

HIV/AIDS Prevalence and Mortality Report 2021 Tables

Table 1. Number^I and Rate^{II} (per 100,000 people) of People Living with HIV (non-AIDS) and AIDS by Residence, Age, and Sex Assigned at Birth Minnesota, 2021

Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS
	Cases	%	Cases	%	Cases	%	Prevalence Rate
Residence^{III}							
Minneapolis	1,904	35%	1,339	32%	3,243	34%	847.7
St. Paul	677	12%	511	12%	1,188	12%	416.7
Suburban	1,904	35%	1,572	37%	3,476	36%	159.3
Greater Minnesota	976	18%	796	19%	1,772	18%	72.2
Total	5,461	100%	4,218	100%	9,679	100%	182.5
Age^{IV}							
<13 yrs	27	0%	0	<1%	27	0%	2.9
13-19 yrs	63	1%	7	<1%	70	1%	13.7
20-24 yrs	164	3%	31	1%	195	2%	54.8
25-29 yrs	357	7%	84	2%	441	5%	118.3
30-34 yrs	653	12%	207	5%	860	9%	250.8
35-39 yrs	671	12%	357	8%	1,028	11%	313.2
40-44 yrs	619	11%	448	11%	1,067	11%	302.3
45-49 yrs	539	10%	483	11%	1,022	11%	251.6
50-54 yrs	705	13%	610	14%	1,315	14%	327.4
55-59 yrs	653	12%	799	19%	1,452	15%	415.3
60+ yrs	1017	19%	1195	28%	2,212	23%	229.7
Total	5,468	100%	4,221	100%	9,689	100%	182.7
Sex Assigned at Birth^V							
Assigned Male at Birth	4,073	74%	3,183	75%	7,256	75%	275.7
Assigned Female at Birth	1,402	26%	1,038	25%	2,440	25%	91.3
Total	5,475	100%	4,221	100%	9,696	100%	182.8
State Totals	5,475		4,221		9,697		182.8

^I Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2021.

^{II} HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g. people 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 15 people living with HIV and 3 people living with AIDS.

^{IV} Age missing for 8 people living with HIV and 0 people living with AIDS.

^V Sex assigned at birth missing for 1 person living with HIV.

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 7-county metropolitan area. Numbers exclude people who are incarcerated in federal and private prisons, but include 104 people incarcerated by the state, 163 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, 2021

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}													
American Indian, non-Hispanic	32	29	61	1%	34	23	57	2%	66	52	118	1%	212.2
Asian/PI, non-Hispanic	92	65	157	2%	38	26	64	3%	130	91	221	2%	101.8
Black ^I , African-born, non-Hispanic	329	337	666	9%	586	384	970	40%	915	721	1,636	17%	1301.7
Black ^I , non African-born, non-Hispanic	818	630	1,448	20%	301	263	564	23%	1,119	893	2,012	21%	1386.8
Hispanic, any race	487	454	941	13%	82	73	155	6%	569	527	1,096	11%	437.9
Other ^I , non-Hispanic	197	137	334	5%	60	52	112	5%	257	189	446	5%	X
White, non-Hispanic	2,117	1,531	3,648	50%	300	217	517	21%	2,417	1,748	4,165	43%	94.4
Total	4,072	3,183	7,255	100%	1,401	1,038	2,439	100%	5,473	4,221	9,694	100%	182.8
Mode of Exposure													
MSM	2,720	1,912	4,632	64%	--	--	--	--	2,720	1,912	4,632	48%	X
IDU	127	133	260	4%	100	94	194	8%	227	227	454	5%	X
MSM/IDU	295	234	529	7%	--	--	--	--	295	234	529	5%	X
Heterosexual	153	172	325	4%	486	379	865	35%	639	551	1190	12%	X
Perinatal	30	19	49	1%	51	12	63	3%	81	31	112	1%	X
Other	6	19	25	0%	3	2	5	0%	9	21	30	0%	X
Unknown Risk	742	694	1,436	20%	762	551	1,313	54%	1,504	1,245	2,749	28%	X
Total	4,073	3,183	7,256	100%	1,402	1,038	2,440	100%	5,475	4,221	9,696	100%	182.8

^I Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of December 31, 2021.

^{II} African-born Black people are reported separately from other Black people (born in the U.S. or elsewhere). "Other" includes multi-racial people and people with unknown race.

^{III} Rates calculated using U.S. Census 2010 data. The population estimate for African-born people calculated by the Minnesota State Demographic Center. The population estimate for Black, non African-born people (145,078) was calculated by subtracting the U.S. Census estimate for African-born people (125,939) from the total Black population (271,017). Note that this assumes that all African-born people are Black (as opposed to another race).

^{IV} Race/ethnicity are missing for 2 people living with HIV(non-AIDS) and 0 people 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 injection drug user, or a hemophiliac/blood product or organ transplant recipient. For females: heterosexual contact with a male known to be HIV+, bisexual, an injection 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 people who are incarcerated at federal and private prisons, but include 104 people incarcerated by the state, 163 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 People Living with HIV (non-AIDS) and AIDS by County of Residence¹ -- Minnesota, 2021

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Aitkin	5	1	6	37.0
Anoka	269	210	479	144.8
Becker	8	3	11	33.8
Beltrami	23	14	37	83.3
Benton	19	15	34	88.4
Big Stone	0	0	0	-
Blue Earth	35	19	54	84.4
Brown	5	6	11	42.5
Carlton	8	11	19	53.7
Carver	22	37	59	64.8
Cass	7	5	12	42.0
Chippewa	2	2	4	-
Chisago	15	10	25	46.4
Clay	40	25	65	110.2
Clearwater	2	2	4	-
Cook	1	3	4	-
Cottonwood	4	6	10	85.6
Crow Wing	24	14	38	60.8
Dakota	304	243	547	137.2
Dodge	5	3	8	39.8
Douglas	10	5	15	41.7
Faribault	3	6	9	61.8
Fillmore	3	3	6	28.8
Freeborn	4	12	16	51.2
Goodhue	14	15	29	62.8
Grant	4	3	7	116.3
Hennepin	2826	2126	4,952	429.7
Houston	5	6	11	57.8

Hubbard	5	5	10	49.0
Isanti	11	13	24	63.5
Itasca	7	11	18	39.9
Jackson	2	5	7	68.2
Kanabec	6	4	10	61.6
Kandiyohi	12	10	22	52.1
Kittson	0	3	3	-
Koochiching	0	0	0	-
Lac Qui Parle	1	2	3	-
Lake	5	1	6	55.2
Lake of the Woods	1	0	1	-
Le Sueur	7	4	11	39.7
Lincoln	5	0	5	84.8
Lyon	11	4	15	58.0
McLeod	21	11	32	87.3
Mahnomen	1	0	1	-
Marshall	2	0	2	-
Martin	7	9	16	76.8
Meeker	7	6	13	55.8
Mille Lacs	5	14	19	72.8
Morrison	4	9	13	39.2
Mower	38	37	75	191.5
Murray	2	2	4	-
Nicollet	11	8	19	58.1
Nobles	14	17	31	145.0
Norman	2	1	3	-
Olmsted	111	83	194	134.5
Otter Tail	15	7	22	38.4
Pennington	4	4	8	57.4
Pine	13	9	22	73.9

Pipestone	6	3	9	93.8
Polk	11	11	22	69.6
Pope	0	5	5	45.5
Ramsey	848	637	1,485	292.0
Red Lake	0	2	2	-
Redwood	9	2	11	68.5
Renville	4	4	8	50.9
Rice	38	21	59	92.0
Rock	3	4	7	72.3
Roseau	0	1	1	-
St. Louis	104	88	192	95.9
Scott	70	67	137	105.4
Sherburne	45	34	79	89.3
Sibley	5	1	6	39.4
Stearns	74	63	137	90.9
Steele	11	12	23	62.9
Stevens	2	1	3	-
Swift	2	4	6	61.3
Todd	2	3	5	20.1
Traverse	1	1	2	-
Wabasha	7	5	12	55.4
Wadena	2	5	7	50.6
Waseca	6	6	12	62.7
Washington	146	102	248	104.1
Watonwan	3	3	6	53.5
Wilkin	1	1	2	-
Winona	20	13	33	64.1

Wright	43	32	75	60.1
Yellow Medicine	1	3	4	-
State Total^{II}	5,461	4,218	9,679	182.5

^l Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of December 31, 2021.

^{ll} Residence information missing for 15 people living with HIV and 3 people living with AIDS.

Numbers by county exclude people who are federally and privately incarcerated, but include 163 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 include those incarcerated people. The total number of people incarcerated by the state is 20. State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Itasca, Rice, Scott, Sherburne, and Washington.

^{lll} HIV/AIDS prevalence rate calculated by dividing the total number of prevalent cases in a stratum (e.g people 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), and All Deaths¹, Minnesota 2012-2021

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total HIV Diagnoses	314	303	311	303	303	281	288	275	226	298
PLWH	7,516	7,723	7,988	8,215	8,554	8,789	8,981	9,193	9,422	9,696
All Deaths	80	77	95	92	69	85	85	79	93	99
Death Due to Underlying HIV Disease	26	39	40	31	35	36	28	22	23	27

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 after their arrival in the U.S. Case numbers exclude people who are federally and privately incarcerated.

Minnesota Department of Health

651-201-5414

www.health.state.mn.us/hiv

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