

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	510	168 (53%)	190 (49%)	358 (51%)	76.7	466,471 (78%)			
Black	340	109 (34%)	130 (34%)	239 (34%)	441.2	54,170 (9%)			
Hispanic	130	34 (11%)	60 (15%)	94 (13%)	173.3	54,238 (9%)			
Asian/PI	10	<5 **	<5 **	5 (1%)	---	13,138 (2%)			
Am Indian/AN	10	<5 **	<5 **	5 (1%)	---	2,398 (<1%)			
Multi/Unk	10	<5 **	<5 **	<5 **	N/A	9,109 (2%)			
SEX & RACE									
Males	770	228 (72%)	308 (79%)	536 (76%)	180.4	297,174 (50%)			
White Males	460	145 (46%)	176 (45%)	321 (46%)	139.9	229,501 (38%)			
Black Males	190	54 (17%)	80 (21%)	134 (19%)	513.6	26,089 (4%)			
Hispanic Males	100	25 (8%)	48 (12%)	73 (10%)	243.9	29,935 (5%)			
Other Males	10	<5 **	<5 **	8 (1%)	---	11,649 (2%)			
Females	240	89 (28%)	80 (21%)	169 (24%)	55.9	302,350 (50%)			
White Females	50	23 (7%)	14 (4%)	37 (5%)	15.6	236,970 (40%)			
Black Females	150	55 (17%)	50 (13%)	105 (15%)	373.9	28,081 (5%)			
Hispanic Fmls	30	9 (3%)	12 (3%)	21 (3%)	86.4	24,303 (4%)			
Other Females	10	<5 **	<5 **	6 (1%)	---	12,996 (2%)			
RISK*									
Male-Male Sex	520	166 (52%)	199 (51%)	365 (52%)	N/A	N/A N/A			
Injection Drug Use	60	17 (5%)	25 (6%)	42 (6%)	N/A	N/A N/A			
MSM/IDU	40	16 (5%)	14 (4%)	30 (4%)	N/A	N/A N/A			
Blood Products	10	<5 **	<5 **	<5 **	N/A	N/A N/A			
Heterosexual	210	70 (22%)	80 (21%)	150 (21%)	N/A	N/A N/A			
HRH	150	48 (15%)	58 (15%)	106 (15%)	N/A	N/A N/A			
PH-Female	60	22 (7%)	22 (6%)	44 (6%)	N/A	N/A N/A			
Perinatal	10	<5 **	<5 **	7 (1%)	N/A	N/A N/A			
Undetermined	150	43 (14%)	64 (16%)	107 (15%)	N/A	N/A N/A			
PH-Male	110	23 (7%)	51 (13%)	74 (10%)	N/A	N/A N/A			
Unknown	50	20 (6%)	13 (3%)	33 (5%)	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	50	14 (4%)	18 (5%)	32 (5%)	N/A	N/A N/A			
20 - 24 years	140	57 (18%)	42 (11%)	99 (14%)	N/A	N/A N/A			
25 - 29 years	190	62 (20%)	68 (18%)	130 (18%)	N/A	N/A N/A			
30 - 39 years	360	102 (32%)	152 (39%)	254 (36%)	N/A	N/A N/A			
40 - 49 years	180	60 (19%)	67 (17%)	127 (18%)	N/A	N/A N/A			
50 - 59 years	70	14 (4%)	33 (9%)	47 (7%)	N/A	N/A N/A			
60 years and over	10	<5 **	5 (1%)	7 (1%)	N/A	N/A N/A			
Unspecified	0	0 (0%)	0 (0%)	0 (0%)	N/A	N/A N/A			
TOTAL	1,010	317 (100%)	388 (100%)	705 (100%)	118	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/ 358 = 1,303. Thus, 1 out of every 1,303 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	266	(83%)	56	(42%)	39	(53%)	<5	**	365	(68%)
Injecting Drug Use	5	(2%)	13	(10%)	<5	**	0	(0%)	22	(4%)
Male-Male Sex/IDU	17	(5%)	9	(7%)	<5	**	<5	**	30	(6%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual*	6	(2%)	14	(10%)	7	(10%)	0	(0%)	27	(5%)
Perinatal	<5	**	<5	**	0	(0%)	0	(0%)	<5	**
Undetermined	23	(7%)	39	(29%)	21	(29%)	<5	**	85	(16%)
<i>PH-Male</i>	19	(6%)	34	(25%)	19	(26%)	<5	**	74	(14%)
<i>Unknown</i>	<5	**	5	(4%)	<5	**	0	(0%)	11	(2%)
Male Subtotal	321	(60%)	134	(25%)	73	(14%)	8	(1%)	536	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	<5	**	11	(10%)	<5	**	<5	**	20	(12%)
Blood Products	0	(0%)	0	(0%)	<5	**	0	(0%)	<5	**
Heterosexual	28	(76%)	78	(74%)	14	(67%)	<5	**	123	(73%)
<i>HRH</i>	26	(70%)	39	(37%)	12	(57%)	<5	**	79	(47%)
<i>PH-Female</i>	<5	**	39	(37%)	<5	**	<5	**	44	(26%)
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	5	(14%)	15	(14%)	<5	**	0	(0%)	22	(13%)
Female Subtotal	37	(22%)	105	(62%)	21	(12%)	6	(4%)	169	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	266	(74%)	56	(23%)	39	(41%)	<5	**	365	(52%)
Injecting Drug Use	9	(3%)	24	(10%)	6	(6%)	<5	**	42	(6%)
Male-Male Sex/IDU	17	(5%)	9	(4%)	<5	**	<5	**	30	(4%)
Blood Products	<5	**	0	(0%)	<5	**	0	(0%)	<5	**
Heterosexual	34	(9%)	92	(38%)	21	(22%)	<5	**	150	(21%)
<i>HRH</i>	32	(9%)	53	(22%)	19	(20%)	<5	**	106	(15%)
<i>PH-Female</i>	<5	**	39	(16%)	<5	**	<5	**	44	(6%)
Perinatal	<5	**	<5	**	<5	**	0	(0%)	7	(1%)
Undetermined	28	(8%)	54	(23%)	23	(24%)	<5	**	107	(15%)
<i>PH-Male</i>	19	(5%)	34	(14%)	19	(20%)	<5	**	74	(10%)
<i>Unknown</i>	9	(3%)	20	(8%)	<5	**	0	(0%)	33	(5%)
RACE TOTAL	358	(51%)	239	(34%)	94	(13%)	14	(2%)	705	(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

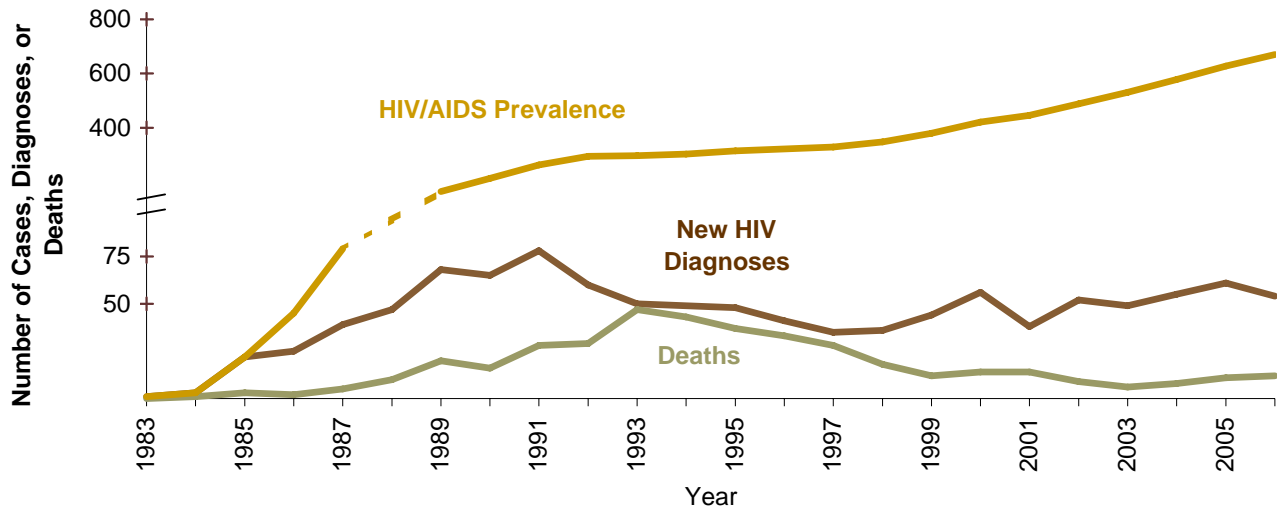
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	3	1	3	2	1	2
1985	22	3	22	7	3	6
1986	25	2	45	3	2	7
1987	39	5	79	10	5	12
1988	47	10	116	18	9	21
1989	68	20	164	35	20	36
1990	65	16	213	33	16	53
1991	78	28	263	54	26	81
1992	60	29	294	67	28	120
1993	50	47	297	52	47	125
1994	49	43	303	52	43	134
1995	48	37	314	48	36	146
1996	41	33	322	35	30	151
1997	35	28	329	38	27	162
1998	36	18	347	23	17	168
1999	44	12	379	25	12	181
2000	56	14	421	32	12	201
2001	38	14	445	29	10	220
2002	52	9	488	27	9	238
2003	49	6	531	30	5	263
2004	55	8	578	31	6	288
2005	61	11	628	42	8	322
2006	54	12	670	46	10	358
2007	42	7	705	37	7	388
TOTAL	1,118	413		777	389	

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 705. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 388.

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**

<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.	1,010	317	388	705	118	777
Michigan Total	18,000	6,325	6,995	13,320	132	15,579

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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