

2010 Profile of HIV/AIDS in Out-State Michigan

Focus on Kent 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), Kent County is tied with Ingham County for the highest rate of HIV infection in Out-State Michigan at 159 per 100,000. Statewide, this is the second highest rate statewide, after the City of Detroit (623 per 100,000).

Of the 960 persons living with HIV in Kent County, 58 percent are classified as MSM (including MSM/IDU), compared with 53 percent statewide. Thirteen percent of persons living with HIV in Kent County are classified as IDU (including MSM/IDU), compared to 16 percent statewide. Twenty percent are classified as heterosexual (overall; 15 percent HRH, 5 percent PH-Fem), compared to 17 percent statewide (overall; 12 percent HRH, 5 percent PH-Fem).

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

Race/Ethnicity and Sex:

Persons living with HIV in Kent County are 36 percent black and 49 percent white. However, the rate among black persons is 6.5 times higher than the rate among white persons (657 per 100,000 black; 100 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).

Thirteen percent of the persons living with HIV in Kent County are Hispanic, compared to five percent statewide. The rate among Hispanics in Kent County is 1.2 times the rate of Hispanics statewide (210 per 100,000 in Kent County; 170 per 100,000 statewide). The Hispanic population in Michigan is discussed further on page 3-51.

Of the 960 persons living with HIV in Kent County, 79 percent are male and 21 percent are female. This is similar to the entire state (77 percent male and 23 percent female). Please see Table 9, page 5-46 for Kent 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, 181 (22 percent) persons are currently living in Kent County. Of these, 46 percent were born in Africa, compared with 33 percent statewide, 34 percent in the Detroit Metro Area, and 46 percent in Out-State Michigan. Forty-two percent of those foreign-born persons living with HIV in Kent 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. Three percent of those foreign-born individuals living with HIV in Kent 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 Kent 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 Kent County are more likely to be African born and less likely to have been born in Asian countries.

Table 9: Sex, Race, and Risk Among HIV/AIDS Cases Currently Living in Kent County, Michigan, 2010

MALES	White		Black		Hispanic		Other or Unknown		Male Subtotal	
Male-Male sex	352	82%	92	43%	48	50%	8	50%	500	66%
Injecting Drug Use	5	1%	27	13%	10	10%	0	0%	42	6%
Male-Male Sex/IDU	29	7%	17	8%	7	7%	<5	**	55	7%
Blood Products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual*	8	2%	24	11%	8	8%	<5	**	42	6%
Perinatal	<5	**	<5	**	0	0%	0	0%	5	1%
Undetermined	32	7%	51	24%	23	24%	<5	**	110	15%
<i>PH-Male</i>	23	5%	46	21%	21	22%	<5	**	94	12%
<i>Unknown</i>	9	2%	5	2%	<5	**	0	0%	16	2%
Male Subtotal	429	57%	214	28%	96	13%	16	2%	755	100%
FEMALES	White		Black		Hispanic		Other or Unknown		Female Subtotal	
Injecting Drug Use	<5	**	17	13%	<5	**	<5	**	26	13%
Blood Products	0	0%	0	0%	0	0%	0	0%	0	0%
Heterosexual	30	73%	97	73%	18	72%	5	83%	150	73%
<i>HRH</i>	26	63%	57	43%	14	56%	<5	**	99	48%
<i>PH-Female</i>	<5	**	40	30%	<5	**	<5	**	51	25%
Perinatal	0	0%	<5	**	<5	**	0	0%	6	3%
Undetermined*	7	17%	16	12%	0	0%	0	0%	23	11%
Female Subtotal	41	20%	133	65%	25	12%	6	3%	205	100%
TOTAL	White		Black		Hispanic		Other or Unknown		Risk Total	
Male-Male sex	352	75%	92	27%	48	40%	8	36%	500	52%
Injecting Drug Use	9	2%	44	13%	14	12%	<5	**	68	7%
Male-Male Sex/IDU	29	6%	17	5%	7	6%	<5	**	55	6%
Blood Products	<5	**	0	0%	0	0%	0	0%	<5	**
Heterosexual	38	8%	121	35%	26	21%	7	32%	192	20%
<i>HRH</i>	34	7%	81	23%	22	18%	<5	**	141	15%
<i>PH-Female</i>	<5	**	40	12%	<5	**	<5	**	51	5%
Perinatal	<5	**	6	2%	<5	**	0	0%	11	1%
Undetermined	39	8%	67	19%	23	19%	<5	**	133	14%
<i>PH-Male</i>	23	5%	46	13%	21	17%	<5	**	94	10%
<i>Unknown</i>	16	3%	21	6%	<5	**	0	0%	39	4%
RACE TOTAL	470	49%	347	36%	121	13%	22	2%	960	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.