

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	510	170	(7%)	211	(7%)	381	(7%)	498.3	76,460 (8%)
Black	6,520	2,226	(89%)	2,694	(89%)	4,920	(89%)	655.3	750,799 (82%)
Hispanic	220	75	(3%)	91	(3%)	166	(3%)	262.3	63,294 (7%)
Asian/PI	10	<5	**	7	(<1%)	11	(<1%)	142.2	7,734 (1%)
Am Indian/AN	10	5	(<1%)	<5	**	8	(<1%)	---	2,495 (<1%)
Multi/Unk	90	30	(1%)	35	(1%)	65	(1%)	N/A	11,280 (1%)
<i>SEX & RACE</i>									
Males	5,290	1,766	(70%)	2,222	(73%)	3,988	(72%)	933.4	427,251 (47%)
White Males	410	133	(5%)	173	(6%)	306	(6%)	N/A	N/A N/A
Black Males	4,630	1,547	(62%)	1,948	(64%)	3,495	(63%)	N/A	N/A N/A
Hispanic Males	170	58	(2%)	68	(2%)	126	(2%)	N/A	N/A N/A
Other Males	80	28	(1%)	33	(1%)	61	(1%)	N/A	N/A N/A
Females	2,070	744	(30%)	819	(27%)	1,563	(28%)	322.4	484,811 (53%)
White Females	100	37	(1%)	38	(1%)	75	(1%)	N/A	N/A N/A
Black Females	1,890	679	(27%)	746	(25%)	1,425	(26%)	N/A	N/A N/A
Hispanic Fmls	50	17	(1%)	23	(1%)	40	(1%)	N/A	N/A N/A
Other Females	30	11	(<1%)	12	(<1%)	23	(<1%)	N/A	N/A N/A
<i>RISK*</i>									
Male-Male Sex	3,110	982	(39%)	1,361	(45%)	2,343	(42%)	N/A	N/A N/A
Injection Drug Use	1,090	308	(12%)	516	(17%)	824	(15%)	N/A	N/A N/A
MSM/IDU	270	82	(3%)	123	(4%)	205	(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	527	(21%)	593	(20%)	1,120	(20%)	N/A	N/A N/A
HRH	1,050	338	(13%)	451	(15%)	789	(14%)	N/A	N/A N/A
PH-Female	440	189	(8%)	142	(5%)	331	(6%)	N/A	N/A N/A
Perinatal	110	58	(2%)	23	(1%)	81	(1%)	N/A	N/A N/A
Undetermined	1,280	553	(22%)	413	(14%)	966	(17%)	N/A	N/A N/A
PH-Male	630	235	(9%)	241	(8%)	476	(9%)	N/A	N/A N/A
Unknown	650	318	(13%)	172	(6%)	490	(9%)	N/A	N/A N/A
<i>AGE AT HIV DIAGNOSIS</i>									
0 - 12 years	110	59	(2%)	23	(1%)	82	(1%)	N/A	N/A N/A
13 - 19 years	400	189	(8%)	116	(4%)	305	(5%)	N/A	N/A N/A
20 - 24 years	950	408	(16%)	306	(10%)	714	(13%)	N/A	N/A N/A
25 - 29 years	1,100	410	(16%)	422	(14%)	832	(15%)	N/A	N/A N/A
30 - 39 years	2,500	756	(30%)	1,130	(37%)	1,886	(34%)	N/A	N/A N/A
40 - 49 years	1,630	482	(19%)	750	(25%)	1,232	(22%)	N/A	N/A N/A
50 - 59 years	540	169	(7%)	237	(8%)	406	(7%)	N/A	N/A N/A
60 years and over	120	37	(1%)	57	(2%)	94	(2%)	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	7,360	2,510 (100%)		3,041 (100%)		5,551 (100%)		609	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 / 381 = 201. Thus, 1 out of every 201 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	238 (78%)	2,010 (58%)	58 (46%)	37 (61%)	2,343 (59%)
Injecting Drug Use	17 (6%)	390 (11%)	23 (18%)	<5 **	434 (11%)
Male-Male Sex/IDU	12 (4%)	189 (5%)	<5 **	<5 **	205 (5%)
Blood Products	<5 **	6 (<1%)	0 (0%)	0 (0%)	9 (<1%)
Heterosexual*	9 (3%)	204 (6%)	11 (9%)	<5 **	226 (6%)
Perinatal	<5 **	39 (1%)	<5 **	<5 **	44 (1%)
Undetermined	24 (8%)	657 (19%)	31 (25%)	15 (25%)	727 (18%)
<i>PH-Male</i>	16 (5%)	431 (12%)	21 (17%)	8 (13%)	476 (12%)
<i>Unknown</i>	8 (3%)	226 (6%)	10 (8%)	7 (11%)	251 (6%)
Male Subtotal	306 (8%)	3,495 (88%)	126 (3%)	61 (2%)	3,988 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	27 (36%)	348 (24%)	8 (20%)	7 (30%)	390 (25%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	39 (52%)	815 (57%)	27 (68%)	13 (57%)	894 (57%)
<i>HRH</i>	31 (41%)	508 (36%)	19 (48%)	5 (22%)	563 (36%)
<i>PH-Female</i>	8 (11%)	307 (22%)	8 (20%)	8 (35%)	331 (21%)
Perinatal	<5 **	34 (2%)	<5 **	<5 **	37 (2%)
Undetermined*	8 (11%)	225 (16%)	<5 **	<5 **	239 (15%)
Female Subtotal	75 (5%)	1,425 (91%)	40 (3%)	23 (1%)	1,563 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	238 (62%)	2,010 (41%)	58 (35%)	37 (44%)	2,343 (42%)
Injecting Drug Use	44 (12%)	738 (15%)	31 (19%)	11 (13%)	824 (15%)
Male-Male Sex/IDU	12 (3%)	189 (4%)	<5 **	<5 **	205 (4%)
Blood Products	<5 **	9 (<1%)	0 (0%)	0 (0%)	12 (<1%)
Heterosexual	48 (13%)	1,019 (21%)	38 (23%)	15 (18%)	1,120 (20%)
<i>HRH</i>	40 (10%)	712 (14%)	30 (18%)	7 (8%)	789 (14%)
<i>PH-Female</i>	8 (2%)	307 (6%)	8 (5%)	8 (10%)	331 (6%)
Perinatal	<5 **	73 (1%)	<5 **	<5 **	81 (1%)
Undetermined	32 (8%)	882 (18%)	35 (21%)	17 (20%)	966 (17%)
<i>PH-Male</i>	16 (4%)	431 (9%)	21 (13%)	8 (10%)	476 (9%)
<i>Unknown</i>	16 (4%)	451 (9%)	14 (8%)	9 (11%)	490 (9%)
RACE TOTAL	381 (7%)	4,920 (89%)	166 (3%)	84 (2%)	5,551 (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	121	132	253	(5%)
48202	380	132	155	287	(5%)
48203	280	109	99	208	(4%)
48204	320	100	138	238	(4%)
48205	400	153	150	303	(5%)
48206	360	113	159	272	(5%)
48207	270	73	133	206	(4%)
48208	160	64	57	121	(2%)
48209	170	62	64	126	(2%)
48210	200	65	83	148	(3%)
48211	90	34	37	71	(1%)
48212	90	35	35	70	(1%)
48213	350	128	138	266	(5%)
48214	380	126	159	285	(5%)
48215	190	69	78	147	(3%)
48216	50	16	23	39	(1%)
48217	60	23	25	48	(1%)
48218	10	0	<5	<5	**
48219	330	98	148	246	(4%)
48220	10	<5	<5	<5	**
48221	320	101	139	240	(4%)
48222	10	<5	<5	<5	**
48223	190	63	83	146	(3%)
48224	330	121	127	248	(4%)
48225	10	0	<5	<5	**
48226	130	36	60	96	(2%)
48227	440	145	186	331	(6%)
48228	390	136	155	291	(5%)
48229	10	<5	<5	<5	**
48230	10	0	<5	<5	**
48231	10	0	<5	<5	**
48234	290	95	124	219	(4%)
48235	350	115	146	261	(5%)
48236	10	0	5	5	(<1%)
48237	10	<5	0	<5	**
48238	390	132	163	295	(5%)
48239	10	<5	5	8	(<1%)
48242	10	0	<5	<5	
UNKNOWN	70	34	22	56	(1%)
TOTAL	7,360	2,510	3,041	5,551	(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

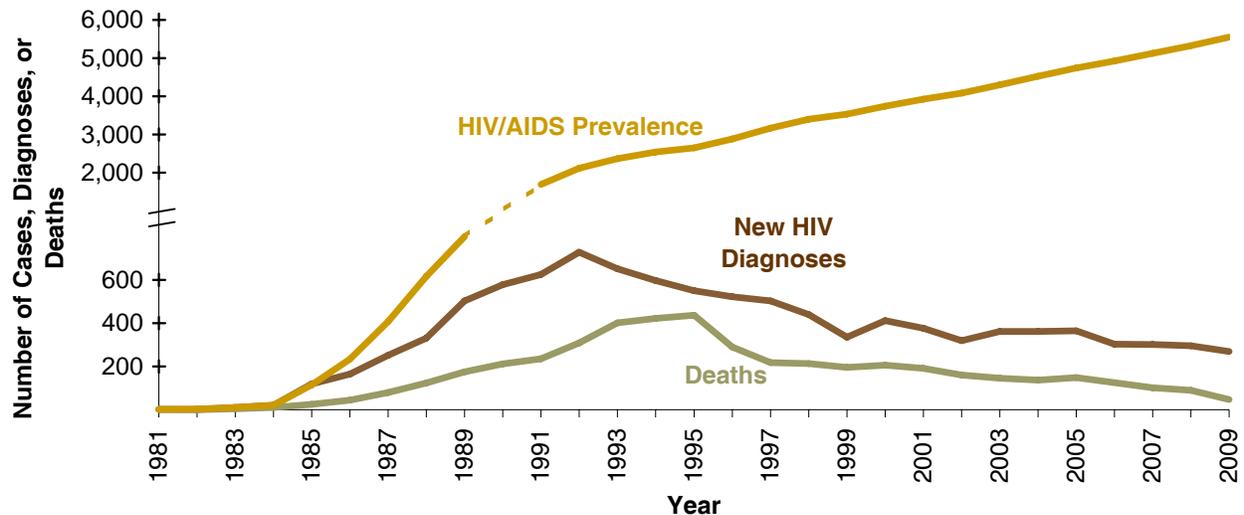
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	2	1	1	2	1	1
1982	2	0	3	2	0	3
1983	11	4	10	10	4	9
1984	21	11	20	21	11	19
1985	119	25	114	40	25	34
1986	164	44	234	74	41	67
1987	252	79	407	140	74	133
1988	331	123	615	213	121	225
1989	503	175	943	302	167	360
1990	578	212	1,309	346	203	503
1991	625	235	1,699	417	222	698
1992	728	309	2,118	584	292	990
1993	651	401	2,368	514	377	1,127
1994	596	421	2,543	482	391	1,218
1995	550	437	2,656	470	401	1,287
1996	522	290	2,888	378	270	1,395
1997	502	217	3,173	335	193	1,537
1998	439	213	3,399	313	190	1,660
1999	335	196	3,538	294	173	1,781
2000	411	205	3,744	322	176	1,927
2001	376	191	3,929	248	162	2,013
2002	319	160	4,088	258	146	2,125
2003	362	145	4,305	267	124	2,268
2004	362	137	4,530	258	119	2,407
2005	364	148	4,746	280	129	2,558
2006	303	125	4,924	222	108	2,672
2007	301	101	5,124	210	90	2,792
2008	295	90	5,329	211	78	2,925
2009	269	47	5,551	158	42	3,041
TOTAL	10,024	4,695		7,213	4,288	

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 5,551. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 3,041.

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	7,360	2,510	3,041	5,551	609	7,213
Michigan Total	18,800	6,695	7,676	14,371	144	16,678

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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