

**TABLE 1. Demographic Information on Prevalent HIV/AIDS Cases Living in WAYNE CO. (excluding Detroit) at Diagnosis**

	<i>EST PREV*</i>	<i>REPORTED PREVALENCE<sup>†</sup></i>						<i>CENSUS 2008 ESTIMATES<sup>§</sup></i>		
	Number	HIV, not AIDS		AIDS		Total		Rate per 100,000 <sup>¶</sup>	Number	Percent
		Number	Percent	Number	Percent	Number	Percent			
<b>RACE/ ETHNICITY<sup>‡</sup></b>										
White	930	302	(46%)	408	(47%)	710	(47%)	78.5	905,033	(89%)
Black	940	317	(48%)	400	(46%)	717	(47%)	1843.0	38,904	(4%)
Hispanic	50	17	(3%)	24	(3%)	41	(3%)	113.9	35,982	(4%)
Asian/PI	10	<5	**	7	(1%)	11	(1%)	28.2	39,056	(4%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	3,494	(<1%)
Multi/Unk	50	15	(2%)	22	(3%)	37	(2%)	N/A	15,398	(2%)
<b>SEX &amp; RACE</b>										
Males	1,580	503	(77%)	697	(81%)	1200	(79%)	234.0	512,762	(51%)
White Males	830	256	(39%)	378	(44%)	634	(42%)	N/A	N/A	N/A
Black Males	650	218	(33%)	276	(32%)	494	(33%)	N/A	N/A	N/A
Hispanic Males	40	14	(2%)	18	(2%)	32	(2%)	N/A	N/A	N/A
Other Males	50	15	(2%)	25	(3%)	40	(3%)	N/A	N/A	N/A
Females	410	152	(23%)	164	(19%)	316	(21%)	60.2	525,105	(52%)
White Females	100	46	(7%)	30	(3%)	76	(5%)	N/A	N/A	N/A
Black Females	290	99	(15%)	124	(14%)	223	(15%)	N/A	N/A	N/A
Hispanic Fmls	10	<5	**	6	(1%)	9	(1%)	N/A	N/A	N/A
Other Females	10	<5	**	<5	**	8	(1%)	N/A	N/A	N/A
<b>RISK*</b>										
Male-Male Sex	1,040	334	(51%)	461	(54%)	795	(52%)	N/A	N/A	N/A
Injection Drug Use	170	50	(8%)	77	(9%)	127	(8%)	N/A	N/A	N/A
MSM/IDU	80	19	(3%)	45	(5%)	64	(4%)	N/A	N/A	N/A
Blood Products	10	<5	**	5	(1%)	9	(1%)	N/A	N/A	N/A
Heterosexual	320	102	(16%)	140	(16%)	242	(16%)	N/A	N/A	N/A
HRH	200	54	(8%)	97	(11%)	151	(10%)	N/A	N/A	N/A
PH-Female	120	48	(7%)	43	(5%)	91	(6%)	N/A	N/A	N/A
Perinatal	10	6	(1%)	5	(1%)	11	(1%)	N/A	N/A	N/A
Undetermined	350	140	(21%)	128	(15%)	268	(18%)	N/A	N/A	N/A
PH-Male	180	58	(9%)	77	(9%)	135	(9%)	N/A	N/A	N/A
Unknown	170	82	(13%)	51	(6%)	133	(9%)	N/A	N/A	N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	20	7	(1%)	6	(1%)	13	(1%)	N/A	N/A	N/A
13 - 19 years	80	43	(7%)	21	(2%)	64	(4%)	N/A	N/A	N/A
20 - 24 years	230	103	(16%)	72	(8%)	175	(12%)	N/A	N/A	N/A
25 - 29 years	330	111	(17%)	141	(16%)	252	(17%)	N/A	N/A	N/A
30 - 39 years	680	186	(28%)	335	(39%)	521	(34%)	N/A	N/A	N/A
40 - 49 years	440	131	(20%)	202	(23%)	333	(22%)	N/A	N/A	N/A
50 - 59 years	170	59	(9%)	68	(8%)	127	(8%)	N/A	N/A	N/A
60 years and over	40	12	(2%)	16	(2%)	28	(2%)	N/A	N/A	N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A
<b>TOTAL</b>	<b>1,990</b>	<b>655</b>	<b>(100%)</b>	<b>861</b>	<b>(100%)</b>	<b>1,516</b>	<b>(100%)</b>	<b>149</b>	<b>1,014,927</b>	<b>(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: 905,033 / 710 = 1,275. Thus, 1 out of every 1,275 non-Hispanic white persons in WAYNE CO. (excl. 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 WAYNE CO. (excl 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	466	(74%)	280	(57%)	23	(72%)	26	(65%)	795	(66%)
Injecting Drug Use	28	(4%)	41	(8%)	<5	**	<5	**	72	(6%)
Male-Male Sex/IDU	35	(6%)	26	(5%)	<5	**	<5	**	64	(5%)
Blood Products	7	(1%)	0	(0%)	0	(0%)	0	(0%)	7	(1%)
Heterosexual*	19	(3%)	20	(4%)	<5	**	0	(0%)	40	(3%)
Perinatal	<5	**	5	(1%)	0	(0%)	0	(0%)	7	(1%)
Undetermined	77	(12%)	122	(25%)	6	(19%)	10	(25%)	215	(18%)
<i>PH-Male</i>	48	(8%)	79	(16%)	<5	**	<5	**	135	(11%)
<i>Unknown</i>	29	(5%)	43	(9%)	<5	**	6	(15%)	80	(7%)
<b>Male Subtotal</b>	<b>634</b>	<b>(53%)</b>	<b>494</b>	<b>(41%)</b>	<b>32</b>	<b>(3%)</b>	<b>40</b>	<b>(3%)</b>	<b>1200</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	13	(17%)	39	(17%)	<5	**	<5	**	55	(17%)
Blood Products	<5	**	0	(0%)	<5	**	0	(0%)	<5	**
Heterosexual	55	(72%)	136	(61%)	6	(67%)	5	(63%)	202	(64%)
<i>HRH</i>	36	(47%)	68	(30%)	<5	**	<5	**	111	(35%)
<i>PH-Female</i>	19	(25%)	68	(30%)	<5	**	<5	**	91	(29%)
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	7	(9%)	45	(20%)	0	(0%)	<5	**	53	(17%)
<b>Female Subtotal</b>	<b>76</b>	<b>(24%)</b>	<b>223</b>	<b>(71%)</b>	<b>9</b>	<b>(3%)</b>	<b>8</b>	<b>(3%)</b>	<b>316</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	466	(66%)	280	(39%)	23	(56%)	26	(54%)	795	(52%)
Injecting Drug Use	41	(6%)	80	(11%)	<5	**	<5	**	127	(8%)
Male-Male Sex/IDU	35	(5%)	26	(4%)	<5	**	<5	**	64	(4%)
Blood Products	8	(1%)	0	(0%)	<5	**	0	(0%)	9	(1%)
Heterosexual	74	(10%)	156	(22%)	7	(17%)	5	(10%)	242	(16%)
<i>HRH</i>	55	(8%)	88	(12%)	<5	**	<5	**	151	(10%)
<i>PH-Female</i>	19	(3%)	68	(9%)	<5	**	<5	**	91	(6%)
Perinatal	<5	**	8	(1%)	<5	**	0	(0%)	11	(1%)
Undetermined	84	(12%)	167	(23%)	6	(15%)	11	(23%)	268	(18%)
<i>PH-Male</i>	48	(7%)	79	(11%)	<5	**	<5	**	135	(9%)
<i>Unknown</i>	36	(5%)	88	(12%)	<5	**	7	(15%)	133	(9%)
<b>RACE TOTAL</b>	<b>710</b>	<b>(47%)</b>	<b>717</b>	<b>(47%)</b>	<b>41</b>	<b>(3%)</b>	<b>48</b>	<b>(3%)</b>	<b>1516</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 WAYNE CO.  
(excluding Detroit) According to City of Residence at  
Diagnosis**

CITY OF RESIDENCE AT DIAGNOSIS	EST PREV*	REPORTED PREVALENCE <sup>†</sup>			
		HIV, not AIDS	AIDS	Total	
				Number	Percent
Allen Park	20	10	7	17	(1%)
Belleville	80	27	35	62	(4%)
Brownstown Township	10	<5	<5	5	(<1%)
Canton	80	32	26	58	(4%)
Dearborn	130	45	53	98	(6%)
Dearborn Heights	80	29	29	58	(4%)
Ecorse	40	14	18	32	(2%)
Flat Rock	10	<5	5	6	(<1%)
Garden City	20	8	10	18	(1%)
Gibraltar	10	0	<5	<5	**
Grosse Ile	10	<5	<5	<5	**
Grosse Pointe	30	8	16	24	(2%)
Grosse Pointe Farms	10	<5	<5	5	(<1%)
Grosse Pointe Park	10	<5	0	<5	**
Grosse Pointe Woods	10	<5	<5	5	(<1%)
Hamtramck	110	39	44	83	(5%)
Harper Woods	30	9	12	21	(1%)
Highland Park	290	98	126	224	(15%)
Inkster	180	50	89	139	(9%)
Lincoln Park	60	19	26	45	(3%)
Livonia	90	34	37	71	(5%)
Melvindale	20	6	6	12	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	9	7	16	(1%)
Plymouth	20	10	6	16	(1%)
Redford Township	120	40	54	94	(6%)
River Rouge	40	15	15	30	(2%)
Riverview	10	<5	6	10	(1%)
Rockwood	10	<5	<5	<5	**
Romulus	70	24	26	50	(3%)
Southgate	30	12	11	23	(2%)
Taylor	110	30	55	85	(6%)
Trenton	20	<5	11	13	(1%)
Wayne	30	5	21	26	(2%)
Westland	160	50	70	120	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	9	21	30	(2%)
<b>UNKNOWN</b>	10	<5	<5	<5	**
<b>TOTAL</b>	<b>1,990</b>	<b>655</b>	<b>861</b>	<b>1516</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 WAYNE CO. (excluding Detroit) by Year**

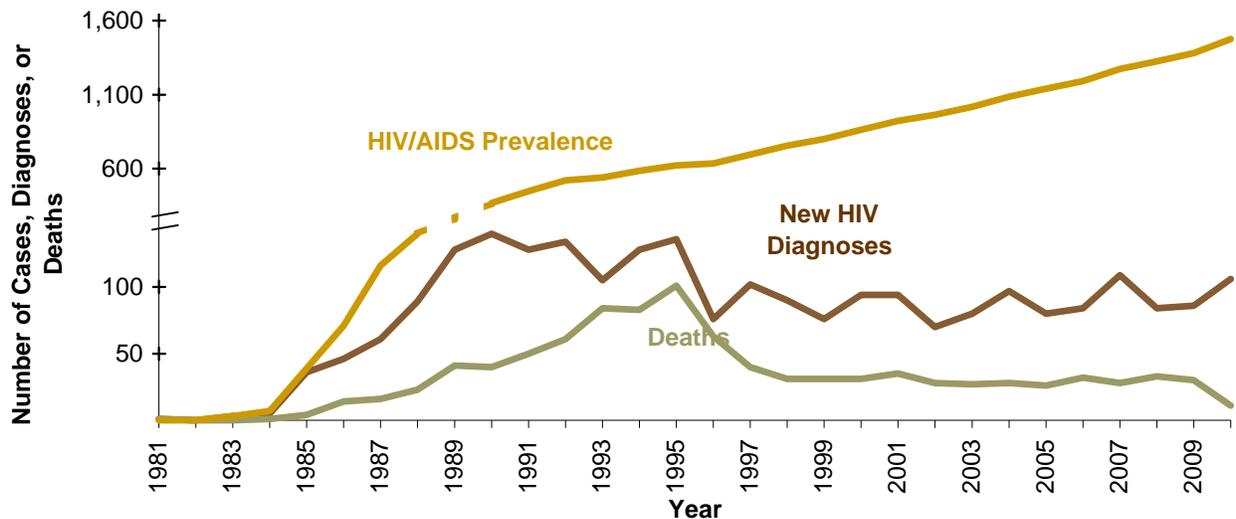
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	1	1	0	1	1	0
1982	0	0	0	0	0	0
1983	3	0	3	3	0	3
1984	5	1	7	4	1	6
1985	36	4	39	11	4	13
1986	46	14	71	14	14	13
1987	61	16	116	25	15	23
1988	89	23	182	49	21	51
1989	128	41	269	78	41	88
1990	140	40	369	77	38	127
1991	128	50	447	94	50	171
1992	134	61	520	117	58	230
1993	105	84	541	102	79	253
1994	128	83	586	100	77	276
1995	136	101	621	113	93	296
1996	76	63	634	67	60	303
1997	102	40	696	67	33	337
1998	90	31	755	69	26	380
1999	76	31	800	50	26	404
2000	94	31	863	67	26	445
2001	94	35	922	54	27	472
2002	70	28	964	59	23	508
2003	80	27	1,017	58	22	544
2004	97	28	1,086	59	24	579
2005	80	26	1,140	68	22	625
2006	84	32	1,192	72	30	667
2007	109	28	1,273	75	26	716
2008	84	33	1,324	67	30	753
2009	86	30	1,380	56	29	780
2010	106	11	1,475	61	7	834
2011	46	5	<b>1,516</b>	29	2	<b>861</b>
<b>TOTAL</b>	<b>2,468</b>	<b>993</b>		<b>1,737</b>	<b>903</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 WAYNE CO. is 1,516. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 861.

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 WAYNE CO. (excl Detroit) by Year****TABLE 5. Comparison of HIV/AIDS Prevalence in WAYNE CO. (excl Detroit) to State**

Residence at Diagnosis	Estimated Prevalence	Reported Prevalence				Cumulative AIDS
		HIV, not AIDS	AIDS	Total	Rate	
Wayne Co.	1,990	655	861	1,516	149	1,737
Michigan Total	19,500	6,935	8,065	15,000	150	17,584

## ADDITIONAL NOTES

### Prevalence Estimate Calculations

HIV prevalence estimates include all persons living in WAYNE CO. 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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