

**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 Percent</i>	
<i>RACE/ ETHNICITY<sup>‡</sup></i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>			
White	910	305	(48%)	402	(48%)	707	(48%)	78	905,033	(87%)
Black	880	295	(47%)	385	(46%)	680	(47%)	1,748	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%)	17	(2%)	29	(2%)	N/A	15,398	(1%)
<b><i>SEX &amp; RACE</i></b>										
Males	1,500	479	(76%)	681	(82%)	1,160	(79%)	226	512,762	(49%)
White Males	820	258	(41%)	373	(45%)	631	(43%)	N/A	N/A	N/A
Black Males	610	198	(31%)	272	(33%)	470	(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%)	20	(2%)	32	(2%)	N/A	N/A	N/A
Females	390	151	(24%)	150	(18%)	301	(21%)	57	525,105	(51%)
White Females	100	47	(7%)	29	(3%)	76	(5%)	N/A	N/A	N/A
Black Females	270	97	(15%)	113	(14%)	210	(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	314	(50%)	453	(55%)	767	(52%)	N/A	N/A	N/A
Injection Drug Use	170	57	(9%)	78	(9%)	135	(9%)	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	300	101	(16%)	128	(15%)	229	(16%)	N/A	N/A	N/A
HRH	200	59	(9%)	93	(11%)	152	(10%)	N/A	N/A	N/A
PH-Female	100	42	(7%)	35	(4%)	77	(5%)	N/A	N/A	N/A
Perinatal	10	7	(1%)	<5	**	10	(1%)	N/A	N/A	N/A
Undetermined	320	128	(20%)	119	(14%)	247	(17%)	N/A	N/A	N/A
PH-Male	160	53	(8%)	72	(9%)	125	(9%)	N/A	N/A	N/A
Unknown	160	75	(12%)	47	(6%)	122	(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	39	(6%)	19	(2%)	58	(4%)	N/A	N/A	N/A
20 - 24 years	200	89	(14%)	69	(8%)	158	(11%)	N/A	N/A	N/A
25 - 29 years	310	104	(17%)	137	(16%)	241	(16%)	N/A	N/A	N/A
30 - 39 years	650	186	(30%)	320	(39%)	506	(35%)	N/A	N/A	N/A
40 - 49 years	430	131	(21%)	199	(24%)	330	(23%)	N/A	N/A	N/A
50 - 59 years	160	56	(9%)	70	(8%)	126	(9%)	N/A	N/A	N/A
60 years and over	30	14	(2%)	13	(2%)	27	(2%)	N/A	N/A	N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A
<b>TOTAL</b>	<b>1,890</b>	<b>630 (100%)</b>		<b>831 (100%)</b>		<b>1,461 (100%)</b>		<b>141</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/ 707 = 1,281. Thus, 1 out of every 1,281 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	463 (73%)	269 (57%)	18 (67%)	17 (53%)	767 (66%)
Injecting Drug Use	33 (5%)	43 (9%)	<5 **	<5 **	79 (7%)
Male-Male Sex/IDU	32 (5%)	29 (6%)	<5 **	<5 **	64 (6%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	21 (3%)	18 (4%)	<5 **	0 (0%)	40 (3%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	7 (1%)
Undetermined	73 (12%)	106 (23%)	6 (22%)	11 (34%)	196 (17%)
<i>PH-Male</i>	48 (8%)	69 (15%)	<5 **	5 (16%)	125 (11%)
<i>Unknown</i>	25 (4%)	37 (8%)	<5 **	6 (19%)	71 (6%)
<b>Male Subtotal</b>	<b>631 (54%)</b>	<b>470 (41%)</b>	<b>27 (2%)</b>	<b>32 (3%)</b>	<b>1,160 (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 (19%)
Blood Products	<5 **	0 (0%)	<5 **	0 (0%)	<5 **
Heterosexual	53 (70%)	125 (60%)	5 (71%)	6 (75%)	189 (63%)
<i>HRH</i>	36 (47%)	68 (32%)	<5 **	5 (63%)	112 (37%)
<i>PH-Female</i>	17 (22%)	57 (27%)	<5 **	<5 **	77 (26%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	7 (9%)	43 (20%)	0 (0%)	<5 **	51 (17%)
<b>Female Subtotal</b>	<b>76 (25%)</b>	<b>210 (70%)</b>	<b>7 (2%)</b>	<b>8 (3%)</b>	<b>301 (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	463 (65%)	269 (40%)	18 (53%)	17 (43%)	767 (52%)
Injecting Drug Use	48 (7%)	83 (12%)	<5 **	<5 **	135 (9%)
Male-Male Sex/IDU	32 (5%)	29 (4%)	<5 **	<5 **	64 (4%)
Blood Products	8 (1%)	0 (0%)	<5 **	0 (0%)	9 (1%)
Heterosexual	74 (10%)	143 (21%)	6 (18%)	6 (15%)	229 (16%)
<i>HRH</i>	57 (8%)	86 (13%)	<5 **	5 (13%)	152 (10%)
<i>PH-Female</i>	17 (2%)	57 (8%)	<5 **	<5 **	77 (5%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	10 (1%)
Undetermined	80 (11%)	149 (22%)	6 (18%)	12 (30%)	247 (17%)
<i>PH-Male</i>	48 (7%)	69 (10%)	<5 **	5 (13%)	125 (9%)
<i>Unknown</i>	32 (5%)	80 (12%)	<5 **	7 (18%)	122 (8%)
<b>RACE TOTAL</b>	<b>707 (48%)</b>	<b>680 (47%)</b>	<b>34 (2%)</b>	<b>40 (3%)</b>	<b>1,461 (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	130	46	51	97	(7%)
Dearborn Heights	70	27	30	57	(4%)
Ecorse	40	13	17	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	100	35	45	80	(5%)
Harper Woods	30	10	13	23	(2%)
Highland Park	280	94	125	219	(15%)
Inkster	170	48	84	132	(9%)
Lincoln Park	60	19	24	43	(3%)
Livonia	90	31	37	68	(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	37	47	84	(6%)
River Rouge	40	16	13	29	(2%)
Riverview	10	<5	6	10	(1%)
Rockwood	10	0	<5	<5	**
Romulus	60	23	27	50	(3%)
Southgate	30	12	9	21	(1%)
Taylor	100	33	47	80	(5%)
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	19	28	(2%)
<b>UNKNOWN</b>	10	<5	<5	<5	**
<b>TOTAL</b>	<b>1,890</b>	<b>630</b>	<b>831</b>	<b>1,461</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	138	40	367	77	38	127
1991	126	50	443	94	50	171
1992	134	61	516	117	58	230
1993	107	84	539	102	79	253
1994	127	83	583	100	77	276
1995	135	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	74	31	792	50	26	403
2000	93	31	854	67	26	444
2001	95	35	914	53	27	470
2002	69	23	960	58	19	509
2003	81	21	1,020	58	19	548
2004	96	28	1,088	59	24	583
2005	81	24	1,145	63	20	626
2006	85	25	1,205	72	23	675
2007	110	22	1,293	74	21	728
2008	86	28	1,351	66	27	767
2009	86	17	1,420	56	17	806
2010 <sup>†</sup>	47	6	<b>1,461</b>	29	4	<b>831</b>
<b>TOTAL</b>	<b>2,405</b>	<b>944</b>		<b>1,695</b>	<b>864</b>	

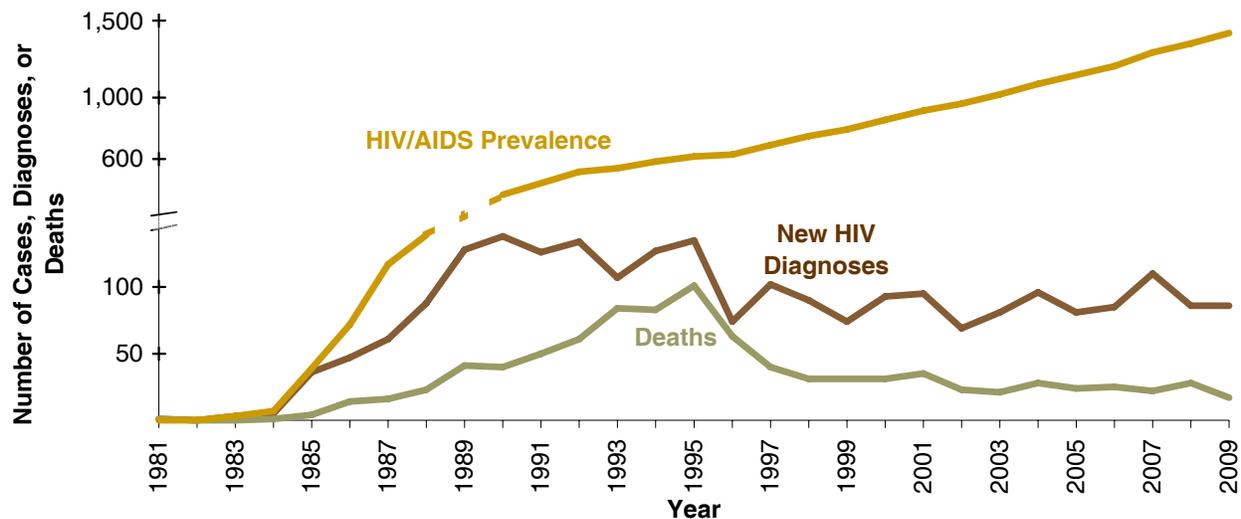
<sup>†</sup> Reporting for 2010 is incomplete at this time.

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 1,461. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 831.

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.	1,890	630	831	1,461	141	1,695
Michigan Total	18,800	6,776	7,910	14,686	147	16,954

## 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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