

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

	<i>EST PREV*</i>	<i>REPORTED PREVALENCE<sup>†</sup></i>						<i>CENSUS 2008 ESTIMATES<sup>§</sup></i>	
		<i>HIV, not AIDS</i>		<i>AIDS</i>		<i>Total</i>		<i>Rate per 100,000<sup>¶</sup></i>	
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
<b><i>RACE/ ETHNICITY<sup>‡</sup></i></b>									
White	510	169	(7%)	212	(7%)	381	(7%)	498.3	76,460 (8%)
Black	6,690	2,235	(88%)	2,811	(89%)	5,046	(89%)	672.1	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	**	8	(<1%)	---	2,495 (<1%)
Multi/Unk	110	40	(2%)	46	(1%)	86	(2%)	N/A	11,280 (1%)
<b><i>SEX &amp; RACE</i></b>									
Males	5,450	1,784	(71%)	2,321	(73%)	4,105	(72%)	960.8	427,251 (47%)
White Males	410	130	(5%)	176	(6%)	306	(5%)	N/A	N/A N/A
Black Males	4,770	1,560	(62%)	2,036	(64%)	3,596	(63%)	N/A	N/A N/A
Hispanic Males	170	59	(2%)	69	(2%)	128	(2%)	N/A	N/A N/A
Other Males	100	35	(1%)	40	(1%)	75	(1%)	N/A	N/A N/A
Females	2,110	744	(29%)	850	(27%)	1,594	(28%)	328.8	484,811 (53%)
White Females	100	39	(2%)	36	(1%)	75	(1%)	N/A	N/A N/A
Black Females	1,920	675	(27%)	775	(24%)	1,450	(25%)	N/A	N/A N/A
Hispanic Fmls	50	16	(1%)	24	(1%)	40	(1%)	N/A	N/A N/A
Other Females	40	14	(1%)	15	(<1%)	29	(1%)	N/A	N/A N/A
<b><i>RISK*</i></b>									
Male-Male Sex	3,200	1,011	(40%)	1,405	(44%)	2,416	(42%)	N/A	N/A N/A
Injection Drug Use	1,090	297	(12%)	522	(16%)	819	(14%)	N/A	N/A N/A
MSM/IDU	270	79	(3%)	128	(4%)	207	(4%)	N/A	N/A N/A
Blood Products	20	0	(0%)	12	(<1%)	12	(<1%)	N/A	N/A N/A
Heterosexual	1,530	532	(21%)	621	(20%)	1,153	(20%)	N/A	N/A N/A
HRH	1,040	326	(13%)	457	(14%)	783	(14%)	N/A	N/A N/A
PH-Female	490	206	(8%)	164	(5%)	370	(6%)	N/A	N/A N/A
Perinatal	100	55	(2%)	24	(1%)	79	(1%)	N/A	N/A N/A
Undetermined	1,340	554	(22%)	459	(14%)	1,013	(18%)	N/A	N/A N/A
PH-Male	670	234	(9%)	270	(9%)	504	(9%)	N/A	N/A N/A
Unknown	680	320	(13%)	189	(6%)	509	(9%)	N/A	N/A N/A
<b><i>AGE AT HIV DIAGNOSIS</i></b>									
0 - 12 years	110	57	(2%)	24	(1%)	81	(1%)	N/A	N/A N/A
13 - 19 years	440	200	(8%)	128	(4%)	328	(6%)	N/A	N/A N/A
20 - 24 years	1,010	430	(17%)	335	(11%)	765	(13%)	N/A	N/A N/A
25 - 29 years	1,130	419	(17%)	432	(14%)	851	(15%)	N/A	N/A N/A
30 - 39 years	2,520	739	(29%)	1,164	(37%)	1,903	(33%)	N/A	N/A N/A
40 - 49 years	1,660	470	(19%)	778	(25%)	1,248	(22%)	N/A	N/A N/A
50 - 59 years	560	175	(7%)	249	(8%)	424	(7%)	N/A	N/A N/A
60 years and over	130	38	(2%)	61	(2%)	99	(2%)	N/A	N/A N/A
Unspecified	0	0	(0%)	0	(0%)	0	(0%)	N/A	N/A N/A
<b>TOTAL</b>	<b>7,560</b>	<b>2,528 (100%)</b>		<b>3,171 (100%)</b>		<b>5,699 (100%)</b>		<b>625</b>	<b>912,062 (100%)</b>

\*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.

<sup>†</sup> Includes reports that contain patient name or are otherwise unduplicated. <5 and \*\* = 1, 2, 3, or 4 cases.

<sup>§</sup> Estimated census data for sex by race are not available for sub-county areas.

<sup>¶</sup> 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 "---".

<sup>\*\*</sup> 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**

<b>MALES</b>	<b>White</b>		<b>Black</b>		<b>Hispanic</b>		<b>Other or Unknown</b>		<b>Male Subtotal</b>	
Male-Male sex	237	(77%)	2,071	(58%)	60	(47%)	48	(64%)	2,416	(59%)
Injecting Drug Use	17	(6%)	386	(11%)	22	(17%)	<5	**	429	(10%)
Male-Male Sex/IDU	14	(5%)	187	(5%)	<5	**	<5	**	207	(5%)
Blood Products	<5	**	6	(<1%)	0	(0%)	0	(0%)	9	(<1%)
Heterosexual*	9	(3%)	207	(6%)	10	(8%)	<5	**	228	(6%)
Perinatal	<5	**	39	(1%)	<5	**	<5	**	44	(1%)
Undetermined	23	(8%)	700	(19%)	32	(25%)	17	(23%)	772	(19%)
<i>PH-Male</i>	15	(5%)	456	(13%)	23	(18%)	10	(13%)	504	(12%)
<i>Unknown</i>	8	(3%)	244	(7%)	9	(7%)	7	(9%)	268	(7%)
<b>Male Subtotal</b>	<b>306</b>	<b>(7%)</b>	<b>3,596</b>	<b>(88%)</b>	<b>128</b>	<b>(3%)</b>	<b>75</b>	<b>(2%)</b>	<b>4,105</b>	<b>(100%)</b>
<b>FEMALES</b>	<b>White</b>		<b>Black</b>		<b>Hispanic</b>		<b>Other or Unknown</b>		<b>Female Subtotal</b>	
Injecting Drug Use	27	(36%)	347	(24%)	8	(20%)	8	(28%)	390	(24%)
Blood Products	0	(0%)	<5	**	0	(0%)	0	(0%)	<5	**
Heterosexual	37	(49%)	844	(58%)	26	(65%)	18	(62%)	925	(58%)
<i>HRH</i>	29	(39%)	500	(34%)	18	(45%)	8	(28%)	555	(35%)
<i>PH-Female</i>	8	(11%)	344	(24%)	8	(20%)	10	(34%)	370	(23%)
Perinatal	<5	**	32	(2%)	<5	**	<5	**	35	(2%)
Undetermined*	10	(13%)	224	(15%)	5	(13%)	<5	**	241	(15%)
<b>Female Subtotal</b>	<b>75</b>	<b>(5%)</b>	<b>1,450</b>	<b>(91%)</b>	<b>40</b>	<b>(3%)</b>	<b>29</b>	<b>(2%)</b>	<b>1,594</b>	<b>(100%)</b>
<b>TOTAL</b>	<b>White</b>		<b>Black</b>		<b>Hispanic</b>		<b>Other or Unknown</b>		<b>Risk Total</b>	
Male-Male sex	237	(62%)	2,071	(41%)	60	(36%)	48	(46%)	2,416	(42%)
Injecting Drug Use	44	(12%)	733	(15%)	30	(18%)	12	(12%)	819	(14%)
Male-Male Sex/IDU	14	(4%)	187	(4%)	<5	**	<5	**	207	(4%)
Blood Products	<5	**	9	(<1%)	0	(0%)	0	(0%)	12	(<1%)
Heterosexual	46	(12%)	1,051	(21%)	36	(21%)	20	(19%)	1,153	(20%)
<i>HRH</i>	38	(10%)	707	(14%)	28	(17%)	10	(10%)	783	(14%)
<i>PH-Female</i>	8	(2%)	344	(7%)	8	(5%)	10	(10%)	370	(6%)
Perinatal	<5	**	71	(1%)	<5	**	<5	**	79	(1%)
Undetermined	33	(9%)	924	(18%)	37	(22%)	19	(18%)	1,013	(18%)
<i>PH-Male</i>	15	(4%)	456	(9%)	23	(14%)	10	(10%)	504	(9%)
<i>Unknown</i>	18	(5%)	468	(9%)	14	(8%)	9	(9%)	509	(9%)
<b>RACE TOTAL</b>	<b>381</b>	<b>(7%)</b>	<b>5,046</b>	<b>(89%)</b>	<b>168</b>	<b>(3%)</b>	<b>104</b>	<b>(2%)</b>	<b>5,699</b>	<b>(100%)</b>

\*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 <sup>†</sup>			Total Number	Percent of all Detroit cases living in zip code <sup>§</sup>
		HIV, not AIDS	AIDS			
48201	340	121	134	255	(4%)	
48202	390	133	162	295	(5%)	
48203	270	106	99	205	(4%)	
48204	320	101	141	242	(4%)	
48205	420	159	156	315	(6%)	
48206	360	106	164	270	(5%)	
48207	280	78	134	212	(4%)	
48208	160	61	61	122	(2%)	
48209	170	62	68	130	(2%)	
48210	200	59	90	149	(3%)	
48211	100	35	39	74	(1%)	
48212	90	34	35	69	(1%)	
48213	370	137	139	276	(5%)	
48214	390	121	173	294	(5%)	
48215	200	65	83	148	(3%)	
48216	60	19	26	45	(1%)	
48217	70	24	26	50	(1%)	
48218	10	0	<5	<5	**	
48219	350	101	161	262	(5%)	
48220	10	<5	<5	<5	**	
48221	330	101	144	245	(4%)	
48222	10	<5	<5	<5	**	
48223	200	65	83	148	(3%)	
48224	340	123	131	254	(4%)	
48225	10	0	<5	<5	**	
48226	130	35	64	99	(2%)	
48227	450	148	190	338	(6%)	
48228	410	147	163	310	(5%)	
48229	10	<5	<5	<5	**	
48230	10	0	<5	<5	**	
48231	10	0	<5	<5	**	
48234	290	88	132	220	(4%)	
48235	360	115	159	274	(5%)	
48236	10	0	5	5	(<1%)	
48237	10	<5	0	<5	**	
48238	410	142	169	311	(5%)	
48239	10	<5	5	8	(<1%)	
48242	10	0	<5	<5		
<b>UNKNOWN</b>	70	31	22	53	(1%)	
<b>TOTAL</b>	<b>7,560</b>	<b>2,528</b>	<b>3,171</b>	<b>5,699</b>	<b>(100%)</b>	

\*See page 5 for descriptions of prevalence estimate calculations.

<sup>†</sup> 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**

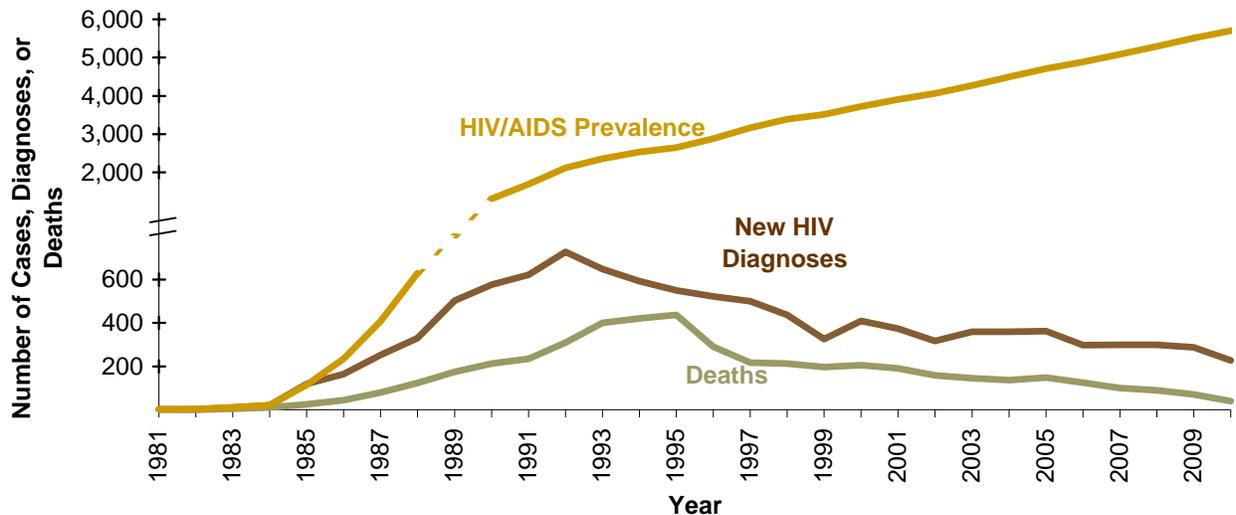
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	2	1	1	2	1	1
1982	2	0	3	2	0	3
1983	11	4	10	10	4	9
1984	21	11	20	21	11	19
1985	119	25	114	40	25	34
1986	164	44	234	74	41	67
1987	253	79	408	140	74	133
1988	330	123	615	213	121	225
1989	503	175	943	302	167	360
1990	577	212	1,308	346	203	503
1991	622	235	1,695	417	222	698
1992	728	309	2,114	584	292	990
1993	649	401	2,362	514	377	1,127
1994	593	421	2,534	482	391	1,218
1995	550	437	2,647	470	401	1,287
1996	522	290	2,879	378	270	1,395
1997	500	217	3,162	335	193	1,537
1998	437	213	3,386	313	190	1,660
1999	325	196	3,515	293	173	1,780
2000	409	205	3,719	322	176	1,926
2001	374	191	3,902	248	162	2,012
2002	317	159	4,060	258	145	2,125
2003	359	145	4,274	267	124	2,268
2004	360	137	4,497	259	119	2,408
2005	362	148	4,711	294	129	2,573
2006	298	125	4,884	216	108	2,681
2007	299	100	5,083	206	89	2,798
2008	299	89	5,293	208	78	2,928
2009	288	71	5,510	186	64	3,050
2010	228	39	<b>5,699</b>	159	38	<b>3,171</b>
<b>TOTAL</b>	<b>10,501</b>	<b>4,802</b>		<b>7,559</b>	<b>4,388</b>	

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 5,699. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 3,171.

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	7,560	2,528	3,171	5,699	625	7,559
Michigan Total	19,500	6,846	8,049	14,895	149	17,184

## 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 2011, 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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