

HIV Prevalence Report Data Tables, Minnesota 2019

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, 2019

Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS
	Cases	%	Cases	%	Cases	%	Prevalence Rate
Residence^{III}							
Minneapolis	1,813	36%	1,354	33%	3,167	35%	827.8
St. Paul	649	13%	505	12%	1,154	13%	404.8
Suburban	1,780	35%	1,490	36%	3,270	36%	149.9
Greater Minnesota	839	17%	748	18%	1,587	17%	64.7
Total	5,081	100%	4,097	100%	9,178	100%	173.0
Age^{IV}							
<13 yrs	40	1%	2	<1%	42	0%	4.6
13-19 yrs	53	1%	11	<1%	64	1%	12.6
20-24 yrs	131	3%	34	1%	165	2%	46.4
25-29 yrs	422	8%	103	3%	525	6%	140.9
30-34 yrs	586	12%	229	6%	815	9%	237.7
35-39 yrs	638	13%	330	8%	968	11%	295.0
40-44 yrs	523	10%	452	11%	975	11%	276.3
45-49 yrs	568	11%	502	12%	1,070	12%	263.4
50-54 yrs	678	13%	666	16%	1,344	15%	334.6
55-59 yrs	625	12%	804	20%	1,429	16%	408.8
60+ yrs	823	16%	966	24%	1,789	19%	185.8
Total	5,087	100%	4,099	100%	9,186	100%	173.2
Sex Assigned at Birth							
Assigned Male at Birth	3,761	74%	3,099	76%	6,860	75%	260.6
Assigned Female at Birth	1,333	26%	1,000	24%	2,333	25%	87.3
Total	5,094	100%	4,099	100%	9,193	100%	173.3
State Totals	5,094		4,099		9,193		173.3

^I Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2015.

^{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 108 state prisoners, 167 refugees in the HIV-Positive Refugee Resettlement Program, and 166 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, 2019

Group	Assigned Male at Birth				Assigned Female at Birth				Total				
	HIV (non- AIDS)	AIDS	Total		HIV (non- AIDS)	AIDS	Total		HIV (non- AIDS)	AIDS	Grand Total		
			Cases	%			Cases	%			Cases	%	Rate ^{III}
Race/Ethnicity^{IV}													
White, non-Hispanic	2,052	1,554	3,606	53%	287	212	499	21%	2,339	1,766	4,105	45%	93.2
Black ^{II} , non African-born, non-Hispanic	720	618	1,338	20%	306	252	558	24%	1,026	870	1,896	21%	1153.9
Black ^{II} , African-born, non-Hispanic	304	313	617	9%	545	363	908	39%	849	676	1,525	17%	1454.8
Hispanic, any race	414	405	819	12%	77	74	151	6%	491	479	970	11%	387.6
American Indian, non-Hispanic	26	33	59	1%	30	23	53	2%	56	56	112	1%	202.1
Asian/PI, non-Hispanic	87	61	148	2%	33	22	55	2%	120	83	203	2%	94.5
Other ^{II} , non-Hispanic	154	113	267	4%	52	53	105	5%	206	166	372	4%	X
Total	3,757	3,097	6,854	100%	1,330	999	2,329	100%	5,087	4,096	9,183	100%	173.1
Mode of Exposure													
MSM	2,566	1,881	4,447	65%	--	--	--	--	2,566	1,881	4,447	48%	X
IDU	111	133	244	4%	86	94	180	8%	197	227	424	5%	X
MSM/IDU	259	236	495	7%	--	--	--	--	259	236	495	5%	X
Heterosexual	140	169	309	5%	476	367	843	36%	616	536	1152	13%	X
Perinatal	30	19	49	1%	47	11	58	2%	77	30	107	1%	X
Other	7	19	26	0%	3	2	5	0%	10	21	31	0%	X
Unknown Risk	648	642	1,290	19%	721	526	1,247	53%	1,369	1,168	2,537	28%	X
Total	3,761	3,099	6,860	100%	1,333	1,000	2,333	100%	5,094	4,099	9,193	100%	173.3

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

^{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 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, non African-born persons (164,313) was calculated by subtracting the U.S. Census estimate for African-born persons (104,828) from the total Black population (269,141). Note that this assumes that all African-born persons are Black (as opposed to another race).

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^{iv} Race/ethnicity are missing for 7 persons living with HIV(non-AIDS) and 3 persons living with an AIDS diagnosis

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. Unknown risk = Unreported or unknown risk.

Numbers exclude federal and private prisoners, but include 108 state prisoners, 167 refugees in the HIV-Positive Refugee Resettlement Program, and 166 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 Residence¹ -- Minnesota, 2019

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Aitkin	5	2	7	43.2
Anoka	234	209	443	133.9
Becker	8	4	12	36.9
Beltrami	16	13	29	65.3
Benton	17	11	28	72.8
Big Stone	0	0	0	-
Blue Earth	32	17	49	76.5
Brown	4	6	10	38.6
Carlton	6	11	17	48.0
Carver	27	37	64	70.3
Cass	4	7	11	38.5
Chippewa	2	3	5	40.2
Chisago	14	8	22	40.8
Clay	29	19	48	81.4
Clearwater	4	2	6	69.0
Cook	1	3	4	-
Cottonwood	3	5	8	68.5
Crow Wing	17	7	24	38.4
Dakota	283	229	512	128.5
Dodge	3	2	5	24.9
Douglas	12	1	13	36.1
Faribault	4	5	9	61.8
Fillmore	5	2	7	33.5
Freeborn	4	11	15	48.0
Goodhue	9	11	20	43.3

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Grant	4	3	7	116.3
Hennepin	2704	2100	4,804	416.9
Houston	5	5	10	52.6
Hubbard	3	4	7	34.3
Isanti	10	12	22	58.2
Itasca	5	8	13	28.9
Jackson	4	6	10	97.4
Kanabec	4	5	9	55.4
Kandiyohi	12	12	24	56.8
Kittson	0	3	3	-
Koochiching	0	0	0	-
Lac Qui Parle	1	4	5	68.9
Lake	4	1	5	46.0
Lake of the Woods	1	0	1	-
Le Sueur	6	8	14	50.5
Lincoln	4	0	4	-
Lyon	9	4	13	50.3
McLeod	16	14	30	81.9
Mahnomen	1	0	1	-
Marshall	2	0	2	-
Martin	7	8	15	72.0
Meeker	8	5	13	55.8
Mille Lacs	5	13	18	69.0
Morrison	4	9	13	39.2
Mower	33	33	66	168.5

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County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Murray	1	1	2	-
Nicollet	8	9	17	51.9
Nobles	13	17	30	140.3
Norman	1	1	2	-
Olmsted	94	75	169	117.2
Otter Tail	14	6	20	34.9
Pennington	5	4	9	64.6
Pine	12	7	19	63.9
Pipestone	4	3	7	72.9
Polk	10	12	22	69.6
Pope	1	6	7	63.7
Ramsey	798	631	1,429	280.9
Red Lake	0	2	2	-
Redwood	3	0	3	-
Renville	7	6	13	82.6
Rice	36	24	60	93.5
Rock	1	4	5	51.6
Roseau	0	0	0	-
St. Louis	83	88	171	85.4
Scott	58	59	117	90.0
Sherburne	46	29	75	84.7
Sibley	5	2	7	46.0
Stearns	59	61	120	79.7
Steele	5	9	14	38.3
Stevens	0	3	3	-
Swift	0	4	4	-
Todd	2	2	4	-
Traverse	1	1	2	-
Wabasha	5	5	10	46.1

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Wadena	3	5	8	57.8
Waseca	5	6	11	57.5
Washington	138	84	222	93.2
Watsonwan	2	2	4	-
Wilkin	1	1	2	-
Winona	20	11	31	60.2
Wright	44	33	77	61.7
Yellow Medicine	1	2	3	-
State Total ^{II}	5,081	4,097	9,178	186.6

^I Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of December 31, 2019.

^{II} Residence information missing for 13 persons living with HIV and 2 persons living with AIDS. Total rate is based on all cases in the state (n=9,178)

Numbers by county exclude federal, and private prisoners, but include 167 refugees in the HIV-Positive Refugee Resettlement Program and 166 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 107. 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.

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Table 4. Number of New HIV Cases, People Living with HIV (PLWH), All Deaths¹ and Deaths Due to Underlying HIV disease, Minnesota 2010-2019

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total HIV Diagnoses	329	292	314	303	311	303	303	281	288	275
PLWH	6,814	7,136	7,516	7,723	7,988	8,215	8,554	8,789	8,981	9,193
All Deaths	72	80	80	77	95	92	69	85	81	76
Death Due to Underlying HIV Disease	42	30	26	39	40	31	35	36	26	21

¹All 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. 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. Case numbers exclude federal and private prisoners.

Minnesota Department of Health
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www.health.state.mn.us/hiv
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