

REVISED AS OF JANUARY 25, 2008

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

	Estimate of HIV Prevalence <sup>1</sup>	Reported Living with AIDS <sup>2</sup>		Reported Living with HIV not AIDS <sup>2</sup>	
		Number	Percent	Number	Percent
<b>KALAMAZOO CO. TOTAL</b>	<b>350</b>	122	100%	136	100%
<b>SEX</b>					
Male	<b>270</b>	104	85%	96	71%
Female	<b>80</b>	18	15%	40	29%
<b>BEHAVIOR</b>					
Male-Male sex	<b>180</b>	64	52%	66	49%
Injecting Drug Use	<b>30</b>	13	11%	9	7%
Male-Male Sex/IDU	<b>20</b>	5	4%	7	5%
Blood Products	<b>10</b>	<5	*	<5	*
Heterosexual <sup>3</sup>	<b>50</b>	12	10%	25	18%
HRH	<b>40</b>	8	7%	19	14%
PH-Female	<b>10</b>	<5	*	6	4%
Perinatal	<b>10</b>	<5	*	0	0%
Undetermined <sup>4</sup>	<b>70</b>	25	20%	26	19%
PH-Male	<b>30</b>	15	12%	5	4%
Unknown	<b>40</b>	10	8%	21	15%
<b>AGE AT HIV DIAGNOSIS</b>					
0 -12 years	<b>10</b>	<5	*	0	0%
13 -19 years	<b>10</b>	<5	*	8	6%
20 -24 years	<b>40</b>	11	9%	21	15%
25 -29 years	<b>60</b>	24	20%	22	16%
30 -39 years	<b>130</b>	37	30%	56	41%
40 -49 years	<b>70</b>	34	28%	21	15%
50 -59 years	<b>20</b>	9	7%	6	4%
60 years and over	<b>10</b>	<5	*	<5	*
Unspecified	Not Applicable	0	0%	0	0%
<b>RACE / ETHNICITY</b>					
White, Non-Hisp.	<b>210</b>	76	62%	76	56%
Black, Non-Hisp.	<b>130</b>	41	34%	56	41%
Hispanic	<b>10</b>	5	4%	<5	*
Asian	<b>10</b>	0	0%	<5	*
American Indian	<b>10</b>	0	0%	0	0%
Unspecified/Other/Multi-race	Not Applicable	0	0%	<5	*

1. This estimate includes all persons living in KALAMAZOO 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: Kalamazoo County Residents Living with HIV Infection by City,  
 as of 10/1/2007**

City	Estimate of HIV Prevalence <sup>2</sup>	HIV or AIDS <sup>1</sup>	
		Number	Percent
<b>Kalamazoo Co.</b>	<b>350</b>	<b>258</b>	<b>100%</b>
Augusta	10	<5	*
Fulton	10	<5	*
Galesburg	10	<5	*
Kalamazoo	310	229	89%
Parchment	10	<5	*
Portage	20	15	6%
Richland	10	<5	*
Schoolcraft	10	<5	*
Vicksburg	10	<5	*
Unknown	Not applicable	0	0%

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.

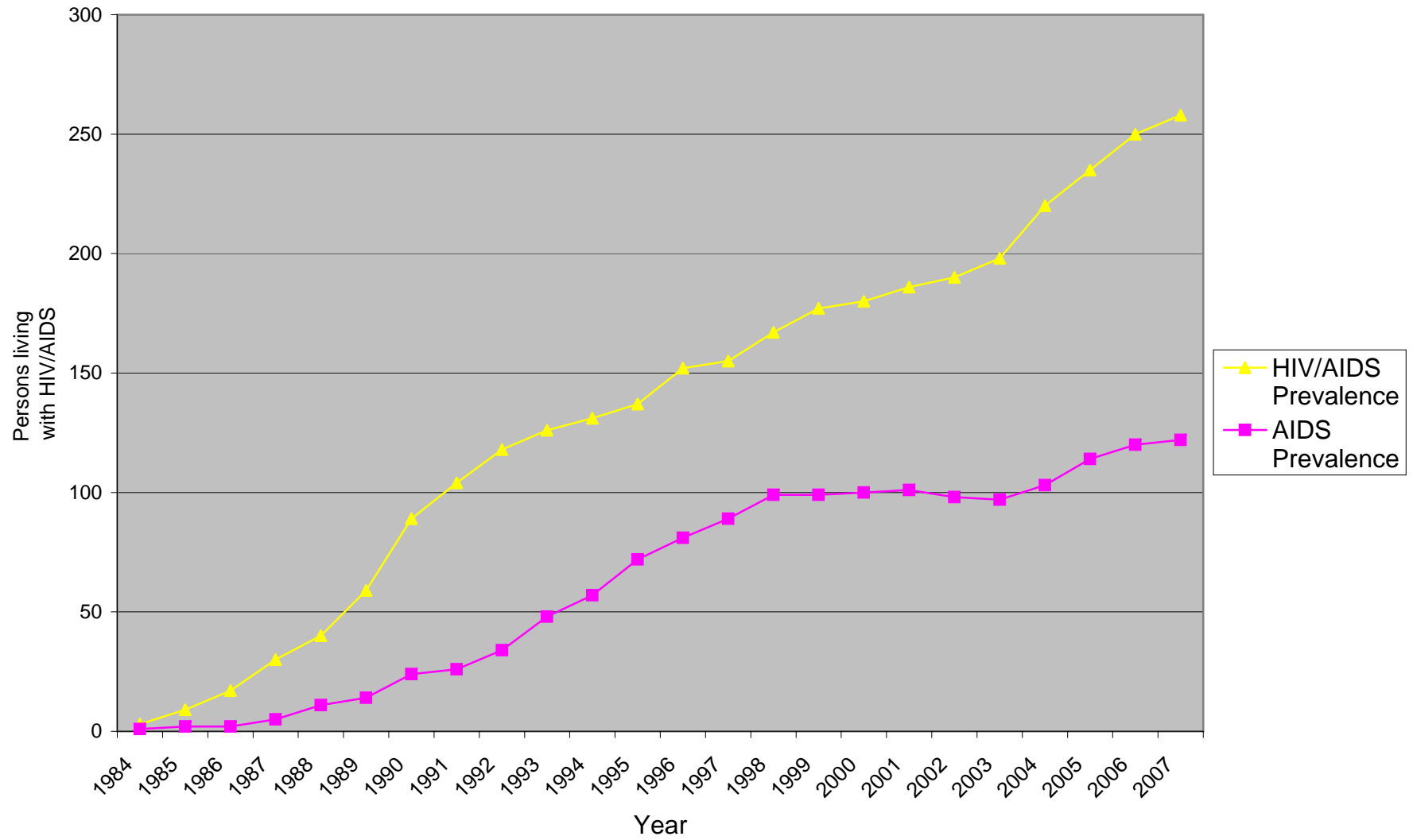
**Table 3: Kalamazoo County HIV/AIDS Prevalence  
 through October 1, 2007**

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	0	2	0	3	1
1985	2	8	3	9	2
1986	1	9	1	17	2
1987	4	17	7	30	5
1988	4	14	10	40	11
1989	4	23	7	59	14
1990	10	40	20	89	24
1991	8	23	10	104	26
1992	7	21	15	118	34
1993	12	20	25	126	48
1994	14	19	22	131	57
1995	14	20	28	137	72
1996	12	27	21	152	81
1997	15	18	21	155	89
1998	3	15	12	167	99
1999	5	15	5	177	99
2000	8	11	9	180	100
2001	5	11	6	186	101
2002	4	8	1	190	98
2003	5	13	4	198	97
2004	2	24	7	220	103
2005	5	20	14	235	114
2006	2	17	8	250	120
2007	2	10	4	258	122
TOTAL	148	406	261		

\*\*\*Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 258 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 122 persons through October 1, 2007\*\*\*

## Prevalence of Kalamazoo 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
Kalamazoo County	350	122	136	261	107
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 KALAMAZOO CO. Residents Living with HIV or AIDS as of October 1, 2007**

	Estimate of HIV Prevalence <sup>1</sup>	Reported Living with HIV/AIDS <sup>2</sup>	
		Number	Percent
KALAMAZOO CO. TOTAL	350	258	100%
<b>SEX</b>			
Male	270	200	78%
Female	80	58	22%
<b>BEHAVIOR</b>			
Male-Male sex	180	130	50%
Injecting Drug Use	30	22	9%
Male-Male Sex/IDU	20	12	5%
Blood Products	10	5	2%
Heterosexual <sup>3</sup>	50	37	14%
HRH	40	27	10%
PH-Female	10	10	4%
Perinatal	10	<5	*
Undetermined <sup>4</sup>	70	51	20%
PH-Male	30	20	8%
Unknown	40	31	12%
<b>AGE AT HIV DIAGNOSIS</b>			
0 -12 years	10	<5	*
13 -19 years	10	11	4%
20 -24 years	40	32	12%
25 -29 years	60	46	18%
30 -39 years	130	93	36%
40 -49 years	70	55	21%
50 -59 years	20	15	6%
60 years and over	10	5	2%
Unspecified	Not Applicable	0	0%
<b>RACE / ETHNICITY</b>			
White, Non-Hisp.	210	152	59%
Black, Non-Hisp.	130	97	38%
Hispanic	10	7	3%
Asian	10	<5	*
American Indian	10	0	0%
Unspecified/Other/Multi-race	Not Applicable	<5	*

1. This estimate includes all persons living in KALAMAZOO 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: Kalamazoo Co. Residents Reported Living with HIV or AIDS:  
 Sex by Race by Behavior**

<b>MALES:</b>	<b>White</b>		<b>Black</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Male-Male Sex	94	72%	31	50%	5	71%	130	65%
Injecting Drug Use	6	5%	5	8%	0	0%	11	6%
Male-Male Sex/IDU	7	5%	5	8%	0	0%	12	6%
Blood Recipient	<5	*	<5	*	0	0%	5	3%
Heterosexual <sup>1</sup>	<5	*	<5	*	0	0%	<5	*
Perinatal	0	0%	0	0%	0	0%	0	0%
Undetermined <sup>2</sup>	20	15%	16	26%	<5	*	38	19%
<i>PH-Male</i>	10	8%	9	15%	<5	*	20	10%
<i>Unknown</i>	10	8%	7	11%	<5	*	18	9%
<b>Male Subtotal</b>	<b>131</b>	<b>66%</b>	<b>62</b>	<b>31%</b>	<b>7</b>	<b>4%</b>	<b>200</b>	<b>100%</b>
<b>FEMALES:</b>	<b>White</b>		<b>Black</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Injecting Drug Use	<5	*	8	23%	0	0%	11	19%
Blood Recipient	0	0%	0	0%	0	0%	0	0%
Heterosexual <sup>1</sup>	13	62%	19	54%	<5	*	33	57%
<i>HRH</i>	11	52%	11	31%	<5	*	23	40%
<i>PH-Female</i>	<5	*	8	23%	0	0%	10	17%
Perinatal	<5	*	0	0%	0	0%	<5	*
Undetermined <sup>2</sup>	<5	*	8	23%	<5	*	13	22%
<b>Female Subtotal</b>	<b>21</b>	<b>36%</b>	<b>35</b>	<b>60%</b>	<b>&lt;5</b>	<b>*</b>	<b>58</b>	<b>100%</b>
<b>Total</b>	<b>White</b>		<b>Black</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Male-Male Sex	94	62%	31	32%	5	56%	130	50%
Injecting Drug Use	9	6%	13	13%	0	0%	22	9%
Male-Male Sex/IDU	7	5%	5	5%	0	0%	12	5%
Blood Recipient	<5	*	<5	*	0	0%	5	2%
Heterosexual <sup>1</sup>	14	9%	22	23%	<5	*	37	14%
<i>HRH</i>	12	8%	14	14%	<5	*	27	10%
<i>PH-Female</i>	<5	*	8	8%	0	0%	10	4%
Perinatal	<5	*	0	0%	0	0%	<5	*
Undetermined <sup>2</sup>	24	16%	24	25%	<5	*	51	20%
<i>PH-Male</i>	10	7%	9	9%	<5	*	20	8%
<i>Unknown</i>	14	9%	15	15%	<5	*	31	12%
<b>GRAND TOTAL</b>	<b>152</b>	<b>59%</b>	<b>97</b>	<b>38%</b>	<b>9</b>	<b>3%</b>	<b>258</b>	<b>100%</b>

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 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.