%)	5 (4%)
Male-Male Sex/IDU	<5 **	6 (10%)	0 (0%)	0 (0%)	7 (6%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual*	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	10 (19%)	15 (25%)	<5 **	<5 **	28 (23%)
<i>PH-Male</i>	<5 **	6 (10%)	<5 **	<5 **	10 (8%)
<i>Unknown</i>	8 (15%)	9 (15%)	0 (0%)	<5 **	18 (15%)
Male Subtotal	54 (44%)	60 (49%)	7 (6%)	<5 **	123 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	0 (0%)	6 (18%)	0 (0%)	0 (0%)	6 (14%)
Blood Products	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Heterosexual	7 (78%)	17 (52%)	<5 **	0 (0%)	26 (59%)
<i>HRH</i>	5 (56%)	8 (24%)	<5 **	0 (0%)	15 (34%)
<i>PH-Female</i>	<5 **	9 (27%)	0 (0%)	0 (0%)	11 (25%)
Perinatal	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Undetermined*	<5 **	10 (30%)	0 (0%)	0 (0%)	12 (27%)
Female Subtotal	9 (20%)	33 (75%)	<5 **	0 (0%)	44 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	42 (67%)	30 (32%)	5 (56%)	0 (0%)	77 (46%)
Injecting Drug Use	<5 **	10 (11%)	0 (0%)	0 (0%)	11 (7%)
Male-Male Sex/IDU	<5 **	6 (6%)	0 (0%)	0 (0%)	7 (4%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	7 (11%)	20 (22%)	<5 **	0 (0%)	29 (17%)
<i>HRH</i>	5 **	11 (12%)	<5 **	0 (0%)	19 (11%)
<i>PH-Female</i>	<5 **	9 (10%)	0 (0%)	0 (0%)	11 (7%)
Perinatal	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Undetermined	12 (19%)	25 (27%)	<5 **	<5 **	40 (24%)
<i>PH-Male</i>	<5 **	6 (6%)	<5 **	<5 **	10 (6%)
<i>Unknown</i>	10 (16%)	19 (20%)	0 (0%)	<5 **	30 (18%)
RACE TOTAL	63 (38%)	93 (56%)	9 (5%)	<5 **	167 (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 SAGINAW CO. by Year

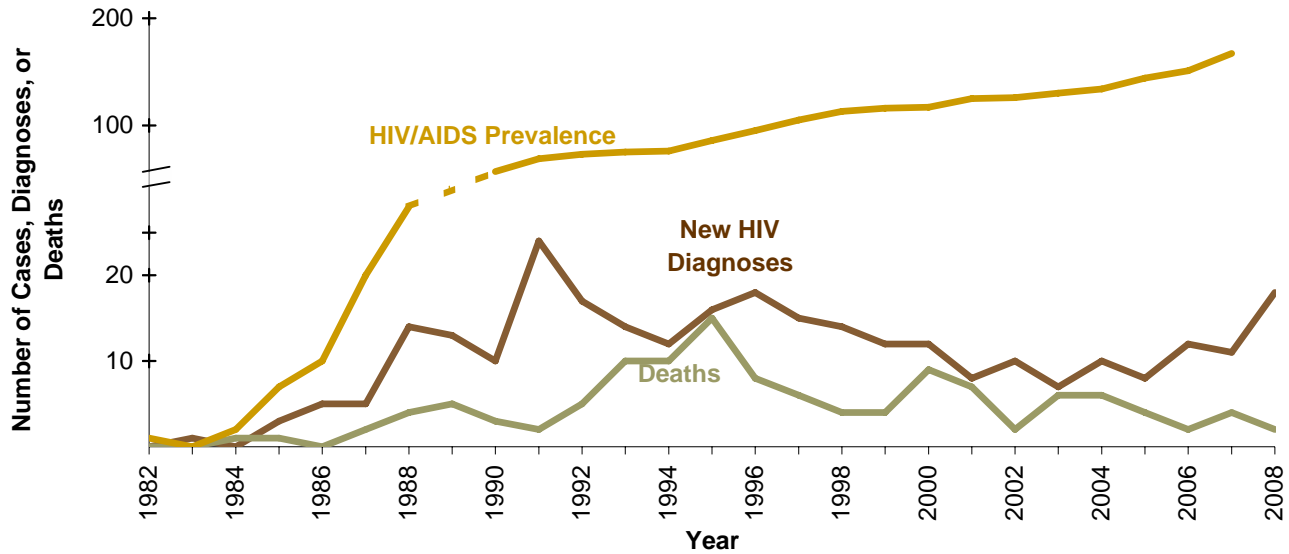
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	0	1	0	0	1	0
1985	3	1	2	1	1	0
1986	5	0	7	1	0	1
1987	5	2	10	2	2	1
1988	14	4	20	6	3	4
1989	13	5	28	7	5	6
1990	10	3	35	2	3	5
1991	24	2	57	8	2	11
1992	17	5	69	22	4	29
1993	14	10	73	14	10	33
1994	12	10	75	8	10	31
1995	16	15	76	14	15	30
1996	18	8	86	15	7	38
1997	15	6	95	9	6	41
1998	14	4	105	9	3	47
1999	12	4	113	12	4	55
2000	12	9	116	7	8	54
2001	8	7	117	8	5	57
2002	10	2	125	8	2	63
2003	7	6	126	6	5	64
2004	10	6	130	8	4	68
2005	8	4	134	4	4	68
2006	12	2	144	5	1	72
2007	11	4	151	6	3	75
2008	18	2	167	9	2	82
TOTAL	289	122		192	110	

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 SAGINAW CO. is 167. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 82.

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

<i>Residence at Diagnosis</i>	<i>Estimated Prevalence</i>	<i>Reported Prevalence</i>				<i>Cumulative AIDS</i>
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>	<i>Rate</i>	
Saginaw Co.	220	85	82	167	83	192
Michigan Total	18,200	6,468	7,410	13,878	138	16,195

ADDITIONAL NOTES

Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in SAGINAW 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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