

REVISED AS OF JANUARY 25, 2008

TABLE 1: Characteristics of KENT CO. Residents Living with HIV or AIDS as of October 1, 2007

	Estimate of HIV Prevalence ¹	Reported Living with AIDS ²		Reported Living with HIV not AIDS ²	
		Number	Percent	Number	Percent
KENT CO. TOTAL	950	381	100%	313	100%
SEX					
Male	720	302	79%	222	71%
Female	230	79	21%	91	29%
BEHAVIOR					
Male-Male sex	480	192	50%	162	52%
Injecting Drug Use	60	25	7%	17	5%
Male-Male Sex/IDU	40	14	4%	15	5%
Blood Products	10	<5	*	<5	*
Heterosexual ³	210	79	21%	72	23%
HRH	150	58	15%	49	16%
PH-Female	60	21	6%	23	7%
Perinatal	10	<5	*	<5	*
Undetermined ⁴	150	65	17%	42	13%
PH-Male	100	52	14%	23	7%
Unknown	40	13	3%	19	6%
AGE AT HIV DIAGNOSIS					
0 -12 years	10	<5	*	6	2%
13 -19 years	40	18	5%	13	4%
20 -24 years	130	41	11%	57	18%
25 -29 years	180	66	17%	62	20%
30 -39 years	350	152	40%	101	32%
40 -49 years	170	65	17%	58	19%
50 -59 years	60	31	8%	14	4%
60 years and over	10	5	1%	<5	*
Unspecified	Not Applicable	0	0%	0	0%
RACE / ETHNICITY					
White, Non-Hisp.	480	185	49%	165	53%
Black, Non-Hisp.	330	130	34%	108	35%
Hispanic	130	58	15%	35	11%
Asian	10	<5	*	<5	*
American Indian	10	<5	*	<5	*
Unspecified/Other/Multi-race	Not Applicable	<5	*	0	0%

1. This estimate includes all persons living in **KENT** CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.

3. 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 whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. 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.

**Table 2: Kent County Residents Living with HIV Infection by City,
 as of 10/1/2007**

City	Estimate of HIV Prevalence ²	HIV or AIDS ¹	
		Number	Percent
Kent Co.	950	694	100%
ADA	10	<5	*
ALTO	10	<5	*
BELMONT	10	<5	*
BYRON CENTER	10	<5	*
CALEDONIA	10	<5	*
CEDAR SPRINGS	10	5	1%
COMSTOCK PARK	20	13	2%
GRAND RAPIDS	730	532	77%
GRANDVILLE	10	8	1%
KENT CITY	10	<5	*
KENTWOOD	60	45	6%
LOWELL	10	<5	*
ROCKFORD	10	5	1%
SAND LAKE	10	<5	*
SPARTA	10	6	1%
WALKER	10	9	1%
WYOMING	70	54	8%
Unknown	Not applicable	<5	*

1. Reports that contain patient name or are otherwise unduplicated.

2. This estimate includes all persons living with HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that the numbers are only rounded at the at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

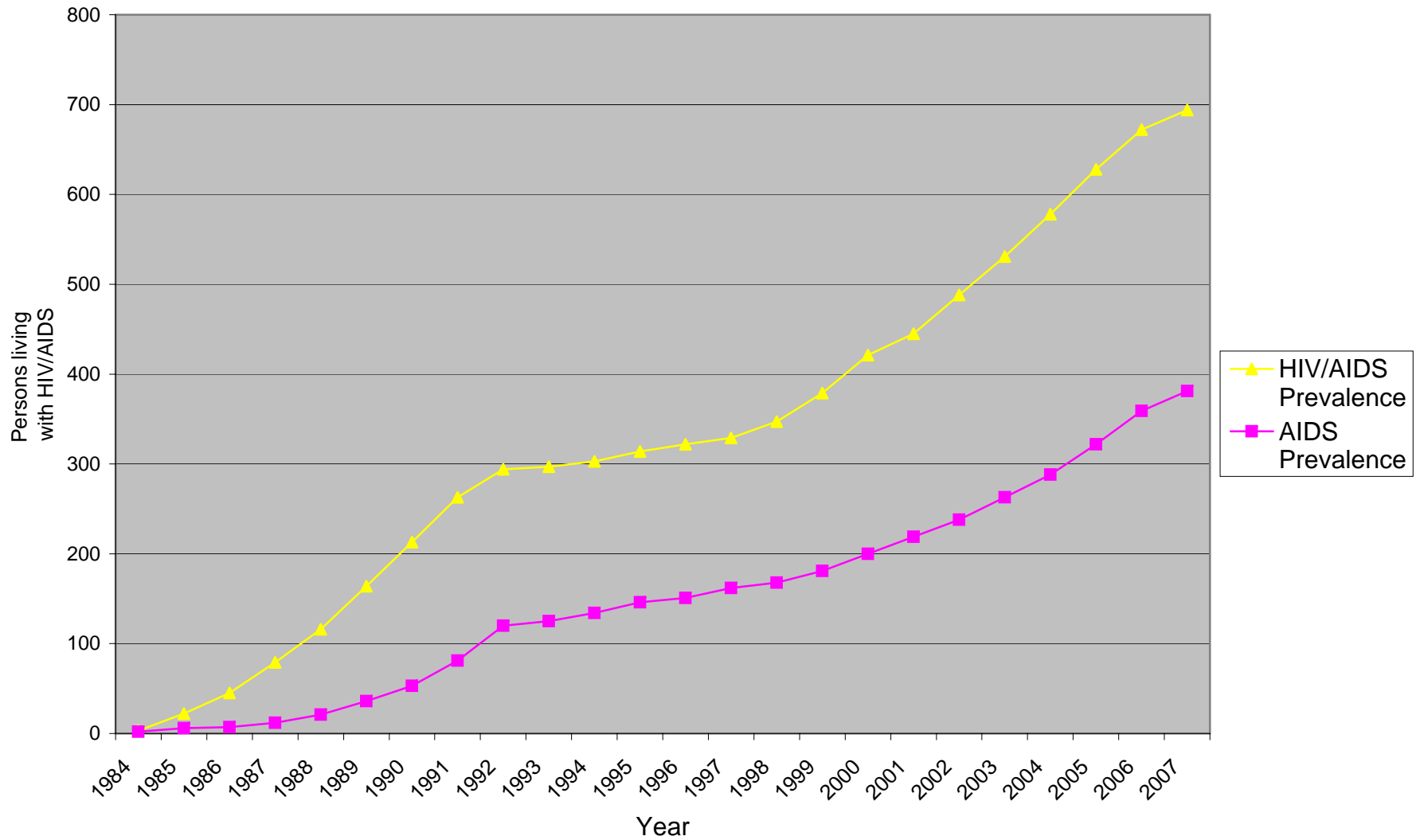
**Table 3: Kent County HIV/AIDS Prevalence
 through October 1, 2007**

Year	HIV/AIDS Deaths/Year	HIV Incidence	AIDS Incidence	HIV/AIDS Prevalence	AIDS Prevalence
1981	0	0	0	0	0
1982	0	0	0	0	0
1983	0	1	1	1	1
1984	1	3	2	3	2
1985	3	22	7	22	6
1986	2	25	3	45	7
1987	5	39	10	79	12
1988	10	47	18	116	21
1989	20	68	35	164	36
1990	16	65	33	213	53
1991	28	78	54	263	81
1992	29	60	67	294	120
1993	47	50	52	297	125
1994	43	49	52	303	134
1995	37	48	48	314	146
1996	33	41	35	322	151
1997	28	35	38	329	162
1998	18	36	23	347	168
1999	12	44	25	379	181
2000	14	56	31	421	200
2001	14	38	29	445	219
2002	9	52	28	488	238
2003	6	49	30	531	263
2004	8	55	31	578	288
2005	11	61	42	628	322
2006	11	55	46	672	359
2007	6	28	28	694	381
TOTAL	411	1105	768		

Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 694 persons through October 1, 2007

Reported AIDS prevalence (all persons currently living with an AIDS diagnosis & note this is a subset of the HIV/AIDS prevalence listed above) is 381 persons through October 1, 2007

Prevalence of Kent County residents living with HIV/AIDS and AIDS



HIV/STD & Blood borne Infections Surveillance Section
Division of Communicable Disease
Bureau of Epidemiology

Information based on the October 1, 2007 Michigan Quarterly HIV/AIDS Analysis

Residence at time of diagnosis	Estimate of HIV Prevalence	Persons living with AIDS	Persons living with HIV not AIDS	Persons ever diagnosed with AIDS	Reported Prevalence Rate
Kent County	950	381	313	768	116
Michigan Total	17,000	6,904	6,244	15,455	130

Note: This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed.

Rates are calculated per 100,000 population using Census 2006 Estimates.

Data includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.

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TABLE 4: Characteristics of KENT CO. Residents Living with HIV or AIDS as of October 1, 2007

	Estimate of HIV Prevalence ¹	Reported Living with HIV/AIDS ²	
		Number	Percent
KENT CO. TOTAL	950	694	100%
SEX			
Male	720	524	76%
Female	230	170	24%
BEHAVIOR			
Male-Male sex	480	354	51%
Injecting Drug Use	60	42	6%
Male-Male Sex/IDU	40	29	4%
Blood Products	10	<5	*
Heterosexual ³	210	151	22%
HRH	150	107	15%
PH-Female	60	44	6%
Perinatal	10	7	1%
Undetermined ⁴	150	107	15%
PH-Male	100	75	11%
Unknown	40	32	5%
AGE AT HIV DIAGNOSIS			
0 -12 years	10	9	1%
13 -19 years	40	31	4%
20 -24 years	130	98	14%
25 -29 years	180	128	18%
30 -39 years	350	253	36%
40 -49 years	170	123	18%
50 -59 years	60	45	6%
60 years and over	10	7	1%
Unspecified	Not Applicable	0	0%
RACE / ETHNICITY			
White, Non-Hisp.	480	350	50%
Black, Non-Hisp.	330	238	34%
Hispanic	130	93	13%
Asian	10	5	1%
American Indian	10	5	1%
Unspecified/Other/Multi-race	Not Applicable	<5	*

1. This estimate includes all persons living in KENT CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and "*" = 1, 2, 3, or 4 cases.

3. 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 whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. 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.

TABLE 5: Kent Co. Residents Reported Living with HIV or AIDS: Sex by Race by Behavior

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	259	83%	55	41%	37	52%	<5	*	354	68%
Injecting Drug Use	5	2%	13	10%	<5	*	0	0%	22	4%
Male-Male Sex/IDU	16	5%	9	7%	<5	*	<5	*	29	6%
Blood Recipient	<5	*	0	0%	0	0%	0	0%	<5	*
Heterosexual ¹	6	2%	14	11%	7	10%	0	0%	27	5%
Perinatal	<5	*	<5	*	0	0%	0	0%	<5	*
Undetermined ²	23	7%	39	29%	21	30%	<5	*	85	16%
<i>PH-Male</i>	19	6%	35	26%	19	27%	<5	*	75	14%
<i>Unknown</i>	<5	*	<5	*	<5	*	0	0%	10	2%
Male Subtotal	313	60%	133	25%	71	14%	7	1%	524	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	<5	*	11	10%	<5	*	<5	*	20	12%
Blood Recipient	0	0%	0	0%	<5	*	0	0%	<5	*
Heterosexual ¹	28	76%	78	74%	15	68%	<5	*	124	73%
<i>HRH</i>	26	70%	40	38%	12	55%	<5	*	80	47%
<i>PH-Female</i>	<5	*	38	36%	<5	*	<5	*	44	26%
Perinatal	0	0%	<5	*	<5	*	0	0%	<5	*
Undetermined ²	5	14%	15	14%	<5	*	0	0%	22	13%
Female Subtotal	37	22%	105	62%	22	13%	6	4%	170	100%
Total	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	259	74%	55	23%	37	40%	<5	*	354	51%
Injecting Drug Use	9	3%	24	10%	6	6%	<5	*	42	6%
Male-Male Sex/IDU	16	5%	9	4%	<5	*	<5	*	29	4%
Blood Recipient	<5	*	0	0%	<5	*	0	0%	<5	*
Heterosexual ¹	34	10%	92	39%	22	24%	<5	*	151	22%
<i>HRH</i>	32	9%	54	23%	19	20%	<5	*	107	15%
<i>PH-Female</i>	<5	*	38	16%	<5	*	<5	*	44	6%
Perinatal	<5	*	<5	*	<5	*	0	0%	7	1%
Undetermined ²	28	8%	54	23%	23	25%	<5	*	107	15%
<i>PH-Male</i>	19	5%	35	15%	19	20%	<5	*	75	11%
<i>Unknown</i>	9	3%	19	8%	<5	*	0	0%	32	5%
GRAND TOTAL	350	50%	238	34%	93	13%	13	2%	694	100%

1. 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 whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown. **In the male subset, all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males.

2. 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. **In the female subset, all cases in the undetermined category of unknown risk because the PH-Male category is not applicable to females.

NOTE: Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.