

* 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	15,500	156	4,912	100%	5,384	100%
SEX						
Male	11,980	246	3,926	80%	4,020	75%
Female	3,520	70	986	20%	1,364	25%
BEHAVIOR						
Male-Male Sex	8,300	N/A	2383	57%	2217	53%
Injecting Drug Use ⁵	3,350	N/A	868	21%	793	19%
<i>IDU w/ heterosexual</i>	<i>1,440</i>	<i>N/A</i>	<i>389</i>	<i>9%</i>	<i>356</i>	<i>10%</i>
<i>IDU w/o heterosexual</i>	<i>1,910</i>	<i>N/A</i>	<i>479</i>	<i>11%</i>	<i>437</i>	<i>24%</i>
Male-Male Sex/IDU	1,010	N/A	272	6%	274	7%
Blood Products	250	N/A	78	2%	50	1%
Heterosexual ⁶	2,370	N/A	566	13%	771	18%
<i>Partner IDU</i>	<i>800</i>	<i>N/A</i>	<i>190</i>	<i>5%</i>	<i>243</i>	<i>7%</i>
<i>Partner Bisexual</i>	<i>120</i>	<i>N/A</i>	<i>27</i>	<i>1%</i>	<i>41</i>	<i>2%</i>
<i>Partner Rec'd Bld</i>	<i>60</i>	<i>N/A</i>	<i>12</i>	<i>0%</i>	<i>19</i>	<i>2%</i>
<i>Partner HIV +</i>	<i>1,400</i>	<i>N/A</i>	<i>337</i>	<i>8%</i>	<i>468</i>	<i>46%</i>
Perinatal	230	N/A	32	1%	95	2%
Undetermined/Other ^{4,7}	Not Applicable	N/A	713	(15%)	1184	(22%)
AGE AT DIAGNOSIS						
0 -12 years	210	11	33	1%	111	2%
13 -19 years	310	31	45	1%	174	3%
20 -24 years	1,350	210	217	4%	706	13%
25 -29 years	2,410	368	599	12%	1039	19%
30 -34 years	3,250	459	1069	22%	1098	20%
35 -39 years	3,110	394	1087	22%	985	18%
40 -44 years	2,310	285	888	18%	621	12%
45 -49 years	1,340	182	509	10%	338	6%
50 -54 years	700	111	281	6%	183	3%
55 -59 years	290	60	107	2%	76	1%
60 -64 years	140	42	50	1%	34	1%
65 years and over	90	13	27	1%	19	0%
RACE / ETHNICITY						
White, Non-Hisp.	5,710	72	1,916	39%	1,843	35%
Black, Non-Hisp.	9,150	644	2,767	56%	3,215	61%
Hispanic	540	167	198	4%	164	3%
Asian/Pacific Islander	40	90	18	2%	13	0%
American Indian/ Alaska Native	60	300	10	0%	26	0%
Unspecified/Other ⁴	Not Applicable		3	(0%)	123	(2%)

* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 10/1/02
 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	15,500	156.0	4,912	5,384	12,405
Alcona	20	----	1	0	3
Alger	20	----	1	0	1
Allegan	100	94.6	40	20	77
Alpena	20	----	1	3	8
Antrim	20	----	2	1	6
Arenac	20	----	0	2	2
Baraga	20	----	4	2	8
Barry	20	----	9	6	21
Bay	80	72.6	20	26	52
Benzie	20	----	0	1	2
Berrien	240	147.7	81	79	163
Branch	20	----	1	8	13
Calhoun	150	108.7	36	56	92
Cass	30	58.7	9	12	17
Charlevoix	20	----	3	5	5
Cheboygan	20	----	1	0	4
Chippewa	20	----	2	6	4
Clare	20	----	3	5	8
Clinton	30	46.3	13	8	24
Crawford	20	----	2	0	4
Delta	20	----	6	7	7
Dickinson	20	----	3	2	5
Eaton	40	38.6	14	14	31
Emmet	20	----	3	3	7
Genesee	580	133.0	158	202	389
Gladwin	20	----	1	1	3
Gogebic	20	----	1	2	7
Grand Traverse	60	77.3	17	23	35
Gratiot	20	----	2	3	8
Hillsdale	20	----	1	5	13
Houghton	20	----	4	3	8
Huron	20	----	2	0	8
Ingham	450	161.1	121	156	328
Ionia	20	----	8	4	18
Iosco	20	----	1	2	2
Iron	20	----	0	1	2
Isabella	20	----	6	5	17
Jackson	130	82.1	41	47	93
Kalamazoo	320	134.1	109	97	230
Kalkaska	20	----	1	3	4
Kent	750	130.6	243	239	592
Keweenaw	20	----	0	0	0
Lake	20	----	6	3	9
Lapeer	20	----	4	9	13
Leelanau	20	----	5	0	13
Lenawee	60	60.7	18	20	39
Livingston	40	25.5	11	12	30
Luce	20	----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 10/1/02
 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	15,500	156.0	4,912	5,384	12,405
Mackinac	20	-----	1	0	2
Macomb	570	72.3	183	173	470
Manistee	20	-----	6	4	9
Marquette	20	-----	4	9	16
Mason	20	-----	8	4	11
Mecosta	20	-----	4	6	11
Menominee	20	-----	0	3	3
Midland	40	48.3	15	8	25
Missaukee	20	-----	1	5	3
Monroe	60	41.1	28	12	61
Montcalm	30	49.0	11	11	19
Montmorency	20	-----	0	0	1
Muskegon	120	70.5	35	45	80
Newaygo	20	-----	8	5	22
Oakland	1,610	134.8	465	536	1,114
Oceana	20	-----	4	4	9
Ogemaw	20	-----	1	1	3
Ontonagon	20	-----	0	0	0
Osceola	20	-----	3	1	8
Oscoda	20	-----	0	1	2
Otsego	20	-----	5	2	8
Ottawa	90	37.8	38	24	92
Presque Isle	20	-----	0	0	2
Roscommon	20	-----	6	3	13
Saginaw	200	95.2	59	68	151
Sanilac	20	-----	5	4	11
Schoolcraft	20	-----	1	1	3
Shiawassee	30	-----	10	6	17
St. Clair	90	54.8	26	36	68
St. Joseph	40	55.8	13	10	34
Tuscola	20	-----	5	5	12
Van Buren	70	91.8	25	23	46
Washtenaw	500	154.8	154	151	348
Wayne	1,540	74.7	496	445	1,184
City of Detroit	6,960	731.7	2,068	2,193	5,651
Wexford	20	-----	2	5	4
PRISONS ⁴	700	N/A	203	474	461
UNKNOWN	20	N/A	4	3	5

1. This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed. The minimum estimate given is 20 persons (0.1 percent of the Michigan total rounded up to nearest 10).
2. Rates are calculated per 100,000 population in 2000. Rates are unreliable for counties with the minimum estimated prevalence of 20, 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	2,405 74%	2,016 47%	125 45%	54 37%	4,600	58%
Injecting Drug Use	171 5%	768 18%	55 20%	6 4%	1,000	13%
Male-Male Sex/IDU	208 6%	318 7%	14 5%	6 4%	546	7%
Blood Recipient	83 3%	24 1%	0 0%	2 1%	109	1%
Heterosexual	78 2%	266 6%	29 10%	5 3%	378	5%
Perinatal	10 0%	53 1%	2 1%	0 0%	65	1%
Undetermined/Other	296 9%	826 19%	52 19%	74 50%	1,248	16%
MALE TOTAL	3,251 (41%)	4,271 (54%)	277 (3%)	147 (2%)	7,946	100%
FEMALES:	White	Black	Hispanic	Other or Unknown	TOTAL	
Injecting Drug Use	124 24%	514 30%	16 19%	7 15%	661	28%
Blood Recipient	12 2%	7 0%	0 0%	0 0%	19	1%
Heterosexual	255 50%	641 37%	49 58%	14 30%	959	41%
Perinatal	11 2%	45 3%	5 6%	1 2%	62	3%
Undetermined/Other	106 21%	504 29%	15 18%	24 52%	649	28%
FEMALE TOTAL	508 (22%)	1,711 (73%)	85 (4%)	46 (2%)	2350	100%
GRAND TOTAL	3,759 37%	5,982 58%	362 4%	193 2%	10,296	100%

TECHNICAL NOTES

HIV Prevalence Estimates for Michigan

MDCH estimates that there are up to 15,500 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 rates 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. All estimates are rounded to the nearest ten.
2. Rates are calculated per 100,000 population in 2000.
3. Includes only reports that contain patient name or are otherwise unduplicated. The categories of persons living w/ AIDS and persons living with HIV not AIDS are mutually exclusive.
4. Race/ethnicity and behavior percentages are calculated excluding missing data. The percentages of total cases with this information missing 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. The "Other" category includes persons with exposure in the health care setting in the U.S. (n=3) and other countries (n= 1) and pediatric cases with probable sexual mode of transmission (n=2).