

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

	Estimate of HIV Prevalence <sup>1</sup>	Estimated Prevalence Rate <sup>2</sup>	Reported Living with AIDS <sup>3</sup>		Reported Living with HIV not AIDS <sup>3</sup>	
			Number	Percent <sup>4</sup>	Number	Percent <sup>4</sup>
<b>MICHIGAN TOTAL</b>	<b>15,500</b>	156	5,126	100%	5,479	100%
<b>SEX</b>						
Male	<b>11,980</b>	246	4,108	80%	4,089	75%
Female	<b>3,520</b>	70	1,018	20%	1,390	25%
<b>BEHAVIOR</b>						
Male-Male Sex	<b>8,300</b>	N/A	2453	55%	2211	51%
Injecting Drug Use <sup>5</sup>	<b>3,350</b>	N/A	997	23%	884	21%
<i>IDU w/ heterosexual</i>	1,440	N/A	420	10%	388	9%
<i>IDU w/o heterosexual</i>	1,910	N/A	577	13%	496	12%
Male-Male Sex/IDU	<b>1,010</b>	N/A	289	7%	281	7%
Blood Products	<b>250</b>	N/A	86	2%	52	1%
Heterosexual <sup>6</sup>	<b>2,370</b>	N/A	564	13%	770	18%
<i>Partner IDU</i>	800	N/A	192	4%	255	6%
<i>Partner Bisexual</i>	120	N/A	29	1%	39	1%
<i>Partner Rec'd Bld</i>	60	N/A	14	0%	18	0%
<i>Partner HIV +</i>	1,400	N/A	329	7%	458	11%
Perinatal	<b>230</b>	N/A	32	1%	96	2%
Undetermined/Other <sup>4,7</sup>	Not Applicable		705	(14%)	1185	(27%)
<b>AGE AT DIAGNOSIS</b>						
0 -12 years	<b>210</b>	11	34	1%	109	2%
13 -19 years	<b>310</b>	31	43	1%	172	3%
20 -24 years	<b>1,350</b>	210	221	4%	702	13%
25 -29 years	<b>2,410</b>	368	608	12%	1041	19%
30 -34 years	<b>3,250</b>	459	1110	22%	1113	20%
35 -39 years	<b>3,110</b>	394	1105	22%	1020	19%
40 -44 years	<b>2,310</b>	285	937	18%	641	12%
45 -49 years	<b>1,340</b>	182	553	11%	361	7%
50 -54 years	<b>700</b>	111	304	6%	176	3%
55 -59 years	<b>290</b>	60	115	2%	81	1%
60 -64 years	<b>140</b>	42	59	1%	37	1%
65 years and over	<b>90</b>	13	37	1%	26	0%
<b>RACE / ETHNICITY</b>						
White, Non-Hisp.	<b>5,710</b>	72	2,001	39%	1,859	35%
Black, Non-Hisp.	<b>9,150</b>	644	2,897	57%	3,284	61%
Hispanic	<b>540</b>	167	198	4%	168	3%
Asian/Pacific Islander	<b>40</b>	90	17	0%	12	0%
American Indian/ Alaska Native	<b>60</b>	300	11	0%	27	1%
Unspecified/Other <sup>4</sup>	Not Applicable		2	(0%)	129	(2%)

\* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 4/1/02  
 and Residents Ever Diagnosed with AIDS, 1981 to Present**

Residence at Time of Diagnosis	Estimate of HIV Prevalence <sup>1</sup>	Estimated Prevalence Rate <sup>2</sup>	Persons Living with AIDS <sup>3</sup>	Persons Living with HIV not AIDS <sup>3</sup>	Persons Ever Diagnosed with AIDS
<b>Total Michigan</b>	<b>15,500</b>	<b>156.0</b>	<b>5,126</b>	<b>5,479</b>	<b>12,069</b>
Alcona	20	----	1	0	3
Alger	20	----	1	0	1
Allegan	100	94.6	40	20	75
Alpena	20	----	2	3	8
Antrim	20	----	2	1	6
Arenac	20	----	0	3	2
Baraga	20	----	5	2	8
Barry	20	----	9	6	21
Bay	80	72.6	21	27	52
Benzie	20	----	0	1	2
Berrien	240	147.7	77	84	155
Branch	20	----	2	7	12
Calhoun	150	108.7	40	55	92
Cass	30	58.7	7	12	15
Charlevoix	20	----	3	5	5
Cheboygan	20	----	1	0	4
Chippewa	20	----	3	7	4
Clare	20	----	4	6	7
Clinton	30	46.3	13	6	24
Crawford	20	----	2	0	3
Delta	20	----	5	7	6
Dickinson	20	----	3	2	5
Eaton	40	38.6	12	15	29
Emmet	20	----	3	4	7
Genesee	580	133.0	160	213	375
Gladwin	20	----	2	2	3
Gogebic	20	----	2	2	7
Grand Traverse	60	77.3	15	24	32
Gratiot	20	----	2	2	8
Hillsdale	20	----	3	6	13
Houghton	20	----	4	3	8
Huron	20	----	2	0	8
Ingham	450	161.1	131	164	322
Ionia	20	----	8	5	18
Iosco	20	----	1	2	2
Iron	20	----	0	1	2
Isabella	20	----	5	5	16
Jackson	130	82.1	39	46	89
Kalamazoo	320	134.1	111	93	226
Kalkaska	20	----	1	3	4
Kent	750	130.6	233	239	575
Keweenaw	20	----	0	0	0
Lake	20	----	5	3	8
Lapeer	20	----	4	8	13
Leelanau	20	----	5	0	13
Lenawee	60	60.7	18	17	37
Livingston	40	25.5	12	11	30
Luce	20	----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 4/1/02  
 and Residents Ever Diagnosed with AIDS, 1981 to Present**

Residence at Time of Diagnosis	Estimate of HIV Prevalence <sup>1</sup>	Estimated Prevalence Rate <sup>2</sup>	Persons Living with AIDS <sup>3</sup>	Persons Living with HIV not AIDS <sup>3</sup>	Persons Ever Diagnosed with AIDS
<b>Total Michigan</b>	<b>15,500</b>	<b>156.0</b>	<b>5,126</b>	<b>5,479</b>	<b>12,069</b>
Mackinac	20	-----	1	0	2
Macomb	570	72.3	194	171	457
Manistee	20	-----	6	5	9
Marquette	20	-----	4	9	16
Mason	20	-----	9	5	11
Mecosta	20	-----	5	6	11
Menominee	20	-----	0	3	3
Midland	40	48.3	14	9	24
Missaukee	20	-----	1	5	3
Monroe	60	41.1	25	12	57
Montcalm	30	49.0	10	9	18
Montmorency	20	-----	0	1	1
Muskegon	120	70.5	35	43	79
Newaygo	20	-----	9	6	22
Oakland	1,610	134.8	503	532	1,084
Oceana	20	-----	4	3	9
Ogemaw	20	-----	1	1	3
Ontonagon	20	-----	0	0	0
Osceola	20	-----	3	0	7
Oscoda	20	-----	0	1	2
Otsego	20	-----	5	3	8
Ottawa	90	37.8	36	24	88
Presque Isle	20	-----	0	0	2
Roscommon	20	-----	7	3	13
Saginaw	200	95.2	58	71	145
Sanilac	20	-----	3	5	9
Schoolcraft	20	-----	1	1	3
Shiawassee	30	-----	11	7	17
St. Clair	90	54.8	28	36	67
St. Joseph	40	55.8	15	10	34
Tuscola	20	-----	5	6	12
Van Buren	70	91.8	24	23	45
Washtenaw	500	154.8	161	151	343
Wayne	1,540	74.7	522	456	1,153
City of Detroit	6,960	731.7	2,196	2,243	5,499
Wexford	20	-----	3	4	4
PRISONS <sup>4</sup>	700	N/A	206	491	451
UNKNOWN	20	N/A	2	2	2

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**

<b>MALES:</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>TOTAL</b>
Male-Male Sex	2,451 73%	2,037 46%	125 44%	51 35%	4,664 57%
Injecting Drug Use	191 6%	881 20%	58 21%	8 5%	1,138 14%
Male-Male Sex/IDU	214 6%	337 8%	14 5%	5 3%	570 7%
Blood Recipient	90 3%	26 1%	1 0%	2 1%	119 1%
Heterosexual	82 2%	266 6%	30 11%	4 3%	382 5%
Perinatal	10 0%	54 1%	2 1%	0 0%	66 1%
Undetermined/Other	312 9%	818 19%	51 18%	77 52%	1,258 15%
<b>MALE TOTAL</b>	<b>3,350 (41%)</b>	<b>4,419 (54%)</b>	<b>281 (3%)</b>	<b>147 (2%)</b>	<b>8,197 100%</b>
<b>FEMALES:</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>TOTAL</b>
Injecting Drug Use	129 25%	588 33%	18 21%	8 16%	743 31%
Blood Recipient	13 3%	6 0%	0 0%	0 0%	19 1%
Heterosexual	258 51%	632 36%	47 55%	15 29%	952 40%
Perinatal	10 2%	46 3%	5 6%	1 2%	62 3%
Undetermined/Other	100 20%	490 28%	15 18%	27 53%	632 26%
<b>FEMALE TOTAL</b>	<b>510 (21%)</b>	<b>1,762 (73%)</b>	<b>85 (4%)</b>	<b>51 (2%)</b>	<b>2408 100%</b>
<b>GRAND TOTAL</b>	<b>3,860 36%</b>	<b>6,181 58%</b>	<b>366 3%</b>	<b>198 2%</b>	<b>10,605 100%</b>

### 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=2) and other countries (n= 1) and pediatric cases with probable sexual mode of transmission (n=2).