

* 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	15,500	156	5,371	100%	5,676	100%
SEX						
Male	12,000	246	4,295	80%	4,260	75%
Female	3,500	69	1,076	20%	1,416	25%
BEHAVIOR						
Male-Male Sex	8,600	N/A	2650	57%	2436	54%
Injecting Drug Use ⁵	2,880	N/A	903	19%	801	18%
<i>IDU w/ heterosexual</i>	<i>1,370</i>	<i>N/A</i>	<i>429</i>	<i>9%</i>	<i>381</i>	<i>8%</i>
<i>IDU w/o heterosexual</i>	<i>1,510</i>	<i>N/A</i>	<i>474</i>	<i>10%</i>	<i>420</i>	<i>9%</i>
Male-Male Sex/IDU	980	N/A	296	6%	286	6%
Blood Products	210	N/A	77	2%	50	1%
Heterosexual ⁶	2,590	N/A	694	15%	841	19%
<i>Partner IDU</i>	<i>820</i>	<i>N/A</i>	<i>220</i>	<i>5%</i>	<i>264</i>	<i>6%</i>
<i>Partner Bisexual</i>	<i>130</i>	<i>N/A</i>	<i>31</i>	<i>1%</i>	<i>43</i>	<i>1%</i>
<i>Partner Rec'd Bld</i>	<i>60</i>	<i>N/A</i>	<i>16</i>	<i>0%</i>	<i>21</i>	<i>0%</i>
<i>Partner HIV +</i>	<i>1,590</i>	<i>N/A</i>	<i>427</i>	<i>9%</i>	<i>513</i>	<i>11%</i>
Perinatal	230	N/A	33	1%	102	2%
Undetermined/Other ⁴	Not Applicable	N/A	718	(13%)	1160	(20%)
<i>Presumed Heterosexual⁷</i>	<i>Not Applicable</i>	<i>N/A</i>	<i>570</i>	<i>(11%)</i>	<i>783</i>	<i>(14%)</i>
<i>Other⁸</i>	<i>Not Applicable</i>	<i>N/A</i>	<i>148</i>	<i>(3%)</i>	<i>377</i>	<i>(7%)</i>
AGE AT DIAGNOSIS						
0 -12 years	210	11	34	1%	119	2%
13 -19 years	330	33	47	1%	187	3%
20 -24 years	1,380	214	249	5%	735	13%
25 -29 years	2,420	370	643	12%	1083	19%
30 -34 years	3,180	449	1131	21%	1138	20%
35 -39 years	3,130	398	1192	22%	1036	18%
40 -44 years	2,280	281	954	18%	672	12%
45 -49 years	1,320	180	580	11%	364	6%
50 -54 years	730	115	324	6%	199	4%
55 -59 years	290	60	124	2%	86	2%
60 -64 years	140	37	60	1%	37	1%
65 years and over	70	6	33	1%	20	0%
RACE / ETHNICITY						
White, Non-Hisp.	5,680	73	2,054	38%	1,994	36%
Black, Non-Hisp.	8,950	638	3,060	57%	3,319	60%
Hispanic	560	173	219	4%	183	3%
Asian	60	34	25	0%	15	0%
American Indian	50	94	12	0%	24	0%
Unspecified/Other/Multi-race ⁴	Not Applicable	N/A	1	(0%)	141	(2%)

* See Technical Notes for footnotes to Table 1.

**TABLE 2: Michigan Residents Reported Living with HIV or AIDS by County, as of 10/1/03
 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	15,500	156.0	5,371	5,676	13,081
Alcona	10	----	0	0	3
Alger	10	----	1	0	1
Allegan	100	94.6	42	24	80
Alpena	10	----	1	2	8
Antrim	10	----	3	1	7
Arenac	10	----	0	2	2
Baraga	10	----	4	3	8
Barry	30	52.9	12	5	24
Bay	80	72.6	21	30	53
Benzie	10	----	0	1	2
Berrien	250	153.9	90	80	177
Branch	10	----	1	9	13
Calhoun	140	101.5	40	56	98
Cass	40	78.3	10	14	19
Charlevoix	10	----	3	6	5
Cheboygan	10	----	2	0	5
Chippewa	10	----	2	5	4
Clare	10	----	4	6	9
Clinton	40	61.8	17	12	28
Crawford	10	----	2	0	4
Delta	20	51.9	6	7	7
Dickinson	10	----	2	2	5
Eaton	40	38.6	14	15	32
Emmet	10	----	5	3	9
Genesee	590	135.3	173	221	415
Gladwin	10	----	3	1	5
Gogebic	10	----	0	3	7
Grand Traverse	60	77.3	17	23	35
Gratiot	10	----	2	2	8
Hillsdale	10	----	3	5	15
Houghton	10	----	4	3	8
Huron	10	----	2	0	8
Ingham	440	157.4	125	168	334
Ionia	20	32.5	10	4	19
Iosco	10	----	1	2	2
Iron	10	----	0	1	2
Isabella	20	31.6	7	5	19
Jackson	150	94.6	45	53	100
Kalamazoo	330	138.3	112	105	235
Kalkaska	10	----	1	3	4
Kent	810	141.0	273	269	627
Keweenaw	10	----	0	0	0
Lake	10	----	6	3	10
Lapeer	20	22.8	4	11	13
Leelanau	10	----	5	0	13
Lenawee	60	60.7	19	21	41
Livingston	40	25.5	13	14	32
Luce	10	----	0	0	1

**TABLE 2 continued: Michigan Residents Living with HIV or AIDS by County, as of 10/1/03
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Total Michigan	15,500	156.0	5,371	5,676	13,081
Mackinac	10	-----	1	0	2
Macomb	570	72.3	191	187	485
Manistee	20	81.5	7	4	10
Marquette	20	30.9	4	10	17
Mason	20	70.7	8	4	11
Mecosta	20	49.3	4	7	11
Menominee	10	-----	0	4	3
Midland	30	36.2	14	8	25
Missaukee	10	-----	1	5	3
Monroe	60	41.1	26	13	64
Montcalm	30	49.0	11	11	21
Montmorency	10	-----	2	0	3
Muskegon	130	76.4	35	53	84
Newaygo	20	41.8	8	5	22
Oakland	1,660	139.0	533	578	1,195
Oceana	10	-----	3	4	9
Ogemaw	10	-----	1	1	3
Ontonagon	10	-----	0	1	0
Osceola	10	-----	3	2	8
Oscoda	10	-----	0	1	2
Otsego	10	-----	5	3	8
Ottawa	100	42.0	40	26	96
Presque Isle	10	-----	0	0	2
Roscommon	10	-----	6	3	13
Saginaw	190	90.5	62	68	156
Sanilac	10	-----	5	5	12
Schoolcraft	10	-----	1	1	3
Shiawassee	30	65.9	10	7	18
St. Clair	100	60.9	26	39	70
St. Joseph	40	55.8	14	10	35
Tuscola	10	-----	5	5	14
Van Buren	70	91.8	24	25	46
Washtenaw	500	154.8	169	166	366
Wayne	1,520	73.7	544	470	1,246
City of Detroit	6,800	714.8	2,268	2,272	5,958
Wexford	10	-----	2	6	4
PRISONS ⁴	700	N/A	230	469	498
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	2,630	75%	2,247	49%	145	47%	64	39%	5,086	59%
Injecting Drug Use	176	5%	780	17%	58	19%	7	4%	1,021	12%
Male-Male Sex/IDU	225	6%	335	7%	15	5%	7	4%	582	7%
Blood Recipient	80	2%	23	1%	1	0%	2	1%	106	1%
Heterosexual	89	3%	322	7%	33	11%	6	4%	450	5%
Perinatal	12	0%	54	1%	2	1%	2	1%	70	1%
Undetermined/Other	296	8%	810	18%	57	18%	77	47%	1,240	14%
<i>Presumed Heterosexual</i>	182	5%	578	13%	47	15%	25	15%	832	10%
<i>Other</i>	114	3%	232	5%	10	3%	52	32%	408	5%
MALE TOTAL	3,508	(41%)	4,571	(53%)	311	(4%)	165	(2%)	8,555	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	130	24%	532	29%	14	15%	7	13%	683	27%
Blood Recipient	12	2%	9	0%	0	0%	0	0%	21	1%
Heterosexual	281	52%	731	40%	54	59%	19	36%	1085	44%
Perinatal	12	2%	47	3%	5	5%	1	2%	65	3%
Undetermined/Other	105	19%	489	27%	18	20%	26	49%	638	26%
<i>Presumed Heterosexual</i>	92	17%	402	22%	16	18%	11	21%	521	21%
<i>Other</i>	13	2%	87	5%	2	2%	15	28%	117	5%
FEMALE TOTAL	540	(22%)	1,808	(73%)	91	(4%)	53	(2%)	2492	100%
GRAND TOTAL	4,048	37%	6,379	58%	402	4%	218	2%	11,047	100%

TECHNICAL NOTES

HIV Prevalence Estimate for Michigan

MDCH estimates that there are up to 15,500 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 so that numbers are only rounded at the end of the estimate calculation. 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).