

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

	EST PREV*		REPORTED PREVALENCE[†]					CENSUS 2008 ESTIMATES		
	Number		HIV, not AIDS		AIDS		Total		Rate per 100,000 [§]	Number Percent
			Number	Percent	Number	Percent	Number	Percent		
RACE/ ETHNICITY[¶]										
White	550		188	(53%)	218	(48%)	406	(50%)	86.4	469,908 (78%)
Black	370		119	(34%)	156	(34%)	275	(34%)	520.3	52,852 (9%)
Hispanic	150		40	(11%)	68	(15%)	108	(13%)	187.2	57,691 (10%)
Asian/PI	10		<5	**	5	(1%)	7	(1%)	---	12,874 (2%)
Am Indian/AN	10		<5	**	<5	**	<5	**	**	2,550 (<1%)
Multi/Unk	10		<5	**	6	(1%)	10	(1%)	N/A	9,338 (2%)
SEX & RACE										
Males	840		253	(71%)	368	(81%)	621	(77%)	207.1	299,863 (50%)
White Males	500		164	(46%)	204	(45%)	368	(45%)	159.2	231,169 (38%)
Black Males	210		55	(15%)	99	(22%)	154	(19%)	606.6	25,388 (4%)
Hispanic Males	120		30	(8%)	57	(13%)	87	(11%)	275.7	31,554 (5%)
Other Males	20		<5	**	8	(2%)	12	(1%)	102.1	11,752 (2%)
Females	260		102	(29%)	87	(19%)	189	(23%)	61.9	305,350 (50%)
White Females	50		24	(7%)	14	(3%)	38	(5%)	15.9	238,739 (39%)
Black Females	160		64	(18%)	57	(13%)	121	(15%)	440.6	27,464 (5%)
Hispanic Fmls	30		10	(3%)	11	(2%)	21	(3%)	80.3	26,137 (4%)
Other Females	10		<5	**	5	(1%)	9	(1%)	---	13,010 (2%)
RISK*										
Male-Male Sex	580		185	(52%)	239	(53%)	424	(52%)	N/A	N/A N/A
Injection Drug Use	50		16	(5%)	24	(5%)	40	(5%)	N/A	N/A N/A
MSM/IDU	50		20	(6%)	14	(3%)	34	(4%)	N/A	N/A N/A
Blood Products	10		0	(0%)	<5	**	<5	**	N/A	N/A N/A
Heterosexual	240		86	(24%)	93	(20%)	179	(22%)	N/A	N/A N/A
HRH	170		61	(17%)	67	(15%)	128	(16%)	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	**	10	(1%)	N/A	N/A N/A
Undetermined	160		42	(12%)	79	(17%)	121	(15%)	N/A	N/A N/A
PH-Male	120		23	(6%)	66	(15%)	89	(11%)	N/A	N/A N/A
Unknown	40		19	(5%)	13	(3%)	32	(4%)	N/A	N/A N/A
AGE AT HIV DIAGNOSIS										
0 - 12 years	20		8	(2%)	<5	**	12	(1%)	N/A	N/A N/A
13 - 19 years	50		15	(4%)	24	(5%)	39	(5%)	N/A	N/A N/A
20 - 24 years	150		62	(17%)	47	(10%)	109	(13%)	N/A	N/A N/A
25 - 29 years	190		70	(20%)	73	(16%)	143	(18%)	N/A	N/A N/A
30 - 39 years	380		110	(31%)	170	(37%)	280	(35%)	N/A	N/A N/A
40 - 49 years	220		71	(20%)	93	(20%)	164	(20%)	N/A	N/A N/A
50 - 59 years	70		17	(5%)	35	(8%)	52	(6%)	N/A	N/A N/A
60 years and over	10		<5	**	9	(2%)	11	(1%)	N/A	N/A N/A
Unspecified	0		0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	1,100		355 (100%)		455 (100%)		810 (100%)		134	605,213 (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: 469,908/ 406 = 1,157. Thus, 1 out of every 1,157 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	301	(82%)	68	(44%)	50	(57%)	5	(42%)	424	(68%)
Injecting Drug Use	<5	**	13	(8%)	5	(6%)	0	(0%)	22	(4%)
Male-Male Sex/IDU	21	(6%)	9	(6%)	<5	**	<5	**	34	(5%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual*	6	(2%)	18	(12%)	7	(8%)	<5	**	33	(5%)
Perinatal	<5	**	<5	**	0	(0%)	0	(0%)	6	(1%)
Undetermined	32	(9%)	42	(27%)	23	(26%)	<5	**	100	(16%)
<i>PH-Male</i>	26	(7%)	39	(25%)	21	(24%)	<5	**	89	(14%)
<i>Unknown</i>	6	(2%)	<5	**	<5	**	0	(0%)	11	(2%)
Male Subtotal	368	(59%)	154	(25%)	87	(14%)	12	(2%)	621	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	<5	**	10	(8%)	<5	**	<5	**	18	(10%)
Blood Products	0	(0%)	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Heterosexual	31	(82%)	93	(77%)	15	(71%)	7	(78%)	146	(77%)
<i>HRH</i>	28	(74%)	50	(41%)	13	(62%)	<5	**	95	(50%)
<i>PH-Female</i>	<5	**	43	(36%)	<5	**	<5	**	51	(27%)
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	5	(13%)	16	(13%)	0	(0%)	0	(0%)	21	(11%)
Female Subtotal	38	(20%)	121	(64%)	21	(11%)	9	(5%)	189	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	301	(74%)	68	(25%)	50	(46%)	5	(24%)	424	(52%)
Injecting Drug Use	6	(1%)	23	(8%)	9	(8%)	<5	**	40	(5%)
Male-Male Sex/IDU	21	(5%)	9	(3%)	<5	**	<5	**	34	(4%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual	37	(9%)	111	(40%)	22	(20%)	9	(43%)	179	(22%)
<i>HRH</i>	34	(8%)	68	(25%)	20	(19%)	6	(29%)	128	(16%)
<i>PH-Female</i>	<5	**	43	(16%)	<5	**	<5	**	51	(6%)
Perinatal	<5	**	6	(2%)	<5	**	0	(0%)	10	(1%)
Undetermined	37	(9%)	58	(21%)	23	(21%)	<5	**	121	(15%)
<i>PH-Male</i>	26	(6%)	39	(14%)	21	(19%)	<5	**	89	(11%)
<i>Unknown</i>	11	(3%)	19	(7%)	<5	**	0	(0%)	32	(4%)
RACE TOTAL	406	(50%)	275	(34%)	108	(13%)	21	(3%)	810	(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

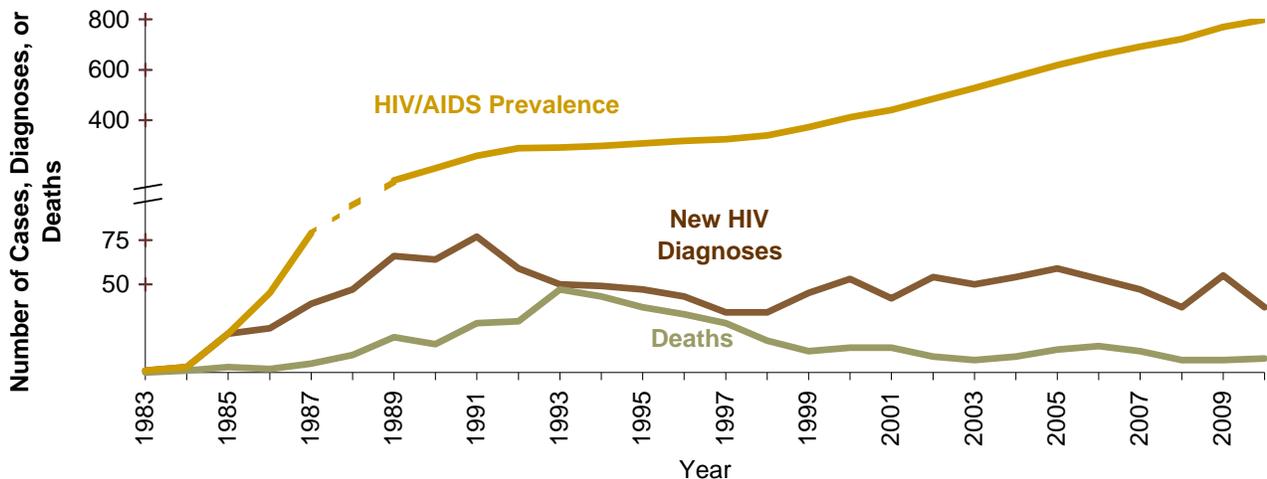
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1983	1	0	1	1	0	1
1984	3	1	3	2	1	2
1985	22	3	22	7	3	6
1986	25	2	45	3	2	7
1987	39	5	79	10	5	12
1988	47	10	116	18	9	21
1989	66	20	162	35	20	36
1990	64	16	210	33	16	53
1991	77	28	259	53	26	80
1992	59	29	289	67	28	119
1993	50	47	292	52	47	124
1994	49	43	298	52	43	133
1995	47	37	308	48	36	145
1996	43	33	318	36	30	151
1997	34	28	324	37	27	161
1998	34	18	340	23	17	167
1999	45	12	373	25	12	180
2000	53	14	412	32	12	200
2001	42	14	440	29	10	219
2002	54	9	485	27	9	237
2003	50	7	528	31	5	263
2004	54	9	573	31	7	287
2005	59	13	619	42	9	320
2006	53	15	657	45	12	353
2007	47	12	692	38	12	379
2008	37	7	722	24	7	396
2009	55	7	770	37	5	428
2010	37	8	799	25	6	447
2011	11	0	810	8	0	455
TOTAL	1,257	447		871	416	

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 810. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 455.

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.	1,100	355	455	810	134	871
Michigan Total	19,500	6,783	7,831	14,614	146	17,317

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 2011, 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.



Michigan Department of Community Health
HIV/STD/VH/TB Epidemiology Section
Division of Communicable Disease
Bureau of Epidemiology

Jennifer M. Granholm, Governor
Janet Olszewski, Director
<http://www.michigan.gov/hivstd>

Lansing Office 201 Townsend St., 5th Floor
Lansing, MI 48913
517-335-8165

Detroit Office 1151 Taylor St., Room 211B
Detroit, MI 48202
313-876-0353