

**TABLE 1: Characteristics of Michigan Residents Living with HIV or AIDS  
 as of October 1, 2001**

	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>13,500</b>	145	4,928	100%	5,345	100%
<b>GENDER</b>						
Male	<b>10,400</b>	230	3,967	80%	3,970	74%
Female	<b>3,110</b>	65	961	20%	1,375	26%
<b>BEHAVIOR</b>						
Male-Male Sex	<b>7,160</b>	N/A	2366	55%	2129	51%
Injecting Drug Use	<b>2,970</b>	N/A	966	23%	903	21%
Male-Male Sex/IDU	<b>810</b>	N/A	277	6%	273	6%
Blood Products	<b>270</b>	N/A	85	2%	52	1%
Heterosexual	<b>2,030</b>	N/A	545	13%	759	18%
Perinatal	<b>140</b>	N/A	32	1%	89	2%
Undetermined <sup>4,5</sup>	Not Applicable		657	(13%)	1140	(21%)
<b>AGE AT DIAGNOSIS</b>						
0 -12 years	<b>140</b>	8	34	1%	102	2%
13 -19 years	<b>270</b>	28	40	1%	174	3%
20 -24 years	<b>1,220</b>	173	208	4%	682	13%
25 -29 years	<b>2,160</b>	283	578	12%	1017	19%
30 -34 years	<b>2,840</b>	350	1080	22%	1103	21%
35 -39 years	<b>2,700</b>	360	1069	22%	983	18%
40 -44 years	<b>2,030</b>	309	914	19%	622	12%
45 -49 years	<b>1,220</b>	233	525	11%	354	7%
50 -54 years	<b>540</b>	127	279	6%	171	3%
55 -59 years	<b>270</b>	69	113	2%	77	1%
60 -64 years	<b>140</b>	35	51	1%	34	1%
65 years and over	<b>140</b>	13	37	1%	26	0%
Unspecified <sup>4</sup>	Not Applicable		0	(0%)	0	(0%)
<b>RACE / ETHNICITY</b>						
White, Non-Hisp.	<b>5,000</b>	66	1,948	40%	1,803	35%
Black, Non-Hisp.	<b>7,830</b>	606	2,767	56%	3,221	62%
Hispanic	<b>410</b>	203	184	4%	163	3%
Asian	<b>130</b>	124	17	0%	10	0%
American Indian	<b>130</b>	234	10	0%	28	1%
Unspecified <sup>4</sup>	Not Applicable		2	(0%)	120	(2%)

1. This estimate includes all persons living in Michigan at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. The minimum estimate given is 140 persons (which is one percent of the state total).
2. Rates are calculated per 100,000 population in 1990.
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.

**TABLE 2a: Michigan Residents Living with HIV or AIDS by County, as of 10/1/01 and Residents Ever Diagnosed with AIDS, 1981 to Date**

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>13,500</b>	<b>145.2</b>	<b>4,928</b>	<b>5,345</b>	<b>11,736</b>
Alcona	20	----	1	0	3
Alger	20	----	1	0	1
Allegan	90	99.4	42	20	75
Alpena	20	----	2	3	8
Antrim	20	----	2	1	6
Arenac	20	----	0	3	2
Baraga	20	----	5	2	8
Barry	20	----	8	5	20
Bay	70	62.7	22	28	51
Benzie	20	----	0	1	2
Berrien	210	130.1	68	79	144
Branch	20	----	2	7	12
Calhoun	130	95.6	39	53	90
Cass	30	60.6	7	12	15
Charlevoix	20	----	3	5	5
Cheboygan	20	----	1	0	4
Chippewa	20	----	3	7	4
Clare	20	----	4	5	7
Clinton	30	51.8	13	6	24
Crawford	20	----	2	0	2
Delta	20	----	5	8	6
Dickinson	20	----	3	2	5
Eaton	40	43.1	12	14	29
Emmet	20	----	3	3	7
Genesee	520	120.8	160	208	371
Gladwin	20	----	2	2	3
Gogebic	20	----	2	2	7
Grand Traverse	50	77.8	14	23	31
Gratiot	20	----	2	3	8
Hillsdale	20	----	2	5	12
Houghton	20	----	4	3	8
Huron	20	----	2	0	8
Ingham	410	145.4	126	162	314
Ionia	20	----	8	5	18
Iosco	20	----	1	2	2
Iron	20	----	0	1	2
Isabella	20	----	4	5	14
Jackson	110	73.5	38	39	87
Kalamazoo	290	129.8	111	93	225
Kalkaska	20	----	1	2	4
Kent	650	129.8	232	230	564
Keweenaw	20	----	0	0	0

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 1990. Rates are unreliable for counties with the minimum estimated prevalence of 20, and are therefore not listed.
3. Includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.

**TABLE 2b: Michigan Residents Living with HIV or AIDS by County, as of 10/1/01  
 and Residents Ever Diagnosed with AIDS, 1981 to Date**

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>13,500</b>	<b>145.2</b>	<b>4,928</b>	<b>5,345</b>	<b>11,736</b>
Lake	20	-----	5	3	8
Lapeer	20	-----	4	8	13
Leelanau	20	-----	5	0	12
Lenawee	50	54.7	18	18	37
Livingston	30	25.9	12	10	30
Luce	20	-----	0	0	1
Mackinac	20	-----	1	0	2
Macomb	490	68.3	187	162	446
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	30	39.7	14	8	24
Missaukee	20	-----	1	5	3
Monroe	50	37.4	24	10	55
Montcalm	30	56.5	10	9	18
Montmorency	20	-----	0	1	1
Muskegon	100	62.9	32	41	75
Newaygo	20	-----	8	6	20
Oakland	1,410	130.1	475	523	1,053
Oceana	20	-----	4	3	9
Ogemaw	20	-----	1	1	3
Ontonagon	20	-----	0	0	0
Osceola	20	-----	3	0	7
Oscoda	20	-----	0	1	1
Otsego	20	-----	4	3	7
Ottawa	70	37.3	31	22	82
Presque Isle	20	-----	0	0	2
Roscommon	20	-----	7	3	13
Saginaw	170	80.2	53	71	140
Sanilac	20	-----	3	5	9
Schoolcraft	20	-----	1	1	3
Shiawassee	30	-----	11	7	17
St. Clair	80	54.9	20	35	58
St. Joseph	30	50.9	14	10	33
Tuscola	20	-----	4	6	11
Van Buren	60	85.6	23	23	44
Washtenaw	430	152.0	160	146	339
Wayne	1,340	123.6	508	439	1,122
City of Detroit	6,050	588.5	2,104	2,185	5,340
Wexford	20	-----	3	2	4
<b>PRISONS</b>	<b>700</b>	<b>N/A</b>	<b>197</b>	<b>500</b>	<b>436</b>

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 1990. Rates are unreliable for counties with the minimum estimated prevalence of 20, and are therefore not listed.
3. Includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.

**Table 3: Michigan Residents Reported Living with HIV or AIDS: Gender 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	2,377 73%	1,950 46%	115 43%	53 38%	4,495 57%
Injecting Drug Use	190 6%	887 21%	57 21%	8 6%	1,142 14%
Male-Male Sex/IDU	204 6%	326 8%	15 6%	5 4%	550 7%
Blood Recipient	91 3%	25 1%	1 0%	2 1%	119 1%
Heterosexual	83 3%	264 6%	29 11%	4 3%	380 5%
Perinatal	10 0%	50 1%	2 1%	0 0%	62 1%
Undetermined	297 9%	779 18%	47 18%	66 48%	1,189 15%
<b>MALE TOTAL</b>	<b>3,252 (41%)</b>	<b>4,281 (54%)</b>	<b>266 (3%)</b>	<b>138 (2%)</b>	<b>7,937 100%</b>
<b>FEMALES:</b>	<b>White</b>	<b>Black</b>	<b>Hispanic</b>	<b>Other or Unknown</b>	<b>TOTAL</b>
Injecting Drug Use	125 25%	576 34%	18 22%	8 16%	727 31%
Blood Recipient	12 2%	6 0%	0 0%	0 0%	18 1%
Heterosexual	255 51%	611 36%	45 56%	13 27%	924 40%
Perinatal	10 2%	43 3%	5 6%	1 2%	59 3%
Undetermined	97 19%	471 28%	13 16%	27 55%	608 26%
<b>FEMALE TOTAL</b>	<b>499 (21%)</b>	<b>1,707 (73%)</b>	<b>81 (3%)</b>	<b>49 (2%)</b>	<b>2,336 100%</b>
<b>GRAND TOTAL</b>	<b>3,751 37%</b>	<b>5,988 58%</b>	<b>347 3%</b>	<b>187 2%</b>	<b>10,273 100%</b>

### TECHNICAL NOTES

Reports of HIV infection and AIDS are submitted to state and local health departments under Michigan law by providers making the diagnoses. Confidential case reports have been actively solicited for AIDS since 1986 and for HIV infection since April 1992. HIV reports passively collected between April 1989 and March 1992 are also included in these calculations. Anonymous HIV reports (without name or other unique identifier) are excluded from the calculations because we cannot estimate duplication, update status, or obtain missing data. A total of 1204 complete anonymous reports are currently in our database.

#### TABLES 1, 2, AND 3: HIV and AIDS Among Michigan Residents

The tables describe Michigan residents living with HIV infection or AIDS, by sex, mode of transmission, age, race, and residence. The estimate of the total number of HIV-infected persons is shown in column 2. The number of persons reported living with AIDS, and living with HIV infection, are given last.

#### Tables 1 and 2: HIV Prevalence Estimates for Michigan

MDCH estimates that there are up to 13,500 HIV-infected persons (including those with AIDS) living in Michigan. This estimate is based in part on statewide maternal antibody seroprevalence survey data. It is supported by national estimates of HIV infection and rates of new AIDS diagnoses and deaths.

Categorical estimates of HIV infection are calculated from the distribution of reported cases among each group of confidentially reported persons living with HIV or AIDS. The proportion of total cases is multiplied by 13,500. For example, 77 percent of combined HIV and AIDS reports are among men. Therefore, the number of HIV-infected men in Michigan is estimated to be 10,400 (77% X 13,500). Since the estimates are rounded to the nearest 10, totals may not equal 13,500. If a given demographic group accounts for 1 percent or fewer of total reports, the estimate is rounded to 140. If the number of confidential HIV/AIDS reports from any county is 0.1 percent or fewer of total reports, the estimate is rounded to 20.