

TABLE 1: Characteristics of Southeast Michigan Residents Living with HIV or AIDS as of January 1, 2006

	Estimate of HIV Prevalence ¹	Estimated Prevalence Rate ²	Reported Living with AIDS ³		Reported Living with HIV not AIDS ³		2000 Census	Percent
			Number	Percent	Number	Percent		
SOUTHEAST MI* TOTAL	11,210	252	4,071	100%	3,707	100%	4,441,551	100%
SEX								
Male	8,450	190	3146	77%	2718	73%	2,157,470	49%
Female	2,760	62	925	23%	989	27%	2,284,081	51%
BEHAVIOR								
Male-Male sex	5,290	N/A	2049	50%	1619	44%	N/A	N/A
Injecting Drug Use ⁴	1,560	N/A	627	15%	456	12%	N/A	N/A
IDU w/ heterosexual	680	N/A	274	7%	199	5%	N/A	N/A
IDU w/o heterosexual	880	N/A	353	9%	257	7%	N/A	N/A
Male-Male Sex/IDU	450	N/A	177	4%	134	4%	N/A	N/A
Blood Products	80	N/A	38	1%	20	1%	N/A	N/A
Heterosexual ⁵	1,460	N/A	526	13%	489	13%	N/A	N/A
Partner IDU	430	N/A	159	4%	141	4%	N/A	N/A
Partner Bisexual	70	N/A	22	1%	26	1%	N/A	N/A
Partner Rec'd Bld	40	N/A	16	0%	9	0%	N/A	N/A
Partner HIV +	930	N/A	329	8%	313	8%	N/A	N/A
Perinatal	150	N/A	24	1%	78	2%	N/A	N/A
Undetermined	Not Applicable	N/A	630	15%	911	25%	N/A	N/A
Presumed Heterosexual ⁶	Not Applicable	N/A	490	12%	643	17%	N/A	N/A
Other ⁷	Not Applicable	N/A	140	3%	268	7%	N/A	N/A
AGE AT DIAGNOSIS								
0 -12 years	150	3	22	1%	83	2%	863,508	19%
13 -19 years	280	6	42	1%	153	4%	419,442	9%
20 -24 years	1,010	23	189	5%	509	14%	254,469	6%
25 -29 years	1,550	35	445	11%	632	17%	310,242	7%
30 -34 years	2,050	46	758	19%	662	18%	337,435	8%
35 -39 years	2,190	49	878	22%	642	17%	362,411	8%
40 -44 years	1,740	39	742	18%	464	13%	369,557	8%
45 -49 years	1,100	25	486	12%	277	7%	329,490	7%
50 -54 years	670	15	291	7%	173	5%	285,289	6%
55 -59 years	270	6	127	3%	62	2%	213,932	5%
60 -64 years	130	3	56	1%	32	1%	159,475	4%
65 years and over	70	2	35	1%	15	0%	536,301	12%
Unspecified	Not Applicable	N/A	0	0%	<5	**		
RACE / ETHNICITY								
White, Non-Hisp.	3,110	70	1172	29%	986	27%	3,096,900	70%
Black, Non-Hisp.	7,560	170	2751	68%	2495	67%	1,012,262	23%
Hispanic	300	7	108	3%	100	3%	128,075	3%
Asian/Pacific Islander	50	1	20	0%	16	0%	103,290	2%
American Indian	20	0	<5	**	13	0%	13,080	0%
Unspecified/Multi-race	Not Applicable	N/A	16	0%	97	3%	87,944	2%

*Southeast MI includes Wayne Co, Oakland Co, Macomb Co, Monroe Co, St Clair Co, and Lapeer Co

Footnotes for Table 1 on Page 2

**TABLE 2: Southeast Michigan Residents Reported Living with HIV or AIDS:
 Sex by Race by Behavior**

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	1478	78%	2058	56%	84	53%	48	38%	3668	63%
Injecting Drug Use	80	4%	478	13%	26	16%	5	4%	589	10%
Male-Male Sex/IDU	96	5%	209	6%	5	3%	<5	**	311	5%
Blood Recipient	33	2%	7	0%	<5	**	<5	**	43	1%
Heterosexual	47	2%	220	6%	12	8%	<5	**	283	5%
Perinatal	7	0%	44	1%	0	0%	<5	**	53	1%
Undetermined	166	9%	656	18%	30	19%	65	51%	917	16%
<i>Presumed Heterosexual</i>	114	6%	462	13%	23	15%	24	19%	623	11%
<i>Other</i>	52	3%	194	5%	7	4%	41	32%	294	5%
Male Subtotal	1907	(33%)	3672	(63%)	158	(3%)	127	(2%)	5864	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	60	24%	422	27%	9	18%	<5	**	494	26%
Blood Recipient	6	2%	8	1%	<5	**	0	0%	15	1%
Heterosexual	113	45%	583	37%	27	54%	9	23%	732	38%
Perinatal	5	2%	40	3%	<5	**	<5	**	49	3%
Undetermined	67	27%	521	33%	11	22%	25	64%	624	33%
<i>Presumed Heterosexual</i>	56	22%	431	27%	8	16%	15	38%	510	27%
<i>Other</i>	11	4%	90	6%	<5	**	10	26%	114	6%
Female Subtotal	251	(13%)	1574	(82%)	50	(3%)	39	(2%)	1914	100%
GRAND TOTAL	2158	28%	5246	67%	208	3%	166	2%	7778	100%

Note: ** and <5 = 1, 2, 3, or 4 cases

Footnotes for Table 1:

1. This estimate includes all persons living in Southeast MI at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003 and January 2004 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.
2. Rates are calculated per 100,000 population in 2000.
3. Includes reports that contain patient name or are otherwise unduplicated.
4. The IDU risk category is further sub-divided to indicate the number and percentage of persons who also had a sexual partner who is considered to be a "high risk" heterosexual, (i.e., partner is an IDU, a bisexual male (for females), a recipient of HIV infected blood or blood products or a person who is known to be infected with HIV).
5. The heterosexual category includes only those persons with "high risk" heterosexual partners as defined in footnote.
6. This subset of undetermined includes persons who had heterosexual sex but their partner(s)' risk and HIV status are unknown. This may include unconfirmed exposures in the healthcare setting.
7. May include persons with confirmed exposure in the health care setting and pediatric cases with probable sexual mode of transmission.

Note: ** and <5 = 1, 2, 3, or 4 cases

TABLE 3: Southeast Michigan Residents Reported Living with HIV or AIDS: Age at HIV Diagnosis by Behavior

	0-12 years		13-19 years		20-29 years		30-39 years		40-49 years		50 years and over		TOTAL*	
Male-Male Sex	0	0%	112	47%	1199	58%	1450	50%	678	39%	229	34%	3668	47%
Injecting Drug Use	0	0%	7	3%	129	6%	394	14%	419	24%	133	20%	1082	14%
Male-Male Sex/IDU	0	0%	6	3%	57	3%	139	5%	84	5%	25	4%	311	4%
Blood Recipient	8	7%	11	5%	14	1%	14	0%	5	0%	6	1%	58	1%
Heterosexual	0	0%	49	20%	283	14%	363	13%	213	12%	107	16%	1015	13%
Perinatal	102	90%	0	0%	0	0%	0	0%	0	0%	0	0%	102	1%
Undetermined	<5	**	55	23%	400	19%	544	19%	361	21%	176	26%	1539	20%
<i>Presumed Heterosexual</i>	0	0%	42	18%	307	15%	420	14%	246	14%	118	17%	1133	15%
<i>Other</i>	<5	**	13	5%	93	4%	124	4%	115	7%	58	9%	406	5%
TOTAL	113	(1%)	240	(3%)	2082	(27%)	2904	(37%)	1760	(23%)	676	(9%)	7775	100%

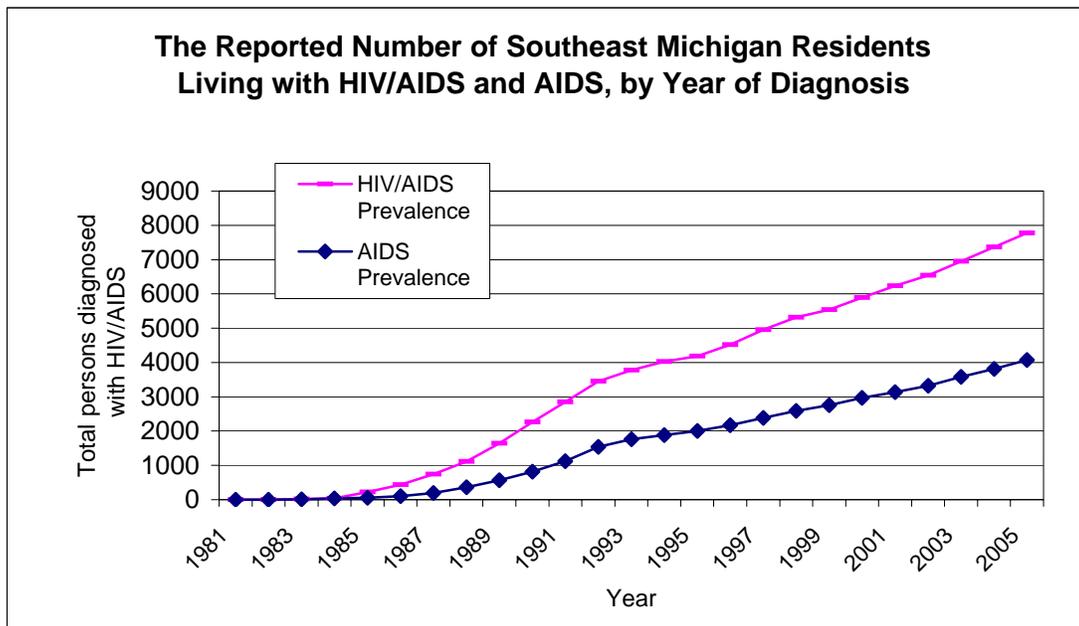
*Does not include cases with unknown age (n<5)

Note: ** and <5 = 1, 2, 3, or 4 cases

TABLE 4: Southeast Michigan Prevalence Calculations
Data through January 1, 2006

Year	HIV/AIDS Deaths/Year	HIV Incidence	AIDS Incidence	HIV/AIDS Prevalence ¹	AIDS Prevalence ²
1981	2	3	3	1	1
1982	0	1	1	2	2
1983	5	18	16	15	13
1984	14	37	34	38	33
1985	42	229	67	225	58
1986	73	284	111	436	99
1987	130	434	224	740	199
1988	176	554	335	1118	362
1989	276	804	474	1646	568
1990	315	932	545	2263	812
1991	366	955	659	2852	1121
1992	467	1067	867	3452	1542
1993	592	920	777	3780	1760
1994	633	884	722	4031	1888
1995	663	821	730	4189	2004
1996	431	765	564	4523	2167
1997	307	737	492	4953	2389
1998	283	642	451	5312	2589
1999	276	502	408	5538	2754
2000	274	628	457	5892	2973
2001	262	609	381	6239	3136
2002	209	513	378	6543	3324
2003	183	587	416	6947	3581
2004	170	587	375	7364	3809
2005	142	559	389	7781	4072
Unknown Yr ³	3	0	0	7778	4071
TOTAL	6291	14072	9876		

1. Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 7,778 persons through January 1, 2006.
2. Reported AIDS prevalence (all persons currently living with an AIDS diagnosis; note this is a subset of the HIV/AIDS prevalence listed above) is 4,071 persons through January 1, 2006.
3. Persons with an unknown date of death have been subtracted from the latest prevalence year.



Information based on the January 1, 2006 Michigan Quarterly HIV/AIDS Analysis

Residence at Time of Diagnosis	Estimate of HIV Prevalence	Estimated Prevalence Rate	Persons Living with AIDS	Persons Living with HIV not AIDS	Persons Ever Diagnosed with AIDS
Southeast MI	11,210	252.4	4,071	3,707	9,876
Michigan Total	16,200	163.0	6,072	5,909	14,286

Note: This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed.
 Rates are calculated per 100,000 population in 2000.
 Data includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.