

TABLE 1. Demographic Information on Prevalent HIV/AIDS Cases Living in DETROIT at Diagnosis

	EST PREV*	REPORTED PREVALENCE[†]						CENSUS 2006 ESTIMATES[§]	
		HIV, not AIDS		AIDS		Total		Rate per 100,000[¶]	
RACE/ ETHNICITY[‡]	Number	Number	Percent	Number	Percent	Number	Percent	Number	Percent
White	580	193	(8%)	211	(8%)	404	(8%)	71,939	(8%)
Black	6,650	2158	(88%)	2484	(89%)	4642	(89%)	721,607	(83%)
Hispanic	200	64	(3%)	76	(3%)	140	(3%)	53,915	(6%)
Asian/PI	10	<5	**	6	(<1%)	10	(<1%)	9,650	(1%)
Am Indian/AN	10	7	(<1%)	<5	**	10	(<1%)	2,208	(<1%)
Multi/Unk	50	16	(1%)	19	(1%)	35	(1%)	11,802	(1%)
SEX & RACE									
Males	5,370	1692	(69%)	2053	(73%)	3745	(71%)	410,441	(47%)
White Males	460	150	(6%)	174	(6%)	324	(6%)	N/A	N/A
Black Males	4,690	1476	(60%)	1800	(64%)	3276	(63%)	N/A	N/A
Hispanic Males	150	48	(2%)	57	(2%)	105	(2%)	N/A	N/A
Other Males	60	18	(1%)	22	(1%)	40	(1%)	N/A	N/A
Females	2,140	750	(31%)	746	(27%)	1496	(29%)	460,680	(53%)
White Females	110	43	(2%)	37	(1%)	80	(2%)	N/A	N/A
Black Females	1,960	682	(28%)	684	(24%)	1366	(26%)	N/A	N/A
Hispanic Fmls	50	16	(1%)	19	(1%)	35	(1%)	N/A	N/A
Other Females	20	9	(<1%)	6	(<1%)	15	(<1%)	N/A	N/A
RISK*									
Male-Male Sex	3,080	917	(38%)	1229	(44%)	2146	(41%)	N/A	N/A
Injection Drug Use	1,210	330	(14%)	514	(18%)	844	(16%)	N/A	N/A
MSM/IDU	280	76	(3%)	122	(4%)	198	(4%)	N/A	N/A
Blood Products	30	<5	**	20	(1%)	24	(<1%)	N/A	N/A
Heterosexual	1,470	503	(21%)	521	(19%)	1024	(20%)	N/A	N/A
HRH	1,080	350	(14%)	406	(15%)	756	(14%)	N/A	N/A
PH-Female	380	153	(6%)	115	(4%)	268	(5%)	N/A	N/A
Perinatal	110	60	(2%)	19	(1%)	79	(2%)	N/A	N/A
Undetermined	1,330	552	(23%)	374	(13%)	926	(18%)	N/A	N/A
PH-Male	630	236	(10%)	203	(7%)	439	(8%)	N/A	N/A
Unknown	700	316	(13%)	171	(6%)	487	(9%)	N/A	N/A
AGE AT HIV DIAGNOSIS									
0 - 12 years	110	61	(2%)	19	(1%)	80	(2%)	N/A	N/A
13 - 19 years	340	150	(6%)	87	(3%)	237	(5%)	N/A	N/A
20 - 24 years	880	359	(15%)	252	(9%)	611	(12%)	N/A	N/A
25 - 29 years	1,140	398	(16%)	395	(14%)	793	(15%)	N/A	N/A
30 - 39 years	2,640	779	(32%)	1063	(38%)	1842	(35%)	N/A	N/A
40 - 49 years	1,720	495	(20%)	707	(25%)	1202	(23%)	N/A	N/A
50 - 59 years	560	163	(7%)	225	(8%)	388	(7%)	N/A	N/A
60 years and over	130	37	(2%)	51	(2%)	88	(2%)	N/A	N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A
TOTAL	7,510	2442 (100%)		2799 (100%)		5,241 (100%)		602	871,121 (100%)

*See page 5 for descriptions of prevalence estimate calculations and new risk category groupings. Risk categories used in Michigan are newly defined as of the July 2007 quarter.

[†] Includes reports that contain patient name or are otherwise unduplicated. <5 and ** = 1, 2, 3, or 4 cases.

[§] Estimated census data for sex by race are not available for sub-county areas.

[¶] To calculate "1 out of x" statements, divide the census number by total reported prevalence. For example, for non-Hispanic whites: 910,950 / 668 = 1,364. Thus, 1 out of every 1,364 non-Hispanic white persons in DETROIT are living with HIV. Rates and "1 out of x" statements are not reliable for <10 cases. Thus, rates for <10 cases are shown as "----".

[‡] In this report, persons described as white, black, Asian/Pacific Islander (PI), or American Indian/Alaska Native (AN) are all non-Hispanic; persons described as Hispanic might be of any race.

TABLE 2. Sex, Race, and Risk Among Prevalent HIV/AIDS Cases in DETROIT

MALES	White		Black		Hispanic		Other or Unknown		Male Subtotal	
Male-Male sex	246	(76%)	1831	(56%)	44	(42%)	25	(63%)	2146	(57%)
Injecting Drug Use	17	(5%)	415	(13%)	25	(24%)	<5	**	460	(12%)
Male-Male Sex/IDU	15	(5%)	181	(6%)	<5	**	0	(0%)	198	(5%)
Blood Products	6	(2%)	11	(<1%)	<5	**	<5	**	19	(1%)
Heterosexual*	7	(2%)	193	(6%)	10	(10%)	<5	**	212	(6%)
Perinatal	<5	**	38	(1%)	<5	**	0	(0%)	42	(1%)
Undetermined	30	(9%)	607	(19%)	22	(21%)	9	(23%)	668	(18%)
<i>PH-Male</i>	16	(5%)	405	(12%)	15	(14%)	<5	**	439	(12%)
<i>Unknown</i>	14	(4%)	202	(6%)	7	(7%)	6	(15%)	229	(6%)
Male Subtotal	324	(9%)	3276	(87%)	105	(3%)	40	(1%)	3745	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	28	(35%)	344	(25%)	8	(23%)	<5	**	384	(26%)
Blood Products	0	(0%)	<5	**	<5	**	0	(0%)	5	(<1%)
Heterosexual	42	(53%)	743	(54%)	20	(57%)	7	(47%)	812	(54%)
<i>HRH</i>	34	(43%)	493	(36%)	16	(46%)	<5	**	544	(36%)
<i>PH-Female</i>	8	(10%)	250	(18%)	<5	**	6	(40%)	268	(18%)
Perinatal	<5	**	34	(2%)	<5	**	<5	**	37	(2%)
Undetermined*	9	(11%)	241	(18%)	5	(14%)	<5	**	258	(17%)
Female Subtotal	80	(5%)	1366	(91%)	35	(2%)	15	(1%)	1496	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	246	(61%)	1831	(39%)	44	(31%)	25	(45%)	2146	(41%)
Injecting Drug Use	45	(11%)	759	(16%)	33	(24%)	7	(13%)	844	(16%)
Male-Male Sex/IDU	15	(4%)	181	(4%)	<5	**	0	(0%)	198	(4%)
Blood Products	6	(1%)	15	(<1%)	<5	**	<5	**	24	(<1%)
Heterosexual	49	(12%)	936	(20%)	30	(21%)	9	(16%)	1024	(20%)
<i>HRH</i>	41	(10%)	686	(15%)	26	(19%)	<5	**	756	(14%)
<i>PH-Female</i>	8	(2%)	250	(5%)	<5	**	6	(11%)	268	(5%)
Perinatal	<5	**	72	(2%)	<5	**	<5	**	79	(2%)
Undetermined	39	(10%)	848	(18%)	27	(19%)	12	(22%)	926	(18%)
<i>PH-Male</i>	16	(4%)	405	(9%)	15	(11%)	<5	**	439	(8%)
<i>Unknown</i>	23	(6%)	443	(10%)	12	(9%)	9	(16%)	487	(9%)
RACE TOTAL	404	(8%)	4642	(89%)	140	(3%)	55	(1%)	5241	(100%)

*In the male subset all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males and, likewise, in the female subset, all cases in the undetermined category are of unknown risk because the PH-Male category is not applicable to females. See page 5 for additional details about the changes to Michigan's risk categories.

**TABLE 3. Prevalent HIV/AIDS Cases in DETROIT
According to Zip Code at Diagnosis**

ZIP CODE AT DIAGNOSIS	EST PREV*	REPORTED PREVALENCE [†]		Total	
		HIV, not AIDS	AIDS	Number	Percent
48201	340	118	121	239	(5%)
48202	400	128	148	276	(5%)
48203	320	119	103	222	(4%)
48204	320	101	119	220	(4%)
48205	370	121	140	261	(5%)
48206	360	104	145	249	(5%)
48207	270	69	118	187	(4%)
48208	150	57	49	106	(2%)
48209	170	58	59	117	(2%)
48210	180	60	69	129	(2%)
48211	90	32	33	65	(1%)
48212	120	42	39	81	(2%)
48213	360	123	126	249	(5%)
48214	400	126	151	277	(5%)
48215	200	67	71	138	(3%)
48216	50	16	22	38	(1%)
48217	60	22	22	44	(1%)
48218	10	0	<5	<5	**
48219	310	92	126	218	(4%)
48220	10	<5	<5	5	(<1%)
48221	340	102	134	236	(5%)
48222	10	<5	<5	<5	**
48223	180	59	68	127	(2%)
48224	330	124	106	230	(4%)
48225	10	0	<5	<5	**
48226	120	36	51	87	(2%)
48227	450	146	166	312	(6%)
48228	370	125	134	259	(5%)
48229	10	<5	<5	<5	**
48230	10	0	<5	<5	**
48231	10	0	<5	<5	**
48234	270	78	109	187	(4%)
48235	330	103	128	231	(4%)
48236	10	0	5	5	(<1%)
48237	10	<5	0	<5	**
48238	390	123	147	270	(5%)
48239	20	5	6	11	(<1%)
48242	10	0	<5	<5	
UNKNOWN	210	77	72	149	(3%)
TOTAL	7,510	2442	2799	5241	(100%)

*See page 5 for descriptions of prevalence estimate calculations.

[†] Includes reports that contain patient name or are otherwise unduplicated. <5 and "*" = 1, 2, 3, or 4 cases.

TABLE 4. New Diagnoses, Deaths, and Prevalence of HIV/AIDS in DETROIT by Year

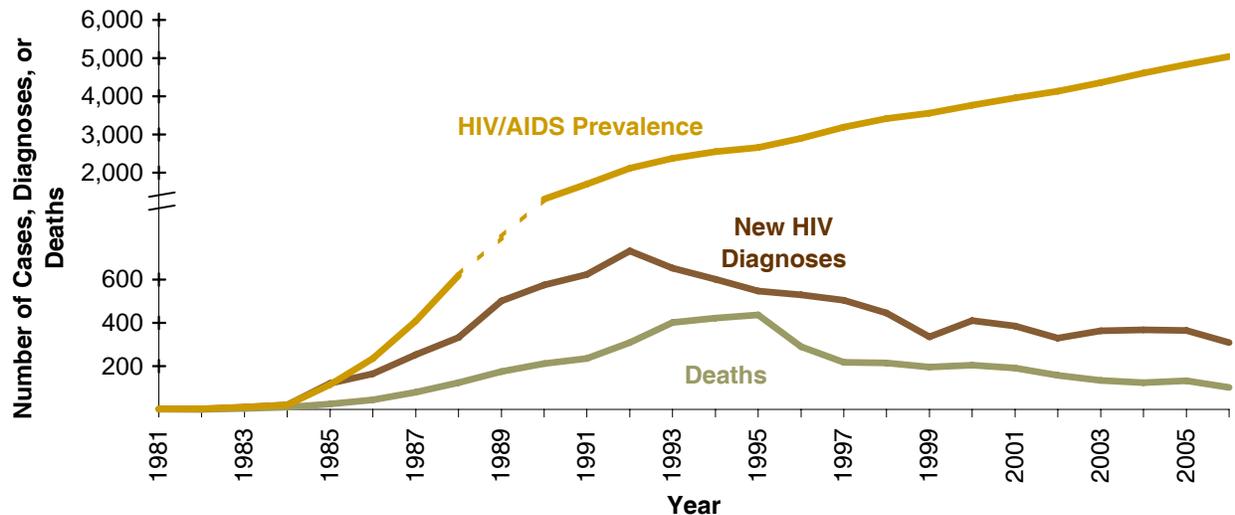
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	2	1	1	2	1	1
1982	2	0	3	2	0	3
1983	11	4	10	10	4	9
1984	21	11	20	21	11	19
1985	120	25	115	40	25	34
1986	164	44	235	74	41	67
1987	253	79	409	140	74	133
1988	333	123	619	212	121	224
1989	502	175	946	302	167	359
1990	575	212	1,309	347	203	503
1991	623	235	1,697	417	222	698
1992	732	309	2,120	584	292	990
1993	653	401	2,372	514	377	1,127
1994	601	422	2,551	484	391	1,220
1995	547	437	2,661	468	401	1,287
1996	530	290	2,901	376	270	1,393
1997	504	217	3,188	332	193	1,532
1998	446	214	3,420	316	191	1,657
1999	335	196	3,559	294	173	1,778
2000	411	205	3,765	320	176	1,922
2001	386	191	3,960	245	162	2,005
2002	329	158	4,131	259	145	2,119
2003	363	134	4,360	266	114	2,271
2004	368	123	4,605	255	108	2,418
2005	364	132	4,837	282	121	2,579
2006	309	102	5,044	220	93	2,706
2007	269	72	5,241	157	64	2,799
TOTAL	9,753	4,512		6,939	4,140	

The prevalence of HIV in Michigan has steadily increased, since persons with HIV are living longer. This is largely due to improved anti-retroviral therapy.

The increase in HIV prevalence is also reflected in Figure 1 on page 5, which shows that the number of persons diagnosed, while stable for the last several years, is greater than the number of deaths each year. This directly contributes to the increase in prevalence. The current reported prevalence of HIV/AIDS in DETROIT is 5,241. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 2,799.

As implied, the HIV/AIDS section displays data on all persons with HIV, including those with AIDS, as well as those who have not been diagnosed with AIDS. Thus, persons represented in the AIDS section are also represented in the HIV/AIDS section. The number of reported deaths includes deaths directly attributable to presence of HIV/AIDS as well as deaths due to other causes.

NOTE: Reporting for recent years may not be complete. Data are not adjusted to account for reporting delays.

FIGURE 1. New Diagnoses, Deaths, and Prevalence of HIV/AIDS in DETROIT by Year**TABLE 5. Comparison of HIV/AIDS Prevalence in DETROIT to State**

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Detroit	7,510	2,442	2,799	5,241	602	6,939
Michigan Total	18,000	6,325	6,995	13,320	132	15,579

ADDITIONAL NOTES

Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in DETROIT at diagnosis of HIV or AIDS and incorporates an approximation of those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. Prevalence estimates were most recently revised in January 2008, so the estimates in this report may vary in comparison to reports published before the revision.

Risk Groups

In June 2007, the CSTE issued a position statement proposing the creation of a "presumed heterosexual" category. As a result, the following changes were made to Michigan's HIV risk categories.

Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females who are not injection drug users and whose only reported risk is heterosexual contact, but their male partners' risk and HIV status are unknown.

Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.