

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

	<i>EST PREV*</i>	<i>REPORTED PREVALENCE[†]</i>						<i>CENSUS 2006 ESTIMATES</i>			
		<i>HIV, not AIDS</i>		<i>AIDS</i>		<i>Total</i>		<i>Rate per 100,000[§]</i>	<i>Number Percent</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>
<i>RACE/ ETHNICITY[¶]</i>											
White	910	296	(54%)	363	(52%)	659	(53%)	72.3	910,950	(83%)	
Black	730	226	(41%)	305	(44%)	531	(43%)	554.8	95,703	(9%)	
Hispanic	40	13	(2%)	17	(2%)	30	(2%)	76.0	39,490	(4%)	
Asian/PI	10	<5	**	5	(1%)	9	(1%)	24.4	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%)	
<i>SEX & RACE</i>											
Males	1,350	418	(76%)	567	(81%)	985	(79%)	182.7	539,008	(49%)	
White Males	800	254	(46%)	330	(47%)	584	(47%)	N/A	N/A	N/A	
Black Males	490	147	(27%)	211	(30%)	358	(29%)	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%)	11	(2%)	19	(2%)	N/A	N/A	N/A	
Females	360	129	(24%)	131	(19%)	260	(21%)	46.3	561,724	(51%)	
White Females	100	42	(8%)	33	(5%)	75	(6%)	N/A	N/A	N/A	
Black Females	240	79	(14%)	94	(13%)	173	(14%)	N/A	N/A	N/A	
Hispanic Fmls	10	<5	**	<5	**	6	(<1%)	N/A	N/A	N/A	
Other Females	10	<5	**	<5	**	6	(<1%)	N/A	N/A	N/A	
<i>RISK*</i>											
Male-Male Sex	890	269	(49%)	382	(55%)	651	(52%)	N/A	N/A	N/A	
Injection Drug Use	170	51	(9%)	75	(11%)	126	(10%)	N/A	N/A	N/A	
MSM/IDU	70	20	(4%)	30	(4%)	50	(4%)	N/A	N/A	N/A	
Blood Products	10	<5	**	<5	**	8	(1%)	N/A	N/A	N/A	
Heterosexual	260	83	(15%)	109	(16%)	192	(15%)	N/A	N/A	N/A	
HRH	200	56	(10%)	87	(12%)	143	(11%)	N/A	N/A	N/A	
PH-Female	70	27	(5%)	22	(3%)	49	(4%)	N/A	N/A	N/A	
Perinatal	10	6	(1%)	<5	**	9	(1%)	N/A	N/A	N/A	
Undetermined	290	114	(21%)	95	(14%)	209	(17%)	N/A	N/A	N/A	
PH-Male	130	44	(8%)	54	(8%)	98	(8%)	N/A	N/A	N/A	
Unknown	150	70	(13%)	41	(6%)	111	(9%)	N/A	N/A	N/A	
<i>AGE AT HIV DIAGNOSIS</i>											
0 - 12 years	20	9	(2%)	<5	**	12	(1%)	N/A	N/A	N/A	
13 - 19 years	40	22	(4%)	9	(1%)	31	(2%)	N/A	N/A	N/A	
20 - 24 years	170	67	(12%)	54	(8%)	121	(10%)	N/A	N/A	N/A	
25 - 29 years	280	82	(15%)	119	(17%)	201	(16%)	N/A	N/A	N/A	
30 - 39 years	620	183	(33%)	269	(39%)	452	(36%)	N/A	N/A	N/A	
40 - 49 years	410	122	(22%)	174	(25%)	296	(24%)	N/A	N/A	N/A	
50 - 59 years	150	49	(9%)	62	(9%)	111	(9%)	N/A	N/A	N/A	
60 years and over	20	10	(2%)	8	(1%)	18	(1%)	N/A	N/A	N/A	
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A	
TOTAL	1,710	547 (100%)		698 (100%)		1,245 (100%)		113	1,100,732 (100%)		

*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.

[†] Includes reports that contain patient name or are otherwise unduplicated. <5 and ** = 1, 2, 3, or 4 cases.

[§] To calculate "1 out of x" statements, divide the census number by total reported prevalence. For example, for non-Hispanic whites: 910,950 / 659 = 1,382. Thus, 1 out of every 1,382 non-Hispanic white persons in Michigan are living with HIV.

[¶] 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)

MALES	White	Black	Hispanic	Other or Unknown	Male Subtotal
Male-Male sex	423 (72%)	202 (56%)	18 (75%)	8 (42%)	651 (66%)
Injecting Drug Use	32 (5%)	43 (12%)	0 (0%)	<5 **	76 (8%)
Male-Male Sex/IDU	31 (5%)	18 (5%)	<5 **	0 (0%)	50 (5%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	17 (3%)	19 (5%)	<5 **	0 (0%)	37 (4%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	6 (1%)
Undetermined	73 (13%)	71 (20%)	<5 **	10 (53%)	158 (16%)
<i>PH-Male</i>	48 (8%)	43 (12%)	<5 **	<5 **	98 (10%)
<i>Unknown</i>	25 (4%)	28 (8%)	<5 **	6 (32%)	60 (6%)
Male Subtotal	584 (59%)	358 (36%)	24 (2%)	19 (2%)	985 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	12 (16%)	38 (22%)	0 (0%)	0 (0%)	50 (19%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	53 (71%)	92 (53%)	<5 **	6 (100%)	155 (60%)
<i>HRH</i>	38 (51%)	60 (35%)	<5 **	5 (83%)	106 (41%)
<i>PH-Female</i>	15 (20%)	32 (18%)	<5 **	<5 **	49 (19%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	9 (12%)	41 (24%)	<5 **	0 (0%)	51 (20%)
Female Subtotal	75 (29%)	173 (67%)	6 (2%)	6 (2%)	260 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	423 (64%)	202 (38%)	18 (60%)	8 (32%)	651 (52%)
Injecting Drug Use	44 (7%)	81 (15%)	0 (0%)	<5 **	126 (10%)
Male-Male Sex/IDU	31 (5%)	18 (3%)	<5 **	0 (0%)	50 (4%)
Blood Products	8 (1%)	0 (0%)	0 (0%)	0 (0%)	8 (1%)
Heterosexual	70 (11%)	111 (21%)	5 (17%)	6 (24%)	192 (15%)
<i>HRH</i>	55 (8%)	79 (15%)	<5 **	5 (20%)	143 (11%)
<i>PH-Female</i>	15 (2%)	32 (6%)	<5 **	<5 **	49 (4%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	9 (1%)
Undetermined	82 (12%)	112 (21%)	5 (17%)	10 (40%)	209 (17%)
<i>PH-Male</i>	48 (7%)	43 (8%)	<5 **	<5 **	98 (8%)
<i>Unknown</i>	34 (5%)	69 (13%)	<5 **	6 (24%)	111 (9%)
RACE TOTAL	659 (53%)	531 (43%)	30 (2%)	25 (2%)	1245 (100%)

*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 [†]			
		HIV, not AIDS	AIDS	Total	
				Number	Percent
Allen Park	20	7	<5	11	(1%)
Belleville	70	23	28	51	(4%)
Brownstown Township	10	0	<5	<5	**
Canton	60	23	23	46	(4%)
Dearborn	120	41	49	90	(7%)
Dearborn Heights	70	24	26	50	(4%)
Ecorse	40	11	15	26	(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	12	17	(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	22	33	55	(4%)
Harper Woods	30	7	12	19	(2%)
Highland Park	240	81	95	176	(14%)
Inkster	170	46	81	127	(10%)
Lincoln Park	50	16	20	36	(3%)
Livonia	80	26	29	55	(4%)
Melvindale	20	6	5	11	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	8	6	14	(1%)
Plymouth	30	12	7	19	(2%)
Redford Township	90	33	36	69	(6%)
River Rouge	30	11	10	21	(2%)
Riverview	10	<5	5	8	(1%)
Rockwood	10	0	<5	<5	**
Romulus	60	19	22	41	(3%)
Southgate	20	11	7	18	(1%)
Taylor	110	32	47	79	(6%)
Trenton	10	<5	8	10	(1%)
Wayne	40	6	21	27	(2%)
Westland	130	41	51	92	(7%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	9	17	26	(2%)
UNKNOWN	10	<5	0	<5	**
TOTAL	1,710	547	698	1245	(100%)

*See page 5 for descriptions of prevalence estimate calculations.

[†] 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

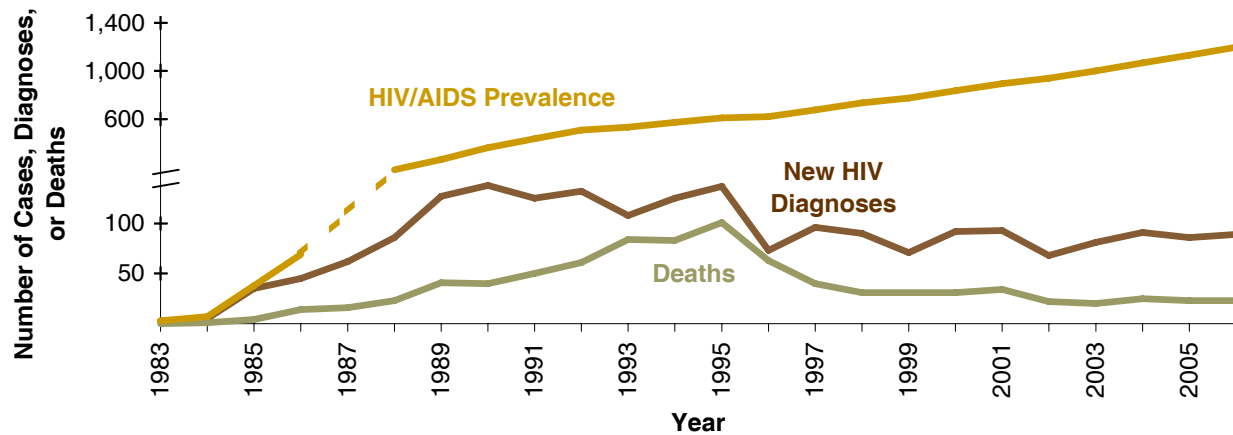
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	1	1	0	1	1	0
1982	0	0	0	0	0	0
1983	3	0	3	3	0	3
1984	5	1	7	4	1	6
1985	35	4	38	11	4	13
1986	45	14	69	14	14	13
1987	62	16	115	25	15	23
1988	86	23	178	49	21	51
1989	127	41	264	78	41	88
1990	138	40	362	76	38	126
1991	125	50	437	94	50	170
1992	132	61	508	117	58	229
1993	108	84	532	101	79	251
1994	125	83	574	98	77	272
1995	137	101	610	112	93	291
1996	73	63	620	66	60	297
1997	96	40	676	66	33	330
1998	90	31	735	68	26	372
1999	71	31	775	50	26	396
2000	92	31	836	66	26	436
2001	93	34	895	52	26	462
2002	68	22	941	55	18	499
2003	81	20	1,002	59	18	540
2004	91	25	1,068	59	22	577
2005	86	23	1,131	64	20	621
2006	89	23	1,197	70	22	669
2007	61	13	1,245	39	10	698
TOTAL	2,120	875		1,497	799	

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 1,245. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 698.

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.	1,710	547	698	1,245	113	799
Michigan Total	17,000	6,244	6,904	13,148	130	15,455

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 2007, 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.



Jennifer M. Granholm, Governor
Janet Olszewski, Director

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

<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