

**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>	
		<i>HIV, not AIDS</i>		<i>AIDS</i>		<i>Total</i>		<i>Number</i>	<i>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	297	(50%)	390	(51%)	687	(51%)	75.4	910,950 (83%)
Black	810	268	(45%)	342	(45%)	610	(45%)	637.4	95,703 (9%)
Hispanic	40	12	(2%)	18	(2%)	30	(2%)	76.0	39,490 (4%)
Asian/PI	10	5	(1%)	5	(1%)	10	(1%)	27.1	36,856 (3%)
Am Indian/AN	10	<5	**	0	(0%)	<5	**	**	3,613 (<1%)
Multi/Unk	30	9	(2%)	10	(1%)	19	(1%)	N/A	14,120 (1%)
<b><i>SEX &amp; RACE</i></b>									
Males	1,420	445	(75%)	625	(82%)	1070	(79%)	198.5	539,008 (49%)
White Males	810	252	(43%)	357	(47%)	609	(45%)	N/A	N/A N/A
Black Males	550	173	(29%)	239	(31%)	412	(30%)	N/A	N/A N/A
Hispanic Males	30	9	(2%)	16	(2%)	25	(2%)	N/A	N/A N/A
Other Males	30	11	(2%)	13	(2%)	24	(2%)	N/A	N/A N/A
Females	380	147	(25%)	140	(18%)	287	(21%)	51.1	561,724 (51%)
White Females	100	45	(8%)	33	(4%)	78	(6%)	N/A	N/A N/A
Black Females	260	95	(16%)	103	(13%)	198	(15%)	N/A	N/A N/A
Hispanic Fmls	10	<5	**	<5	**	5	(<1%)	N/A	N/A N/A
Other Females	10	<5	**	<5	**	6	(<1%)	N/A	N/A N/A
<b><i>RISK*</i></b>									
Male-Male Sex	950	290	(49%)	424	(55%)	714	(53%)	N/A	N/A N/A
Injection Drug Use	170	53	(9%)	73	(10%)	126	(9%)	N/A	N/A N/A
MSM/IDU	70	20	(3%)	35	(5%)	55	(4%)	N/A	N/A N/A
Blood Products	10	<5	**	5	(1%)	8	(1%)	N/A	N/A N/A
Heterosexual	290	94	(16%)	124	(16%)	218	(16%)	N/A	N/A N/A
HRH	200	58	(10%)	91	(12%)	149	(11%)	N/A	N/A N/A
PH-Female	90	36	(6%)	33	(4%)	69	(5%)	N/A	N/A N/A
Perinatal	10	6	(1%)	<5	**	9	(1%)	N/A	N/A N/A
Undetermined	300	126	(21%)	101	(13%)	227	(17%)	N/A	N/A N/A
PH-Male	150	51	(9%)	61	(8%)	112	(8%)	N/A	N/A N/A
Unknown	150	75	(13%)	40	(5%)	115	(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	60	29	(5%)	14	(2%)	43	(3%)	N/A	N/A N/A
20 - 24 years	190	77	(13%)	63	(8%)	140	(10%)	N/A	N/A N/A
25 - 29 years	290	92	(16%)	124	(16%)	216	(16%)	N/A	N/A N/A
30 - 39 years	640	187	(32%)	293	(38%)	480	(35%)	N/A	N/A N/A
40 - 49 years	420	132	(22%)	185	(24%)	317	(23%)	N/A	N/A N/A
50 - 59 years	160	53	(9%)	69	(9%)	122	(9%)	N/A	N/A N/A
60 years and over	30	11	(2%)	13	(2%)	24	(2%)	N/A	N/A N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A N/A
<b>TOTAL</b>	<b>1,800</b>	<b>592 (100%)</b>		<b>765 (100%)</b>		<b>1,357 (100%)</b>		<b>123</b>	<b>1,100,732 (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 / 687 = 1,326. Thus, 1 out of every 1,326 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	445 (73%)	239 (58%)	19 (76%)	11 (46%)	714 (67%)
Injecting Drug Use	33 (5%)	42 (10%)	0 (0%)	<5 **	76 (7%)
Male-Male Sex/IDU	30 (5%)	23 (6%)	<5 **	<5 **	55 (5%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	19 (3%)	21 (5%)	<5 **	0 (0%)	41 (4%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	6 (1%)
Undetermined	74 (12%)	82 (20%)	<5 **	11 (46%)	171 (16%)
<i>PH-Male</i>	50 (8%)	54 (13%)	<5 **	5 (21%)	112 (10%)
<i>Unknown</i>	24 (4%)	28 (7%)	<5 **	6 (25%)	59 (6%)
<b>Male Subtotal</b>	<b>609 (57%)</b>	<b>412 (39%)</b>	<b>25 (2%)</b>	<b>24 (2%)</b>	<b>1070 (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%)	37 (19%)	0 (0%)	0 (0%)	50 (17%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	55 (71%)	112 (57%)	<5 **	6 (100%)	177 (62%)
<i>HRH</i>	36 (46%)	65 (33%)	<5 **	5 (83%)	108 (38%)
<i>PH-Female</i>	19 (24%)	47 (24%)	<5 **	<5 **	69 (24%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	9 (12%)	47 (24%)	0 (0%)	0 (0%)	56 (20%)
<b>Female Subtotal</b>	<b>78 (27%)</b>	<b>198 (69%)</b>	<b>5 (2%)</b>	<b>6 (2%)</b>	<b>287 (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	445 (65%)	239 (39%)	19 (63%)	11 (37%)	714 (53%)
Injecting Drug Use	46 (7%)	79 (13%)	0 (0%)	<5 **	126 (9%)
Male-Male Sex/IDU	30 (4%)	23 (4%)	<5 **	<5 **	55 (4%)
Blood Products	8 (1%)	0 (0%)	0 (0%)	0 (0%)	8 (1%)
Heterosexual	74 (11%)	133 (22%)	5 (17%)	6 (20%)	218 (16%)
<i>HRH</i>	55 (8%)	86 (14%)	<5 **	5 (17%)	149 (11%)
<i>PH-Female</i>	19 (3%)	47 (8%)	<5 **	<5 **	69 (5%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	9 (1%)
Undetermined	83 (12%)	129 (21%)	<5 **	11 (37%)	227 (17%)
<i>PH-Male</i>	50 (7%)	54 (9%)	<5 **	5 (17%)	112 (8%)
<i>Unknown</i>	33 (5%)	75 (12%)	<5 **	6 (20%)	115 (8%)
<b>RACE TOTAL</b>	<b>687 (51%)</b>	<b>610 (45%)</b>	<b>30 (2%)</b>	<b>30 (2%)</b>	<b>1357 (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	6	<5	10	(1%)
Belleville	70	24	32	56	(4%)
Brownstown Township	10	<5	<5	<5	**
Canton	60	22	24	46	(3%)
Dearborn	120	44	50	94	(7%)
Dearborn Heights	70	27	27	54	(4%)
Ecorse	40	13	14	27	(2%)
Flat Rock	10	<5	5	6	(<1%)
Garden City	30	9	11	20	(1%)
Gibraltar	10	0	<5	<5	**
Grosse Ile	10	<5	<5	<5	**
Grosse Pointe	30	6	13	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	90	29	42	71	(5%)
Harper Woods	30	9	13	22	(2%)
Highland Park	260	87	110	197	(15%)
Inkster	170	45	81	126	(9%)
Lincoln Park	50	16	21	37	(3%)
Livonia	80	25	36	61	(4%)
Melvindale	20	7	6	13	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	8	7	15	(1%)
Plymouth	20	11	7	18	(1%)
Redford Township	110	40	42	82	(6%)
River Rouge	30	13	10	23	(2%)
Riverview	10	<5	5	9	(1%)
Rockwood	10	0	<5	<5	**
Romulus	60	22	25	47	(3%)
Southgate	30	13	7	20	(1%)
Taylor	110	34	48	82	(6%)
Trenton	20	<5	11	12	(1%)
Wayne	40	<5	23	27	(2%)
Westland	140	51	55	106	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	30	8	18	26	(2%)
<b>UNKNOWN</b>	10	<5	<5	<5	**
<b>TOTAL</b>	<b>1,800</b>	<b>592</b>	<b>765</b>	<b>1357</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**

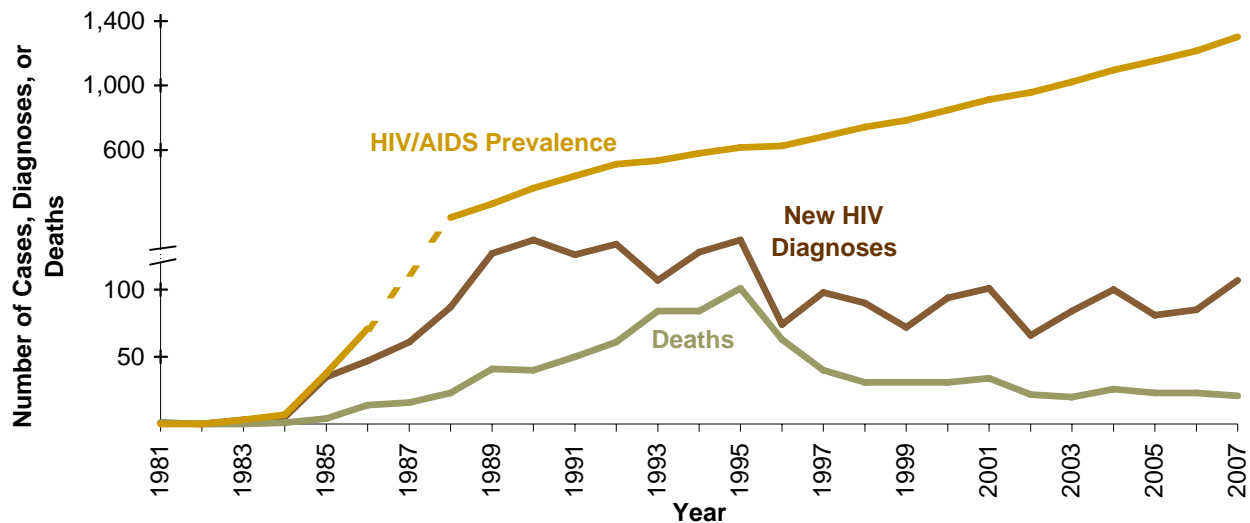
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	1	1	0	1	1	0
1982	0	0	0	0	0	0
1983	3	0	3	3	0	3
1984	5	1	7	4	1	6
1985	35	4	38	11	4	13
1986	47	14	71	14	14	13
1987	61	16	116	25	15	23
1988	87	23	180	49	21	51
1989	127	41	266	78	41	88
1990	137	40	363	76	38	126
1991	126	50	439	94	50	170
1992	134	61	512	117	58	229
1993	107	84	535	102	79	252
1994	128	84	579	99	78	273
1995	137	101	615	112	93	292
1996	74	63	626	67	60	299
1997	98	40	684	66	33	332
1998	90	31	743	68	26	374
1999	72	31	784	50	26	398
2000	94	31	847	67	26	439
2001	101	34	914	54	26	467
2002	66	22	958	56	18	505
2003	84	20	1,022	59	18	546
2004	100	26	1,096	59	23	582
2005	81	23	1,154	64	20	626
2006	85	23	1,216	72	22	676
2007	107	21	1,302	71	20	727
2008	64	9	<b>1,357</b>	46	8	<b>765</b>
<b>TOTAL</b>	<b>2,251</b>	<b>894</b>		<b>1,584</b>	<b>819</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 1,357. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 765.

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.	1,800	592	765	1,357	123	1,584
Michigan Total	18,000	6,423	7,371	13,794	137	16,071

## 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.



Michigan Department of Community Health  
HIV/STD/VH/TB Epidemiology Section  
Division of Communicable Disease  
Bureau of Epidemiology

Jennifer M. Granholm, Governor  
Janet Olszewski, Director  
<http://www.michigan.gov/hivstd>

Lansing Office 201 Townsend St., 5th Floor  
Lansing, MI 48913  
517-335-8165

Detroit Office 1151 Taylor St., Room 211B  
Detroit, MI 48202  
313-876-0353