

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

	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	13,500	145	4,802	100%	5,155	100%
GENDER						
Male	10,400	230	3,878	81%	3,836	74%
Female	3,110	65	924	19%	1,319	26%
BEHAVIOR						
Male-Male Sex	7,160	N/A	2,306	55%	2,070	51%
Injecting Drug Use	3,110	N/A	988	23%	879	22%
Male-Male Sex/IDU	810	N/A	275	7%	259	6%
Blood Products	270	N/A	87	2%	50	1%
Heterosexual	2,030	N/A	522	12%	740	18%
Perinatal	140	N/A	31	1%	86	2%
Undetermined ^{4,5}	Not Applicable		593	(12%)	1,071	(21%)
AGE AT DIAGNOSIS						
0 -12 years	140	8	34	1%	98	2%
13 -19 years	270	28	41	1%	165	3%
20 -24 years	1,220	173	205	4%	657	13%
25 -29 years	2,160	283	561	12%	1,005	19%
30 -34 years	2,840	350	1,050	22%	1,075	21%
35 -39 years	2,700	360	1,042	22%	940	18%
40 -44 years	2,030	309	882	18%	588	11%
45 -49 years	1,220	233	517	11%	335	6%
50 -54 years	540	127	274	6%	165	3%
55 -59 years	270	69	106	2%	72	1%
60 -64 years	140	35	55	1%	30	1%
65 years and over	140	13	35	1%	25	0%
Unspecified ⁴	Not Applicable		0	(0%)	0	(0%)
RACE / ETHNICITY						
White, Non-Hisp.	5,000	66	1,922	40%	1,750	35%
Black, Non-Hisp.	7,830	606	2,678	56%	3,106	62%
Hispanic	410	203	177	4%	154	3%
Asian	140	133	14	0%	9	0%
American Indian	140	252	10	0%	26	1%
Unspecified ⁴	Not Applicable		1	(0%)	110	(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 1 percent of the state total). See page 4 for explanation of this estimate.
2. Rates are calculated per 100,000 population in 1990.
3. Includes reports that contain patient name or are otherwise unduplicated. See page 4 for information on anonymous reports.
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. Includes persons with exposure in the health care setting in the U.S. (1) or other countries (2), and pediatric cases with probable sexual mode of transmission (3).

**TABLE 2a: Michigan Residents Living with HIV or AIDS by County, as of 4/1/01
 and Residents Ever Diagnosed with AIDS, 1981 to Date**

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	13,500	145.2	4,802	5,155	11,422
Alcona	20	----	1	0	3
Alger	20	----	1	0	1
Allegan	80	88.4	40	18	71
Alpena	20	----	2	2	8
Antrim	20	----	2	1	6
Arenac	20	----	0	3	2
Baraga	20	----	5	2	8
Barry	20	----	10	5	20
Bay	70	62.7	22	26	51
Benzie	20	----	0	1	2
Berrien	200	123.9	63	75	137
Branch	20	----	2	7	12
Calhoun	140	103.0	42	53	88
Cass	30	60.6	7	12	15
Charlevoix	20	----	3	5	5
Cheboygan	20	----	1	0	4
Chippewa	20	----	3	7	4
Clare	20	----	5	5	7
Clinton	30	51.8	13	6	24
Crawford	20	----	2	0	2
Delta	20	----	5	6	6
Dickinson	20	----	3	2	5
Eaton	30	32.3	12	12	29
Emmet	20	----	3	3	7
Genesee	510	118.5	155	196	361
Gladwin	20	----	3	2	3
Gogebic	20	----	2	1	7
Grand Traverse	50	77.8	13	22	30
Gratiot	20	----	2	3	8
Hillsdale	20	----	3	5	12
Houghton	20	----	3	3	7
Huron	20	----	3	0	8
Ingham	410	145.4	123	159	305
Ionia	20	----	8	6	18
Iosco	20	----	1	2	2
Iron	20	----	0	1	2
Isabella	20	----	5	5	14
Jackson	110	73.5	37	37	85
Kalamazoo	290	129.8	110	89	219
Kalkaska	20	----	1	1	4
Kent	650	129.8	224	225	550
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). See page 4 for calculation of this estimate.
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 4/1/01
 and Residents Ever Diagnosed with AIDS, 1981 to Date**

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	13,500	145.2	4,802	5,155	11,422
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	470	65.5	175	150	430
Manistee	20	----	6	5	9
Marquette	20	----	5	8	16
Mason	20	----	9	5	11
Mecosta	20	----	5	5	11
Menominee	20	----	0	3	3
Midland	30	39.7	14	8	24
Missaukee	20	----	1	5	3
Monroe	50	37.4	23	8	54
Montcalm	30	56.5	10	9	18
Montmorency	20	----	0	1	1
Muskegon	100	62.9	30	41	73
Newaygo	20	----	8	6	21
Oakland	1,410	130.1	463	509	1,026
Oceana	20	----	5	2	8
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	28	22	78
Presque Isle	20	----	0	0	2
Roscommon	20	----	6	4	11
Saginaw	190	89.6	57	71	139
Sanilac	20	----	4	5	9
Schoolcraft	20	----	1	1	3
Shiawassee	20	----	10	7	16
St. Clair	70	48.1	18	33	56
St. Joseph	30	50.9	14	10	33
Tuscola	20	----	4	6	11
Van Buren	70	99.9	24	23	44
Washtenaw	430	152.0	158	141	333
Wayne	1,310	120.9	486	414	1,090
City of Detroit	6,070	590.5	2,055	2,120	5,196
Wexford	20	----	3	2	4
PRISONS	670	N/A	187	479	416

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). See page 4 for calculation of this estimate.
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

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	2,332	73%	1,885	45%	111	43%	48	38%	4,376	57%
Injecting Drug Use	191	6%	883	21%	55	21%	7	6%	1,136	15%
Male-Male Sex/IDU	205	6%	308	7%	16	6%	5	4%	534	7%
Blood Recipient	93	3%	22	1%	1	0%	2	2%	118	2%
Heterosexual	83	3%	261	6%	28	11%	3	2%	375	5%
Perinatal	9	0%	49	1%	2	1%	0	0%	60	1%
Undetermined	271	9%	741	18%	43	17%	60	48%	1,115	14%
MALE TOTAL	3,184 (41%)		4,149 (54%)		256 (3%)		125 (2%)		7,714	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	125	26%	580	35%	19	25%	7	16%	731	33%
Blood Recipient	13	3%	6	0%	0	0%	0	0%	19	1%
Heterosexual	253	52%	581	36%	40	53%	13	29%	887	40%
Perinatal	10	2%	43	3%	3	4%	1	2%	57	3%
Undetermined	87	18%	425	26%	13	17%	24	53%	549	24%
FEMALE TOTAL	488 (22%)		1,635 (73%)		75 (3%)		45 (2%)		2,243	100%
GRAND TOTAL	3,672 37%		5,784 58%		331 3%		170 2%		9,957	100%

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 956 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.