

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 2007 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>		
White	900	299	(50%)	385	(49%)	684	(49%)	74.6	917,137 (86%)
Black	840	273	(46%)	363	(46%)	636	(46%)	1,113.0	57,145 (5%)
Hispanic	40	13	(2%)	19	(2%)	32	(2%)	78.3	40,887 (4%)
Asian/PI	10	6	(1%)	5	(1%)	11	(1%)	29.6	37,142 (3%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	4,049 (<1%)
Multi/Unk	30	9	(2%)	11	(1%)	20	(1%)	N/A	11,789 (1%)
<i>SEX & RACE</i>									
Males	1,440	451	(75%)	645	(82%)	1,096	(79%)	208.3	526,087 (49%)
White Males	800	253	(42%)	358	(46%)	611	(44%)	N/A	N/A N/A
Black Males	570	177	(30%)	257	(33%)	434	(31%)	N/A	N/A N/A
Hispanic Males	30	10	(2%)	16	(2%)	26	(2%)	N/A	N/A N/A
Other Males	30	11	(2%)	14	(2%)	25	(2%)	N/A	N/A N/A
Females	380	149	(25%)	138	(18%)	287	(21%)	52.9	542,062 (51%)
White Females	100	46	(8%)	27	(3%)	73	(5%)	N/A	N/A N/A
Black Females	270	96	(16%)	106	(14%)	202	(15%)	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	296	(49%)	432	(55%)	728	(53%)	N/A	N/A N/A
Injection Drug Use	160	52	(9%)	72	(9%)	124	(9%)	N/A	N/A N/A
MSM/IDU	80	21	(4%)	41	(5%)	62	(4%)	N/A	N/A N/A
Blood Products	10	<5	**	5	(1%)	8	(1%)	N/A	N/A N/A
Heterosexual	290	99	(17%)	123	(16%)	222	(16%)	N/A	N/A N/A
HRH	200	59	(10%)	93	(12%)	152	(11%)	N/A	N/A N/A
PH-Female	90	40	(7%)	30	(4%)	70	(5%)	N/A	N/A N/A
Perinatal	10	6	(1%)	<5	**	9	(1%)	N/A	N/A N/A
Undetermined	300	123	(21%)	107	(14%)	230	(17%)	N/A	N/A N/A
PH-Male	150	49	(8%)	67	(9%)	116	(8%)	N/A	N/A N/A
Unknown	150	74	(12%)	40	(5%)	114	(8%)	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	60	33	(6%)	16	(2%)	49	(4%)	N/A	N/A N/A
20 - 24 years	190	77	(13%)	64	(8%)	141	(10%)	N/A	N/A N/A
25 - 29 years	290	92	(15%)	129	(16%)	221	(16%)	N/A	N/A N/A
30 - 39 years	650	189	(32%)	305	(39%)	494	(36%)	N/A	N/A N/A
40 - 49 years	420	130	(22%)	188	(24%)	318	(23%)	N/A	N/A N/A
50 - 59 years	160	57	(10%)	66	(8%)	123	(9%)	N/A	N/A N/A
60 years and over	30	11	(2%)	11	(1%)	22	(2%)	N/A	N/A N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A N/A
TOTAL	1,820	600 (100%)		783 (100%)		1,383 (100%)		129	1,068,149 (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: 917,137 / 683 = 1,341. Thus, 1 out of every 1,341 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	447 (73%)	249 (57%)	19 (73%)	13 (52%)	728 (66%)
Injecting Drug Use	33 (5%)	41 (9%)	0 (0%)	<5 **	75 (7%)
Male-Male Sex/IDU	33 (5%)	27 (6%)	<5 **	<5 **	62 (6%)
Blood Products	7 (1%)	0 (0%)	0 (0%)	0 (0%)	7 (1%)
Heterosexual*	20 (3%)	21 (5%)	<5 **	0 (0%)	42 (4%)
Perinatal	<5 **	5 (1%)	0 (0%)	0 (0%)	6 (1%)
Undetermined	70 (11%)	91 (21%)	5 (19%)	10 (40%)	176 (16%)
<i>PH-Male</i>	47 (8%)	61 (14%)	<5 **	5 (20%)	116 (11%)
<i>Unknown</i>	23 (4%)	30 (7%)	<5 **	5 (20%)	60 (5%)
Male Subtotal	611 (56%)	434 (40%)	26 (2%)	25 (2%)	1,096 (100%)
FEMALES	White	Black	Hispanic	Other or Unknown	Female Subtotal
Injecting Drug Use	12 (16%)	37 (18%)	0 (0%)	0 (0%)	49 (17%)
Blood Products	<5 **	0 (0%)	0 (0%)	0 (0%)	<5 **
Heterosexual	52 (71%)	117 (58%)	5 (83%)	6 (100%)	180 (63%)
<i>HRH</i>	35 (48%)	68 (34%)	<5 **	5 (83%)	110 (38%)
<i>PH-Female</i>	17 (23%)	49 (24%)	<5 **	<5 **	70 (24%)
Perinatal	0 (0%)	<5 **	<5 **	0 (0%)	<5 **
Undetermined*	8 (11%)	46 (23%)	0 (0%)	0 (0%)	54 (19%)
Female Subtotal	73 (25%)	202 (70%)	6 (2%)	6 (2%)	287 (100%)
TOTAL	White	Black	Hispanic	Other or Unknown	Risk Total
Male-Male sex	447 (65%)	249 (39%)	19 (59%)	13 (42%)	728 (53%)
Injecting Drug Use	45 (7%)	78 (12%)	0 (0%)	<5 **	124 (9%)
Male-Male Sex/IDU	33 (5%)	27 (4%)	<5 **	<5 **	62 (4%)
Blood Products	8 (1%)	0 (0%)	0 (0%)	0 (0%)	8 (1%)
Heterosexual	72 (11%)	138 (22%)	6 (19%)	6 (19%)	222 (16%)
<i>HRH</i>	55 (8%)	89 (14%)	<5 **	5 (16%)	152 (11%)
<i>PH-Female</i>	17 (2%)	49 (8%)	<5 **	<5 **	70 (5%)
Perinatal	<5 **	7 (1%)	<5 **	0 (0%)	9 (1%)
Undetermined	78 (11%)	137 (22%)	5 (16%)	10 (32%)	230 (17%)
<i>PH-Male</i>	47 (7%)	61 (10%)	<5 **	5 (16%)	116 (8%)
<i>Unknown</i>	31 (5%)	76 (12%)	<5 **	5 (16%)	114 (8%)
RACE TOTAL	684 (49%)	636 (46%)	32 (2%)	31 (2%)	1,383 (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	10	6	5	11	(1%)
Belleville	80	25	34	59	(4%)
Brownstown Township	10	<5	<5	<5	**
Canton	60	22	24	46	(3%)
Dearborn	120	43	48	91	(7%)
Dearborn Heights	70	26	29	55	(4%)
Ecorse	40	13	16	29	(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	16	22	(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	100	35	42	77	(6%)
Harper Woods	30	9	13	22	(2%)
Highland Park	270	90	116	206	(15%)
Inkster	160	44	81	125	(9%)
Lincoln Park	50	18	23	41	(3%)
Livonia	80	25	35	60	(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	43	83	(6%)
River Rouge	30	13	11	24	(2%)
Riverview	10	<5	5	9	(1%)
Rockwood	10	0	<5	<5	**
Romulus	60	21	25	46	(3%)
Southgate	30	13	8	21	(2%)
Taylor	110	34	47	81	(6%)
Trenton	20	<5	12	14	(1%)
Wayne	40	<5	23	27	(2%)
Westland	140	51	55	106	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	30	8	18	26	(2%)
UNKNOWN	10	<5	<5	<5	**
TOTAL	1,820	600	783	1,383	(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	47	14	71	14	14	13
1987	61	16	116	25	15	23
1988	88	23	181	49	21	51
1989	127	41	267	78	41	88
1990	138	40	365	77	38	127
1991	126	50	441	94	50	171
1992	134	61	514	117	58	230
1993	107	84	537	102	79	253
1994	128	84	581	100	78	275
1995	137	101	617	112	93	294
1996	74	63	628	67	60	301
1997	101	40	689	67	33	335
1998	91	31	749	69	26	378
1999	74	31	792	50	26	402
2000	95	31	856	67	26	443
2001	101	34	923	54	26	471
2002	67	22	968	56	18	509
2003	83	20	1,031	59	18	550
2004	98	26	1,103	59	23	586
2005	82	23	1,162	63	20	629
2006	88	23	1,227	72	22	679
2007	109	21	1,315	72	20	731
2008	89	28	1,376	69	27	773
2009 [†]	11	4	1,383	14	4	783
TOTAL	2,300	917		1,625	842	

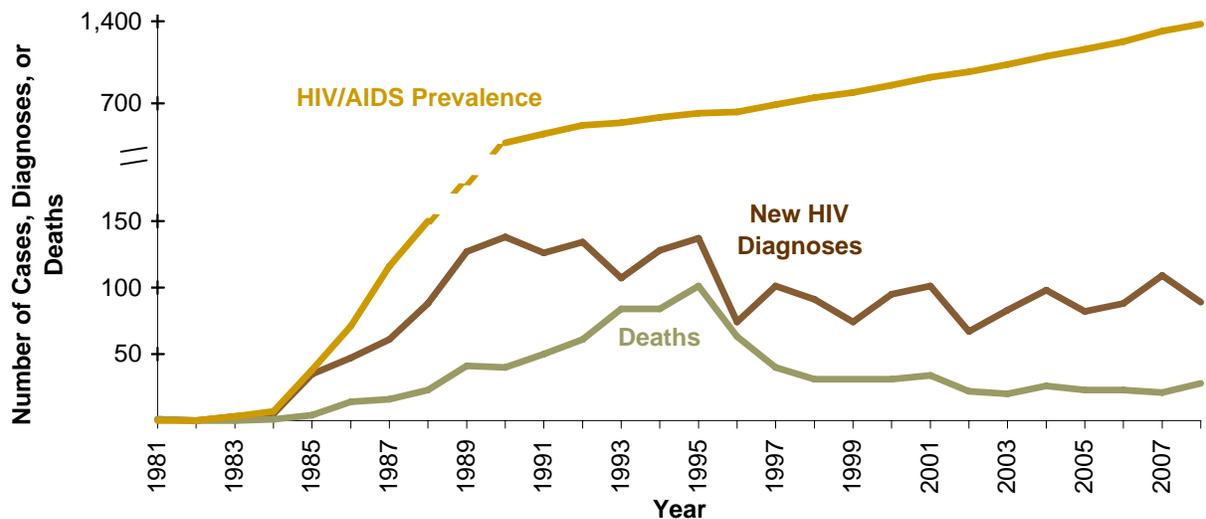
[†] Reporting for 2009 is incomplete at this time.

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 1383. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 783.

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>Cumulative AIDS</i>
		<i>HIV, not AIDS</i>	<i>AIDS</i>	<i>Total</i>	<i>Rate</i>	
Wayne Co.	1,820	600	783	1,383	129	14
Michigan Total	18,200	6,524	7,507	14,031	139	16,353

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 2009, 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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