

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

	EST PREV*	REPORTED PREVALENCE[†]					CENSUS 2006 ESTIMATES	
		HIV, not AIDS		AIDS		Total	Rate per 100,000[§]	Number Percent
	Number	Number Percent	Number Percent	Number Percent	Number Percent		Number Percent	
RACE/ ETHNICITY[¶]								
White	480	169 (53%)	195 (49%)	364 (50%)	78.0	466,471 (78%)		
Black	320	109 (34%)	135 (34%)	244 (34%)	450.4	54,170 (9%)		
Hispanic	130	37 (12%)	61 (15%)	98 (14%)	180.7	54,238 (9%)		
Asian/PI	10	<5 **	<5 **	6 (1%)	---	13,138 (2%)		
Am Indian/AN	10	<5 **	<5 **	<5 **	**	2,398 (<1%)		
Multi/Unk	10	<5 **	5 (1%)	6 (1%)	N/A	9,109 (2%)		
SEX & RACE								
Males	720	230 (72%)	319 (80%)	549 (76%)	184.7	297,174 (50%)		
White Males	430	146 (45%)	180 (45%)	326 (45%)	142.0	229,501 (38%)		
Black Males	180	52 (16%)	85 (21%)	137 (19%)	525.1	26,089 (4%)		
Hispanic Males	100	28 (9%)	49 (12%)	77 (11%)	257.2	29,935 (5%)		
Other Males	10	<5 **	5 (1%)	9 (1%)	---	11,649 (2%)		
Females	230	91 (28%)	82 (20%)	173 (24%)	57.2	302,350 (50%)		
White Females	50	23 (7%)	15 (4%)	38 (5%)	16.0	236,970 (40%)		
Black Females	140	57 (18%)	50 (12%)	107 (15%)	381.0	28,081 (5%)		
Hispanic Fmls	30	9 (3%)	12 (3%)	21 (3%)	86.4	24,303 (4%)		
Other Females	10	<5 **	5 (1%)	7 (1%)	---	12,996 (2%)		
RISK*								
Male-Male Sex	500	167 (52%)	212 (53%)	379 (52%)	N/A	N/A N/A		
Injection Drug Use	60	18 (6%)	26 (6%)	44 (6%)	N/A	N/A N/A		
MSM/IDU	40	17 (5%)	15 (4%)	32 (4%)	N/A	N/A N/A		
Blood Products	10	0 (0%)	<5 **	<5 **	N/A	N/A N/A		
Heterosexual	210	75 (23%)	82 (20%)	157 (22%)	N/A	N/A N/A		
HRH	150	54 (17%)	61 (15%)	115 (16%)	N/A	N/A N/A		
PH-Female	60	21 (7%)	21 (5%)	42 (6%)	N/A	N/A N/A		
Perinatal	10	<5 **	<5 **	7 (1%)	N/A	N/A N/A		
Undetermined	130	40 (12%)	61 (15%)	101 (14%)	N/A	N/A N/A		
PH-Male	90	22 (7%)	48 (12%)	70 (10%)	N/A	N/A N/A		
Unknown	40	18 (6%)	13 (3%)	31 (4%)	N/A	N/A N/A		
AGE AT HIV DIAGNOSIS								
0 - 12 years	10	6 (2%)	<5 **	9 (1%)	N/A	N/A N/A		
13 - 19 years	40	13 (4%)	20 (5%)	33 (5%)	N/A	N/A N/A		
20 - 24 years	130	57 (18%)	44 (11%)	101 (14%)	N/A	N/A N/A		
25 - 29 years	180	63 (20%)	72 (18%)	135 (19%)	N/A	N/A N/A		
30 - 39 years	330	99 (31%)	155 (39%)	254 (35%)	N/A	N/A N/A		
40 - 49 years	170	62 (19%)	70 (17%)	132 (18%)	N/A	N/A N/A		
50 - 59 years	70	18 (6%)	32 (8%)	50 (7%)	N/A	N/A N/A		
60 years and over	10	<5 **	5 (1%)	8 (1%)	N/A	N/A N/A		
Unspecified	0	0 (0%)	0 (0%)	0 (0%)	N/A	N/A N/A		
TOTAL	950	321 (100%)	401 (100%)	722 (100%)	120	599,524 (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: 466,471/ 364 = 1,282. Thus, 1 out of every 1,282 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 "---".

[¶] 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.

MALES	White		Black		Hispanic		Other or Unknown		Male Subtotal	
Male-Male sex	273	(84%)	59	(43%)	43	(56%)	<5	**	379	(69%)
Injecting Drug Use	5	(2%)	13	(9%)	5	(6%)	0	(0%)	23	(4%)
Male-Male Sex/IDU	18	(6%)	10	(7%)	<5	**	<5	**	32	(6%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual*	6	(2%)	16	(12%)	7	(9%)	0	(0%)	29	(5%)
Perinatal	<5	**	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined	21	(6%)	36	(26%)	20	(26%)	<5	**	80	(15%)
<i>PH-Male</i>	17	(5%)	32	(23%)	18	(23%)	<5	**	70	(13%)
<i>Unknown</i>	<5	**	<5	**	<5	**	0	(0%)	10	(2%)
Male Subtotal	326	(59%)	137	(25%)	77	(14%)	9	(2%)	549	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	<5	**	11	(10%)	<5	**	<5	**	21	(12%)
Blood Products	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Heterosexual	29	(76%)	80	(75%)	15	(71%)	<5	**	128	(74%)
<i>HRH</i>	27	(71%)	44	(41%)	13	(62%)	<5	**	86	(50%)
<i>PH-Female</i>	<5	**	36	(34%)	<5	**	<5	**	42	(24%)
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	5	(13%)	15	(14%)	<5	**	0	(0%)	21	(12%)
Female Subtotal	38	(22%)	107	(62%)	21	(12%)	7	(4%)	173	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	273	(75%)	59	(24%)	43	(44%)	<5	**	379	(52%)
Injecting Drug Use	9	(2%)	24	(10%)	8	(8%)	<5	**	44	(6%)
Male-Male Sex/IDU	18	(5%)	10	(4%)	<5	**	<5	**	32	(4%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual	35	(10%)	96	(39%)	22	(22%)	<5	**	157	(22%)
<i>HRH</i>	33	(9%)	60	(25%)	20	(20%)	<5	**	115	(16%)
<i>PH-Female</i>	<5	**	36	(15%)	<5	**	<5	**	42	(6%)
Perinatal	<5	**	<5	**	<5	**	0	(0%)	7	(1%)
Undetermined	26	(7%)	51	(21%)	21	(21%)	<5	**	101	(14%)
<i>PH-Male</i>	17	(5%)	32	(13%)	18	(18%)	<5	**	70	(10%)
<i>Unknown</i>	9	(2%)	19	(8%)	<5	**	0	(0%)	31	(4%)
RACE TOTAL	364	(50%)	244	(34%)	98	(14%)	16	(2%)	722	(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 KENT CO. by Year

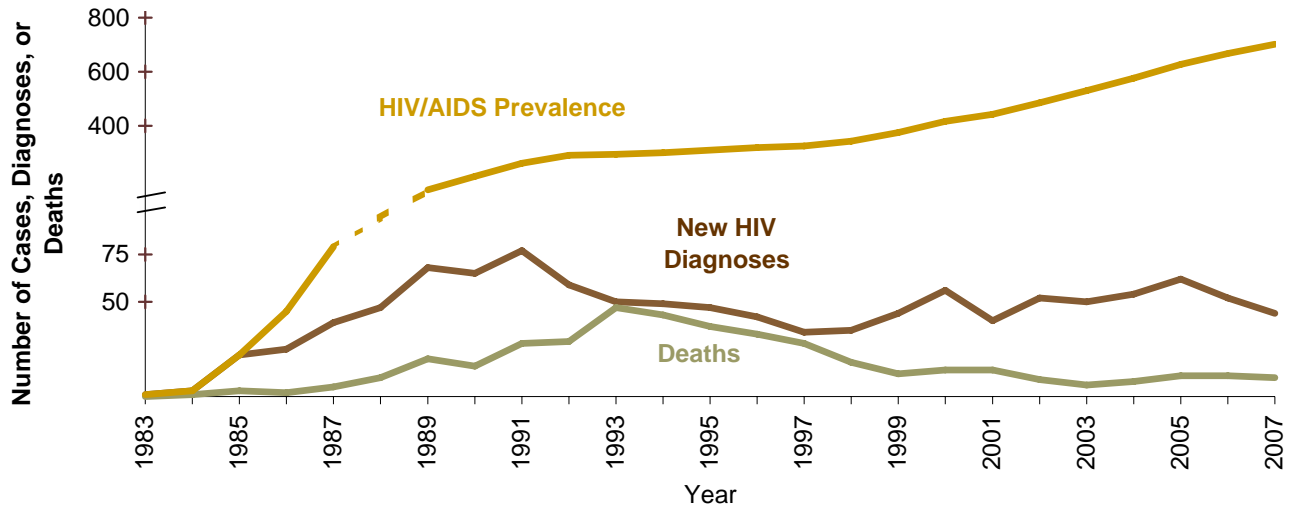
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	3	1	3	2	1	2
1985	22	3	22	7	3	6
1986	25	2	45	3	2	7
1987	39	5	79	10	5	12
1988	47	10	116	18	9	21
1989	68	20	164	35	20	36
1990	65	16	213	33	16	53
1991	77	28	262	53	26	80
1992	59	29	292	67	28	119
1993	50	47	295	52	47	124
1994	49	43	301	52	43	133
1995	47	37	311	48	36	145
1996	42	33	320	36	30	151
1997	34	28	326	37	27	161
1998	35	18	343	23	17	167
1999	44	12	375	25	12	180
2000	56	14	417	32	12	200
2001	40	14	443	29	10	219
2002	52	9	486	27	9	237
2003	50	6	530	31	5	263
2004	54	8	576	31	6	288
2005	62	11	627	42	8	322
2006	52	11	668	45	9	358
2007	44	10	702	37	10	385
2008	21	1	722	17	1	401
TOTAL	1,138	416		793	392	

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 KENT CO. is 722. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 401.

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 of Michigan**

<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>	
Kent Co.	950	321	401	722	120	793
Michigan Total	18,000	6,423	7,371	13,794	137	16,071

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 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.



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