

2010 Profile of HIV/AIDS in Out-State Michigan

Focus on Ingham County

Data from HIV/AIDS Reporting System (eHARS)

Overview and Mode of Transmission:

Based on the rate found on Table 4 (pages 5-40—41), Ingham County is tied with Kent County for the highest rate of HIV infection in Out-State Michigan at 159 per 100,000. Statewide, this is the third highest rate statewide, after the City of Detroit (623 per 100,000).

Of the 441 persons living with HIV in Ingham County, 60 percent are classified as MSM (including MSM/IDU), compared with 53 percent statewide. Fourteen percent of persons living with HIV in Ingham County are classified as IDU (including MSM/IDU), compared to 16 percent statewide. Eighteen percent are classified as heterosexual (overall; 12 percent HRH, 6 percent PH-Fem), compared to 17 percent statewide (overall; 12 percent HRH, 5 percent PH-Fem).

HIV-infected individuals living in Ingham County are less likely to have been infected through injection drug use, more likely to have been infected through MSM behavior, and just as likely to have been infected through heterosexual sex, when compared to the entire state.

Race/Ethnicity and Sex:

Persons living with HIV in Ingham County are 37 percent black and 53 percent white. However, the rate among black persons is 5.1 times higher than the rate among white persons (568 per 100,000 black; 111 per 100,000 white—data not shown in table). These proportions are the inverse of the statewide distribution of cases, which is 58 percent black and 36 percent white, where the rate among black persons is nine times the rate among white persons (627 per 100,000 black; 70 per 100,000 white).

Seven percent of the persons living with HIV in Ingham County are Hispanic, compared to five percent statewide. However the rate among Hispanics in Ingham County is about equal with the rate of Hispanics statewide (186 per 100,000 in Ingham County; 170 per 100,000 statewide). The Hispanic population in Michigan is discussed further on page 3-51.

Of the 441 persons living with HIV in Ingham County, 78 percent are male and 22 percent are female. This is similar to the entire state (77 percent male and 23 percent female). Please see Table 10, page 5-47 for Ingham County demographic data.

Foreign-Born Persons:

Statewide, there are 834 persons living with HIV who were born in a country other than the US. Of these, 47 (6 percent) persons are currently living in Ingham County. Of these, 64 percent were born in Africa, compared with 33 percent statewide, 34 percent in the Detroit Metro Area, and 46 percent in Out-State Michigan. Fifteen percent of those foreign-born persons living with HIV in Ingham County were born in South and Central America (including Mexico), compared with 40 percent statewide, 32 percent in the Detroit Metro Area, and 38 percent in Out-State Michigan. Thirteen percent of those foreign-born individuals living with HIV in Ingham County were born in Asia, compared with 10 percent statewide, 16 percent in the Detroit Metro Area, and five percent in Out-State Michigan. Nine percent of those foreign-born individuals living with HIV in Ingham County were born in countries other than Africa, South and Central America or Asia, compared with 17 percent statewide, 19 percent in the Detroit Metro Area, and 10 percent in Out-State Michigan.

Foreign-born persons living in Ingham County are more likely to be African born and less likely to have been born in South and Central American countries.

Table 10: Sex, Race, and Risk Among HIV/AIDS Cases Currently Living in Ingham County, Michigan, 2010

MALES	White		Black		Hispanic		Other or Unknown		Male Subtotal	
Male-Male sex	166	79%	47	47%	17	68%	<5	**	234	68%
Injecting Drug Use	7	3%	5	5%	<5	**	<5	**	16	5%
Male-Male Sex/IDU	22	10%	8	8%	<5	**	<5	**	32	9%
Blood Products	5	2%	<5	**	0	0%	0	0%	8	2%
Heterosexual*	<5	**	9	9%	0	0%	0	0%	10	3%
Perinatal	0	0%	<5	**	0	0%	0	0%	<5	**
Undetermined	9	4%	26	26%	<5	**	<5	**	43	13%
<i>PH-Male</i>	6	3%	20	20%	<5	**	<5	**	32	9%
<i>Unknown</i>	<5	**	6	6%	<5	**	0	0%	11	3%
Male Subtotal	210	61%	99	29%	25	7%	10	3%	344	100%
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	<5	**	8	13%	<5	**	0	0%	15	15%
Blood Products	0	0%	<5	**	0	0%	0	0%	<5	**
Heterosexual	18	72%	46	72%	<5	**	<5	0%	69	71%
<i>HRH</i>	13	52%	27	42%	<5	**	<5	0%	42	43%
<i>PH-Female</i>	5	20%	19	30%	<5	**	<5	0%	27	28%
Perinatal	<5	**	0	0%	0	0%	0	0%	<5	**
Undetermined*	<5	**	9	14%	0	0%	0	0%	11	11%
Female Subtotal	25	26%	64	66%	6	6%	<5	**	97	100%
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	166	71%	47	29%	17	55%	<5	**	234	53%
Injecting Drug Use	11	5%	13	8%	6	19%	<5	**	31	7%
Male-Male Sex/IDU	22	9%	8	5%	<5	**	<5	**	32	7%
Blood Products	5	2%	<5	**	0	0%	0	0%	9	2%
Heterosexual	19	8%	55	34%	<5	**	<5	**	79	18%
<i>HRH</i>	14	6%	36	22%	<5	**	<5	**	52	12%
<i>PH-Female</i>	5	2%	19	12%	<5	**	<5	**	27	6%
Perinatal	<5	**	<5	**	0	0%	0	0%	<5	**
Undetermined	11	5%	35	21%	<5	**	<5	**	54	12%
<i>PH-Male</i>	6	3%	20	12%	<5	**	<5	**	32	7%
<i>Unknown</i>	5	2%	15	9%	<5	**	0	0%	22	5%
RACE TOTAL	235	53%	163	37%	31	7%	12	3%	441	100%

*In the male subset all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males. 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.