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

| | EST PREV* | REPORTED PREVALENCE[†] | | | | | | CENSUS 2008 ESTIMATES[§] | |
| | | HIV, not AIDS | | AIDS | | Total | | | |
	Number	Number	Percent	Number	Percent	Number	Percent	Rate per 100,000[¶]	Number	Percent
RACE/ ETHNICITY[¥]										
White	930	298	(46%)	405	(48%)	703	(47%)	77.7	905,033	(87%)
Black	940	312	(49%)	400	(47%)	712	(48%)	1830.1	38,904	(4%)
Hispanic	50	15	(2%)	21	(2%)	36	(2%)	100.0	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	40	13	(2%)	19	(2%)	32	(2%)	N/A	15,398	(1%)
SEX & RACE										
Males	0		(0%)		(0%)	0	(0%)	**	512,762	(49%)
White Males	830	253	(39%)	376	(44%)	629	(42%)	N/A	N/A	N/A
Black Males	660	213	(33%)	283	(33%)	496	(33%)	N/A	N/A	N/A
Hispanic Males	40	11	(2%)	17	(2%)	28	(2%)	N/A	N/A	N/A
Other Males	50	12	(2%)	22	(3%)	34	(2%)	N/A	N/A	N/A
Females	0		(0%)		(0%)	0	(0%)	**	525,105	(51%)
White Females	100	45	(7%)	29	(3%)	74	(5%)	N/A	N/A	N/A
Black Females	290	99	(15%)	117	(14%)	216	(14%)	N/A	N/A	N/A
Hispanic Fmls	10	<5	**	<5	**	8	(1%)	N/A	N/A	N/A
Other Females	10	5	(1%)	<5	**	9	(1%)	N/A	N/A	N/A
RISK*										
Male-Male Sex	1,030	314	(49%)	463	(54%)	777	(52%)	N/A	N/A	N/A
Injection Drug Use	180	58	(9%)	78	(9%)	136	(9%)	N/A	N/A	N/A
MSM/IDU	90	19	(3%)	46	(5%)	65	(4%)	N/A	N/A	N/A
Blood Products	10	<5	**	5	(1%)	9	(1%)	N/A	N/A	N/A
Heterosexual	310	103	(16%)	133	(16%)	236	(16%)	N/A	N/A	N/A
HRH	200	57	(9%)	96	(11%)	153	(10%)	N/A	N/A	N/A
PH-Female	110	46	(7%)	37	(4%)	83	(6%)	N/A	N/A	N/A
Perinatal	10	7	(1%)	<5	**	10	(1%)	N/A	N/A	N/A
Undetermined	350	137	(21%)	124	(15%)	261	(17%)	N/A	N/A	N/A
PH-Male	180	57	(9%)	77	(9%)	134	(9%)	N/A	N/A	N/A
Unknown	170	80	(12%)	47	(6%)	127	(9%)	N/A	N/A	N/A
AGE AT HIV DIAGNOSIS										
0 - 12 years	20	8	(1%)	<5	**	12	(1%)	N/A	N/A	N/A
13 - 19 years	80	43	(7%)	19	(2%)	62	(4%)	N/A	N/A	N/A
20 - 24 years	220	93	(14%)	73	(9%)	166	(11%)	N/A	N/A	N/A
25 - 29 years	320	103	(16%)	139	(16%)	242	(16%)	N/A	N/A	N/A
30 - 39 years	690	192	(30%)	329	(39%)	521	(35%)	N/A	N/A	N/A
40 - 49 years	440	131	(20%)	201	(24%)	332	(22%)	N/A	N/A	N/A
50 - 59 years	170	57	(9%)	72	(8%)	129	(9%)	N/A	N/A	N/A
60 years and over	40	12	(2%)	15	(2%)	27	(2%)	N/A	N/A	N/A
Unspecified	10	<5	**	0	(0%)	<5	**	N/A	N/A	N/A
TOTAL	**1,980**	**642**	**(100%)**	**852**	**(100%)**	**1,494**	**(100%)**	**144**	**1,037,867**	**(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 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	459	(73%)	278	(56%)	20	(71%)	20	(59%)	777	(65%)
Injecting Drug Use	32	(5%)	43	(9%)	<5	**	<5	**	78	(7%)
Male-Male Sex/IDU	32	(5%)	30	(6%)	<5	**	<5	**	65	(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	77	(12%)	120	(24%)	5	(18%)	10	(29%)	212	(18%)
PH-Male	*49*	*(8%)*	*79*	*(16%)*	*<5*	****	*<5*	****	*134*	*(11%)*
Unknown	*28*	*(4%)*	*41*	*(8%)*	*<5*	****	*6*	*(18%)*	*78*	*(7%)*
Male Subtotal	**629**	**(53%)**	**496**	**(42%)**	**28**	**(2%)**	**34**	**(3%)**	**1187**	**(100%)**

FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	14	(19%)	41	(19%)	<5	**	<5	**	58	(19%)
Blood Products	<5	**	0	(0%)	<5	**	0	(0%)	<5	**
Heterosexual	53	(72%)	131	(61%)	5	(63%)	6	(67%)	195	(64%)
HRH	*36*	*(49%)*	*68*	*(31%)*	*<5*	****	*5*	*(56%)*	*112*	*(36%)*
PH-Female	*17*	*(23%)*	*63*	*(29%)*	*<5*	****	*<5*	****	*83*	*(27%)*
Perinatal	0	(0%)	<5	**	<5	**	0	(0%)	<5	**
Undetermined*	6	(8%)	42	(19%)	0	(0%)	<5	**	49	(16%)
Female Subtotal	**74**	**(24%)**	**216**	**(70%)**	**8**	**(3%)**	**9**	**(3%)**	**307**	**(100%)**

TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	459	(65%)	278	(39%)	20	(56%)	20	(47%)	777	(52%)
Injecting Drug Use	46	(7%)	84	(12%)	<5	**	<5	**	136	(9%)
Male-Male Sex/IDU	32	(5%)	30	(4%)	<5	**	<5	**	65	(4%)
Blood Products	8	(1%)	0	(0%)	<5	**	0	(0%)	9	(1%)
Heterosexual	73	(10%)	151	(21%)	6	(17%)	6	(14%)	236	(16%)
HRH	*56*	*(8%)*	*88*	*(12%)*	*<5*	****	*5*	*(12%)*	*153*	*(10%)*
PH-Female	*17*	*(2%)*	*63*	*(9%)*	*<5*	****	*<5*	****	*83*	*(6%)*
Perinatal	<5	**	7	(1%)	<5	**	0	(0%)	10	(1%)
Undetermined	83	(12%)	162	(23%)	5	(14%)	11	(26%)	261	(17%)
PH-Male	*49*	*(7%)*	*79*	*(11%)*	*<5*	****	*<5*	****	*134*	*(9%)*
Unknown	*34*	*(5%)*	*83*	*(12%)*	*<5*	****	*7*	*(16%)*	*127*	*(9%)*
RACE TOTAL	**703**	**(47%)**	**712**	**(48%)**	**36**	**(2%)**	**43**	**(3%)**	**1494**	**(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*	HIV, not AIDS	AIDS	Total Number	Percent
Allen Park	20	8	7	15	(1%)
Belleville	80	26	34	60	(4%)
Brownstown Township	10	<5	<5	<5	**
Canton	70	29	26	55	(4%)
Dearborn	120	44	50	94	(6%)
Dearborn Heights	80	27	30	57	(4%)
Ecorse	40	14	16	30	(2%)
Flat Rock	10	<5	6	7	(<1%)
Garden City	30	10	10	20	(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	46	84	(6%)
Harper Woods	30	9	13	22	(1%)
Highland Park	310	101	130	231	(15%)
Inkster	180	50	86	136	(9%)
Lincoln Park	60	19	26	45	(3%)
Livonia	90	33	37	70	(5%)
Melvindale	10	5	6	11	(1%)
New Boston	10	<5	<5	5	(<1%)
Northville	20	7	8	15	(1%)
Plymouth	20	10	7	17	(1%)
Redford Township	120	38	49	87	(6%)
River Rouge	40	15	16	31	(2%)
Riverview	10	<5	6	10	(1%)
Rockwood	10	<5	<5	<5	**
Romulus	70	24	26	50	(3%)
Southgate	30	12	9	21	(1%)
Taylor	110	32	52	84	(6%)
Trenton	20	<5	13	14	(1%)
Wayne	40	5	23	28	(2%)
Westland	150	49	66	115	(8%)
Woodhaven	10	<5	0	<5	**
Wyandotte	40	10	20	30	(2%)
UNKNOWN	10	<5	<5	<5	**
TOTAL	*1,980*	*642*	*852*	*1494*	*(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.

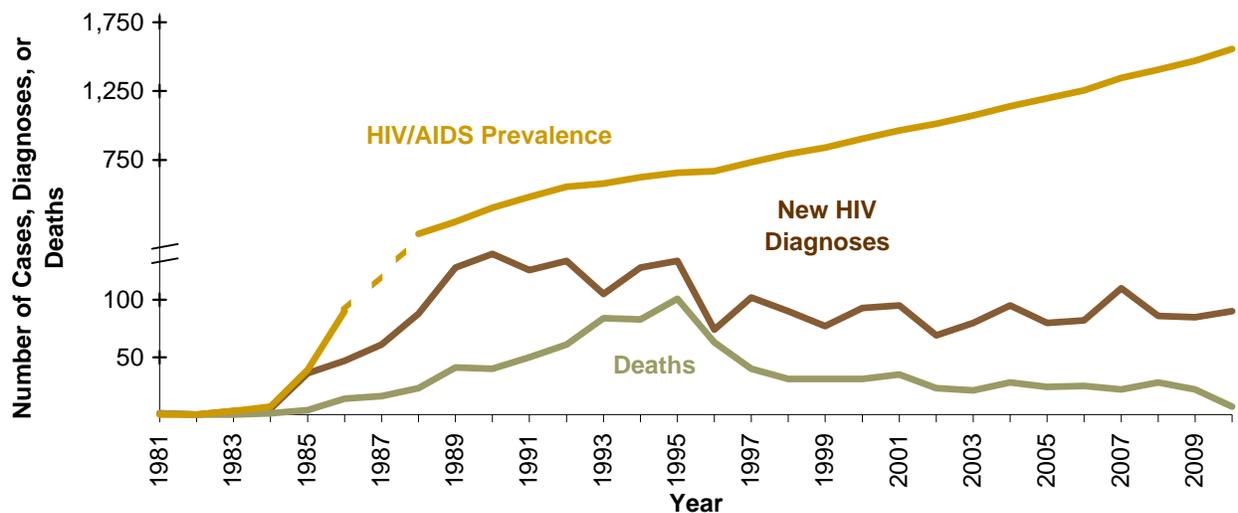## TABLE 4. New Diagnoses, Deaths, and Prevalence of HIV/AIDS in WAYNE CO. (excluding Detroit) by Year

| Year | HIV/AIDS | | | AIDS | | |
	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	88	23	182	49	21	51
1989	128	41	269	78	41	88
1990	140	40	369	77	38	127
1991	126	50	445	94	50	171
1992	134	61	518	117	58	230
1993	105	84	539	102	79	253
1994	128	83	584	100	77	276
1995	134	101	617	112	93	295
1996	74	63	628	67	60	302
1997	102	40	690	67	33	336
1998	90	31	749	69	26	379
1999	77	31	795	50	26	403
2000	93	31	857	67	26	444
2001	95	35	917	54	27	471
2002	69	23	963	58	19	510
2003	80	21	1,022	58	19	549
2004	95	28	1,089	59	24	584
2005	80	24	1,145	66	20	630
2006	82	25	1,202	71	23	678
2007	110	22	1,290	75	21	732
2008	86	28	1,348	66	27	771
2009	85	22	1,411	55	22	804
2010	90	7	*1,494*	53	5	*852*
TOTAL	2,444	950		1,722	870	

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 1,494 The prevalence of AIDS, which is a subset of HIV/AIDS prevalence, is 852.

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.	1,880	642	852	1,494	144	1,722
Michigan Total	19,500	6,846	8,049	14,895	149	17,184

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 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.