

* 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	16,200	163	5,736	100%	5,930	100%
SEX						
Male	12,540	257	4,585	80%	4,447	75%
Female	3,660	72	1,151	20%	1,483	25%
BEHAVIOR						
Male-Male Sex	7,540	N/A	2,860	58%	2,569	55%
Injecting Drug Use ⁵	2,360	N/A	900	18%	798	17%
<i>IDU w/ heterosexual</i>	1,100	N/A	420	9%	375	8%
<i>IDU w/o heterosexual</i>	1,250	N/A	480	10%	423	9%
Male-Male Sex/IDU	820	N/A	305	6%	283	6%
Blood Products	170	N/A	79	2%	46	1%
Heterosexual ⁶	2,210	N/A	735	15%	857	18%
<i>Partner IDU</i>	680	N/A	229	5%	261	6%
<i>Partner Bisexual</i>	110	N/A	34	1%	48	1%
<i>Partner Rec'd Bld</i>	60	N/A	17	0%	23	0%
<i>Partner HIV +</i>	1,360	N/A	455	9%	525	11%
Perinatal	190	N/A	35	1%	103	2%
Undetermined/Other ⁴	Not Applicable	N/A	822	(14%)	1,274	(21%)
<i>Presumed Heterosexual⁷</i>	Not Applicable	N/A	657	(11%)	869	(15%)
<i>Other⁸</i>	Not Applicable	N/A	165	(3%)	405	(7%)
AGE AT DIAGNOSIS						
0 -12 years	210	11	35	1%	115	2%
13 -19 years	380	38	54	1%	218	4%
20 -24 years	1,470	228	271	5%	788	13%
25 -29 years	2,480	379	681	12%	1,106	19%
30 -34 years	3,250	459	1,175	20%	1,163	20%
35 -39 years	3,260	414	1,276	22%	1,071	18%
40 -44 years	2,380	293	1,007	18%	704	12%
45 -49 years	1,400	191	620	11%	389	7%
50 -54 years	790	125	352	6%	214	4%
55 -59 years	340	70	151	3%	96	2%
60 -64 years	160	42	72	1%	41	1%
65 years and over	90	7	42	1%	22	0%
Undetermined ⁴	Not Applicable	N/A	0	0%	3	0%
RACE / ETHNICITY						
White, Non-Hisp.	5,940	76	2,188	38%	2,088	36%
Black, Non-Hisp.	9,310	664	3,262	57%	3,441	60%
Hispanic	600	185	233	4%	201	3%
Asian	70	39	29	1%	20	0%
American Indian	50	94	13	0%	26	0%
Unspecified/Other/Multi-race ⁴	Not Applicable	N/A	11	(0%)	154	(3%)

* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 10/1/04
 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	16,200	163.0	5,736	5,930	13,760
Alcona	10	----	0	0	3
Alger	10	----	1	0	1
Allegan	110	104.1	43	29	82
Alpena	10	----	1	1	8
Antrim	10	----	5	2	9
Arenac	10	----	0	2	3
Baraga	10	----	4	3	8
Barry	30	52.9	12	8	24
Bay	70	63.5	19	30	53
Benzie	10	----	0	1	2
Berrien	290	178.5	97	97	190
Branch	20	43.7	1	11	13
Calhoun	160	116.0	49	57	110
Cass	40	78.3	10	17	19
Charlevoix	20	76.7	4	7	6
Cheboygan	10	----	3	0	6
Chippewa	20	51.9	3	8	5
Clare	10	----	4	6	9
Clinton	50	77.2	17	16	29
Crawford	10	----	2	0	4
Delta	20	51.9	6	6	7
Dickinson	10	----	2	2	5
Eaton	50	48.2	16	17	34
Emmet	10	----	4	3	8
Genesee	620	142.2	183	236	438
Gladwin	10	----	4	1	6
Gogebic	10	----	0	3	7
Grand Traverse	70	90.1	18	26	36
Gratiot	10	----	2	3	8
Hillsdale	10	----	4	6	17
Houghton	10	----	4	3	8
Huron	10	----	2	0	8
Ingham	480	171.8	136	185	349
Ionia	20	32.5	10	3	21
Iosco	10	----	1	2	2
Iron	10	----	0	1	2
Isabella	20	31.6	8	4	20
Jackson	160	101.0	48	59	106
Kalamazoo	340	142.5	114	118	243
Kalkaska	10	----	1	3	4
Kent	870	151.5	298	288	663
Keweenaw	10	----	0	0	0
Lake	10	----	7	3	11
Lapeer	30	34.1	5	13	14
Leelanau	10	----	4	0	14
Lenawee	60	60.7	20	21	42
Livingston	50	31.9	17	14	37
Luce	10	----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 10/1/04
 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	16,200	163.0	5,736	5,930	13,760
Mackinac	10	-----	1	0	2
Macomb	590	74.9	205	195	508
Manistee	20	81.5	8	4	11
Marquette	30	46.4	5	13	19
Mason	20	70.7	9	4	12
Mecosta	20	49.3	5	8	13
Menominee	10	-----	0	4	3
Midland	30	36.2	14	8	27
Missaukee	10	-----	1	4	3
Monroe	60	41.1	26	16	64
Montcalm	30	49.0	10	8	23
Montmorency	10	-----	2	0	3
Muskegon	140	82.3	39	56	90
Newaygo	20	41.8	8	5	22
Oakland	1,760	147.4	589	597	1,271
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	3	8
Ottawa	120	50.4	46	33	103
Presque Isle	10	-----	0	0	2
Roscommon	20	78.5	8	3	15
Saginaw	210	100.0	64	75	168
Sanilac	20	44.9	6	5	13
Schoolcraft	10	-----	1	1	3
Shiawassee	30	41.8	12	6	20
St. Clair	100	60.9	28	39	75
St. Joseph	40	64.1	15	10	36
Tuscola	10	-----	5	5	13
Van Buren	80	104.9	26	26	49
Washtenaw	530	164.1	176	184	375
Wayne	1,580	142.4	571	497	1,309
City of Detroit	6,970	732.7	2,399	2,301	6,237
Wexford	10	-----	2	6	4
PRISONS ⁴	740	N/A	254	486	540
UNKNOWN	10	N/A	1	4	2

1. This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed. The minimum estimate given is 10 persons .
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

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	2,813	76%	2,384	50%	161	48%	71	38%	5,429	60%
Injecting Drug Use	180	5%	777	16%	58	17%	11	6%	1,026	11%
Male-Male Sex/IDU	232	6%	333	7%	15	4%	8	4%	588	7%
Blood Recipient	79	2%	22	0%	1	0%	3	2%	105	1%
Heterosexual	88	2%	331	7%	34	10%	6	3%	459	5%
Perinatal	12	0%	57	1%	2	1%	2	1%	73	1%
Undetermined/Other	314	8%	883	18%	67	20%	88	47%	1,352	15%
<i>Presumed Heterosexual</i>	198	5%	644	13%	54	16%	28	15%	924	10%
<i>Other</i>	116	3%	239	5%	13	4%	60	32%	428	5%
MALE TOTAL	3,718	(41%)	4,787	(53%)	338	(4%)	189	(2%)	9,032	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	126	23%	522	27%	16	17%	8	13%	672	26%
Blood Recipient	11	2%	9	0%	0	0%	0	0%	20	1%
Heterosexual	288	52%	768	40%	57	59%	20	31%	1,133	43%
Perinatal	12	2%	47	2%	5	5%	1	2%	65	2%
Undetermined/Other	121	22%	570	30%	18	19%	35	55%	744	28%
<i>Presumed Heterosexual</i>	100	18%	470	25%	16	17%	16	25%	602	23%
<i>Other</i>	21	4%	100	5%	2	2%	19	30%	142	5%
FEMALE TOTAL	558	(21%)	1,916	(73%)	96	(4%)	64	(2%)	2,634	100%
GRAND TOTAL	4,276	37%	6,703	57%	434	4%	253	2%	11,666	100%

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).