

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

	Estimate of HIV Prevalence ¹	Reported Living with AIDS ²		Reported Living with HIV not AIDS ²	
		Number	Percent	Number	Percent
MACOMB CO. TOTAL	690	267	100%	231	100%
SEX					
Male	580	229	86%	190	82%
Female	110	38	14%	41	18%
BEHAVIOR					
Male-Male sex	410	163	61%	133	58%
Injecting Drug Use	50	22	8%	15	6%
Male-Male Sex/IDU	20	<5	*	10	4%
Blood Products	10	7	3%	<5	*
Heterosexual ³	100	39	15%	35	15%
<i>HRH</i>	60	26	10%	20	9%
<i>PH-Female</i>	40	13	5%	15	6%
Perinatal	10	<5	*	<5	*
Undetermined ⁴	90	31	12%	31	13%
<i>PH-Male</i>	50	19	7%	16	7%
<i>Unknown</i>	40	12	4%	15	6%
AGE AT HIV DIAGNOSIS					
0 -12 years	10	<5	*	<5	*
13 -19 years	20	<5	*	12	5%
20 -24 years	80	24	9%	31	13%
25 -29 years	130	49	18%	43	19%
30 -39 years	250	95	36%	83	36%
40 -49 years	150	68	25%	38	16%
50 -59 years	40	15	6%	16	7%
60 years and over	20	8	3%	<5	*
Unspecified	Not Applicable	0	0%	0	0%
RACE / ETHNICITY					
White, Non-Hisp.	500	202	76%	157	68%
Black, Non-Hisp.	160	55	21%	60	26%
Hispanic	20	<5	*	10	4%
Asian	10	<5	*	<5	*
American Indian	10	<5	*	0	0%
Unspecified/Other/Multi-race	Not Applicable	<5	*	<5	*

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

MALES:	White		Black		Other or Unknown		TOTAL	
Male-Male Sex	238	74%	47	57%	11	65%	296	71%
Injecting Drug Use	15	5%	5	6%	<5	*	21	5%
Male-Male Sex/IDU	12	4%	<5	*	0	0%	14	3%
Blood Recipient	10	3%	0	0%	0	0%	10	2%
Heterosexual ¹	9	3%	5	6%	0	0%	14	3%
Perinatal	<5	*	<5	*	0	0%	<5	*
Undetermined ²	35	11%	20	24%	5	29%	60	14%
<i>PH-Male</i>	17	5%	16	20%	<5	*	35	8%
<i>Unknown</i>	18	6%	<5	*	<5	*	25	6%
Male Subtotal	320	76%	82	20%	17	4%	419	100%
FEMALES:	White		Black		Other or Unknown		TOTAL	
Injecting Drug Use	8	21%	6	18%	<5	*	16	20%
Blood Recipient	0	0%	0	0%	0	0%	0	0%
Heterosexual ¹	29	74%	27	82%	<5	*	60	76%
<i>HRH</i>	20	51%	10	30%	<5	*	32	41%
<i>PH-Female</i>	9	23%	17	52%	<5	*	28	35%
Perinatal	<5	*	0	0%	0	0%	<5	*
Undetermined ²	<5	*	0	0%	<5	*	<5	*
Female Subtotal	39	49%	33	42%	7	9%	79	100%
Total	White		Black		Other or Unknown		TOTAL	
Male-Male Sex	238	66%	47	41%	11	46%	296	59%
Injecting Drug Use	23	6%	11	10%	<5	*	37	7%
Male-Male Sex/IDU	12	3%	<5	*	0	0%	14	3%
Blood Recipient	10	3%	0	0%	0	0%	10	2%
Heterosexual ¹	38	11%	32	28%	<5	*	74	15%
<i>HRH</i>	29	8%	15	13%	<5	*	46	9%
<i>PH-Female</i>	9	3%	17	15%	<5	*	28	6%
Perinatal	<5	*	<5	*	0	0%	5	1%
Undetermined ²	36	10%	20	17%	6	25%	62	12%
<i>PH-Male</i>	17	5%	16	14%	<5	*	35	7%
<i>Unknown</i>	19	5%	<5	*	<5	*	27	5%
GRAND TOTAL	359	72%	115	23%	24	5%	498	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.

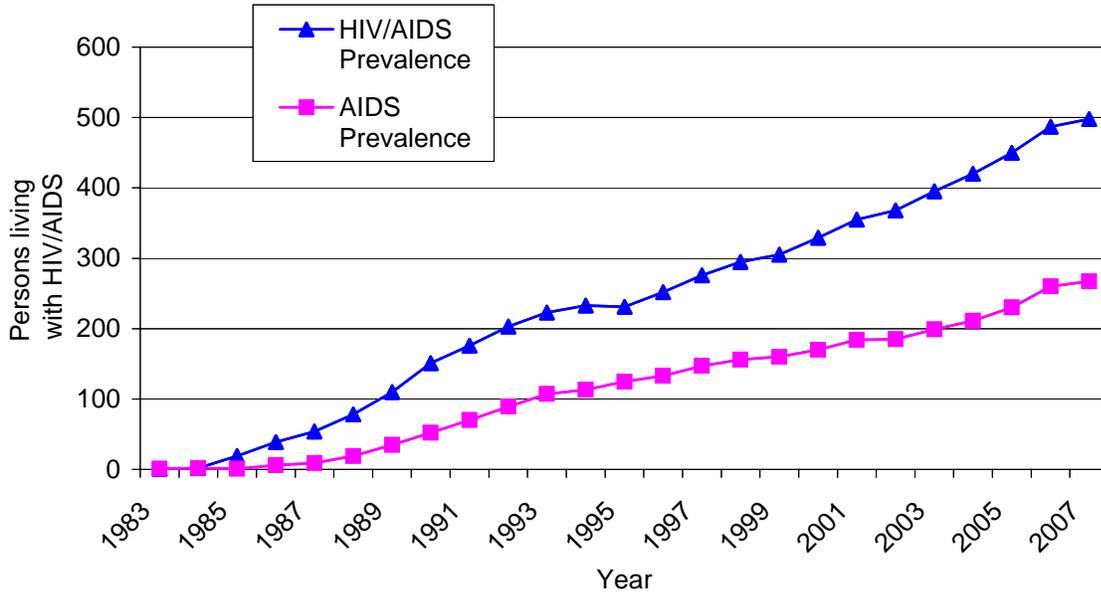
**Table 3: Macomb County HIV/AIDS Prevalence
 through July 1, 2007**

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	2	2	2	2
1985	3	20	2	19	1
1986	2	22	7	39	6
1987	7	22	10	54	9
1988	8	32	18	78	19
1989	14	46	30	110	35
1990	18	59	35	151	52
1991	24	49	42	176	70
1992	29	56	48	203	89
1993	28	48	46	223	107
1994	29	39	35	233	113
1995	41	39	51	231	125
1996	21	42	29	252	133
1997	13	37	25	276	147
1998	14	33	22	295	156
1999	14	24	18	305	160
2000	5	29	13	329	170
2001	11	37	22	355	184
2002	17	30	16	368	185
2003	6	33	20	395	199
2004	9	34	19	420	211
2005	5	35	24	450	230
2006	6	43	36	487	260
2007	1	12	8	498	267
TOTAL	326	824	579		

Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 498 persons through July 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 267 persons through July 1, 2007

Prevalence of Macomb Co. residents living with HIV/AIDS and AIDS



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

Residence at time of diagnosis	Estimate of HIV Prevalence	Reported prevalence rate	Persons living with AIDS	Persons living with HIV not AIDS
Macomb Co.	690	60	267	231
Michigan Total	17,000	129	6,805	6,177

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

Rates are calculated per 100,000 population in 2000.

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