

**TABLE 1: Characteristics of Michigan Residents Living with HIV or AIDS
 as of April 1, 2007**

	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Reported Living with AIDS ³		Reported Living with HIV not AIDS ³	
			Number	Percent	Number	Percent
MICHIGAN TOTAL	17,000	171.1	6,673	100%	6,091	100%
SEX						
Male	13,070	268	5,280	79%	4,530	74%
Female	3,930	78	1,393	21%	1,561	26%
BEHAVIOR						
Male-Male Sex	7,910	N/A	3,251	49%	2,687	44%
Injecting Drug Use ⁴	2,160	N/A	930	14%	694	11%
<i>IDU w/ heterosexual</i>	990	N/A	424	6%	320	5%
<i>IDU w/o heterosexual</i>	1,170	N/A	506	8%	374	6%
Male-Male Sex/IDU	760	N/A	319	5%	253	4%
Blood Products	190	N/A	91	1%	55	1%
Heterosexual ⁵	2,220	N/A	855	13%	813	13%
<i>Partner IDU</i>	660	N/A	248	4%	245	4%
<i>Partner Bisexual</i>	140	N/A	41	1%	61	1%
<i>Partner Rec'd Bld</i>	60	N/A	23	0%	20	0%
<i>Partner HIV +</i>	1,370	N/A	543	8%	487	8%
Perinatal	200	N/A	44	1%	104	2%
Undetermined	Not Applicable	N/A	1,183	18%	1,485	24%
<i>Presumed Heterosexual⁶</i>	<i>Not Applicable</i>	N/A	942	14%	1,039	17%
<i>Other⁷</i>	<i>Not Applicable</i>	N/A	241	4%	446	7%
AGE AT DIAGNOSIS						
0 -12 years	200	11	38	1%	115	2%
13 -19 years	460	45	74	1%	269	4%
20 -24 years	1,610	250	344	5%	867	14%
25 -29 years	2,440	373	773	12%	1,058	17%
30 -34 years	3,130	442	1,228	18%	1,119	18%
35 -39 years	3,310	420	1,466	22%	1,021	17%
40 -44 years	2,590	319	1,182	18%	759	12%
45 -49 years	1,600	218	761	11%	440	7%
50 -54 years	940	148	452	7%	251	4%
55 -59 years	430	88	205	3%	115	2%
60 -64 years	190	50	93	1%	50	1%
65 years and over	110	9	57	1%	24	0%
Unspecified	Not Applicable	N/A	0	(0%)	3	(0%)
RACE / ETHNICITY						
White, Non-Hisp.	6,100	78	2,428	36%	2,155	35%
Black, Non-Hisp.	9,970	711	3,875	58%	3,613	59%
Hispanic	650	201	277	4%	213	3%
Asian/Pacific Islander	80	45	33	0%	25	0%
American Indian	60	112	16	0%	29	0%
Unspecified/Multi-race	Not Applicable	N/A	44	(1%)	56	(1%)

* See Technical Notes for footnotes to Table 1.

**TABLE 2a: Michigan Residents Living with HIV or AIDS by County, as of 4/1/07
 and Residents Ever Diagnosed with AIDS, 1981 to Date**

Residence at Time of Diagnosis	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Persons Living with AIDS ³	Persons Living with HIV not AIDS ³	Persons Ever Diagnosed with AIDS
Total Michigan	17,000	171.1	6,673	6,091	15,128
Alcona	10	----	1	0	4
Alger	10	----	1	0	1
Allegan	100	94.6	42	29	81
Alpena	10	----	1	1	8
Antrim	10	----	5	3	10
Arenac	10	----	1	1	4
Baraga	10	----	4	2	8
Barry	30	52.9	13	6	25
Bay	80	72.6	23	31	56
Benzie	10	----	0	1	2
Berrien	300	184.7	116	96	213
Branch	20	43.7	1	10	13
Calhoun	140	101.5	50	50	115
Cass	40	78.3	13	14	22
Charlevoix	20	76.7	5	7	7
Cheboygan	10	----	4	1	6
Chippewa	10	----	5	4	8
Clare	20	64.0	6	7	10
Clinton	40	61.8	13	17	28
Crawford	10	----	2	0	4
Delta	20	51.9	7	5	9
Dickinson	10	----	1	0	5
Eaton	60	57.9	22	23	40
Emmet	10	----	5	3	9
Genesee	630	144.4	215	230	478
Gladwin	10	----	5	2	7
Gogebic	10	----	0	1	7
Grand Traverse	60	77.3	22	23	41
Gratiot	10	----	3	2	9
Hillsdale	10	----	3	5	15
Houghton	10	----	4	2	8
Huron	10	----	2	1	8
Ingham	510	182.6	154	203	362
Ionia	20	32.5	10	4	21
Iosco	10	----	1	1	2
Iron	10	----	1	0	3
Isabella	30	47.4	10	10	22
Jackson	160	101.0	51	61	106
Kalamazoo	360	150.9	122	132	259
Kalkaska	10	----	1	3	4
Kent	960	167.1	370	306	750
Keweenaw	10	----	0	0	0

1. This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed. The minimum estimate given is 10 persons.
2. Rates are calculated per 100,000 population in 2000. Rates are unreliable for counties with the minimum estimated prevalence of 10, and are therefore not listed.
3. Includes reports of HIV infection or AIDS that contain patient name or are otherwise unduplicated.

**TABLE 2b: Michigan Residents Living with HIV or AIDS by County, as of 4/1/07
 and Residents Ever Diagnosed with AIDS, 1981 to Date**

Residence at Time of Diagnosis	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Persons Living with AIDS ³	Persons Living with HIV not AIDS ³	Persons Ever Diagnosed with AIDS
TOTAL MICHIGAN	17,000	171.1	6,673	6,091	15,128
Lake	10	----	6	3	11
Lapeer	30	34.1	12	11	23
Leelanau	10	----	4	0	14
Lenawee	60	60.7	23	22	44
Livingston	60	38.2	19	21	39
Luce	10	----	0	0	1
Mackinac	10	----	1	0	2
Macomb	680	86.3	262	221	573
Manistee	20	81.5	8	4	12
Marquette	30	46.4	6	12	20
Mason	20	70.7	8	4	11
Mecosta	20	49.3	5	8	14
Menominee	10	----	1	3	5
Midland	30	36.2	16	8	31
Missaukee	10	----	1	3	3
Monroe	70	48.0	32	19	70
Montcalm	20	32.6	11	6	25
Montmorency	10	----	4	0	5
Muskegon	140	82.3	51	50	107
Newaygo	20	41.8	11	6	23
Oakland	1,920	160.8	708	651	1,413
Oceana	10	----	4	6	9
Ogemaw	10	----	1	1	3
Ontonagon	10	----	1	1	1
Osceola	10	----	2	2	8
Oscoda	10	----	0	1	2
Otsego	10	----	5	4	9
Ottawa	120	50.4	51	37	109
Presque Isle	10	----	2	1	4
Roscommon	20	78.5	8	3	15
Saginaw	210	100.0	73	74	179
Sanilac	20	44.9	7	4	14
Schoolcraft	10	----	0	1	2
Shiawassee	30	41.8	13	8	22
St. Clair	120	73.1	37	45	90
St. Joseph	40	64.1	16	12	36
Tuscola	10	----	3	4	12
Van Buren	60	78.7	22	21	46
Washtenaw	590	182.7	209	206	418
Wayne	1,690	152.3	673	519	1,462
City of Detroit	7,160	752.7	2,706	2,350	6,791
Wexford	20	65.6	6	5	8
PRISONS ⁴	770	N/A	329	433	651
Unknown	10	N/A	1	4	1

1. This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed. The minimum estimate given is 10 persons.

2. Rates are calculated per 100,000 population in 2000. Rates are unreliable for counties with the minimum estimated prevalence of 10, and are therefore not listed.

3. Includes reports of HIV infection or AIDS that contain patient name or are otherwise unduplicated.

4. The category PRISONS includes those persons who were in prison at the time of their HIV or AIDS

TABLE 3: Michigan Residents Reported Living with HIV or AIDS: Sex by Race by Behavior

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	2,967	75%	2,711	51%	189	51%	71	49%	5,938	61%
Injecting Drug Use	178	4%	753	14%	49	13%	10	7%	990	10%
Male-Male Sex/IDU	228	6%	322	6%	14	4%	8	5%	572	6%
Blood Recipient	85	2%	32	1%	4	1%	2	1%	123	1%
Heterosexual	93	2%	343	6%	35	9%	4	3%	475	5%
Perinatal	15	0%	62	1%	2	1%	3	2%	82	1%
Undetermined	416	10%	1,086	20%	80	21%	48	33%	1,630	17%
<i>Presumed Heterosexual</i>	260	7%	774	15%	64	17%	24	16%	1,122	11%
<i>Other</i>	156	4%	312	6%	16	4%	24	16%	508	5%
Male Subtotal	3,982	(41%)	5,309	(54%)	373	(4%)	146	(1%)	9,810	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	109	18%	494	23%	21	18%	10	18%	634	21%
Blood Recipient	14	2%	6	0%	2	2%	1	2%	23	1%
Heterosexual	308	51%	807	37%	59	50%	19	33%	1,193	40%
Perinatal	13	2%	46	2%	6	5%	1	2%	66	2%
Undetermined	157	26%	826	38%	29	25%	26	46%	1,038	35%
<i>Presumed Heterosexual</i>	128	21%	685	31%	26	22%	20	35%	859	29%
<i>Other</i>	29	5%	141	6%	3	3%	6	11%	179	6%
Female Subtotal	601	(20%)	2,179	(74%)	117	(4%)	57	(2%)	2,954	100%
GRAND TOTAL	4,583	36%	7,488	59%	490	4%	203	2%	12,764	100%

Technical Notes

HIV Prevalence Estimate for Michigan

MDCH estimates that there are up to 17,000 HIV-infected persons (including those with AIDS) living in Michigan. This estimate includes all persons living in Michigan at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. It is supported by national estimates of HIV infection and rate of new AIDS diagnoses and deaths. Categorical estimates of HIV prevalence are calculated from the distribution of reported cases among each group of confidentially reported persons living with HIV or AIDS.

Footnotes for Table 1:

1. This estimate includes all persons living in Michigan 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. Rates are calculated per 100,000 population in 2000.
3. Includes reports that contain patient name or are otherwise unduplicated.
4. The IDU risk category is further sub-divided to indicate the number and percentage of persons who also had a sexual partner who is considered to be a "high risk" heterosexual, (i.e., partner is an IDU, a bisexual male (for females), a recipient of HIV infected blood or blood products or a person who is known to be infected with HIV).
5. The heterosexual category includes only those persons with "high risk" heterosexual partners as defined in footnote 4.
6. This subset of undetermined includes persons who had heterosexual sex but their partner(s)' risk is unknown. This includes unconfirmed exposures in the healthcare setting (1).
7. Includes persons with confirmed exposure in the health care setting (2) and pediatric cases with probable sexual mode of transmission (3).