

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>Number</i>	<i>Percent</i>
<i>RACE/ ETHNICITY[‡]</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>	<i>Rate per 100,000[¶]</i>	
White	960	299	(53%)	369	(52%)	668	(52%)	73.3	910,950 (83%)
Black	790	238	(42%)	316	(44%)	554	(43%)	578.9	95,703 (9%)
Hispanic	40	13	(2%)	17	(2%)	30	(2%)	76.0	39,490 (4%)
Asian/PI	10	<5	**	5	(1%)	9	(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%)
<i>SEX & RACE</i>									
Males	1,450	430	(77%)	580	(81%)	1010	(79%)	187.4	539,008 (49%)
White Males	850	256	(46%)	336	(47%)	592	(46%)	N/A	N/A N/A
Black Males	540	157	(28%)	218	(30%)	375	(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	(1%)	N/A	N/A N/A
Females	380	132	(23%)	135	(19%)	267	(21%)	47.5	561,724 (51%)
White Females	110	43	(8%)	33	(5%)	76	(6%)	N/A	N/A N/A
Black Females	260	81	(14%)	98	(14%)	179	(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	960	277	(49%)	392	(55%)	669	(52%)	N/A	N/A N/A
Injection Drug Use	180	52	(9%)	75	(10%)	127	(10%)	N/A	N/A N/A
MSM/IDU	70	19	(3%)	31	(4%)	50	(4%)	N/A	N/A N/A
Blood Products	10	<5	**	5	(1%)	8	(1%)	N/A	N/A N/A
Heterosexual	280	84	(15%)	114	(16%)	198	(16%)	N/A	N/A N/A
HRH	210	56	(10%)	89	(12%)	145	(11%)	N/A	N/A N/A
PH-Female	80	28	(5%)	25	(3%)	53	(4%)	N/A	N/A N/A
Perinatal	10	6	(1%)	<5	**	9	(1%)	N/A	N/A N/A
Undetermined	310	121	(22%)	95	(13%)	216	(17%)	N/A	N/A N/A
PH-Male	150	49	(9%)	54	(8%)	103	(8%)	N/A	N/A N/A
Unknown	160	72	(13%)	41	(6%)	113	(9%)	N/A	N/A N/A
<i>AGE AT HIV DIAGNOSIS</i>									
0 - 12 years	20	8	(1%)	<5	**	12	(1%)	N/A	N/A N/A
13 - 19 years	50	25	(4%)	13	(2%)	38	(3%)	N/A	N/A N/A
20 - 24 years	180	70	(12%)	56	(8%)	126	(10%)	N/A	N/A N/A
25 - 29 years	290	83	(15%)	122	(17%)	205	(16%)	N/A	N/A N/A
30 - 39 years	660	185	(33%)	273	(38%)	458	(36%)	N/A	N/A N/A
40 - 49 years	430	126	(22%)	176	(25%)	302	(24%)	N/A	N/A N/A
50 - 59 years	160	52	(9%)	63	(9%)	115	(9%)	N/A	N/A N/A
60 years and over	30	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	1,830	562 (100%)		715 (100%)		1,277 (100%)		116	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.

[§] Estimated census data for sex by race are not available for sub-county areas.

[¶] To calculate "1 out of x" statements, divide the census number by total reported prevalence. For example, for non-Hispanic whites: 910,950 / 668 = 1,364. Thus, 1 out of every 1,364 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 "---".

[‡] 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	429 (72%)	214 (57%)	18 (75%)	8 (42%)	669 (66%)
Injecting Drug Use	33 (6%)	43 (11%)	0 (0%)	<5 **	77 (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%)	20 (5%)	<5 **	0 (0%)	38 (4%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	6 (1%)
Undetermined	74 (13%)	75 (20%)	<5 **	10 (53%)	163 (16%)
<i>PH-Male</i>	49 (8%)	47 (13%)	<5 **	<5 **	103 (10%)
<i>Unknown</i>	25 (4%)	28 (7%)	<5 **	6 (32%)	60 (6%)
Male Subtotal	592 (59%)	375 (37%)	24 (2%)	19 (2%)	1010 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	12 (16%)	38 (21%)	0 (0%)	0 (0%)	50 (19%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	53 (70%)	97 (54%)	<5 **	6 (100%)	160 (60%)
<i>HRH</i>	38 (50%)	61 (34%)	<5 **	5 (83%)	107 (40%)
<i>PH-Female</i>	15 (20%)	36 (20%)	<5 **	<5 **	53 (20%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	10 (13%)	42 (23%)	<5 **	0 (0%)	53 (20%)
Female Subtotal	76 (28%)	179 (67%)	6 (2%)	6 (2%)	267 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	429 (64%)	214 (39%)	18 (60%)	8 (32%)	669 (52%)
Injecting Drug Use	45 (7%)	81 (15%)	0 (0%)	<5 **	127 (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 (10%)	117 (21%)	5 (17%)	6 (24%)	198 (16%)
<i>HRH</i>	55 (8%)	81 (15%)	<5 **	5 (20%)	145 (11%)
<i>PH-Female</i>	15 (2%)	36 (6%)	<5 **	<5 **	53 (4%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	9 (1%)
Undetermined	84 (13%)	117 (21%)	5 (17%)	10 (40%)	216 (17%)
<i>PH-Male</i>	49 (7%)	47 (8%)	<5 **	<5 **	103 (8%)
<i>Unknown</i>	35 (5%)	70 (13%)	<5 **	6 (24%)	113 (9%)
RACE TOTAL	668 (52%)	554 (43%)	30 (2%)	25 (2%)	1277 (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	80	25	29	54	(4%)
Brownstown Township	10	0	<5	<5	**
Canton	70	22	24	46	(4%)
Dearborn	130	42	49	91	(7%)
Dearborn Heights	70	25	26	51	(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	23	34	57	(4%)
Harper Woods	30	8	12	20	(2%)
Highland Park	260	84	97	181	(14%)
Inkster	180	46	82	128	(10%)
Lincoln Park	50	16	20	36	(3%)
Livonia	80	26	30	56	(4%)
Melvindale	20	6	6	12	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	8	6	14	(1%)
Plymouth	30	12	7	19	(1%)
Redford Township	110	37	39	76	(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	30	12	7	19	(1%)
Taylor	110	32	47	79	(6%)
Trenton	20	<5	10	12	(1%)
Wayne	40	5	23	28	(2%)
Westland	140	45	53	98	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	8	17	25	(2%)
UNKNOWN	10	<5	0	<5	**
TOTAL	1,830	562	715	1277	(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

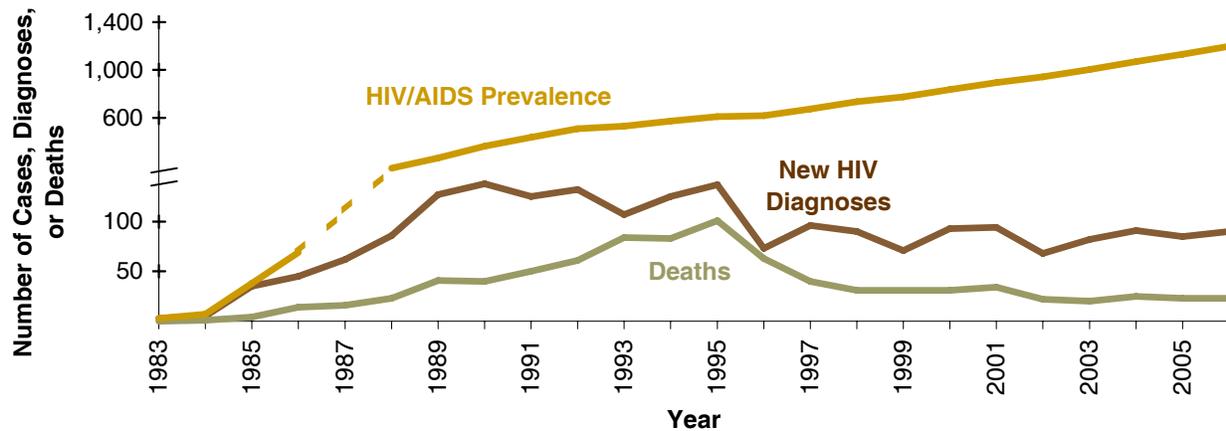
Year	<i>HIV/AIDS</i>			<i>AIDS</i>		
	New HIV Diagnoses	Deaths	Prevalence	New AIDS Diagnoses	Deaths	Prevalence
1981	1	1	0	1	1	0
1982	0	0	0	0	0	0
1983	3	0	3	3	0	3
1984	5	1	7	4	1	6
1985	35	4	38	11	4	13
1986	45	14	69	14	14	13
1987	62	16	115	25	15	23
1988	86	23	178	49	21	51
1989	127	41	264	78	41	88
1990	138	40	362	76	38	126
1991	125	50	437	94	50	170
1992	132	61	508	117	58	229
1993	107	84	531	101	79	251
1994	125	83	573	99	77	273
1995	137	101	609	112	93	292
1996	73	63	619	66	60	298
1997	96	40	675	66	33	331
1998	90	31	734	68	26	373
1999	71	31	774	50	26	397
2000	93	31	836	66	26	437
2001	94	34	896	52	26	463
2002	68	22	942	55	18	500
2003	82	20	1,004	59	18	541
2004	91	25	1,070	59	22	578
2005	85	23	1,132	64	20	622
2006	90	23	1,199	70	22	670
2007	91	13	1,277	55	10	715
TOTAL	2,152	875		1,514	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 1,277. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 715.

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.	1,830	562	715	1,277	116	1,514
Michigan Total	18,000	6,325	6,995	13,320	132	15,579

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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