DEPARTMENT OF HEALTH

HIV Prevalence Report Data Tables, Minnesota 2018

Table 1. Number[I] and Rate[II] (per 100,000 persons) of Persons Living with HIV (non-AIDS) and AIDS by Residence, Age, and Sex Assigned at Birth Minnesota, 2018

Group	HIV (non-AIDS)		AIDS		*Total*		*HIV/AIDS*
	Cases	%	Cases	%	*Cases*	*%*	*Prevalence Rate*
Residence[III]							
Minneapolis	1,788	36%	1,402	35%	*3,190*	*36%*	*833.8*
St. Paul	631	13%	518	13%	*1,149*	*13%*	*403.1*
Suburban	1,728	35%	1,377	34%	*3,105*	*35%*	*142.3*
Greater Minnesota	777	16%	745	18%	*1,522*	*17%*	*62.0*
Total	*4,924*	*100%*	*4,042*	*100%*	*8,966*	*100%*	*169.0*
Age[IV]							
<13 yrs	45	1%	3	<1%	*48*	*1%*	*5.2*
13-19 yrs	58	1%	7	<1%	*65*	*1%*	*12.8*
20-24 yrs	137	3%	38	1%	*175*	*2%*	*49.2*
25-29 yrs	449	9%	102	3%	*551*	*6%*	*147.8*
30-34 yrs	540	11%	235	6%	*775*	*9%*	*226.0*
35-39 yrs	590	12%	372	9%	*962*	*11%*	*293.1*
40-44 yrs	528	11%	422	10%	*950*	*11%*	*269.2*
45-49 yrs	617	13%	542	13%	*1,159*	*13%*	*285.3*
50-54 yrs	669	14%	721	18%	*1,390*	*15%*	*346.0*
55-59 yrs	570	12%	760	19%	*1,330*	*15%*	*380.4*
60+ yrs	727	15%	842	21%	*1,569*	*17%*	*162.9*
Total	*4,930*	*100%*	*4,044*	*100%*	*8,974*	*100%*	*169.2*
Gender	3,677	74%	3,068	76%	*6,745*	*75%*	*256.3*
Male	1,260	26%	976	24%	*2,236*	*25%*	*83.7*
Female	*4,937*	*100%*	*4,044*	*100%*	*8,981*	*100%*	*169.3*
Total	*4,937*		*4,044*		*8,981*		*169.3*

[I] Cases reported to MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2019.

[II] HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g persons aged 20-24 years) by the estimated population for that stratum and multiplying by 100,000. Population estimates are based on 2010 U.S. Census data.

[III] Residence information missing for 13 persons living with HIV and 2 persons living with AIDS.

[IV] Age missing for 7 persons living with HIV and 0 persons living with AIDS.

Suburban = Seven-county metropolitan area except Minneapolis & St. Paul (Anoka, Carver, Dakota, Hennepin (except Minneapolis), Ramsey (except St. Paul), Scott, and Washington counties). Greater Minnesota = Remaining 80 counties outside of the seven-county metropolitan area.

Numbers exclude federal and private prisoners, but include 133 state prisoners, 169 refugees in the HIV-Positive Refugee Resettlement Program, and 164 additional refugees/immigrants with HIV infection prior to resettling in Minnesota.

Percentages may not add to 100 due to rounding.

Table 2. Number of People Living with HIV and Rates (per 100,000) Living with HIV (non-AIDS) and AIDS by Race/Ethnicity and Mode of Exposure[I] by Sex Assigned at Birth- Minnesota, 2018

Group	Males				Females				Total				
	HIV (non-AIDS)	AIDS	Total		HIV (non-AIDS)	AIDS	Total		HIV (non-AIDS)	AIDS	Grand Total		
			Cases	%			Cases	%			Cases	%	Rate[III]
Race/Ethnicity													
White, non-Hispanic	2,063	1,566	*3,629*	*54%*	277	211	*488*	*22%*	*2,340*	*1,777*	*4,117*	*46%*	*91.0*
Black[II], African-American, non-Hispanic	711	610	*1,321*	*20%*	296	259	*555*	*25%*	*1,007*	*869*	*1,876*	*21%*	*1106.2*
Black[II], African-born, non-Hispanic	308	308	*616*	*9%*	510	342	*852*	*38%*	*818*	*650*	*1,468*	*16%*	*1400.4*
Hispanic, any race	361	388	*749*	*11%*	75	70	*145*	*7%*	*436*	*458*	*894*	*10%*	*357.2*
American Indian, non-Hispanic	28	35	*63*	*1%*	25	27	*52*	*2%*	*53*	*62*	*115*	*1%*	*188.8*
Asian/PI, non-Hispanic	76	61	*137*	*2%*	27	24	*51*	*2%*	*103*	*85*	*188*	*2%*	*86.9*
Other[II] , non-Hispanic	122	99	*221*	*3%*	44	43	*87*	*4%*	*166*	*142*	*308*	*3%*	*X*
Total	*3,669*	*3,067*	*6,736*	*100%*	*1,254*	*976*	*2,230*	*100%*	*4,923*	*4,043*	*8,966*	*100%*	*169.0*
Mode of Exposure													
MSM	2,508	1,856	*4,364*	*65%*	--	--	--	--	*2,508*	*1,856*	*4,364*	*49%*	*X*
IDU	105	135	*240*	*4%*	80	95	*175*	*8%*	*185*	*230*	*415*	*5%*	*X*
MSM/IDU	254	232	*486*	*7%*	--	--	--	--	*254*	*232*	*486*	*5%*	*X*
Heterosexual (Total)	(135)	(173)	(308)	*5%*	(442)	(364)	(806)	*36%*	*(577)*	*(537)*	*(1114)*	*12%*	*X*
Perinatal	34	17	*51*	*1%*	45	13	58	*3%*	79	30	109	*1%*	*X*
Other	7	19	*26*	*0%*	3	3	*6*	*0%*	*10*	*22*	*32*	*0%*	*X*
Unspecified	634	636	*1,270*	*19%*	690	501	*1,191*	*53%*	*1,324*	*1,137*	*2,461*	*27%*	*X*
Total	*3,677*	*3,068*	*6,745*	*100%*	*1,260*	*976*	*2,236*	*100%*	*4,937*	*4,044*	*8,981*	*100%*	*169.3*

[I] Cases reported to MDH, assumed to be alive and currently residing in Minnesota as of December 31, 2018.

[II] African-born Blacks are reported separately from other Blacks (born in the U.S. or elsewhere). "Other" includes multi-racial persons and persons with unknown or missing race.

[III] Rates calculated using U.S. Census 2010 data. The population estimate for African-born persons was calculated by the Minnesota State Demographic Center. The population estimate for Black, African-American persons (169,584) was calculated by subtracting the U.S. Census estimate

for African-born persons (104,828) from the total Black population (274,412). Note that this assumes that all African-born persons are Black (as opposed to another race).

[IV] Hetero, unknown risk - Females who were interviewed and whose only risk is heterosexual contact but who were not able to provide information on the sexual partner's risk.

MSM = Men who have sex with men. IDU = Injecting drug use. Heterosexual = For males: heterosexual contact with a female known to be HIV+, an injecting drug user, or a hemophiliac/blood product or organ transplant recipient. For females: heterosexual contact with a male known to be HIV+, bisexual, an injecting drug user, or a hemophiliac/blood product or organ transplant recipient. Perinatal = Mother to child HIV transmission. Other = Hemophilia patient/blood product or organ transplant recipient. Unspecified = Cases who did not acknowledge any of the risks listed above. No Interview, Unspecified = Cases who refused to be, could not be or have not yet been interviewed.

Numbers exclude federal and private prisoners, but include 133 state prisoners, 169 refugees in the HIV-Positive Refugee Resettlement Program, and 164 additional refugees/immigrants with HIV infection prior to resettling in Minnesota.

Percentages may not add to 100 due to rounding.

Table 3. Number and Rate (per 100,000) of Persons Living with HIV (non-AIDS) and AIDS by County of Residence[I] -- Minnesota, 2018

County[II]	HIV (non-AIDS)	AIDS	Total	Rate[III]
Aitkin	4	1	*5*	*30.9*
Anoka	239	205	*444*	*134.2*
Becker	8	7	*15*	*46.1*
Beltrami	14	13	*27*	*60.8*
Benton	19	18	*37*	*96.2*
Big Stone	0	0	*0*	-
Blue Earth	26	17	*43*	*67.2*
Brown	5	6	*11*	*42.5*
Carlton	5	12	*17*	*48.0*
Carver	27	32	*59*	*64.8*
Cass	8	11	*19*	*66.5*
Chippewa	3	5	*8*	*64.3*
Chisago	12	10	*22*	*40.8*
Clay	29	17	*46*	*78.0*
Clearwater	2	2	*4*	-
Cook	0	2	*2*	-
Cottonwood	3	6	*9*	*77.0*
Crow Wing	10	6	*16*	*25.6*
Dakota	261	210	*471*	*118.2*
Dodge	3	2	*5*	*24.9*
Douglas	9	4	*13*	*36.1*
Faribault	3	5	*8*	*55.0*
Fillmore	4	2	*6*	*28.8*
Freeborn	2	11	*13*	*41.6*
Goodhue	6	14	*20*	*43.3*
Grant	4	4	*8*	*132.9*

County[II]	HIV (non-AIDS)	AIDS	Total	Rate[III]
Hennepin	2665	2064	*4,729*	*410.4*
Houston	4	6	*10*	*52.6*
Hubbard	3	2	*5*	*24.5*
Isanti	12	8	*20*	*52.9*
Itasca	10	11	*21*	*46.6*
Jackson	4	6	*10*	*97.4*
Kanabec	4	4	*8*	*49.3*
Kandiyohi	19	13	*32*	*75.8*
Kittson	0	3	*3*	-
Koochiching	1	0	*1*	-
Lac Qui Parle	0	3	*3*	-
Lake	5	2	*7*	*64.4*
Lake of the Woods	1	0	1	-
Le Sueur	6	9	*15*	*54.1*
Lincoln	4	1	*5*	*84.8*
Lyon	7	4	*11*	*42.5*
McLeod	13	9	*22*	*60.0*
Mahnomen	0	0	*0*	-
Marshall	2	0	*2*	-
Martin	7	7	*14*	*67.2*
Meeker	8	4	*12*	*51.5*
Mille Lacs	4	15	*19*	*72.8*
Morrison	7	7	*14*	*42.2*
Mower	32	31	*63*	*160.9*
Murray	2	0	*2*	-
Nicollet	10	8	*18*	*55.0*

County[II]	HIV (non-AIDS)	AIDS	Total	Rate[III]
Nobles	14	15	*29*	*135.7*
Norman	3	0	*3*	-
Olmsted	93	83	*176*	*122.0*
Otter Tail	14	8	*22*	*38.4*
Pennington	4	3	*7*	*50.3*
Pine	6	9	*15*	*50.4*
Pipestone	3	2	*5*	*52.1*
Polk	9	10	*19*	*60.1*
Pope	3	6	*9*	*81.9*
Ramsey	766	643	*1,409*	*277.0*
Red Lake	0	2	*2*	-
Redwood	2	1	*3*	-
Renville	3	5	*8*	*50.9*
Rice	46	31	*77*	*120.0*
Rock	2	4	*6*	*61.9*
Roseau	0	0	*0*	-
St. Louis	78	87	*165*	*82.4*
Scott	57	64	*121*	*93.1*

County[II]	HIV (non-AIDS)	AIDS	Total	Rate[III]
Sherburne	28	26	*54*	*61.0*
Sibley	4	1	*5*	*32.8*
Stearns	41	55	*96*	*63.7*
Steele	8	6	*14*	*38.3*
Stevens	0	3	*3*	-
Swift	1	5	*6*	*61.3*
Todd	1	2	*3*	-
Traverse	1	1	*2*	-
Wabasha	3	5	*8*	*36.9*
Wadena	2	2	*4*	-
Waseca	4	4	*8*	*41.8*
Washington	132	79	*211*	*88.6*
Watonwan	2	2	*4*	-
Wilkin	1	2	*3*	-
Winona	18	8	*26*	*50.5*
Wright	38	29	*67*	*53.7*
Yellow Medicine	1	0	*1*	-
State Total[II]	*4,924*	*4,042*	*8,966*	*182.3*

[I] Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of December 31, 2018.

[II] Residence information missing for 12 persons living with HIV and 3 persons living with AIDS. Total rate is based on all cases in the state (n=8,966) Numbers by county exclude federal, and private prisoners, but include 169 refugees in the HIV-Positive Refugee Resettlement Program and 164 additional refugees/immigrants with HIV infection prior to resettling in Minnesota. Numbers for counties in which a state correctional facility is located exclude those inmates. The total number of state prisoners is 133. State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Itasca, Rice, Scott, Sherburne, and Washington.

[III] HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g persons living in Hennepin county) by the estimated population for that stratum and multiplying by 100,000. Population estimates are based on 2010 U.S. Census data. Rates not calculated for counties with fewer than 5 cases.

Table 4. Number of New HIV Cases, People Living with HIV (PLWH), All Deaths[I] and Deaths Due to Underlying HIV disease, Minnesota 2007-2018

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total HIV Diagnoses	330	322	366	331	292	314	303	312	303	300	280	286
PLWH	5,950	6,221	6,552	6,814	7,136	7,516	7,723	7,988	8,215	8,554	8,789	8,966
All Deaths	128	115	127	111	134	108	123	167	141	107	106	82
Death Due to Underlying HIV Disease	75	54	70	61	51	30	52	61	44	46	36	26

[I] HIV (non-AIDS) = New cases of HIV infection (excluding AIDS at first diagnosis) diagnosed within a given calendar year. AIDS = All new cases of AIDS diagnosed within a given calendar year, including AIDS at first diagnosis. All deaths= Number of deaths known to have occurred among all people living with HIV infection in Minnesota, regardless of location of diagnosis and cause of death.

[II]Numbers include refugees in the HIV-Positive Refugee Resettlement Program and other refugees/immigrants diagnosed with AIDS subsequent to their arrival in the U.S.

These numbers refer to events, not individuals. For example, a person diagnosed as an HIV (non-AIDS) case in 2003 and then diagnosed as an AIDS case in 2008 will be counted twice in Table 4, once for each event. Thus, the numbers of HIV (non-AIDS) and AIDS cases cannot be summed over years to obtain cumulative totals. Please refer to the Minnesota HIV Surveillance Report, 2018 New HIV Infections, Table 1 for cumulative totals.

Case numbers exclude federal and private prisoners.

Minnesota Department of Health
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