

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

	<i>EST PREV*</i>	<i>REPORTED PREVALENCE[†]</i>						<i>CENSUS 2008 ESTIMATES[§]</i>	
		<i>HIV, not AIDS</i>		<i>AIDS</i>		<i>Total</i>		<i>Number</i>	<i>Percent</i>
<i>RACE/ ETHNICITY[‡]</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Rate per 100,000[¶]</i>	
White	500	173	(7%)	209	(7%)	382	(7%)	499.6	76,460 (8%)
Black	6,480	2,220	(88%)	2,778	(89%)	4,998	(89%)	665.7	750,799 (82%)
Hispanic	220	75	(3%)	93	(3%)	168	(3%)	265.4	63,294 (7%)
Asian/PI	10	<5	**	7	(<1%)	10	(<1%)	129.3	7,734 (1%)
Am Indian/AN	10	6	(<1%)	<5	**	9	(<1%)	---	2,495 (<1%)
Multi/Unk	90	34	(1%)	39	(1%)	73	(1%)	N/A	11,280 (1%)
<i>SEX & RACE</i>									
Males	5,260	1,774	(71%)	2,287	(73%)	4,061	(72%)	950.5	427,251 (47%)
White Males	400	136	(5%)	172	(5%)	308	(5%)	N/A	N/A N/A
Black Males	4,610	1,551	(62%)	2,009	(64%)	3,560	(63%)	N/A	N/A N/A
Hispanic Males	160	57	(2%)	70	(2%)	127	(2%)	N/A	N/A N/A
Other Males	90	30	(1%)	36	(1%)	66	(1%)	N/A	N/A N/A
Females	2,050	737	(29%)	842	(27%)	1,579	(28%)	325.7	484,811 (53%)
White Females	100	37	(1%)	37	(1%)	74	(1%)	N/A	N/A N/A
Black Females	1,860	669	(27%)	769	(25%)	1,438	(25%)	N/A	N/A N/A
Hispanic Fmls	50	18	(1%)	23	(1%)	41	(1%)	N/A	N/A N/A
Other Females	30	13	(1%)	13	(<1%)	26	(<1%)	N/A	N/A N/A
<i>RISK*</i>									
Male-Male Sex	3,110	1,005	(40%)	1,391	(44%)	2,396	(42%)	N/A	N/A N/A
Injection Drug Use	1,070	298	(12%)	527	(17%)	825	(15%)	N/A	N/A N/A
MSM/IDU	270	79	(3%)	127	(4%)	206	(4%)	N/A	N/A N/A
Blood Products	20	0	(0%)	12	(<1%)	12	(<1%)	N/A	N/A N/A
Heterosexual	1,480	528	(21%)	613	(20%)	1,141	(20%)	N/A	N/A N/A
HRH	1,020	332	(13%)	458	(15%)	790	(14%)	N/A	N/A N/A
PH-Female	450	196	(8%)	155	(5%)	351	(6%)	N/A	N/A N/A
Perinatal	100	56	(2%)	24	(1%)	80	(1%)	N/A	N/A N/A
Undetermined	1,270	545	(22%)	435	(14%)	980	(17%)	N/A	N/A N/A
PH-Male	640	237	(9%)	255	(8%)	492	(9%)	N/A	N/A N/A
Unknown	630	308	(12%)	180	(6%)	488	(9%)	N/A	N/A N/A
<i>AGE AT HIV DIAGNOSIS</i>									
0 - 12 years	110	58	(2%)	24	(1%)	82	(1%)	N/A	N/A N/A
13 - 19 years	410	191	(8%)	122	(4%)	313	(6%)	N/A	N/A N/A
20 - 24 years	970	425	(17%)	320	(10%)	745	(13%)	N/A	N/A N/A
25 - 29 years	1,090	413	(16%)	428	(14%)	841	(15%)	N/A	N/A N/A
30 - 39 years	2,460	742	(30%)	1,154	(37%)	1,896	(34%)	N/A	N/A N/A
40 - 49 years	1,610	472	(19%)	770	(25%)	1,242	(22%)	N/A	N/A N/A
50 - 59 years	550	172	(7%)	251	(8%)	423	(8%)	N/A	N/A N/A
60 years and over	130	38	(2%)	60	(2%)	98	(2%)	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	7,310	2,511 (100%)		3,129 (100%)		5,640 (100%)		618	912,062 (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: 76,460 / 382 = 200. Thus, 1 out of every 200 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	240	(78%)	2,055	(58%)	60	(47%)	41	(62%)	2,396	(59%)
Injecting Drug Use	17	(6%)	391	(11%)	22	(17%)	<5	**	434	(11%)
Male-Male Sex/IDU	13	(4%)	188	(5%)	<5	**	<5	**	206	(5%)
Blood Products	<5	**	6	(<1%)	0	(0%)	0	(0%)	9	(<1%)
Heterosexual*	9	(3%)	206	(6%)	10	(8%)	<5	**	227	(6%)
Perinatal	<5	**	39	(1%)	<5	**	<5	**	44	(1%)
Undetermined	23	(7%)	675	(19%)	31	(24%)	16	(24%)	745	(18%)
<i>PH-Male</i>	14	(5%)	446	(13%)	22	(17%)	10	(15%)	492	(12%)
<i>Unknown</i>	9	(3%)	229	(6%)	9	(7%)	6	(9%)	253	(6%)
Male Subtotal	308	(8%)	3,560	(88%)	127	(3%)	66	(2%)	4,061	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	26	(35%)	349	(24%)	8	(20%)	8	(31%)	391	(25%)
Blood Products	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual	38	(51%)	834	(58%)	27	(66%)	15	(58%)	914	(58%)
<i>HRH</i>	31	(42%)	507	(35%)	19	(46%)	6	(23%)	563	(36%)
<i>PH-Female</i>	7	(9%)	327	(23%)	8	(20%)	9	(35%)	351	(22%)
Perinatal	<5	**	33	(2%)	<5	**	<5	**	36	(2%)
Undetermined*	9	(12%)	219	(15%)	5	(12%)	<5	**	235	(15%)
Female Subtotal	74	(5%)	1,438	(91%)	41	(3%)	26	(2%)	1,579	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	240	(63%)	2,055	(41%)	60	(36%)	41	(45%)	2,396	(42%)
Injecting Drug Use	43	(11%)	740	(15%)	30	(18%)	12	(13%)	825	(15%)
Male-Male Sex/IDU	13	(3%)	188	(4%)	<5	**	<5	**	206	(4%)
Blood Products	<5	**	9	(<1%)	0	(0%)	0	(0%)	12	(<1%)
Heterosexual	47	(12%)	1,040	(21%)	37	(22%)	17	(18%)	1,141	(20%)
<i>HRH</i>	40	(10%)	713	(14%)	29	(17%)	8	(9%)	790	(14%)
<i>PH-Female</i>	7	(2%)	327	(7%)	8	(5%)	9	(10%)	351	(6%)
Perinatal	<5	**	72	(1%)	<5	**	<5	**	80	(1%)
Undetermined	32	(8%)	894	(18%)	36	(21%)	18	(20%)	980	(17%)
<i>PH-Male</i>	14	(4%)	446	(9%)	22	(13%)	10	(11%)	492	(9%)
<i>Unknown</i>	18	(5%)	448	(9%)	14	(8%)	8	(9%)	488	(9%)
RACE TOTAL	382	(7%)	4,998	(89%)	168	(3%)	92	(2%)	5,640	(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 of all Detroit cases living in zip code §
48201	330	118	134	252	(4%)
48202	380	133	161	294	(5%)
48203	270	107	99	206	(4%)
48204	310	100	140	240	(4%)
48205	400	155	153	308	(5%)
48206	360	110	165	275	(5%)
48207	280	78	136	214	(4%)
48208	160	64	60	124	(2%)
48209	170	63	65	128	(2%)
48210	190	63	86	149	(3%)
48211	90	36	36	72	(1%)
48212	90	35	35	70	(1%)
48213	350	131	140	271	(5%)
48214	380	122	172	294	(5%)
48215	190	66	80	146	(3%)
48216	50	17	24	41	(1%)
48217	60	24	26	50	(1%)
48218	10	0	<5	<5	**
48219	320	95	154	249	(4%)
48220	10	<5	<5	<5	**
48221	320	103	143	246	(4%)
48222	10	<5	<5	<5	**
48223	190	63	85	148	(3%)
48224	320	121	127	248	(4%)
48225	10	0	<5	<5	**
48226	130	34	63	97	(2%)
48227	440	151	190	341	(6%)
48228	380	140	157	297	(5%)
48229	10	<5	<5	<5	**
48230	10	0	<5	<5	**
48231	10	0	<5	<5	**
48234	290	90	130	220	(4%)
48235	340	113	153	266	(5%)
48236	10	0	5	5	(<1%)
48237	10	<5	0	<5	**
48238	400	137	170	307	(5%)
48239	10	<5	5	8	(<1%)
48242	10	0	<5	<5	**
UNKNOWN	70	31	22	53	(1%)
TOTAL	7,310	2,511	3,129	5,640	(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.

§ The percentages under the 'Total' column header show the percentage of Detroit's HIV cases that live in a particular zip code and should not be interpreted as the proportion of all residents living in a zip code who are HIV-positive.

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	119	25	114	40	25	34
1986	164	44	234	74	41	67
1987	253	79	408	140	74	133
1988	330	123	615	213	121	225
1989	503	175	943	302	167	360
1990	578	212	1,309	346	203	503
1991	623	235	1,697	417	222	698
1992	727	309	2,115	584	292	990
1993	650	401	2,364	514	377	1,127
1994	595	421	2,538	482	391	1,218
1995	550	437	2,651	469	401	1,286
1996	523	290	2,884	378	270	1,394
1997	500	217	3,167	335	193	1,536
1998	437	213	3,391	313	190	1,659
1999	331	196	3,526	293	173	1,779
2000	410	205	3,731	322	176	1,925
2001	375	191	3,915	248	162	2,011
2002	316	159	4,072	258	145	2,124
2003	361	145	4,288	267	124	2,267
2004	360	137	4,511	258	119	2,406
2005	364	148	4,727	281	129	2,558
2006	300	125	4,902	221	108	2,671
2007	299	100	5,101	210	89	2,792
2008	298	89	5,310	212	78	2,926
2009	291	50	5,551	183	45	3,064
2010 [†]	105	16	5,640	81	16	3,129
TOTAL	10,398	4,758		7,476	4,347	

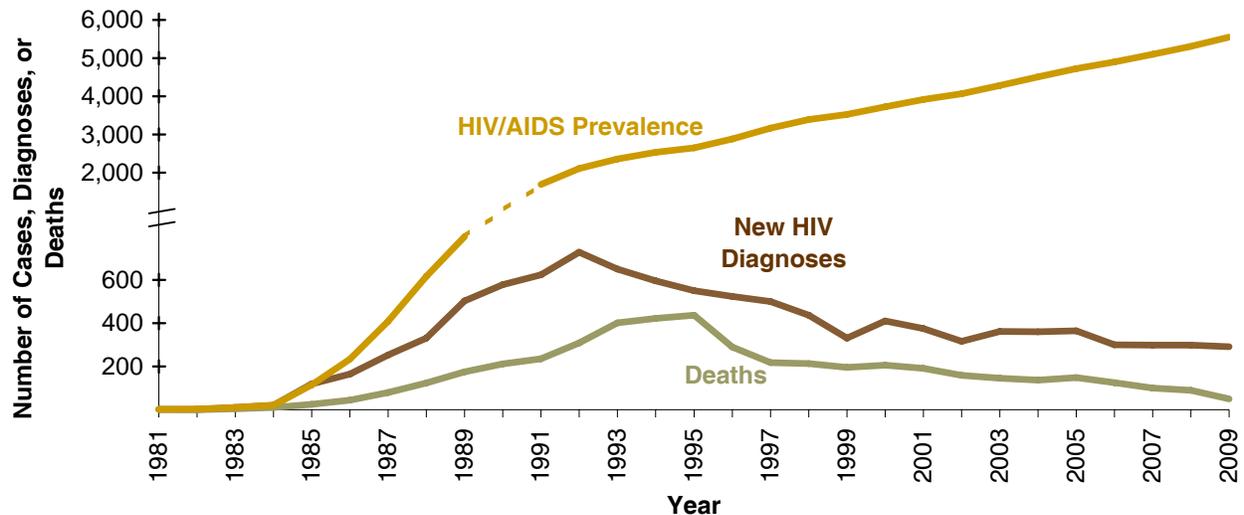
[†] Reporting for 2010 is incomplete at this time.

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 5,640. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 3,129.

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**

<i>Residence at Diagnosis</i>	<i>Estimated Prevalence</i>	<i>Reported Prevalence</i>				<i>Cumulative AIDS</i>
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>	<i>Rate</i>	
Detroit	7,310	2,511	3,129	5,640	618	7,476
Michigan Total	18,800	6,776	7,910	14,686	147	16,954

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 2010, 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.



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