

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

	<i>EST PREV*</i>	<i>REPORTED PREVALENCE[†]</i>						<i>CENSUS 2007 ESTIMATES[§]</i>	
		<i>HIV, not AIDS</i>		<i>AIDS</i>		<i>Total</i>		<i>Number</i>	<i>Percent</i>
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>		
<i>RACE/ ETHNICITY[‡]</i>									
White	510	182	(7%)	211	(7%)	393	(7%)	508.1	77,350 (8%)
Black	6,350	2,200	(88%)	2,679	(89%)	4,879	(88%)	645.0	756,430 (82%)
Hispanic	210	71	(3%)	90	(3%)	161	(3%)	286.1	56,283 (6%)
Asian/PI	10	<5	**	7	(<1%)	11	(<1%)	108.6	10,127 (1%)
Am Indian/AN	10	5	(<1%)	<5	**	8	(<1%)	---	1,933 (<1%)
Multi/Unk	80	28	(1%)	33	(1%)	61	(1%)	N/A	14,829 (2%)
<i>SEX & RACE</i>									
Males	5,150	1,744	(70%)	2,208	(73%)	3,952	(72%)	917.0	430,956 (47%)
White Males	410	140	(6%)	175	(6%)	315	(6%)	N/A	N/A N/A
Black Males	4,500	1,523	(61%)	1,934	(64%)	3,457	(63%)	N/A	N/A N/A
Hispanic Males	160	54	(2%)	68	(2%)	122	(2%)	N/A	N/A N/A
Other Males	80	27	(1%)	31	(1%)	58	(1%)	N/A	N/A N/A
Females	2,030	746	(30%)	815	(27%)	1,561	(28%)	321.2	485,996 (53%)
White Females	100	42	(2%)	36	(1%)	78	(1%)	N/A	N/A N/A
Black Females	1,850	677	(27%)	745	(25%)	1,422	(26%)	N/A	N/A N/A
Hispanic Fmls	50	17	(1%)	22	(1%)	39	(1%)	N/A	N/A N/A
Other Females	30	10	(<1%)	12	(<1%)	22	(<1%)	N/A	N/A N/A
<i>RISK*</i>									
Male-Male Sex	3,010	965	(39%)	1,345	(44%)	2,310	(42%)	N/A	N/A N/A
Injection Drug Use	1,110	322	(13%)	527	(17%)	849	(15%)	N/A	N/A N/A
MSM/IDU	270	80	(3%)	125	(4%)	205	(4%)	N/A	N/A N/A
Blood Products	20	<5	**	11	(<1%)	12	(<1%)	N/A	N/A N/A
Heterosexual	1,440	524	(21%)	581	(19%)	1,105	(20%)	N/A	N/A N/A
HRH	1,020	342	(14%)	441	(15%)	783	(14%)	N/A	N/A N/A
PH-Female	420	182	(7%)	140	(5%)	322	(6%)	N/A	N/A N/A
Perinatal	100	57	(2%)	23	(1%)	80	(1%)	N/A	N/A N/A
Undetermined	1,240	541	(22%)	411	(14%)	952	(17%)	N/A	N/A N/A
PH-Male	610	234	(9%)	236	(8%)	470	(9%)	N/A	N/A N/A
Unknown	630	307	(12%)	175	(6%)	482	(9%)	N/A	N/A N/A
<i>AGE AT HIV DIAGNOSIS</i>									
0 - 12 years	110	58	(2%)	23	(1%)	81	(1%)	N/A	N/A N/A
13 - 19 years	380	187	(8%)	107	(4%)	294	(5%)	N/A	N/A N/A
20 - 24 years	890	391	(16%)	296	(10%)	687	(12%)	N/A	N/A N/A
25 - 29 years	1,070	406	(16%)	414	(14%)	820	(15%)	N/A	N/A N/A
30 - 39 years	2,460	756	(30%)	1,130	(37%)	1,886	(34%)	N/A	N/A N/A
40 - 49 years	1,610	492	(20%)	747	(25%)	1,239	(22%)	N/A	N/A N/A
50 - 59 years	530	161	(6%)	245	(8%)	406	(7%)	N/A	N/A N/A
60 years and over	130	39	(2%)	61	(2%)	100	(2%)	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
TOTAL	7,180	2,490 (100%)		3,023 (100%)		5,513 (100%)		601	916,952 (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: 77,350 / 393 = 197. Thus, 1 out of every 197 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	245 (78%)	1,977 (57%)	53 (43%)	35 (60%)	2,310 (58%)
Injecting Drug Use	18 (6%)	409 (12%)	24 (20%)	<5 **	454 (11%)
Male-Male Sex/IDU	14 (4%)	187 (5%)	<5 **	<5 **	205 (5%)
Blood Products	<5 **	6 (<1%)	0 (0%)	0 (0%)	9 (<1%)
Heterosexual*	8 (3%)	199 (6%)	11 (9%)	<5 **	220 (6%)
Perinatal	<5 **	38 (1%)	<5 **	<5 **	43 (1%)
Undetermined	24 (8%)	641 (19%)	31 (25%)	15 (26%)	711 (18%)
<i>PH-Male</i>	17 (5%)	424 (12%)	21 (17%)	8 (14%)	470 (12%)
<i>Unknown</i>	7 (2%)	217 (6%)	10 (8%)	7 (12%)	241 (6%)
Male Subtotal	315 (8%)	3,457 (87%)	122 (3%)	58 (1%)	3,952 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	28 (36%)	352 (25%)	8 (21%)	7 (32%)	395 (25%)
Blood Products	0 (0%)	<5 **	0 (0%)	0 (0%)	<5 **
Heterosexual	41 (53%)	806 (57%)	26 (67%)	12 (55%)	885 (57%)
<i>HRH</i>	32 (41%)	509 (36%)	18 (46%)	<5 **	563 (36%)
<i>PH-Female</i>	9 (12%)	297 (21%)	8 (21%)	8 (36%)	322 (21%)
Perinatal	<5 **	34 (2%)	<5 **	<5 **	37 (2%)
Undetermined*	8 (10%)	227 (16%)	<5 **	<5 **	241 (15%)
Female Subtotal	78 (5%)	1,422 (91%)	39 (2%)	22 (1%)	1,561 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	245 (62%)	1,977 (41%)	53 (33%)	35 (44%)	2,310 (42%)
Injecting Drug Use	46 (12%)	761 (16%)	32 (20%)	10 (13%)	849 (15%)
Male-Male Sex/IDU	14 (4%)	187 (4%)	<5 **	<5 **	205 (4%)
Blood Products	<5 **	9 (<1%)	0 (0%)	0 (0%)	12 (<1%)
Heterosexual	49 (12%)	1005 (21%)	37 (23%)	14 (18%)	1,105 (20%)
<i>HRH</i>	40 (10%)	708 (15%)	29 (18%)	6 (8%)	783 (14%)
<i>PH-Female</i>	9 (2%)	297 (6%)	8 (5%)	8 (10%)	322 (6%)
Perinatal	<5 **	72 (1%)	<5 **	<5 **	80 (1%)
Undetermined	32 (8%)	868 (18%)	35 (22%)	17 (21%)	952 (17%)
<i>PH-Male</i>	17 (4%)	424 (9%)	21 (13%)	8 (10%)	470 (9%)
<i>Unknown</i>	15 (4%)	444 (9%)	14 (9%)	9 (11%)	482 (9%)
RACE TOTAL	393 (7%)	4,879 (88%)	161 (3%)	80 (1%)	5,513 (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	330	125	131	256	(5%)
48202	370	129	155	284	(5%)
48203	270	110	101	211	(4%)
48204	310	104	136	240	(4%)
48205	380	142	150	292	(5%)
48206	360	119	158	277	(5%)
48207	270	78	131	209	(4%)
48208	160	65	57	122	(2%)
48209	170	62	65	127	(2%)
48210	190	63	81	144	(3%)
48211	90	35	36	71	(1%)
48212	90	36	36	72	(1%)
48213	330	120	136	256	(5%)
48214	370	122	160	282	(5%)
48215	200	72	78	150	(3%)
48216	50	17	22	39	(1%)
48217	60	20	24	44	(1%)
48218	10	0	<5	<5	**
48219	310	98	142	240	(4%)
48220	10	<5	<5	<5	**
48221	320	100	142	242	(4%)
48222	10	<5	<5	<5	**
48223	180	60	80	140	(3%)
48224	320	118	127	245	(4%)
48225	10	0	<5	<5	**
48226	120	35	58	93	(2%)
48227	430	140	190	330	(6%)
48228	380	137	152	289	(5%)
48229	10	<5	<5	<5	**
48230	10	0	<5	<5	**
48231	10	0	<5	<5	**
48234	280	95	121	216	(4%)
48235	330	111	142	253	(5%)
48236	10	0	5	5	(<1%)
48237	10	<5	0	<5	**
48238	380	127	164	291	(5%)
48239	10	5	5	10	(<1%)
48242	10	0	<5	<5	**
UNKNOWN	80	37	25	62	(1%)
TOTAL	7,180	2,490	3,023	5,513	(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	165	44	235	74	41	67
1987	252	79	408	140	74	133
1988	332	123	617	213	121	225
1989	502	175	944	302	167	360
1990	578	212	1,310	346	203	503
1991	625	235	1,700	417	222	698
1992	729	309	2,120	584	292	990
1993	653	401	2,372	514	377	1,127
1994	595	421	2,546	482	391	1,218
1995	551	437	2,660	470	401	1,287
1996	525	290	2,895	378	270	1,395
1997	505	217	3,183	335	193	1,537
1998	440	213	3,410	313	190	1,660
1999	335	196	3,549	294	173	1,781
2000	413	205	3,757	322	176	1,927
2001	376	191	3,942	247	162	2,012
2002	320	158	4,104	258	145	2,125
2003	361	135	4,330	267	116	2,276
2004	362	123	4,569	257	108	2,425
2005	361	131	4,799	280	121	2,584
2006	304	104	4,999	222	94	2,712
2007	300	92	5,207	210	84	2,838
2008	297	89	5,415	211	78	2,971
2009 [†]	128	30	5,513	79	27	3,023
TOTAL	10,164	4,651		7,290	4,267	

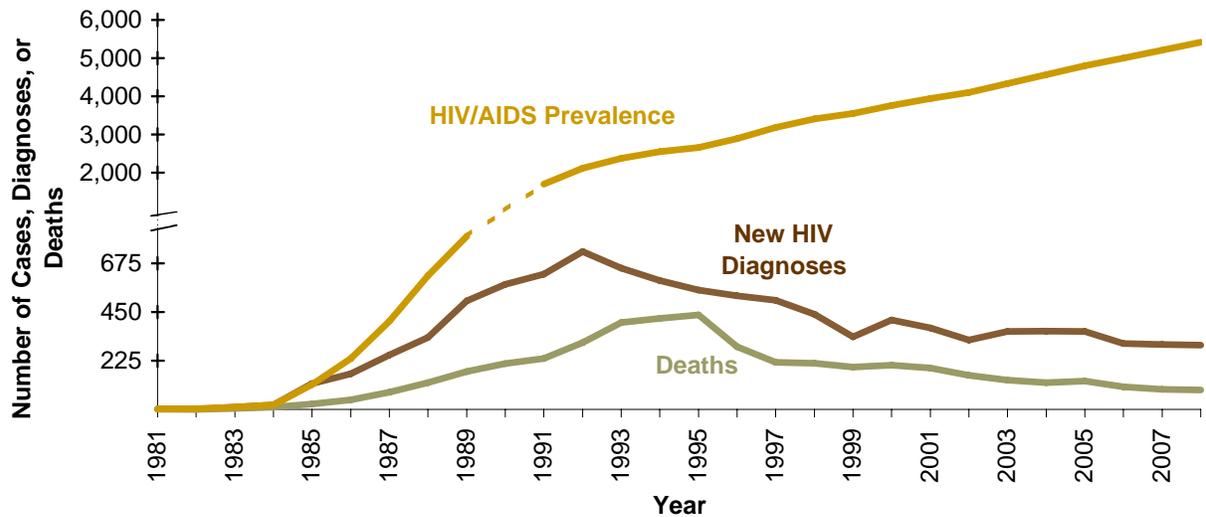
[†] Reporting for 2009 is incomplete at this time.

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 5,513. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 3,023.

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	7,180	2,490	3,023	5,513	601	7,290
Michigan Total	18,200	6,565	7,584	14,149	140	16,476

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 2009, 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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