

2010 Profile of HIV/AIDS in Michigan

Special Populations: Asians, Native Hawaiians & Pacific Islanders

Data from HIV/AIDS Reporting System (eHARS)

In this report Asians, Native Hawaiians and Pacific Islanders (A/NH/PI) have been combined into one race/ethnicity category. This group makes up one percent of those living with HIV in Michigan and one percent of the general population of Michigan. (Table 5, page 3-85)

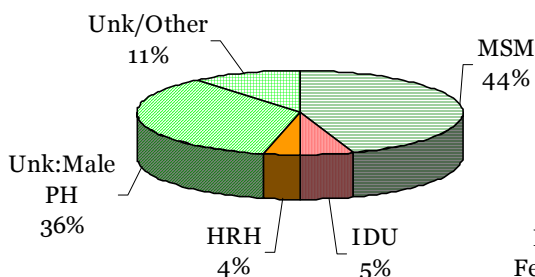
MDCH estimates that there are approximately 90 A/NH/PI persons living with HIV disease in Michigan. Sixty-one percent of this population live in the Detroit Metro Area, where most of these cases were diagnosed. Of the 77 reported cases, 49 percent are HIV, not AIDS and 51 percent are AIDS. Of those who have progressed to AIDS, 59 percent were concurrently diagnosed with AIDS at the same time as their initial HIV diagnosis. This is higher than the proportion of all concurrent AIDS diagnosis (43 percent), indicating that A/NH/PI persons test later than the persons living with HIV statewide.

The counties where A/NH/PI were initially diagnosed with HIV include Wayne (27 percent), Oakland (25 percent), Ingham (6 percent), Kent (6 percent), Kalamazoo (4 percent), Jackson (3 percent), Macomb (3 percent), and unknown and out of state (14 percent). The remaining 12 percent are among Barry, Bay, Calhoun, Eaton, Genesee, Ottawa, Saginaw, Shiawassee and Washtenaw counties.

The age at HIV diagnosis (including those with AIDS) is similar to the age distribution for all cases in Michigan, with four percent ages 0-19, 10 percent 20-24, 32 percent 25-29, 34 percent 30-39, 17 percent 40-49, three percent 50 –59, and none age 60 and older. The main difference is that more HIV-infected A/NH/PI persons were 25-29 at HIV diagnosis (32 percent A/NH/PI v 17 percent all cases).

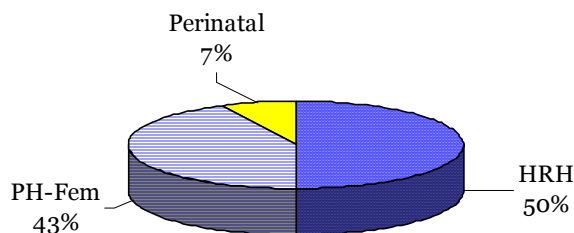
For more data on A/NH/PI persons living with HIV in Michigan, please see Tables 22 & 23, pages 3-103–104.

Figure 59: Asian/Pacific Islander/Native Hawaiian Males, Living with HIV/AIDS in Michigan, by Mode of Transmission (N = 56)



Seventy-three percent of the cases are among males and 27 percent are among females. Among the 56 male cases, less than half (44 percent) were attributed to MSM and five percent attributed to injection drug use. Forty-seven percent have an unknown mode of transmission. See Figure 59.

Figure 60: Asian/Pacific Islander/Native Hawaiian Females, Living with HIV/AIDS in Michigan, by Mode of Transmission (N = 21)



Among the 21 females, almost all were infected heterosexually (overall, 50 percent HRH and 43 percent PH-Fem). None were attributed to injection drug use and seven percent were infected through perinatal transmission. See Figure 60.

Table 22: Demographic Information on Asian, Native Hawaiian and Pacific Islander 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	25	66%	31	79%	56	73%	19	61%
Females	13	34%	8	21%	21	27%	4	50%
RISK*								
Male-Male Sex	12	32%	13	33%	25	32%	10	77%
Injection Drug Use	2	5%	1	3%	3	4%	1	100%
MSM/IDU	0	0%	0	0%	0	0%	0	0%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual	6	16%	9	23%	15	19%	3	33%
<i>HRH</i>	4	11%	5	13%	9	12%	1	20%
<i>PH-Female</i>	2	5%	4	10%	6	8%	2	50%
Perinatal	1	3%	0	0%	1	1%	0	0%
Undetermined	17	45%	16	41%	33	43%	9	56%
<i>PH-Male</i>	7	18%	13	33%	20	26%	6	46%
<i>Unknown</i>	10	26%	3	8%	13	17%	3	100%
AGE AT HIV DIAGNOSIS								
0 - 12 years	1	3%	0	0%	1	1%	0	0%
13 - 19 years	2	5%	0	0%	2	3%	0	0%
20 - 24 years	6	16%	2	5%	8	10%	0	0%
25 - 29 years	12	32%	13	33%	25	32%	6	46%
30 - 39 years	14	37%	12	31%	26	34%	10	83%
40 years and older	3	8%	12	31%	15	19%	7	58%
Unspecified	3	8%	0	0%	3	4%	0	0%
AREA OF RESIDENCE AT DIAGNOSIS								
Detroit Metro Area	20	53%	27	69%	47	61%	17	63%
Out-State	18	47%	11	28%	29	38%	5	45%
Unknown/Prison	0	0%	1	3%	1	1%	1	100%
TOTAL	38	100%	39	100%	77	100%	23	59%

*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 23: Sex, Risk and Age at HIV Diagnosis Among Asian, Native Hawaiian and Pacific Islander 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%	11	48%	14	44%	25	45%
Injecting Drug Use	0	0%	1	4%	2	6%	3	5%
Male-Male Sex/IDU	0	0%	0	0%	0	0%	0	0%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual*	0	0%	2	9%	0	0%	2	4%
Perinatal	0	0%	0	0%	0	0%	0	0%
Undetermined	1	0%	9	39%	16	50%	26	46%
<i>PH-Male</i>	0	0%	6	26%	14	44%	20	36%
<i>Unknown</i>	1	0%	3	13%	2	6%	6	11%
Male Subtotal	1	2%	23	41%	32	57%	56	100%

FEMALES	0 - 19 years		20 - 29 years		30 years and older		Female Subtotal	
Injecting Drug Use	0	0%	0	0%	0	0%	0	0%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual	1	50%	5	50%	7	78%	13	62%
<i>HRH</i>	1	50%	1	10%	5	56%	7	33%
<i>PH-Female</i>	0	0%	4	40%	2	22%	6	29%
Perinatal	1	50%	0	0%	0	0%	1	5%
Undetermined*	0	0%	5	50%	2	22%	7	33%
Female Subtotal	2	10%	10	48%	9	43%	21	100%

TOTAL	0 - 19 years		20 - 29 years		30 years and older		Age Total	
Male-Male sex	0	0%	11	33%	14	34%	25	32%
Injecting Drug Use	0	0%	1	3%	2	5%	3	4%
Male-Male Sex/IDU	0	0%	0	0%	0	0%	0	0%
Blood Products	0	0%	0	0%	0	0%	0	0%
Heterosexual	1	33%	7	21%	7	17%	15	19%
<i>HRH</i>	1	33%	3	9%	5	12%	9	12%
<i>PH-Female</i>	0	0%	4	12%	2	5%	6	8%
Perinatal	1	33%	0	0%	0	0%	1	1%
Undetermined	1	33%	14	42%	18	44%	33	43%
<i>PH-Male</i>	0	0%	6	18%	14	34%	20	26%
<i>Unknown</i>	1	33%	8	24%	4	10%	13	17%
AGE TOTAL	3	4%	33	43%	41	53%	77	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.