

2010 Profile of HIV/AIDS in Michigan

Special Populations: American Indians & Alaskan Natives

Data from HIV/AIDS Reporting System (eHARS)

In this report American Indians & Alaskan Natives (AI/AN) have been combined into one race/ethnicity category. This group makes up less than one percent of those living with HIV in Michigan and one percent of the general population of Michigan. We recognize that people who belong to this racial category may not be recorded as such in the medical record. Therefore the information we present here should be viewed as the minimum number of AI/AN persons infected with HIV. (Table 5, page 3-85)

MDCH estimates that there are approximately 50 AI/AN persons living with HIV disease in Michigan. Just over half of AI/AN living with HIV/AIDS are in Out-State Michigan (55 percent), where the same proportion of these cases were diagnosed. Of the 44 reported cases, half are HIV, not AIDS and half percent are AIDS. The proportion of AI/AN who have progressed to AIDS (50 percent) is slightly lower than the proportion diagnosed with AIDS among persons living with HIV statewide (54 percent). Of those who have progressed to AIDS, 23 percent were concurrently diagnosed with AIDS at the same time as their initial HIV diagnosis. This is lower than the proportion of all cases with concurrent diagnoses of HIV and AIDS (43 percent).

The counties where AI/AN were initially diagnosed with HIV include Wayne (23 percent), Kent (11 percent), Ingham (9 percent), Oakland (9 percent), Grand Traverse (7 percent), Macomb (5 percent) counties, and 14 percent were diagnosed while living in another state. The remaining 22 percent are among Bay, Chippewa, Eaton, Isabella, Jackson, Mackinac, Menominee, Muskegon, Newaygo and Tuscola counties.

The age at HIV diagnosis (including those with AIDS) is similar to the age distribution for all cases in Michigan, with two percent ages 0-12, none 13-19, 25 percent 20-24, nine percent 25-29, 43 percent 30-39, 14 percent 40-49, five percent 50-59, and two percent age 60 and older. The main difference is that more HIV-infected AI/AN persons are 20-24 (25 percent AI/AN v 13 percent all cases) and in their 30s (43 percent AI/AN v 36 percent all cases). Also, fewer are 25 to 29 (9 percent AI/AN v 17 percent all cases) and in their forties (12 percent AI/AN v 21 percent all cases).

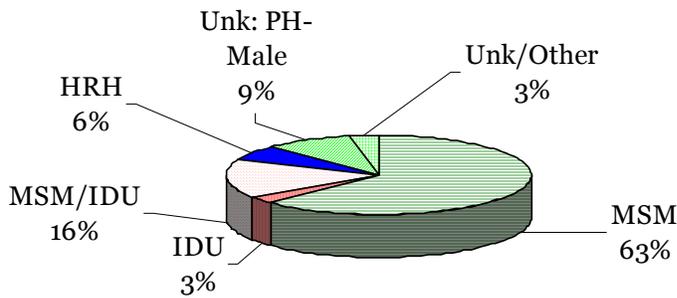
For more data on AI/AN persons living with HIV in Michigan, please see Tables 24 & 25, pages 3-105-106.

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Seventy-three percent of the cases are among males and 27 percent are among females. Among the 32

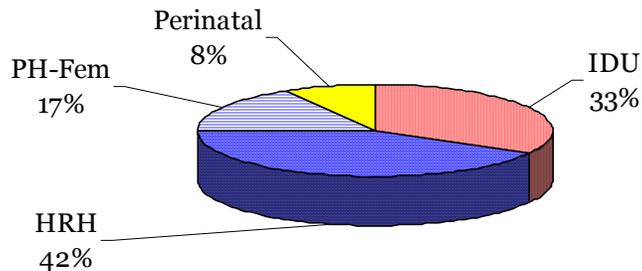
Figure 61: American Indian and Alaskan Native Males, Living with HIV/AIDS in Michigan, by Mode of Transmission (N = 32)



male cases, over three-quarters (79 percent) were attributed to MSM (including MSM/IDU) and 19 percent attributed to injection drug use (including MSM/IDU). Six percent report HRH and 12 percent have an unknown mode of transmission. See Figure 61.

percent) were infected heterosexually (overall, 42 percent HRH and 17 percent PH-Fem). Thirty-three percent have reported a risk of injection drug use and eight percent were infected through perinatal transmission. See Figure 62.

Figure 62: American Indian & Alaskan Native Females, Living with HIV/AIDS in Michigan, by Mode of Transmission (N = 12)



Among the 12 females, over half (59

Table 24: Demographic Information on American Indian and Alaskan Native HIV/AIDS Cases Currently Living in Michigan, 2010

	REPORTED PREVALENCE							
	HIV, not AIDS		AIDS		TOTAL		CONCURRENT AIDS	
	Number	Percent of Total	Number	Percent of Total	Number	Percent of Total	Number	Percent of AIDS cases
SEX								
Males	16	73%	16	73%	32	73%	4	25%
Females	6	27%	6	27%	12	27%	1	17%
RISK*								
Male-Male Sex	10	45%	10	45%	20	45%	3	30%
Injection Drug Use	2	9%	3	14%	5	11%	0	0%
MSM/IDU	2	9%	3	14%	5	11%	0	0%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual	5	23%	4	18%	9	20%	1	25%
<i>HRH</i>	4	18%	3	14%	7	16%	1	33%
<i>PH-Female</i>	1	5%	1	5%	2	5%	0	0%
Perinatal	1	5%	0	0%	1	2%	0	0%
Undetermined	2	9%	2	9%	4	9%	1	50%
<i>PH-Male</i>	2	9%	1	5%	3	7%	1	100%
Unknown	0	0%	1	5%	1	2%	0	0%
AGE AT HIV DIAGNOSIS								
0 - 12 years	1	5%	0	0%	1	2%	0	0%
13 - 19 years	0	0%	0	0%	0	0%	0	0%
20 - 24 years	7	32%	4	18%	11	25%	1	25%
25 - 29 years	1	5%	3	14%	4	9%	0	0%
30 - 39 years	8	36%	11	50%	19	43%	3	27%
40 years and older	5	23%	4	18%	9	20%	1	25%
Unspecified	0	0%	0	0%	0	0%	0	0%
AREA OF RESIDENCE AT DIAGNOSIS								
Detroit Metro Area	10	45%	8	36%	18	41%	3	38%
Out-State	12	55%	12	55%	24	55%	2	17%
Unknown/Prison	0	0%	2	9%	2	5%	0	0%
TOTAL	22	100%	22	100%	44	100%	5	23%

*See page 1-3 for descriptions of prevalence estimate calculations and pages 6-7,8 for risk category groupings. Risk categories used in Michigan are newly defined as of July 2007.

Table 25: Sex, Risk and Age at HIV Diagnosis Among American Indian and Alaskan Native HIV/AIDS Cases Currently Living in Michigan, 2010

MALES	0 - 19 years		20 - 29 years		30 years and older		Male Subtotal	
Male-Male sex	0	0%	7	64%	13	62%	20	63%
Injecting Drug Use	0	0%	0	0%	1	5%	1	3%
Male-Male Sex/IDU	0	0%	3	27%	2	10%	5	16%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual*	0	0%	1	9%	1	5%	2	6%
Perinatal	0	0%	0	0%	0	0%	0	0%
Undetermined	0	0%	0	0%	4	19%	4	13%
<i>PH-Male</i>	0	0%	0	0%	3	14%	3	9%
<i>Unknown</i>	0	0%	0	0%	1	5%	1	3%
Male Subtotal	0	0%	11	34%	21	66%	32	100%

FEMALES	0 - 19 years		20 - 29 years		40 years and older		Female Subtotal	
Injecting Drug Use	0	0%	1	25%	3	43%	4	33%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual	0	0%	3	75%	4	57%	7	58%
<i>HRH</i>	0	0%	2	50%	3	43%	5	42%
<i>PH-Female</i>	0	0%	1	25%	1	14%	2	17%
Perinatal	1	100%	0	0%	0	0%	1	8%
Undetermined*	0	0%	0	0%	0	0%	0	0%
Female Subtotal	1	8%	4	33%	7	58%	12	100%

TOTAL	0 - 19 years		20 - 29 years		40 years and older		Age Total	
Male-Male sex	0	0%	7	47%	13	46%	20	45%
Injecting Drug Use	0	0%	1	7%	4	14%	5	11%
Male-Male Sex/IDU	0	0%	3	20%	2	7%	5	11%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual	0	0%	4	27%	5	18%	9	20%
<i>HRH</i>	0	0%	3	20%	4	14%	7	16%
<i>PH-Female</i>	0	0%	1	7%	1	4%	2	5%
Perinatal	1	100%	0	0%	0	0%	1	2%
Undetermined	0	0%	0	0%	4	14%	4	9%
<i>PH-Male</i>	0	0%	0	0%	3	11%	3	7%
<i>Unknown</i>	0	0%	0	0%	1	4%	1	2%
AGE TOTAL	1	2%	15	34%	28	64%	44	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.