

* TABLE 1: Characteristics of Michigan Residents Living with HIV or AIDS

	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Reported Living with AIDS ³		Reported Living with HIV not AIDS ³	
			Number	Percent ⁴	Number	Percent ⁴
MICHIGAN TOTAL	16,200	163	5,976	100%	5,956	100%
SEX						
Male	12,450	255	4,753	80%	4,420	74%
Female	3,750	74	1,223	20%	1,536	26%
BEHAVIOR						
Male-Male Sex	7,480	N/A	2,942	59%	2,570	56%
Injecting Drug Use ⁵	2,200	N/A	892	18%	729	16%
<i>IDU w/ heterosexual</i>	1,030	N/A	413	8%	346	8%
<i>IDU w/o heterosexual</i>	1,170	N/A	479	10%	383	8%
Male-Male Sex/IDU	770	N/A	305	6%	264	6%
Blood Products	160	N/A	75	1%	46	1%
Heterosexual ⁶	2,160	N/A	751	15%	838	18%
<i>Partner IDU</i>	650	N/A	223	4%	253	6%
<i>Partner Bisexual</i>	120	N/A	35	1%	50	1%
<i>Partner Rec'd Bld</i>	60	N/A	19	0%	22	0%
<i>Partner HIV +</i>	1,340	N/A	474	9%	513	11%
Perinatal	190	N/A	36	1%	104	2%
Undetermined/Other ⁴	Not Applicable	N/A	975	(16%)	1,405	(24%)
<i>Presumed Heterosexual⁷</i>	Not Applicable	N/A	778	(13%)	988	(17%)
<i>Other⁸</i>	Not Applicable	N/A	197	(3%)	417	(7%)
AGE AT DIAGNOSIS						
0 -12 years	200	11	33	1%	116	2%
13 -19 years	400	40	62	1%	232	4%
20 -24 years	1,520	236	303	5%	816	14%
25 -29 years	2,350	359	681	11%	1,053	18%
30 -34 years	3,160	447	1,173	20%	1,151	19%
35 -39 years	3,210	408	1,324	22%	1,043	18%
40 -44 years	2,430	300	1,055	18%	732	12%
45 -49 years	1,440	196	658	11%	405	7%
50 -54 years	850	134	394	7%	233	4%
55 -59 years	370	76	168	3%	107	2%
60 -64 years	160	42	78	1%	43	1%
65 years and over	90	7	47	1%	22	0%
Undetermined ⁴	Not Applicable	N/A	0	0%	3	0%
RACE / ETHNICITY						
White, Non-Hisp.	5,820	75	2,230	37%	2,055	35%
Black, Non-Hisp.	9,420	672	3,450	58%	3,488	60%
Hispanic	600	185	239	4%	201	3%
Asian	70	39	30	1%	23	0%
American Indian	50	94	11	0%	28	0%
Unspecified/Other/Multi-race ⁴	Not Applicable	N/A	16	(0%)	161	(3%)

* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 10/1/05
 and Residents Ever Diagnosed with AIDS, 1981 to Present**

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	16,200	163.0	5,976	5,956	14,125
Alcona	10	----	0	0	3
Alger	10	----	1	0	1
Allegan	90	85.2	37	28	76
Alpena	10	----	1	1	8
Antrim	10	----	5	3	10
Arenac	10	----	1	1	4
Baraga	10	----	4	2	8
Barry	30	52.9	12	8	24
Bay	70	63.5	21	29	54
Benzie	10	----	0	1	2
Berrien	290	178.5	104	93	197
Branch	10	----	0	10	12
Calhoun	140	101.5	48	48	112
Cass	40	78.3	10	16	19
Charlevoix	20	76.7	4	7	6
Cheboygan	10	----	4	1	6
Chippewa	10	----	2	5	5
Clare	10	----	4	6	8
Clinton	50	77.2	15	18	28
Crawford	10	----	2	0	4
Delta	20	51.9	7	5	9
Dickinson	10	----	1	0	5
Eaton	60	57.9	17	22	35
Emmet	10	----	4	3	8
Genesee	590	135.3	184	221	438
Gladwin	10	----	5	1	7
Gogebic	10	----	0	2	7
Grand Traverse	70	90.1	21	26	39
Gratiot	10	----	3	3	9
Hillsdale	10	----	3	5	16
Houghton	10	----	4	2	8
Huron	10	----	2	0	8
Ingham	490	175.4	140	198	345
Ionia	20	32.5	9	4	20
Iosco	10	----	1	2	2
Iron	10	----	0	0	2
Isabella	20	31.6	9	4	21
Jackson	150	94.7	48	57	103
Kalamazoo	340	142.5	108	127	243
Kalkaska	10	----	1	3	4
Kent	880	153.2	306	301	676
Keweenaw	10	----	0	0	0
Lake	10	----	6	2	11
Lapeer	30	34.1	11	10	21
Leelanau	10	----	4	0	14
Lenawee	60	60.7	18	20	39
Livingston	50	31.9	18	15	37
Luce	10	----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 10/1/05
 and Residents Ever Diagnosed with AIDS, 1981 to Present**

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	16,200	163.0	5,976	5,956	14,125
Mackinac	10	----	1	0	2
Macomb	620	78.7	225	202	526
Manistee	20	81.5	9	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	----	0	3	4
Midland	40	48.3	16	9	29
Missaukee	10	----	1	3	3
Monroe	70	48.0	28	17	65
Montcalm	30	49.0	12	6	25
Montmorency	10	----	3	0	4
Muskegon	140	82.3	40	54	94
Newaygo	20	41.8	11	4	23
Oakland	1,780	149.1	615	613	1,296
Oceana	10	----	3	4	8
Ogemaw	10	----	1	1	3
Ontonagon	10	----	1	1	1
Osceola	10	----	2	2	8
Oscoda	10	----	0	1	2
Otsego	10	----	6	3	9
Ottawa	120	50.4	46	34	105
Presque Isle	10	----	1	1	3
Roscommon	20	78.5	9	3	15
Saginaw	200	95.2	70	69	171
Sanilac	20	44.9	6	5	13
Schoolcraft	10	----	0	1	2
Shiawassee	30	41.8	12	7	21
St. Clair	110	67.0	30	44	80
St. Joseph	30	48.1	13	10	33
Tuscola	10	----	4	5	11
Van Buren	70	91.8	18	27	41
Washtenaw	550	170.3	187	193	388
Wayne	1,590	143.3	601	497	1,353
City of Detroit	6,980	733.8	2,482	2,335	6,414
Wexford	10	----	5	5	7
PRISONS ⁴	750	N/A	294	455	593
UNKNOWN	10	N/A	0	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 diagnosis.

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	2,824	76%	2,443	50%	168	49%	77	38%	5,512	60%
Injecting Drug Use	167	4%	756	15%	47	14%	12	6%	982	11%
Male-Male Sex/IDU	222	6%	322	7%	18	5%	7	3%	569	6%
Blood Recipient	76	2%	18	0%	1	0%	3	1%	98	1%
Heterosexual	87	2%	332	7%	29	9%	8	4%	456	5%
Perinatal	12	0%	60	1%	1	0%	3	1%	76	1%
Undetermined/Other	339	9%	971	20%	76	22%	94	46%	1,480	16%
<i>Presumed Heterosexual</i>	222	6%	714	15%	58	17%	29	14%	1,023	11%
<i>Other</i>	117	3%	257	5%	18	5%	65	32%	457	5%
MALE TOTAL	3,727	(41%)	4,902	(53%)	340	(4%)	204	(2%)	9,173	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	108	19%	508	25%	16	16%	7	11%	639	23%
Blood Recipient	11	2%	11	1%	1	1%	0	0%	23	1%
Heterosexual	288	52%	769	38%	55	55%	21	32%	1133	41%
Perinatal	11	2%	46	2%	5	5%	2	3%	64	2%
Undetermined/Other	140	25%	702	34%	23	23%	35	54%	900	33%
<i>Presumed Heterosexual</i>	120	22%	587	29%	20	20%	16	25%	743	27%
<i>Other</i>	20	4%	115	6%	3	3%	19	29%	157	6%
FEMALE TOTAL	558	(20%)	2,036	(74%)	100	(4%)	65	(2%)	2759	100%
GRAND TOTAL	4,285	36%	6,938	58%	440	4%	269	2%	11,932	100%

TECHNICAL NOTES

HIV Prevalence Estimate for Michigan

MDCH estimates that there are up to 16,200 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 and January 2004 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. Age, sex, race, and behavior percentages are calculated excluding missing data. The percentages of total cases missing this demographic information are given in parentheses.
5. 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).
6. The heterosexual category includes only those persons with "high risk" heterosexual partners as defined in footnote 5.
7. 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).
8. Includes persons with confirmed exposure in the health care setting (2) and pediatric cases with probable sexual mode of transmission (3).