

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 2008 ESTIMATES[§]</i>		
	Number	HIV, not AIDS		AIDS		Total		Rate per 100,000 [¶]	Number	Percent
		Number	Percent	Number	Percent	Number	Percent			
RACE/ ETHNICITY[‡]										
White	940	300	(46%)	403	(48%)	703	(47%)	77.7	905,033	(87%)
Black	950	318	(49%)	394	(47%)	712	(47%)	1830.1	38,904	(4%)
Hispanic	50	16	(2%)	22	(3%)	38	(3%)	105.6	35,982	(3%)
Asian/PI	10	<5	**	7	(1%)	11	(1%)	28.2	39,056	(4%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	3,494	(<1%)
Multi/Unk	50	15	(2%)	21	(2%)	36	(2%)	N/A	15,398	(1%)
SEX & RACE										
Males	1,580	499	(76%)	688	(81%)	1187	(79%)	231.5	512,762	(49%)
White Males	840	255	(39%)	373	(44%)	628	(42%)	N/A	N/A	N/A
Black Males	650	217	(33%)	274	(32%)	491	(33%)	N/A	N/A	N/A
Hispanic Males	40	12	(2%)	17	(2%)	29	(2%)	N/A	N/A	N/A
Other Males	50	15	(2%)	24	(3%)	39	(3%)	N/A	N/A	N/A
Females	420	154	(24%)	159	(19%)	313	(21%)	59.6	525,105	(51%)
White Females	100	45	(7%)	30	(4%)	75	(5%)	N/A	N/A	N/A
Black Females	290	101	(15%)	120	(14%)	221	(15%)	N/A	N/A	N/A
Hispanic Fmls	10	<5	**	5	(1%)	9	(1%)	N/A	N/A	N/A
Other Females	10	<5	**	<5	**	8	(1%)	N/A	N/A	N/A
RISK*										
Male-Male Sex	1,050	329	(50%)	459	(54%)	788	(53%)	N/A	N/A	N/A
Injection Drug Use	170	51	(8%)	78	(9%)	129	(9%)	N/A	N/A	N/A
MSM/IDU	80	18	(3%)	43	(5%)	61	(4%)	N/A	N/A	N/A
Blood Products	10	<5	**	5	(1%)	9	(1%)	N/A	N/A	N/A
Heterosexual	320	105	(16%)	135	(16%)	240	(16%)	N/A	N/A	N/A
HRH	200	58	(9%)	94	(11%)	152	(10%)	N/A	N/A	N/A
PH-Female	120	47	(7%)	41	(5%)	88	(6%)	N/A	N/A	N/A
Perinatal	10	7	(1%)	<5	**	11	(1%)	N/A	N/A	N/A
Undetermined	350	139	(21%)	123	(15%)	262	(17%)	N/A	N/A	N/A
PH-Male	170	58	(9%)	73	(9%)	131	(9%)	N/A	N/A	N/A
Unknown	170	81	(12%)	50	(6%)	131	(9%)	N/A	N/A	N/A
AGE AT HIV DIAGNOSIS										
0 - 12 years	20	8	(1%)	5	(1%)	13	(1%)	N/A	N/A	N/A
13 - 19 years	90	44	(7%)	20	(2%)	64	(4%)	N/A	N/A	N/A
20 - 24 years	230	99	(15%)	71	(8%)	170	(11%)	N/A	N/A	N/A
25 - 29 years	330	109	(17%)	139	(16%)	248	(17%)	N/A	N/A	N/A
30 - 39 years	700	189	(29%)	333	(39%)	522	(35%)	N/A	N/A	N/A
40 - 49 years	440	132	(20%)	199	(23%)	331	(22%)	N/A	N/A	N/A
50 - 59 years	170	57	(9%)	68	(8%)	125	(8%)	N/A	N/A	N/A
60 years and over	30	12	(2%)	12	(1%)	24	(2%)	N/A	N/A	N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A
TOTAL	2,000	653	(100%)	847	(100%)	1,500	(100%)	145	#####	(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: 905,033 / 703 = 1,288. Thus, 1 out of every 1,288 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	463 (74%)	279 (57%)	21 (72%)	25 (64%)	788 (66%)
Injecting Drug Use	28 (4%)	42 (9%)	<5 **	<5 **	73 (6%)
Male-Male Sex/IDU	32 (5%)	26 (5%)	<5 **	<5 **	61 (5%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	20 (3%)	20 (4%)	<5 **	0 (0%)	41 (3%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	7 (1%)
Undetermined	76 (12%)	119 (24%)	5 (17%)	10 (26%)	210 (18%)
<i>PH-Male</i>	47 (7%)	77 (16%)	<5 **	<5 **	131 (11%)
<i>Unknown</i>	29 (5%)	42 (9%)	<5 **	6 (15%)	79 (7%)
Male Subtotal	628 (53%)	491 (41%)	29 (2%)	39 (3%)	1187 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	13 (17%)	40 (18%)	<5 **	<5 **	56 (18%)
Blood Products	<5 **	0 (0%)	<5 **	0 (0%)	<5 **
Heterosexual	54 (72%)	134 (61%)	6 (67%)	5 (63%)	199 (64%)
<i>HRH</i>	36 (48%)	68 (31%)	<5 **	<5 **	111 (35%)
<i>PH-Female</i>	18 (24%)	66 (30%)	<5 **	<5 **	88 (28%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	7 (9%)	44 (20%)	0 (0%)	<5 **	52 (17%)
Female Subtotal	75 (24%)	221 (71%)	9 (3%)	8 (3%)	313 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	463 (66%)	279 (39%)	21 (55%)	25 (53%)	788 (53%)
Injecting Drug Use	41 (6%)	82 (12%)	<5 **	<5 **	129 (9%)
Male-Male Sex/IDU	32 (5%)	26 (4%)	<5 **	<5 **	61 (4%)
Blood Products	8 (1%)	0 (0%)	<5 **	0 (0%)	9 (1%)
Heterosexual	74 (11%)	154 (22%)	7 (18%)	5 (11%)	240 (16%)
<i>HRH</i>	56 (8%)	88 (12%)	<5 **	<5 **	152 (10%)
<i>PH-Female</i>	18 (3%)	66 (9%)	<5 **	<5 **	88 (6%)
Perinatal	<5 **	8 (1%)	<5 **	0 (0%)	11 (1%)
Undetermined	83 (12%)	163 (23%)	5 (13%)	11 (23%)	262 (17%)
<i>PH-Male</i>	47 (7%)	77 (11%)	<5 **	<5 **	131 (9%)
<i>Unknown</i>	36 (5%)	86 (12%)	<5 **	7 (15%)	131 (9%)
RACE TOTAL	703 (47%)	712 (47%)	38 (3%)	47 (3%)	1500 (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

<i>CITY OF RESIDENCE AT DIAGNOSIS</i>	<i>EST PREV*</i>	<i>REPORTED PREVALENCE[†]</i>			
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>	
				<i>Number</i>	<i>Percent</i>
Allen Park	20	9	7	16	(1%)
Belleville	80	25	35	60	(4%)
Brownstown Township	10	<5	<5	<5	**
Canton	80	32	26	58	(4%)
Dearborn	130	45	52	97	(6%)
Dearborn Heights	80	28	29	57	(4%)
Ecorse	40	15	18	33	(2%)
Flat Rock	10	<5	5	6	(<1%)
Garden City	30	9	10	19	(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	110	38	45	83	(6%)
Harper Woods	30	9	12	21	(1%)
Highland Park	300	98	124	222	(15%)
Inkster	190	51	88	139	(9%)
Lincoln Park	60	18	26	44	(3%)
Livonia	90	34	36	70	(5%)
Melvindale	20	6	6	12	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	9	7	16	(1%)
Plymouth	20	10	6	16	(1%)
Redford Township	120	39	52	91	(6%)
River Rouge	40	15	14	29	(2%)
Riverview	10	<5	6	10	(1%)
Rockwood	10	<5	<5	<5	**
Romulus	70	24	26	50	(3%)
Southgate	30	13	11	24	(2%)
Taylor	110	31	53	84	(6%)
Trenton	20	<5	11	13	(1%)
Wayne	30	5	21	26	(2%)
Westland	150	49	67	116	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	10	20	30	(2%)
UNKNOWN	10	<5	<5	<5	**
TOTAL	2,000	653	847	1500	(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	36	4	39	11	4	13
1986	46	14	71	14	14	13
1987	61	16	116	25	15	23
1988	89	23	182	49	21	51
1989	128	41	269	78	41	88
1990	140	40	369	77	38	127
1991	128	50	447	94	50	171
1992	134	61	520	117	58	230
1993	105	84	541	102	79	253
1994	128	83	586	100	77	276
1995	135	101	620	112	93	295
1996	74	63	631	67	60	302
1997	102	40	693	67	33	336
1998	90	31	752	69	26	379
1999	77	31	798	50	26	403
2000	93	31	860	67	26	444
2001	96	35	921	54	27	471
2002	70	28	963	58	23	506
2003	80	27	1,016	58	22	542
2004	96	28	1,084	59	24	577
2005	80	26	1,138	68	22	623
2006	83	32	1,189	72	30	665
2007	109	28	1,270	75	26	714
2008	84	33	1,321	67	30	751
2009	86	30	1,377	56	29	778
2010	106	11	1,472	60	7	831
2011 [†]	32	4	1,500	17	1	847
TOTAL	2,497	997		1,751	904	

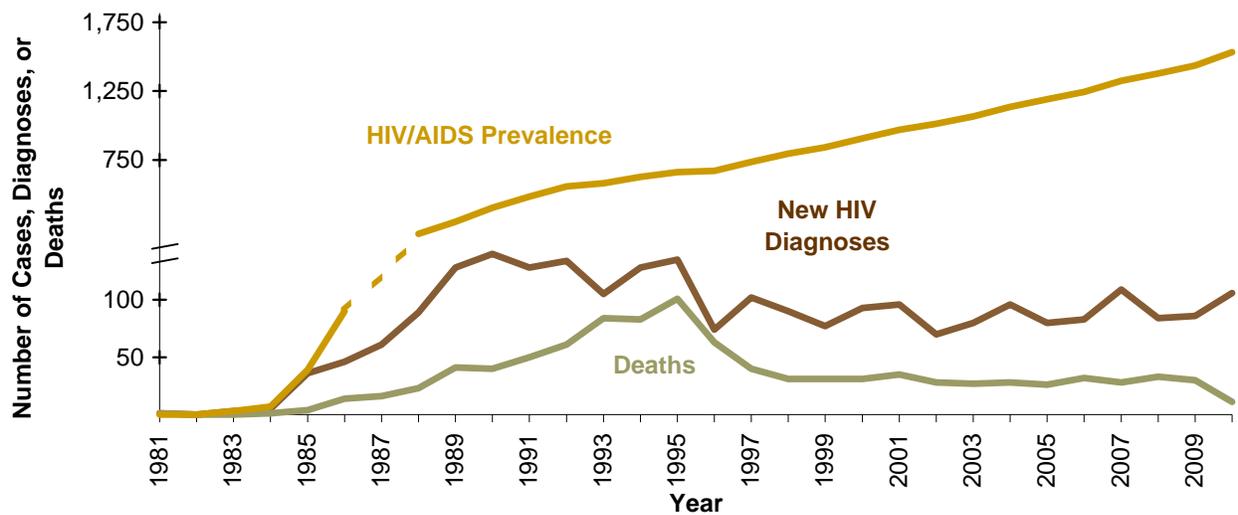
[†] Reporting for 2011 is incomplete at this time.

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 1,500. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 847.

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.	2,000	653	847	1,500	145	1,751
Michigan Total	19,500	6,871	7,934	14,805	148	17,439

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 2011, 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.