

* 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	5,640	100%	5,866	100%
SEX						
Male	12,470	256	4,495	80%	4,362	74%
Female	3,730	74	1,145	20%	1,504	26%
BEHAVIOR						
Male-Male Sex	7,470	N/A	2,800	59%	2,506	56%
Injecting Drug Use ⁵	2,250	N/A	857	18%	740	16%
<i>IDU w/ heterosexual</i>	1,060	N/A	399	8%	352	8%
<i>IDU w/o heterosexual</i>	1,190	N/A	458	10%	388	9%
Male-Male Sex/IDU	780	N/A	285	6%	267	6%
Blood Products	170	N/A	74	2%	46	1%
Heterosexual ⁶	2,190	N/A	709	15%	849	19%
<i>Partner IDU</i>	670	N/A	215	5%	258	6%
<i>Partner Bisexual</i>	110	N/A	34	1%	47	1%
<i>Partner Rec'd Bld</i>	60	N/A	17	0%	23	1%
<i>Partner HIV +</i>	1,360	N/A	443	9%	521	12%
Perinatal	200	N/A	35	1%	106	2%
Undetermined/Other ⁴	Not Applicable	N/A	880	(16%)	1,352	(23%)
<i>Presumed Heterosexual⁷</i>	<i>Not Applicable</i>	N/A	704	(12%)	930	(16%)
<i>Other⁸</i>	<i>Not Applicable</i>	N/A	176	(3%)	422	(7%)
AGE AT DIAGNOSIS						
0 -12 years	210	11	34	1%	118	2%
13 -19 years	390	39	54	1%	223	4%
20 -24 years	1,520	236	282	5%	801	14%
25 -29 years	2,410	368	653	12%	1,059	18%
30 -34 years	3,190	451	1,141	20%	1,127	19%
35 -39 years	3,220	409	1,242	22%	1,042	18%
40 -44 years	2,400	296	987	18%	718	12%
45 -49 years	1,410	192	615	11%	383	7%
50 -54 years	820	130	362	6%	221	4%
55 -59 years	370	76	156	3%	107	2%
60 -64 years	160	42	69	1%	43	1%
65 years and over	90	7	45	1%	21	0%
Unknown ⁴	Not Applicable	N/A	0	0%	3	0%
RACE / ETHNICITY						
White, Non-Hisp.	5,840	75	2,109	37%	2,039	36%
Black, Non-Hisp.	9,410	671	3,252	58%	3,430	60%
Hispanic	590	182	227	4%	192	3%
Asian	70	39	27	0%	21	0%
American Indian	50	94	12	0%	27	0%
Unspecified/Other ⁴	Not Applicable	N/A	13	(0%)	157	(3%)

* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 4/1/05
 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	5,640	5,866	13,679
Alcona	10	----	0	0	3
Alger	10	----	1	0	1
Allegan	100	94.6	37	27	76
Alpena	10	----	1	1	8
Antrim	10	----	5	2	10
Arenac	10	----	1	1	4
Baraga	10	----	4	2	8
Barry	30	52.9	12	8	24
Bay	80	72.6	20	30	53
Benzie	10	----	0	1	2
Berrien	290	178.5	100	93	190
Branch	20	43.7	0	10	12
Calhoun	150	108.7	46	51	108
Cass	40	78.3	10	16	18
Charlevoix	20	76.7	4	7	6
Cheboygan	10	----	3	0	5
Chippewa	10	----	2	6	4
Clare	20	64.0	4	6	8
Clinton	50	77.2	16	17	28
Crawford	10	----	2	0	4
Delta	20	51.9	7	5	8
Dickinson	10	----	1	0	5
Eaton	50	48.2	17	19	35
Emmet	10	----	3	3	7
Genesee	590	135.3	169	226	422
Gladwin	10	----	4	1	6
Gogebic	10	----	0	2	7
Grand Traverse	60	77.3	17	25	35
Gratiot	10	----	3	1	9
Hillsdale	10	----	3	5	16
Houghton	10	----	4	2	8
Huron	10	----	2	0	8
Ingham	480	171.8	137	185	341
Ionia	20	32.5	9	4	20
Iosco	10	----	1	2	2
Iron	10	----	0	0	2
Isabella	20	31.6	9	4	21
Jackson	160	101.0	48	57	103
Kalamazoo	330	138.3	99	122	234
Kalkaska	10	----	1	3	4
Kent	870	151.5	294	281	658
Keweenaw	10	----	0	0	0
Lake	10	----	7	2	11
Lapeer	30	34.1	7	12	16
Leelanau	10	----	4	0	14
Lenawee	60	60.7	20	18	40
Livingston	50	31.9	16	15	35
Luce	10	----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 4/1/05
 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	5,640	5,866	13,679
Mackinac	10	-----	1	0	2
Macomb	610	77.4	204	198	502
Manistee	20	81.5	8	4	11
Marquette	30	46.4	6	12	20
Mason	20	70.7	8	4	11
Mecosta	20	49.3	5	8	14
Menominee	10	-----	0	3	3
Midland	30	36.2	15	8	28
Missaukee	10	-----	1	2	3
Monroe	60	41.1	26	16	63
Montcalm	20	32.6	10	6	23
Montmorency	10	-----	2	0	3
Muskegon	140	82.3	38	52	90
Newaygo	20	41.8	10	4	22
Oakland	1,740	145.7	570	585	1,249
Oceana	10	-----	3	4	8
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	45	34	102
Presque Isle	10	-----	1	1	3
Roscommon	20	78.5	8	3	14
Saginaw	210	100.0	65	72	166
Sanilac	20	44.9	6	5	13
Schoolcraft	10	-----	0	1	2
Shiawassee	30	41.8	11	7	20
St. Clair	100	60.9	29	38	77
St. Joseph	30	48.1	13	10	33
Tuscola	10	-----	4	5	11
Van Buren	60	78.7	18	25	41
Washtenaw	550	170.3	174	193	374
Wayne	1,600	144.2	569	494	1,312
City of Detroit	7,030	739.0	2,364	2,304	6,233
Wexford	10	-----	2	6	4
PRISONS ⁴	750	N/A	266	478	560
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

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	2,730	76%	2,344	50%	160	50%	72	36%	5,306	60%
Injecting Drug Use	163	5%	743	16%	46	14%	13	7%	965	11%
Male-Male Sex/IDU	211	6%	319	7%	15	5%	7	4%	552	6%
Blood Recipient	75	2%	18	0%	1	0%	3	2%	97	1%
Heterosexual	84	2%	327	7%	29	9%	5	3%	445	5%
Perinatal	12	0%	59	1%	1	0%	3	2%	75	1%
Undetermined/Other	329	9%	922	19%	71	22%	95	48%	1,417	16%
<i>Presumed Heterosexual</i>	204	6%	679	14%	58	18%	30	15%	971	11%
<i>Other</i>	125	3%	243	5%	13	4%	65	33%	446	5%
MALE TOTAL	3,604	(41%)	4,732	(53%)	323	(4%)	198	(2%)	8,857	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	111	20%	498	26%	16	17%	7	12%	632	24%
Blood Recipient	11	2%	11	1%	1	1%	0	0%	23	1%
Heterosexual	283	52%	758	39%	54	56%	18	31%	1,113	42%
Perinatal	13	2%	47	2%	5	5%	1	2%	66	2%
Undetermined/Other	126	23%	636	33%	20	21%	33	56%	815	31%
<i>Presumed Heterosexual</i>	107	20%	525	27%	17	18%	14	24%	663	25%
<i>Other</i>	19	3%	111	6%	3	3%	19	32%	152	6%
FEMALE TOTAL	544	(21%)	1,950	(74%)	96	(4%)	59	(2%)	2,649	100%
GRAND TOTAL	4,148	36%	6,682	58%	419	4%	257	2%	11,506	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).