

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>	
		HIV, not AIDS		AIDS		Total		Number	Percent
	Number	Number	Percent	Number	Percent	Number	Percent	Rate per 100,000 [¶]	
<i>RACE/ ETHNICITY[‡]</i>									
White	890	297	(50%)	391	(49%)	688	(49%)	75.0	917,137 (86%)
Black	840	276	(46%)	368	(46%)	644	(46%)	1,127.0	57,145 (5%)
Hispanic	40	13	(2%)	18	(2%)	31	(2%)	75.8	40,887 (4%)
Asian/PI	10	<5	**	6	(1%)	10	(1%)	26.9	37,142 (3%)
Am Indian/AN	0	0	(0%)	0	(0%)	0	(0%)	**	4,049 (<1%)
Multi/Unk	30	10	(2%)	12	(2%)	22	(2%)	N/A	11,789 (1%)
<i>SEX & RACE</i>									
Males	1,430	451	(75%)	652	(82%)	1,103	(79%)	209.7	526,087 (49%)
White Males	800	251	(42%)	363	(46%)	614	(44%)	N/A	N/A N/A
Black Males	570	180	(30%)	259	(33%)	439	(31%)	N/A	N/A N/A
Hispanic Males	30	10	(2%)	15	(2%)	25	(2%)	N/A	N/A N/A
Other Males	30	10	(2%)	15	(2%)	25	(2%)	N/A	N/A N/A
Females	380	149	(25%)	143	(18%)	292	(21%)	53.9	542,062 (51%)
White Females	100	46	(8%)	28	(4%)	74	(5%)	N/A	N/A N/A
Black Females	270	96	(16%)	109	(14%)	205	(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	**	7	(1%)	N/A	N/A N/A
<i>RISK*</i>									
Male-Male Sex	950	298	(50%)	438	(55%)	736	(53%)	N/A	N/A N/A
Injection Drug Use	160	52	(9%)	75	(9%)	127	(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%)	8	(1%)	N/A	N/A N/A
Heterosexual	290	101	(17%)	125	(16%)	226	(16%)	N/A	N/A N/A
HRH	200	59	(10%)	92	(12%)	151	(11%)	N/A	N/A N/A
PH-Female	100	42	(7%)	33	(4%)	75	(5%)	N/A	N/A N/A
Perinatal	10	6	(1%)	<5	**	9	(1%)	N/A	N/A N/A
Undetermined	300	122	(20%)	106	(13%)	228	(16%)	N/A	N/A N/A
PH-Male	150	49	(8%)	64	(8%)	113	(8%)	N/A	N/A N/A
Unknown	150	73	(12%)	42	(5%)	115	(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	34	(6%)	16	(2%)	50	(4%)	N/A	N/A N/A
20 - 24 years	190	81	(14%)	67	(8%)	148	(11%)	N/A	N/A N/A
25 - 29 years	290	95	(16%)	132	(17%)	227	(16%)	N/A	N/A N/A
30 - 39 years	640	186	(31%)	308	(39%)	494	(35%)	N/A	N/A N/A
40 - 49 years	420	131	(22%)	189	(24%)	320	(23%)	N/A	N/A N/A
50 - 59 years	150	51	(9%)	67	(8%)	118	(8%)	N/A	N/A N/A
60 years and over	30	11	(2%)	12	(2%)	23	(2%)	N/A	N/A N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A N/A
TOTAL	1,810	600 (100%)		795 (100%)		1,395 (100%)		131	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 / 688 = 1,334. Thus, 1 out of every 1,334 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	452	(74%)	253	(58%)	18	(72%)	13	(52%)	736	(67%)
Injecting Drug Use	34	(6%)	41	(9%)	0	(0%)	<5	**	76	(7%)
Male-Male Sex/IDU	31	(5%)	28	(6%)	<5	**	<5	**	61	(6%)
Blood Products	7	(1%)	0	(0%)	0	(0%)	0	(0%)	7	(1%)
Heterosexual*	20	(3%)	18	(4%)	<5	**	0	(0%)	39	(4%)
Perinatal	<5	**	5	(1%)	0	(0%)	0	(0%)	6	(1%)
Undetermined	69	(11%)	94	(21%)	5	(20%)	10	(40%)	178	(16%)
<i>PH-Male</i>	43	(7%)	62	(14%)	<5	**	5	(20%)	113	(10%)
<i>Unknown</i>	26	(4%)	32	(7%)	<5	**	5	(20%)	65	(6%)
Male Subtotal	614	(56%)	439	(40%)	25	(2%)	25	(2%)	1,103	(100%)
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	14	(19%)	36	(18%)	0	(0%)	<5	**	51	(17%)
Blood Products	<5	**	0	(0%)	0	(0%)	0	(0%)	<5	**
Heterosexual	52	(70%)	124	(60%)	5	(83%)	6	(86%)	187	(64%)
<i>HRH</i>	36	(49%)	69	(34%)	<5	**	5	(71%)	112	(38%)
<i>PH-Female</i>	16	(22%)	55	(27%)	<5	**	<5	**	75	(26%)
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	7	(9%)	43	(21%)	0	(0%)	0	(0%)	50	(17%)
Female Subtotal	74	(25%)	205	(70%)	6	(2%)	7	(2%)	292	(100%)
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	452	(66%)	253	(39%)	18	(58%)	13	(41%)	736	(53%)
Injecting Drug Use	48	(7%)	77	(12%)	0	(0%)	<5	**	127	(9%)
Male-Male Sex/IDU	31	(5%)	28	(4%)	<5	**	<5	**	61	(4%)
Blood Products	8	(1%)	0	(0%)	0	(0%)	0	(0%)	8	(1%)
Heterosexual	72	(10%)	142	(22%)	6	(19%)	6	(19%)	226	(16%)
<i>HRH</i>	56	(8%)	87	(14%)	<5	**	5	(16%)	151	(11%)
<i>PH-Female</i>	16	(2%)	55	(9%)	<5	**	<5	**	75	(5%)
Perinatal	<5	**	7	(1%)	<5	**	0	(0%)	9	(1%)
Undetermined	76	(11%)	137	(21%)	5	(16%)	10	(31%)	228	(16%)
<i>PH-Male</i>	43	(6%)	62	(10%)	<5	**	5	(16%)	113	(8%)
<i>Unknown</i>	33	(5%)	75	(12%)	<5	**	5	(16%)	115	(8%)
RACE TOTAL	688	(49%)	644	(46%)	31	(2%)	32	(2%)	1,395	(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	12	(1%)
Belleville	80	27	34	61	(4%)
Brownstown Township	10	<5	<5	<5	**
Canton	60	23	25	48	(3%)
Dearborn	120	43	47	90	(6%)
Dearborn Heights	70	25	29	54	(4%)
Ecorse	40	13	16	29	(2%)
Flat Rock	10	<5	5	6	(<1%)
Garden City	30	10	11	21	(2%)
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	33	42	75	(5%)
Harper Woods	30	10	13	23	(2%)
Highland Park	270	93	117	210	(15%)
Inkster	160	43	80	123	(9%)
Lincoln Park	50	19	22	41	(3%)
Livonia	80	25	36	61	(4%)
Melvindale	20	7	6	13	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	7	7	14	(1%)
Plymouth	20	10	7	17	(1%)
Redford Township	110	38	45	83	(6%)
River Rouge	30	13	12	25	(2%)
Riverview	10	<5	5	9	(1%)
Rockwood	10	0	<5	<5	**
Romulus	60	20	27	47	(3%)
Southgate	30	13	7	20	(1%)
Taylor	100	33	47	80	(6%)
Trenton	20	<5	12	14	(1%)
Wayne	40	<5	23	27	(2%)
Westland	150	51	62	113	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	8	19	27	(2%)
UNKNOWN	10	<5	<5	<5	**
TOTAL	1,810	600	795	1,395	(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	47	14	72	14	14	13
1987	61	16	117	25	15	23
1988	87	23	181	49	21	51
1989	128	41	268	78	41	88
1990	138	40	366	77	38	127
1991	126	50	442	94	50	171
1992	134	61	515	117	58	230
1993	107	84	538	102	79	253
1994	127	83	582	100	77	276
1995	135	101	616	112	93	295
1996	73	63	626	67	60	302
1997	102	40	688	67	33	336
1998	91	31	748	69	26	379
1999	74	31	791	50	26	403
2000	94	31	854	67	26	444
2001	97	35	916	53	27	470
2002	68	23	961	57	19	508
2003	81	21	1,021	58	19	547
2004	97	29	1,089	59	24	582
2005	82	24	1,147	63	20	625
2006	87	25	1,209	72	23	674
2007	106	22	1,293	74	21	727
2008	88	28	1,353	67	27	767
2009 [†]	57	15	1,395	43	15	795
TOTAL	2,332	937		1,653	858	

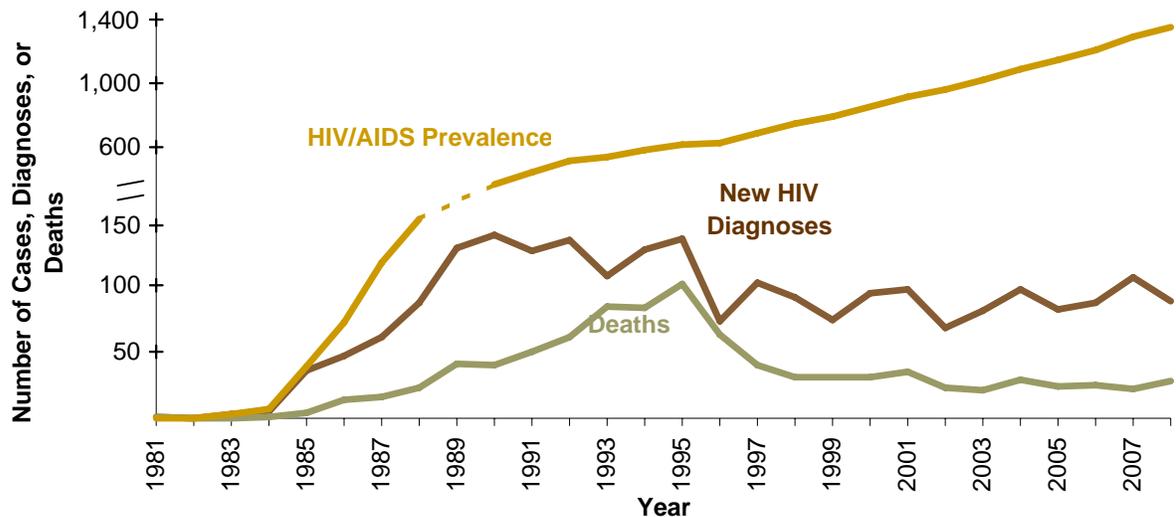
[†] Reporting for 2009 is incomplete at this time.

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 1,395. The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 795.

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.	1,810	600	795	1,395	131	1,653
Michigan Total	18,200	6,606	7,581	14,187	141	16,570

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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