

**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 2006 ESTIMATES<sup>§</sup></i>		
	Number	HIV, not AIDS		AIDS		Total		Rate per 100,000 <sup>¶</sup>	Number Percent	
		Number	Percent	Number	Percent	Number	Percent		Number	Percent
<b>RACE/ ETHNICITY<sup>‡</sup></b>										
White	870	301	(52%)	380	(51%)	681	(52%)	74.8	910,950	(83%)
Black	740	248	(43%)	332	(45%)	580	(44%)	606.0	95,703	(9%)
Hispanic	40	13	(2%)	17	(2%)	30	(2%)	76.0	39,490	(4%)
Asian/PI	10	<5	**	6	(1%)	10	(1%)	27.1	36,856	(3%)
Am Indian/AN	10	<5	**	0	(0%)	<5	**	**	3,613	(<1%)
Multi/Unk	20	5	(1%)	8	(1%)	13	(1%)	N/A	14,120	(1%)
<b>SEX &amp; RACE</b>										
Males	1,330	438	(76%)	604	(81%)	1042	(79%)	193.3	539,008	(49%)
White Males	770	259	(45%)	345	(46%)	604	(46%)	N/A	N/A	N/A
Black Males	500	162	(28%)	232	(31%)	394	(30%)	N/A	N/A	N/A
Hispanic Males	30	9	(2%)	15	(2%)	24	(2%)	N/A	N/A	N/A
Other Males	30	8	(1%)	12	(2%)	20	(2%)	N/A	N/A	N/A
Females	350	136	(24%)	139	(19%)	275	(21%)	49.0	561,724	(51%)
White Females	100	42	(7%)	35	(5%)	77	(6%)	N/A	N/A	N/A
Black Females	240	86	(15%)	100	(13%)	186	(14%)	N/A	N/A	N/A
Hispanic Fms	10	<5	**	<5	**	6	(<1%)	N/A	N/A	N/A
Other Females	10	<5	**	<5	**	6	(<1%)	N/A	N/A	N/A
<b>RISK*</b>										
Male-Male Sex	880	283	(49%)	410	(55%)	693	(53%)	N/A	N/A	N/A
Injection Drug Use	160	53	(9%)	74	(10%)	127	(10%)	N/A	N/A	N/A
MSM/IDU	60	17	(3%)	32	(4%)	49	(4%)	N/A	N/A	N/A
Blood Products	10	<5	**	5	(1%)	8	(1%)	N/A	N/A	N/A
Heterosexual	260	87	(15%)	115	(15%)	202	(15%)	N/A	N/A	N/A
HRH	190	57	(10%)	90	(12%)	147	(11%)	N/A	N/A	N/A
PH-Female	70	30	(5%)	25	(3%)	55	(4%)	N/A	N/A	N/A
Perinatal	10	6	(1%)	<5	**	9	(1%)	N/A	N/A	N/A
Undetermined	290	125	(22%)	104	(14%)	229	(17%)	N/A	N/A	N/A
PH-Male	140	48	(8%)	59	(8%)	107	(8%)	N/A	N/A	N/A
Unknown	160	77	(13%)	45	(6%)	122	(9%)	N/A	N/A	N/A
<b>AGE AT HIV DIAGNOSIS</b>										
0 - 12 years	20	8	(1%)	<5	**	12	(1%)	N/A	N/A	N/A
13 - 19 years	50	25	(4%)	14	(2%)	39	(3%)	N/A	N/A	N/A
20 - 24 years	170	69	(12%)	61	(8%)	130	(10%)	N/A	N/A	N/A
25 - 29 years	270	86	(15%)	125	(17%)	211	(16%)	N/A	N/A	N/A
30 - 39 years	600	189	(33%)	279	(38%)	468	(36%)	N/A	N/A	N/A
40 - 49 years	400	132	(23%)	181	(24%)	313	(24%)	N/A	N/A	N/A
50 - 59 years	150	52	(9%)	68	(9%)	120	(9%)	N/A	N/A	N/A
60 years and over	30	10	(2%)	11	(1%)	21	(2%)	N/A	N/A	N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A
<b>TOTAL</b>	<b>1,680</b>	<b>574</b>	<b>(100%)</b>	<b>743</b>	<b>(100%)</b>	<b>1,317</b>	<b>(100%)</b>	<b>120</b>	<b>1,100,732</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: 910,950 / 681 = 1,338. Thus, 1 out of every 1,338 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	436 (72%)	230 (58%)	18 (75%)	9 (45%)	693 (67%)
Injecting Drug Use	33 (5%)	43 (11%)	0 (0%)	<5 **	77 (7%)
Male-Male Sex/IDU	31 (5%)	17 (4%)	<5 **	0 (0%)	49 (5%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	18 (3%)	20 (5%)	<5 **	0 (0%)	39 (4%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	6 (1%)
Undetermined	78 (13%)	79 (20%)	<5 **	10 (50%)	171 (16%)
<i>PH-Male</i>	50 (8%)	50 (13%)	<5 **	<5 **	107 (10%)
<i>Unknown</i>	28 (5%)	29 (7%)	<5 **	6 (30%)	64 (6%)
<b>Male Subtotal</b>	<b>604 (58%)</b>	<b>394 (38%)</b>	<b>24 (2%)</b>	<b>20 (2%)</b>	<b>1042 (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	12 (16%)	38 (20%)	0 (0%)	0 (0%)	50 (18%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	52 (68%)	101 (54%)	<5 **	6 (100%)	163 (59%)
<i>HRH</i>	38 (49%)	62 (33%)	<5 **	5 (83%)	108 (39%)
<i>PH-Female</i>	14 (18%)	39 (21%)	<5 **	<5 **	55 (20%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	12 (16%)	45 (24%)	<5 **	0 (0%)	58 (21%)
<b>Female Subtotal</b>	<b>77 (28%)</b>	<b>186 (68%)</b>	<b>6 (2%)</b>	<b>6 (2%)</b>	<b>275 (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	436 (64%)	230 (40%)	18 (60%)	9 (35%)	693 (53%)
Injecting Drug Use	45 (7%)	81 (14%)	0 (0%)	<5 **	127 (10%)
Male-Male Sex/IDU	31 (5%)	17 (3%)	<5 **	0 (0%)	49 (4%)
Blood Products	8 (1%)	0 (0%)	0 (0%)	0 (0%)	8 (1%)
Heterosexual	70 (10%)	121 (21%)	5 (17%)	6 (23%)	202 (15%)
<i>HRH</i>	56 (8%)	82 (14%)	<5 **	5 (19%)	147 (11%)
<i>PH-Female</i>	14 (2%)	39 (7%)	<5 **	<5 **	55 (4%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	9 (1%)
Undetermined	90 (13%)	124 (21%)	5 (17%)	10 (38%)	229 (17%)
<i>PH-Male</i>	50 (7%)	50 (9%)	<5 **	<5 **	107 (8%)
<i>Unknown</i>	40 (6%)	74 (13%)	<5 **	6 (23%)	122 (9%)
<b>RACE TOTAL</b>	<b>681 (52%)</b>	<b>580 (44%)</b>	<b>30 (2%)</b>	<b>26 (2%)</b>	<b>1317 (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	10	7	<5	11	(1%)
Belleville	70	23	31	54	(4%)
Brownstown Township	10	0	<5	<5	**
Canton	60	21	24	45	(3%)
Dearborn	120	42	49	91	(7%)
Dearborn Heights	70	27	26	53	(4%)
Ecorse	30	11	14	25	(2%)
Flat Rock	10	<5	<5	<5	**
Garden City	30	9	11	20	(2%)
Gibraltar	10	0	<5	<5	**
Grosse Ile	10	<5	<5	<5	**
Grosse Pointe	20	5	14	19	(1%)
Grosse Pointe Farms	10	<5	<5	5	(<1%)
Grosse Pointe Park	10	<5	0	<5	**
Grosse Pointe Woods	10	<5	<5	5	(<1%)
Hamtramck	80	25	37	62	(5%)
Harper Woods	30	9	13	22	(2%)
Highland Park	250	85	108	193	(15%)
Inkster	170	48	82	130	(10%)
Lincoln Park	50	16	22	38	(3%)
Livonia	70	25	32	57	(4%)
Melvindale	20	6	6	12	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	8	6	14	(1%)
Plymouth	30	12	8	20	(2%)
Redford Township	100	38	39	77	(6%)
River Rouge	30	12	11	23	(2%)
Riverview	10	<5	5	8	(1%)
Rockwood	10	0	<5	<5	**
Romulus	50	20	23	43	(3%)
Southgate	30	13	7	20	(2%)
Taylor	100	35	47	82	(6%)
Trenton	20	<5	11	13	(1%)
Wayne	30	<5	23	27	(2%)
Westland	130	47	53	100	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	30	8	18	26	(2%)
<b>UNKNOWN</b>	10	<5	0	<5	**
<b>TOTAL</b>	<b>1,680</b>	<b>574</b>	<b>743</b>	<b>1317</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**

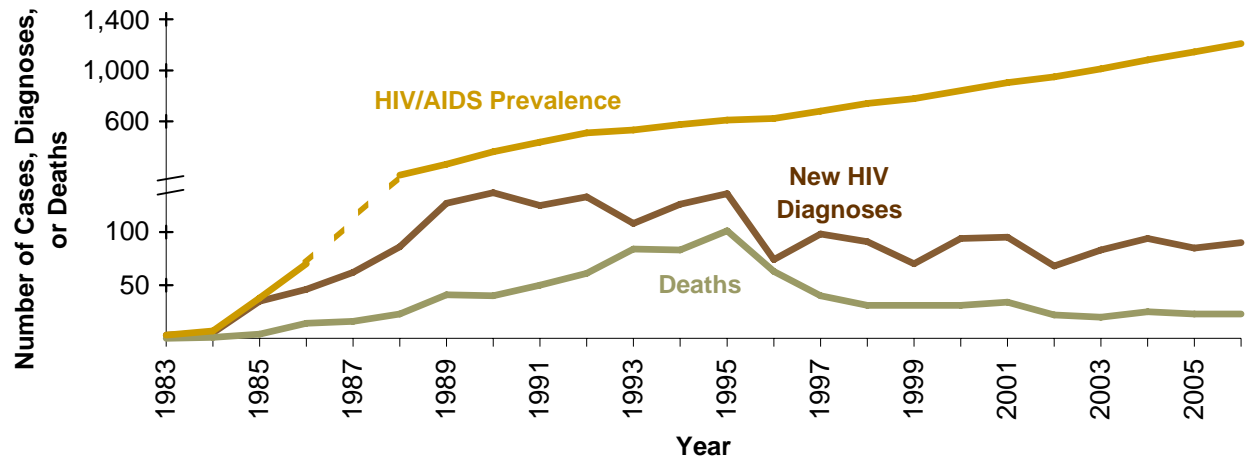
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	1	1	0	1	1	0
1982	0	0	0	0	0	0
1983	3	0	3	3	0	3
1984	5	1	7	4	1	6
1985	35	4	38	11	4	13
1986	46	14	70	14	14	13
1987	62	16	116	25	15	23
1988	86	23	179	49	21	51
1989	127	41	265	78	41	88
1990	137	40	362	76	38	126
1991	125	50	437	94	50	170
1992	133	61	509	117	58	229
1993	108	84	533	101	79	251
1994	126	83	576	99	77	273
1995	136	101	611	112	93	292
1996	74	63	622	66	60	298
1997	98	40	680	66	33	331
1998	91	31	740	68	26	373
1999	70	31	779	50	26	397
2000	94	31	842	66	26	437
2001	95	34	903	52	26	463
2002	68	22	949	56	18	501
2003	83	20	1,012	59	18	542
2004	94	25	1,081	59	22	579
2005	85	23	1,143	64	20	623
2006	90	23	1,210	72	22	673
2007	109	13	1,306	73	12	734
2008	13	2	<b>1,317</b>	10	1	<b>743</b>
<b>TOTAL</b>	<b>2,194</b>	<b>877</b>		<b>1,545</b>	<b>802</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 1,317. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 743.

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**

<i>Residence at Diagnosis</i>	<i>Estimated Prevalence</i>	<i>Reported Prevalence</i>			<i>Rate</i>	<i>Cumulative AIDS</i>
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>		
Wayne Co.	1,680	574	743	1,317	120	1,545
Michigan Total	18,000	6,352	7,146	13,498	134	15,765

## 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 2008, 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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