

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

	<b>EST PREV*</b>		<b>REPORTED PREVALENCE<sup>†</sup></b>					<b>CENSUS 2008 ESTIMATES</b>		
	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	520		185	(52%)	214	(48%)	399	(50%)	84.9	469,908 (78%)
Black	360		123	(35%)	156	(35%)	279	(35%)	527.9	52,852 (9%)
Hispanic	130		39	(11%)	64	(14%)	103	(13%)	178.5	57,691 (10%)
Asian/PI	10		<5	**	<5	**	7	(1%)	---	12,874 (2%)
Am Indian/AN	10		<5	**	<5	**	<5	**	**	2,550 (<1%)
Multi/Unk	10		<5	**	<5	**	7	(1%)	N/A	9,338 (2%)
<b>SEX &amp; RACE</b>										
Males	800		256	(72%)	357	(80%)	613	(77%)	204.4	299,863 (50%)
White Males	470		162	(46%)	200	(45%)	362	(45%)	156.6	231,169 (38%)
Black Males	200		59	(17%)	98	(22%)	157	(20%)	618.4	25,388 (4%)
Hispanic Males	110		30	(8%)	53	(12%)	83	(10%)	263.0	31,554 (5%)
Other Males	10		5	(1%)	6	(1%)	11	(1%)	93.6	11,752 (2%)
Females	240		99	(28%)	87	(20%)	186	(23%)	60.9	305,350 (50%)
White Females	50		23	(6%)	14	(3%)	37	(5%)	15.5	238,739 (39%)
Black Females	160		64	(18%)	58	(13%)	122	(15%)	444.2	27,464 (5%)
Hispanic Fmls	30		9	(3%)	11	(2%)	20	(3%)	76.5	26,137 (4%)
Other Females	10		<5	**	<5	**	7	(1%)	---	13,010 (2%)
<b>RISK*</b>										
Male-Male Sex	540		182	(51%)	236	(53%)	418	(52%)	N/A	N/A N/A
Injection Drug Use	50		17	(5%)	23	(5%)	40	(5%)	N/A	N/A N/A
MSM/IDU	50		20	(6%)	16	(4%)	36	(5%)	N/A	N/A N/A
Blood Products	10		0	(0%)	<5	**	<5	**	N/A	N/A N/A
Heterosexual	230		83	(23%)	91	(20%)	174	(22%)	N/A	N/A N/A
HRH	160		58	(16%)	65	(15%)	123	(15%)	N/A	N/A N/A
PH-Female	70		25	(7%)	26	(6%)	51	(6%)	N/A	N/A N/A
Perinatal	10		6	(2%)	<5	**	9	(1%)	N/A	N/A N/A
Undetermined	160		47	(13%)	73	(16%)	120	(15%)	N/A	N/A N/A
PH-Male	110		28	(8%)	58	(13%)	86	(11%)	N/A	N/A N/A
Unknown	40		19	(5%)	15	(3%)	34	(4%)	N/A	N/A N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	10		8	(2%)	<5	**	11	(1%)	N/A	N/A N/A
13 - 19 years	50		15	(4%)	23	(5%)	38	(5%)	N/A	N/A N/A
20 - 24 years	140		61	(17%)	47	(11%)	108	(14%)	N/A	N/A N/A
25 - 29 years	180		69	(19%)	73	(16%)	142	(18%)	N/A	N/A N/A
30 - 39 years	360		110	(31%)	168	(38%)	278	(35%)	N/A	N/A N/A
40 - 49 years	210		72	(20%)	87	(20%)	159	(20%)	N/A	N/A N/A
50 - 59 years	70		18	(5%)	35	(8%)	53	(7%)	N/A	N/A N/A
60 years and over	10		<5	**	8	(2%)	10	(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>1,040</b>		<b>355 (100%)</b>		<b>444 (100%)</b>		<b>799 (100%)</b>		<b>132</b>	<b>605,213 (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: 469,908/ 399 = 1,178. Thus, 1 out of every 1,178 non-Hispanic white persons in KENT 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 KENT 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	298	(82%)	68	(43%)	48	(58%)	<5	**	418	(68%)
Injecting Drug Use	<5	**	13	(8%)	<5	**	0	(0%)	21	(3%)
Male-Male Sex/IDU	21	(6%)	11	(7%)	<5	**	<5	**	36	(6%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual*	6	(2%)	18	(11%)	7	(8%)	<5	**	33	(5%)
Perinatal	<5	**	<5	**	0	(0%)	0	(0%)	5	(1%)
Undetermined	30	(8%)	43	(27%)	22	(27%)	<5	**	98	(16%)
<i>PH-Male</i>	23	(6%)	40	(25%)	20	(24%)	<5	**	86	(14%)
<i>Unknown</i>	7	(2%)	<5	**	<5	**	0	(0%)	12	(2%)
<b>Male Subtotal</b>	<b>362</b>	<b>(59%)</b>	<b>157</b>	<b>(26%)</b>	<b>83</b>	<b>(14%)</b>	<b>11</b>	<b>(2%)</b>	<b>613</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	**	11	(9%)	<5	**	<5	**	19	(10%)
Blood Products	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Heterosexual	30	(81%)	92	(75%)	14	(70%)	5	(71%)	141	(76%)
<i>HRH</i>	27	(73%)	49	(40%)	12	(60%)	<5	**	90	(48%)
<i>PH-Female</i>	<5	**	43	(35%)	<5	**	<5	**	51	(27%)
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	5	(14%)	17	(14%)	0	(0%)	0	(0%)	22	(12%)
<b>Female Subtotal</b>	<b>37</b>	<b>(20%)</b>	<b>122</b>	<b>(66%)</b>	<b>20</b>	<b>(11%)</b>	<b>7</b>	<b>(4%)</b>	<b>186</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	298	(75%)	68	(24%)	48	(47%)	<5	**	418	(52%)
Injecting Drug Use	6	(2%)	24	(9%)	8	(8%)	<5	**	40	(5%)
Male-Male Sex/IDU	21	(5%)	11	(4%)	<5	**	<5	**	36	(5%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual	36	(9%)	110	(39%)	21	(20%)	7	(39%)	174	(22%)
<i>HRH</i>	33	(8%)	67	(24%)	19	(18%)	<5	**	123	(15%)
<i>PH-Female</i>	<5	**	43	(15%)	<5	**	<5	**	51	(6%)
Perinatal	<5	**	6	(2%)	<5	**	0	(0%)	9	(1%)
Undetermined	35	(9%)	60	(22%)	22	(21%)	<5	**	120	(15%)
<i>PH-Male</i>	23	(6%)	40	(14%)	20	(19%)	<5	**	86	(11%)
<i>Unknown</i>	12	(3%)	20	(7%)	<5	**	0	(0%)	34	(4%)
<b>RACE TOTAL</b>	<b>399</b>	<b>(50%)</b>	<b>279</b>	<b>(35%)</b>	<b>103</b>	<b>(13%)</b>	<b>18</b>	<b>(2%)</b>	<b>799</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 KENT CO. by Year**

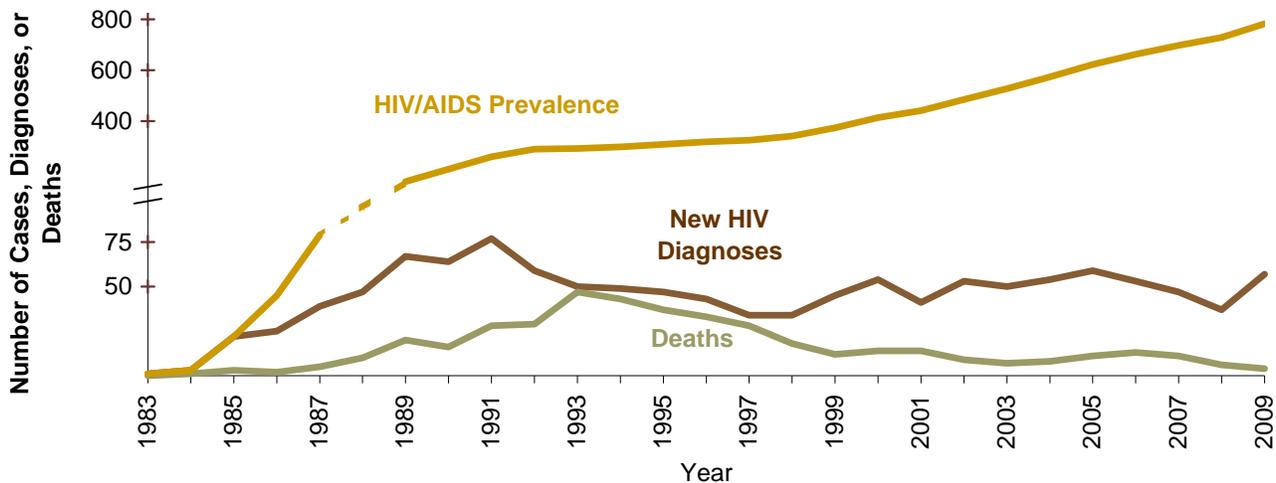
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	3	1	3	2	1	2
1985	22	3	22	7	3	6
1986	25	2	45	3	2	7
1987	39	5	79	10	5	12
1988	47	10	116	18	9	21
1989	67	20	163	35	20	36
1990	64	16	211	33	16	53
1991	77	28	260	53	26	80
1992	59	29	290	67	28	119
1993	50	47	293	52	47	124
1994	49	43	299	52	43	133
1995	47	37	309	48	36	145
1996	43	33	319	36	30	151
1997	34	28	325	37	27	161
1998	34	18	341	23	17	167
1999	45	12	374	25	12	180
2000	54	14	414	32	12	200
2001	41	14	441	29	10	219
2002	53	9	485	27	9	237
2003	50	7	528	31	5	263
2004	54	8	574	31	6	288
2005	59	11	622	42	8	322
2006	53	13	662	45	10	357
2007	47	11	698	38	11	384
2008	37	6	729	24	6	402
2009	57	4	782	35	3	434
2010	21	4	<b>799</b>	14	4	<b>444</b>
<b>TOTAL</b>	<b>1,232</b>	<b>433</b>		<b>850</b>	<b>406</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 KENT CO. is 799. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 444.

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

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Kent Co.	1,040	355	444	799	132	850
Michigan Total	18,800	6,776	7,910	14,686	147	16,954

## ADDITIONAL NOTES

### Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in KENT 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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