

\* 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>16,200</b>	163	5,513	100%	5,778	100%
<b>SEX</b>						
Male	12,520	257	4,399	80%	4,328	75%
Female	3,680	73	1,114	20%	1,450	25%
<b>BEHAVIOR</b>						
Male-Male Sex	7,490	N/A	2,745	58%	2,476	54%
Injecting Drug Use <sup>5</sup>	2,420	N/A	897	19%	788	17%
<i>IDU w/ heterosexual</i>	1,140	N/A	425	9%	372	8%
<i>IDU w/o heterosexual</i>	1,270	N/A	472	10%	416	9%
Male-Male Sex/IDU	830	N/A	291	6%	285	6%
Blood Products	180	N/A	77	2%	50	1%
Heterosexual <sup>6</sup>	2,250	N/A	706	15%	859	19%
<i>Partner IDU</i>	690	N/A	216	5%	265	6%
<i>Partner Bisexual</i>	110	N/A	34	1%	44	1%
<i>Partner Rec'd Bld</i>	50	N/A	16	0%	22	0%
<i>Partner HIV +</i>	1,390	N/A	440	9%	528	12%
Perinatal	200	N/A	35	1%	103	2%
Undetermined/Other <sup>4</sup>	Not Applicable	N/A	762	(14%)	1,217	(21%)
<i>Presumed Heterosexual<sup>7</sup></i>	Not Applicable	N/A	613	(11%)	822	(14%)
<i>Other<sup>8</sup></i>	Not Applicable	N/A	149	(3%)	395	(7%)
<b>AGE AT DIAGNOSIS</b>						
0 -12 years	220	12	35	1%	118	2%
13 -19 years	360	36	51	1%	200	3%
20 -24 years	1,460	227	255	5%	764	13%
25 -29 years	2,510	383	666	12%	1,085	19%
30 -34 years	3,290	465	1,144	21%	1,146	20%
35 -39 years	3,270	415	1,230	22%	1,052	18%
40 -44 years	2,360	291	964	17%	682	12%
45 -49 years	1,380	188	589	11%	370	6%
50 -54 years	780	123	340	6%	207	4%
55 -59 years	340	70	138	3%	96	2%
60 -64 years	140	37	64	1%	37	1%
65 years and over	80	7	37	1%	21	0%
<b>RACE / ETHNICITY</b>						
White, Non-Hisp.	5,920	76	2,108	38%	2,015	36%
Black, Non-Hisp.	9,360	668	3,134	57%	3,387	60%
Hispanic	600	185	226	4%	189	3%
Asian	60	34	26	0%	17	0%
American Indian	50	94	13	0%	24	0%
Unspecified/Other <sup>4</sup>	Not Applicable	N/A	6	(0%)	146	(3%)

\* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 4/1/04  
 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>16,200</b>	<b>163.0</b>	<b>5,513</b>	<b>5,778</b>	<b>13,415</b>
Alcona	10	-----	0	0	3
Alger	10	-----	1	0	1
Allegan	100	94.6	42	24	81
Alpena	10	-----	1	1	8
Antrim	10	-----	4	1	8
Arenac	10	-----	0	2	3
Baraga	10	-----	4	3	8
Barry	30	52.9	12	7	24
Bay	70	63.5	20	28	53
Benzie	10	-----	0	1	2
Berrien	280	172.4	94	90	185
Branch	20	43.7	1	11	13
Calhoun	150	108.7	47	52	105
Cass	40	78.3	10	17	19
Charlevoix	10	-----	3	6	5
Cheboygan	10	-----	2	0	5
Chippewa	10	25.9	2	6	4
Clare	20	64.0	4	6	9
Clinton	40	61.8	17	12	29
Crawford	10	-----	2	0	4
Delta	20	51.9	6	6	7
Dickinson	10	-----	2	2	5
Eaton	40	38.6	14	15	32
Emmet	10	-----	3	3	7
Genesee	620	142.2	176	229	427
Gladwin	10	-----	3	1	5
Gogebic	10	-----	0	3	7
Grand Traverse	60	77.3	16	23	34
Gratiot	10	-----	2	2	8
Hillsdale	10	-----	3	6	16
Houghton	10	-----	4	3	8
Huron	10	-----	2	0	8
Ingham	460	164.7	126	174	338
Ionia	20	32.5	10	4	19
Iosco	10	-----	1	2	2
Iron	10	-----	0	1	2
Isabella	20	31.6	7	4	19
Jackson	150	94.7	44	56	102
Kalamazoo	340	142.5	109	111	237
Kalkaska	10	-----	1	3	4
Kent	850	148.0	279	275	638
Keweenaw	10	-----	0	0	0
Lake	10	-----	6	3	10
Lapeer	30	34.1	5	12	14
Leelanau	10	-----	4	0	14
Lenawee	60	60.7	19	21	41
Livingston	40	25.5	14	14	34
Luce	10	-----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 4/1/04  
 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>16,200</b>	<b>163.0</b>	<b>5,513</b>	<b>5,778</b>	<b>13,415</b>
Mackinac	10	-----	1	0	2
Macomb	600	76.1	198	194	499
Manistee	20	81.5	7	4	10
Marquette	30	46.4	6	13	19
Mason	20	70.7	8	4	11
Mecosta	20	49.3	4	8	12
Menominee	10	-----	0	4	3
Midland	40	48.3	15	8	26
Missaukee	10	-----	1	4	3
Monroe	60	41.1	26	16	64
Montcalm	30	49.0	8	10	21
Montmorency	10	-----	2	0	3
Muskegon	150	88.1	40	55	89
Newaygo	20	41.8	8	5	22
Oakland	1,760	147.4	569	586	1,246
Oceana	10	-----	3	4	9
Ogemaw	10	-----	1	1	3
Ontonagon	10	-----	0	1	0
Osceola	10	-----	2	2	8
Oscoda	10	-----	0	1	2
Otsego	10	-----	5	2	8
Ottawa	110	46.2	41	28	98
Presque Isle	10	-----	0	0	2
Roscommon	10	-----	6	3	13
Saginaw	200	95.2	62	67	161
Sanilac	20	44.9	5	5	12
Schoolcraft	10	-----	1	1	3
Shiawassee	30	41.8	11	6	19
St. Clair	100	60.9	28	39	75
St. Joseph	40	64.1	15	10	36
Tuscola	20	34.3	5	5	13
Van Buren	80	104.9	25	25	48
Washtenaw	530	164.1	174	174	371
Wayne	1,590	143.3	559	483	1,281
City of Detroit	7,070	743.2	2,328	2,296	6,102
Wexford	10	-----	2	6	4
PRISONS <sup>4</sup>	690	N/A	225	464	508
UNKNOWN	10	N/A	0	4	1

1. This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10.
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**

<b>MALES:</b>	<b>White</b>		<b>Black</b>		<b>Hispanic</b>		<b>Other or Unknown</b>		<b>TOTAL</b>	
Male-Male Sex	2,700	75%	2,303	49%	152	47%	66	39%	5,221	60%
Injecting Drug Use	175	5%	773	17%	58	18%	8	5%	1,014	12%
Male-Male Sex/IDU	223	6%	332	7%	14	4%	7	4%	576	7%
Blood Recipient	80	2%	23	0%	1	0%	2	1%	106	1%
Heterosexual	89	2%	325	7%	34	11%	6	4%	454	5%
Perinatal	12	0%	57	1%	2	1%	2	1%	73	1%
Undetermined/Other	302	8%	841	18%	60	19%	80	47%	1,283	15%
<i>Presumed Heterosexual</i>	190	5%	609	13%	49	15%	24	14%	872	10%
<i>Other</i>	112	3%	232	5%	11	3%	56	33%	411	5%
<b>MALE TOTAL</b>	<b>3,581</b>	<b>(41%)</b>	<b>4,654</b>	<b>(53%)</b>	<b>321</b>	<b>(4%)</b>	<b>171</b>	<b>(2%)</b>	<b>8,727</b>	<b>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	123	23%	525	28%	16	17%	7	11%	671	26%
Blood Recipient	11	2%	10	1%	0	0%	0	0%	21	1%
Heterosexual	283	52%	754	40%	54	57%	20	33%	1111	43%
Perinatal	12	2%	47	3%	5	5%	1	2%	65	3%
Undetermined/Other	113	21%	531	28%	19	20%	33	54%	696	27%
<i>Presumed Heterosexual</i>	96	18%	436	23%	17	18%	14	23%	563	22%
<i>Other</i>	17	3%	95	5%	2	2%	19	31%	133	5%
<b>FEMALE TOTAL</b>	<b>542</b>	<b>(21%)</b>	<b>1,867</b>	<b>(73%)</b>	<b>94</b>	<b>(4%)</b>	<b>61</b>	<b>(2%)</b>	<b>2564</b>	<b>100%</b>
<b>GRAND TOTAL</b>	<b>4,123</b>	<b>37%</b>	<b>6,521</b>	<b>58%</b>	<b>415</b>	<b>4%</b>	<b>232</b>	<b>2%</b>	<b>11,291</b>	<b>100%</b>

### 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).