

**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>	
		<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	910	305	(48%)	403	(48%)	708	(48%)	78	905,033 (87%)
Black	890	304	(48%)	390	(47%)	694	(47%)	1,784	38,904 (4%)
Hispanic	40	14	(2%)	20	(2%)	34	(2%)	94	35,982 (3%)
Asian/PI	10	<5	**	7	(1%)	11	(1%)	28	39,056 (4%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	3,494 (<1%)
Multi/Unk	40	12	(2%)	18	(2%)	30	(2%)	N/A	15,398 (1%)
<b><i>SEX &amp; RACE</i></b>									
Males	1,510	486	(76%)	687	(82%)	1,173	(79%)	229	512,762 (49%)
White Males	810	259	(41%)	374	(45%)	633	(43%)	N/A	N/A N/A
Black Males	620	204	(32%)	276	(33%)	480	(32%)	N/A	N/A N/A
Hispanic Males	30	11	(2%)	16	(2%)	27	(2%)	N/A	N/A N/A
Other Males	40	12	(2%)	21	(3%)	33	(2%)	N/A	N/A N/A
Females	390	153	(24%)	151	(18%)	304	(21%)	58	525,105 (51%)
White Females	100	46	(7%)	29	(3%)	75	(5%)	N/A	N/A N/A
Black Females	280	100	(16%)	114	(14%)	214	(14%)	N/A	N/A N/A
Hispanic Fmls	10	<5	**	<5	**	7	(<1%)	N/A	N/A N/A
Other Females	10	<5	**	<5	**	8	(1%)	N/A	N/A N/A
<b><i>RISK*</i></b>									
Male-Male Sex	990	316	(49%)	457	(55%)	773	(52%)	N/A	N/A N/A
Injection Drug Use	170	57	(9%)	77	(9%)	134	(9%)	N/A	N/A N/A
MSM/IDU	80	19	(3%)	46	(5%)	65	(4%)	N/A	N/A N/A
Blood Products	10	<5	**	5	(1%)	9	(1%)	N/A	N/A N/A
Heterosexual	300	103	(16%)	132	(16%)	235	(16%)	N/A	N/A N/A
HRH	200	57	(9%)	96	(11%)	153	(10%)	N/A	N/A N/A
PH-Female	110	46	(7%)	36	(4%)	82	(6%)	N/A	N/A N/A
Perinatal	10	7	(1%)	<5	**	10	(1%)	N/A	N/A N/A
Undetermined	320	133	(21%)	118	(14%)	251	(17%)	N/A	N/A N/A
PH-Male	170	56	(9%)	74	(9%)	130	(9%)	N/A	N/A N/A
Unknown	160	77	(12%)	44	(5%)	121	(8%)	N/A	N/A N/A
<b><i>AGE AT HIV DIAGNOSIS</i></b>									
0 - 12 years	20	8	(1%)	<5	**	12	(1%)	N/A	N/A N/A
13 - 19 years	80	42	(7%)	19	(2%)	61	(4%)	N/A	N/A N/A
20 - 24 years	210	89	(14%)	71	(8%)	160	(11%)	N/A	N/A N/A
25 - 29 years	310	106	(17%)	136	(16%)	242	(16%)	N/A	N/A N/A
30 - 39 years	660	190	(30%)	326	(39%)	516	(35%)	N/A	N/A N/A
40 - 49 years	430	131	(21%)	200	(24%)	331	(22%)	N/A	N/A N/A
50 - 59 years	160	57	(9%)	69	(8%)	126	(9%)	N/A	N/A N/A
60 years and over	30	13	(2%)	13	(2%)	26	(2%)	N/A	N/A N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A N/A
<b>TOTAL</b>	<b>1,900</b>	<b>639 (100%)</b>		<b>838 (100%)</b>		<b>1,477 (100%)</b>		<b>142</b>	<b>1,037,867 (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/ 708 = 1,279. Thus, 1 out of every 1,279 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	464 (73%)	272 (57%)	19 (70%)	18 (55%)	773 (66%)
Injecting Drug Use	32 (5%)	43 (9%)	<5 **	<5 **	78 (7%)
Male-Male Sex/IDU	32 (5%)	30 (6%)	<5 **	<5 **	65 (6%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	21 (3%)	19 (4%)	<5 **	0 (0%)	41 (3%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	7 (1%)
Undetermined	75 (12%)	111 (23%)	5 (19%)	11 (33%)	202 (17%)
<i>PH-Male</i>	49 (8%)	74 (15%)	<5 **	5 (15%)	130 (11%)
<i>Unknown</i>	26 (4%)	37 (8%)	<5 **	6 (18%)	72 (6%)
<b>Male Subtotal</b>	<b>633 (54%)</b>	<b>480 (41%)</b>	<b>27 (2%)</b>	<b>33 (3%)</b>	<b>1,173 (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	15 (20%)	40 (19%)	0 (0%)	<5 **	56 (18%)
Blood Products	<5 **	0 (0%)	<5 **	0 (0%)	<5 **
Heterosexual	53 (71%)	130 (61%)	5 (71%)	6 (75%)	194 (64%)
<i>HRH</i>	36 (48%)	68 (32%)	<5 **	5 (63%)	112 (37%)
<i>PH-Female</i>	17 (23%)	62 (29%)	<5 **	<5 **	82 (27%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	6 (8%)	42 (20%)	0 (0%)	<5 **	49 (16%)
<b>Female Subtotal</b>	<b>75 (25%)</b>	<b>214 (70%)</b>	<b>7 (2%)</b>	<b>8 (3%)</b>	<b>304 (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	464 (66%)	272 (39%)	19 (56%)	18 (44%)	773 (52%)
Injecting Drug Use	47 (7%)	83 (12%)	<5 **	<5 **	134 (9%)
Male-Male Sex/IDU	32 (5%)	30 (4%)	<5 **	<5 **	65 (4%)
Blood Products	8 (1%)	0 (0%)	<5 **	0 (0%)	9 (1%)
Heterosexual	74 (10%)	149 (21%)	6 (18%)	6 (15%)	235 (16%)
<i>HRH</i>	57 (8%)	87 (13%)	<5 **	5 (12%)	153 (10%)
<i>PH-Female</i>	17 (2%)	62 (9%)	<5 **	<5 **	82 (6%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	10 (1%)
Undetermined	81 (11%)	153 (22%)	5 (15%)	12 (29%)	251 (17%)
<i>PH-Male</i>	49 (7%)	74 (11%)	<5 **	5 (12%)	130 (9%)
<i>Unknown</i>	32 (5%)	79 (11%)	<5 **	7 (17%)	121 (8%)
<b>RACE TOTAL</b>	<b>708 (48%)</b>	<b>694 (47%)</b>	<b>34 (2%)</b>	<b>41 (3%)</b>	<b>1,477 (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**

<i>CITY OF RESIDENCE AT DIAGNOSIS</i>	<i>EST PREV*</i>	<i>REPORTED PREVALENCE<sup>†</sup></i>			
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>	
				<i>Number</i>	<i>Percent</i>
Allen Park	20	8	7	15	(1%)
Belleville	80	26	34	60	(4%)
Brownstown Township	10	<5	<5	<5	**
Canton	70	27	25	52	(4%)
Dearborn	120	45	50	95	(6%)
Dearborn Heights	70	27	30	57	(4%)
Ecorse	40	14	16	30	(2%)
Flat Rock	10	<5	6	7	(<1%)
Garden City	30	10	10	20	(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	37	46	83	(6%)
Harper Woods	30	10	13	23	(2%)
Highland Park	290	98	127	225	(15%)
Inkster	170	50	84	134	(9%)
Lincoln Park	60	19	25	44	(3%)
Livonia	90	32	37	69	(5%)
Melvindale	20	6	6	12	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	7	7	14	(1%)
Plymouth	20	10	7	17	(1%)
Redford Township	110	38	47	85	(6%)
River Rouge	40	15	14	29	(2%)
Riverview	10	<5	6	10	(1%)
Rockwood	10	<5	<5	<5	**
Romulus	60	24	26	50	(3%)
Southgate	30	12	9	21	(1%)
Taylor	110	31	51	82	(6%)
Trenton	20	<5	13	15	(1%)
Wayne	40	5	23	28	(2%)
Westland	150	51	65	116	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	9	20	29	(2%)
<b>UNKNOWN</b>	10	<5	<5	<5	**
<b>TOTAL</b>	<b>1,900</b>	<b>639</b>	<b>838</b>	<b>1,477</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	47	14	72	14	14	13
1987	61	16	117	25	15	23
1988	88	23	182	49	21	51
1989	128	41	269	78	41	88
1990	140	40	369	77	38	127
1991	126	50	445	94	50	171
1992	134	61	518	117	58	230
1993	106	84	540	102	79	253
1994	127	83	584	100	77	276
1995	134	101	617	112	93	295
1996	74	63	628	67	60	302
1997	102	40	690	67	33	336
1998	90	31	749	69	26	379
1999	77	31	795	50	26	403
2000	93	31	857	67	26	444
2001	96	35	918	54	27	471
2002	68	23	963	58	19	510
2003	81	21	1,023	58	19	549
2004	95	28	1,090	59	24	584
2005	81	24	1,147	66	20	630
2006	84	25	1,206	71	23	678
2007	110	22	1,294	75	21	732
2008	85	28	1,351	66	27	771
2009	85	21	1,415	55	21	805
2010 <sup>†</sup>	69	7	<b>1,477</b>	38	5	<b>838</b>
<b>TOTAL</b>	<b>2,426</b>	<b>949</b>		<b>1,707</b>	<b>869</b>	

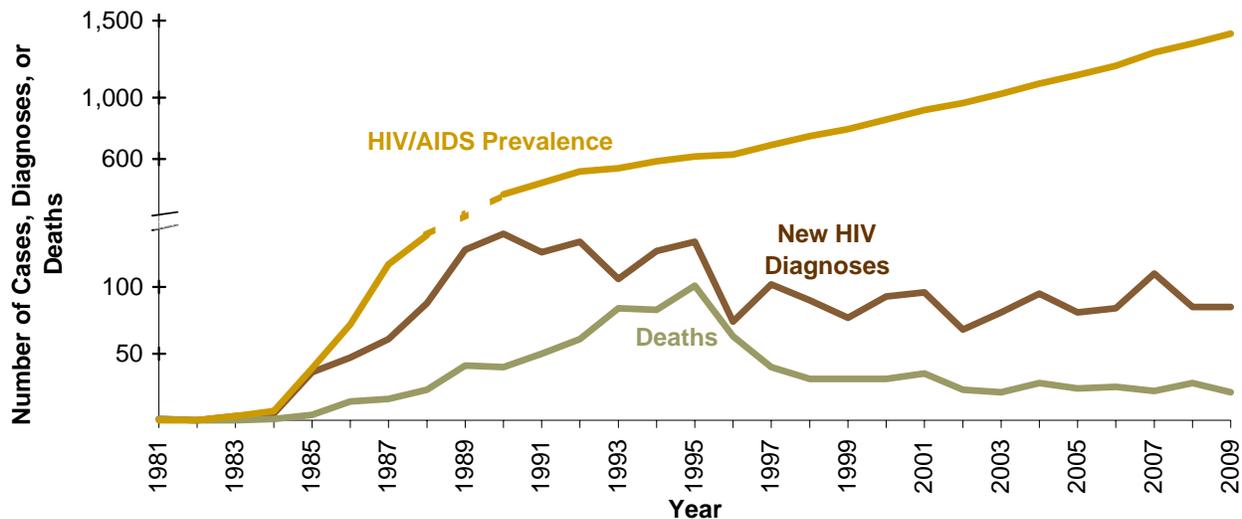
<sup>†</sup> Reporting for 2010 is incomplete at this time.

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 WAYNE CO. is 1,477. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 838.

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.	1,900	639	838	1,477	142	1,707
Michigan Total	18,800	6,791	7,990	14,781	148	17,085

## 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 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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