

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

	<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>Rate per 100,000<sup>§</sup></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	320	119	(44%)	120	(47%)	239	(46%)	74.4	321,213 (75%)
Black	340	142	(52%)	116	(46%)	258	(49%)	313.3	82,353 (19%)
Hispanic	20	6	(2%)	10	(4%)	16	(3%)	148.8	10,753 (3%)
Asian/PI	10	<5	**	<5	**	<5	**	**	4,032 (1%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	2,127 (<1%)
Multi/Unk	10	<5	**	7	(3%)	10	(2%)	N/A	8,312 (2%)
<b>SEX &amp; RACE</b>									
Males	550	196	(72%)	215	(85%)	411	(78%)	199.3	206,171 (48%)
White Males	270	95	(35%)	109	(43%)	204	(39%)	130.4	156,391 (36%)
Black Males	250	96	(35%)	92	(36%)	188	(36%)	499.8	37,618 (9%)
Hispanic Males	10	<5	**	8	(3%)	11	(2%)	206.5	5,328 (1%)
Other Males	10	<5	**	6	(2%)	8	(2%)	---	6,834 (2%)
Females	150	75	(28%)	39	(15%)	114	(22%)	51.2	222,619 (52%)
White Females	50	24	(9%)	11	(4%)	35	(7%)	21.2	164,822 (38%)
Black Females	90	46	(17%)	24	(9%)	70	(13%)	156.5	44,735 (10%)
Hispanic Fmls	10	<5	**	<5	**	5	(1%)	---	5,425 (1%)
Other Females	10	<5	**	<5	**	<5	**	**	7,637 (2%)
<b>RISK*</b>									
Male-Male Sex	330	109	(40%)	136	(54%)	245	(47%)	N/A	N/A N/A
Injection Drug Use	40	21	(8%)	11	(4%)	32	(6%)	N/A	N/A N/A
MSM/IDU	30	10	(4%)	11	(4%)	21	(4%)	N/A	N/A N/A
Blood Products	10	<5	**	<5	**	<5	**	N/A	N/A N/A
Heterosexual	110	49	(18%)	35	(14%)	84	(16%)	N/A	N/A N/A
HRH	70	29	(11%)	21	(8%)	50	(10%)	N/A	N/A N/A
PH-Female	50	20	(7%)	14	(6%)	34	(6%)	N/A	N/A N/A
Perinatal	10	5	(2%)	0	(0%)	5	(1%)	N/A	N/A N/A
Undetermined	180	76	(28%)	60	(24%)	136	(26%)	N/A	N/A N/A
PH-Male	70	21	(8%)	34	(13%)	55	(10%)	N/A	N/A N/A
Unknown	110	55	(20%)	26	(10%)	81	(15%)	N/A	N/A N/A
<b>AGE AT HIV DIAGNOSIS</b>									
0 - 12 years	10	5	(2%)	0	(0%)	5	(1%)	N/A	N/A N/A
13 - 19 years	40	23	(8%)	9	(4%)	32	(6%)	N/A	N/A N/A
20 - 24 years	90	46	(17%)	24	(9%)	70	(13%)	N/A	N/A N/A
25 - 29 years	120	44	(16%)	49	(19%)	93	(18%)	N/A	N/A N/A
30 - 39 years	230	71	(26%)	105	(41%)	176	(34%)	N/A	N/A N/A
40 - 49 years	140	57	(21%)	46	(18%)	103	(20%)	N/A	N/A N/A
50 - 59 years	50	22	(8%)	17	(7%)	39	(7%)	N/A	N/A N/A
60 years and over	10	<5	**	<5	**	7	(1%)	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
<b>TOTAL</b>	<b>700</b>	<b>271 (100%)</b>		<b>254 (100%)</b>		<b>525 (100%)</b>		<b>122</b>	<b>428,790 (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: 321,213/239 = 1,344. Thus, 1 out of every 1,344 non-Hispanic white persons in GENESEE 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 GENESEE 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	128	(63%)	105	(56%)	9	(82%)	<5	**	245	(60%)
Injecting Drug Use	9	(4%)	7	(4%)	0	(0%)	0	(0%)	16	(4%)
Male-Male Sex/IDU	12	(6%)	8	(4%)	0	(0%)	<5	**	21	(5%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual*	<5	**	9	(5%)	<5	**	0	(0%)	14	(3%)
Perinatal	<5	**	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined	48	(24%)	57	(30%)	<5	**	<5	**	110	(27%)
<i>PH-Male</i>	22	(11%)	30	(16%)	<5	**	<5	**	55	(13%)
<i>Unknown</i>	26	(13%)	27	(14%)	0	(0%)	<5	**	55	(13%)
<b>Male Subtotal</b>	<b>204</b>	<b>(50%)</b>	<b>188</b>	<b>(46%)</b>	<b>11</b>	<b>(3%)</b>	<b>8</b>	<b>(2%)</b>	<b>411</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	**	13	(19%)	0	(0%)	0	(0%)	16	(14%)
Blood Products	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Heterosexual	22	(63%)	39	(56%)	5	(100%)	<5	**	70	(61%)
<i>HRH</i>	12	(34%)	20	(29%)	<5	**	<5	**	36	(32%)
<i>PH-Female</i>	10	(29%)	19	(27%)	<5	**	<5	**	34	(30%)
Perinatal	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined*	10	(29%)	16	(23%)	0	(0%)	0	(0%)	26	(23%)
<b>Female Subtotal</b>	<b>35</b>	<b>(31%)</b>	<b>70</b>	<b>(61%)</b>	<b>5</b>	<b>(4%)</b>	<b>&lt;5</b>	<b>**</b>	<b>114</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	128	(54%)	105	(41%)	9	(56%)	<5	**	245	(47%)
Injecting Drug Use	12	(5%)	20	(8%)	0	(0%)	0	(0%)	32	(6%)
Male-Male Sex/IDU	12	(5%)	8	(3%)	0	(0%)	<5	**	21	(4%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual	26	(11%)	48	(19%)	6	(38%)	<5	**	84	(16%)
<i>HRH</i>	16	(7%)	29	(11%)	<5	**	<5	**	50	(10%)
<i>PH-Female</i>	10	(4%)	19	(7%)	<5	**	<5	**	34	(6%)
Perinatal	<5	**	<5	**	0	(0%)	0	(0%)	5	(1%)
Undetermined	58	(24%)	73	(28%)	<5	**	<5	**	136	(26%)
<i>PH-Male</i>	22	(9%)	30	(12%)	<5	**	<5	**	55	(10%)
<i>Unknown</i>	36	(15%)	43	(17%)	0	(0%)	<5	**	81	(15%)
<b>RACE TOTAL</b>	<b>239</b>	<b>(46%)</b>	<b>258</b>	<b>(49%)</b>	<b>16</b>	<b>(3%)</b>	<b>12</b>	<b>(2%)</b>	<b>525</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 GENESEE CO. by Year**

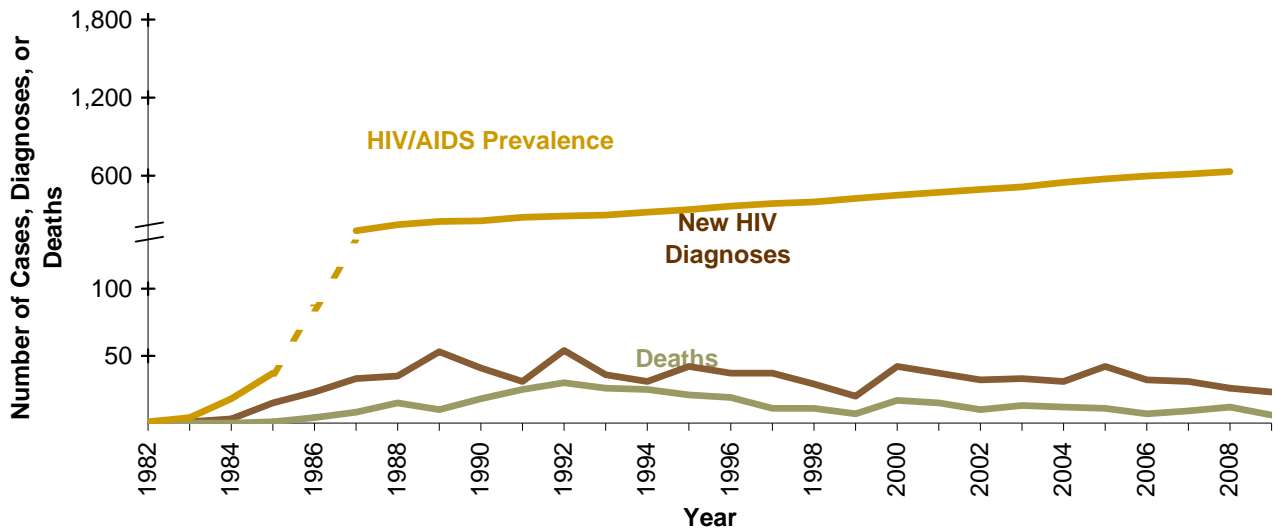
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	3	0	4	1	0	2
1985	15	1	18	2	1	3
1986	23	4	37	5	4	4
1987	33	8	62	19	7	16
1988	35	15	82	20	13	23
1989	53	10	125	30	10	43
1990	41	18	148	29	18	54
1991	31	25	154	23	25	52
1992	54	30	178	31	28	55
1993	36	26	188	24	22	57
1994	31	25	194	27	19	65
1995	42	21	215	29	15	79
1996	37	19	233	27	16	90
1997	37	11	259	26	10	106
1998	29	11	277	25	11	120
1999	20	7	290	19	5	134
2000	42	17	315	20	15	139
2001	37	15	337	13	9	143
2002	32	10	359	25	9	159
2003	33	13	379	16	9	166
2004	31	12	398	11	5	172
2005	42	11	429	29	7	194
2006	32	7	454	27	6	215
2007	31	9	476	31	5	241
2008	26	12	490	15	11	245
2009	23	6	507	13	6	252
2010	23	5	<b>525</b>	7	5	<b>254</b>
<b>TOTAL</b>	<b>873</b>	<b>348</b>		<b>545</b>	<b>291</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 GENESEE CO. is 525. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 254.

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 GENESEE CO. by Year****TABLE 4. Comparison of HIV/AIDS Prevalence in GENESEE 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>	
Genesee Co.	700	271	254	525	122	545
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 GENESEE 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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