

HIV/AIDS Prevalence and Mortality Report 2022 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, 2022

Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS
	Cases	%	Cases	%	Cases	%	Prevalence Rate
Residence^{III}							
Minneapolis	1,896	34%	1,303	31%	3,199	33%	836.2
St. Paul	687	12%	508	12%	1,195	12%	419.2
Suburban	1,976	35%	1,581	38%	3,557	36%	163.0
Greater Minnesota	1,042	19%	797	19%	1,839	19%	74.9
Total	5,601	100%	4,189	100%	9,790	100%	184.6
Age^{IV}							
<13 yrs	22	0%	0	<1%	22	0%	2.4
13-19 yrs	73	1%	5	<1%	78	1%	15.3
20-24 yrs	183	3%	38	1%	221	2%	62.1
25-29 yrs	333	6%	87	2%	420	4%	112.7
30-34 yrs	658	12%	192	5%	850	9%	247.9
35-39 yrs	693	12%	322	8%	1,015	10%	309.3
40-44 yrs	675	12%	447	11%	1,122	11%	317.9
45-49 yrs	543	10%	471	11%	1,014	10%	249.6
50-54 yrs	693	12%	602	14%	1,295	13%	322.4
55-59 yrs	646	12%	761	18%	1,407	14%	402.5
60+ yrs	1088	19%	1265	30%	2,353	24%	244.4
Total	5,607	100%	4,190	100%	9,797	100%	184.7
Sex Assigned at Birth^V							
Assigned Male at Birth	4,189	75%	3,140	75%	7,329	75%	278.4
Assigned Female at Birth	1,426	25%	1,050	25%	2,476	25%	92.7
Total	5,615	100%	4,190	100%	9,805	100%	184.9
State Totals	5,615		4,190		9,805		184.9

^I Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2022.

^{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 14 people living with HIV and 4 people living with AIDS.

^{IV} Age missing for 8 people living with HIV and 0 people 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 7-county metropolitan area. Numbers exclude federal and private prisoners, but include 104 state prisoners, 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, 2022

Group	Assigned Male at Birth				Assigned Female at Birth				Total				
	HIV	AIDS	Total		HIV	AIDS	Total		HIV	AIDS	Grand Total		
	(non-AIDS)		Cases	%	(non-AIDS)		Cases	%	(non-AIDS)		Cases	%	Rate ^{III}
Race/Ethnicity^{IV}													
American Indian, non-Hispanic	35	29	64	1%	38	23	61	2%	73	52	125	1%	224.8
Asian/PI, non-Hispanic	100	69	169	2%	37	27	64	3%	137	96	233	2%	107.3
Black ^{II} , African-born, non-Hispanic	347	340	687	9%	599	391	990	40%	946	731	1,677	17%	2162.3
Black ^{II} , non African-born, non-Hispanic	845	612	1,457	20%	305	264	569	23%	1,150	876	2,026	21%	1029.2
Hispanic, any race	525	454	979	13%	82	73	155	6%	607	527	1,134	12%	453.1
Other ^{II} , non-Hispanic	203	141	344	5%	62	57	119	5%	265	198	463	5%	X
White, non-Hispanic	2,133	1,495	3,628	50%	301	215	516	21%	2,434	1,710	4,144	42%	94.0
Total	4,188	3,140	7,328	100%	1,424	1,050	2,474	100%	5,612	4,190	9,802	100%	184.8
Mode of Exposure													
MSM	2,788	1,887	4,675	64%	--	--	--	--	2,788	1,887	4,675	48%	X
IDU	133	134	267	4%	106	89	195	8%	239	223	462	5%	X
MSM/IDU	291	219	510	7%	--	--	--	--	291	219	510	5%	X
Heterosexual	153	174	327	4%	491	385	876	36%	644	559	1203	12%	X
Perinatal	32	17	49	1%	50	15	65	3%	82	32	114	1%	X
Other	4	14	18	0%	3	2	5	0%	7	16	23	0%	X
Unknown Risk	769	688	1,457	20%	747	551	1,298	53%	1,516	1,239	2,755	28%	X
Total	4,170	3,133	7,303	100%	1,397	1,042	2,439	100%	5,567	4,175	9,742	100%	183.7

^I Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of December 31, 2022.

^{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, 2022

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Aitkin	4	2	6	37.0
Anoka	255	211	466	140.9
Becker	12	2	14	43.1
Beltrami	19	13	32	72.0
Benton	14	18	32	83.2
Big Stone	0	0	0	-
Blue Earth	36	21	57	89.0
Brown	5	6	11	42.5
Carlton	11	12	23	65.0
Carver	24	36	60	65.9
Cass	10	6	16	56.0
Chippewa	2	2	4	-
Chisago	20	10	30	55.7
Clay	47	27	74	125.4
Clearwater	2	2	4	-
Cook	1	4	5	96.6
Cottonwood	3	7	10	85.6
Crow Wing	24	12	36	57.6
Dakota	319	243	562	141.0
Dodge	6	3	9	44.8
Douglas	9	3	12	33.3
Faribault	3	7	10	68.7
Fillmore	4	3	7	33.5
Freeborn	4	12	16	51.2
Goodhue	13	13	26	56.3
Grant	4	2	6	99.7
Hennepin	2,859	2,083	4,942	428.8
Houston	5	5	10	52.6

Hubbard	5	3	8	39.2
Isanti	11	11	22	58.2
Itasca	5	12	17	37.7
Jackson	2	4	6	58.4
Kanabec	6	4	10	61.6
Kandiyohi	16	11	27	63.9
Kittson	0	2	2	-
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	9	7	16	57.8
Lincoln	6	0	6	101.8
Lyon	13	6	19	73.5
McLeod	21	10	31	84.6
Mahnomen	1	0	1	-
Marshall	1	0	1	-
Martin	7	8	15	72.0
Meeker	8	6	14	60.1
Mille Lacs	7	12	19	72.8
Morrison	5	8	13	39.2
Mower	38	36	74	189.0
Murray	2	2	4	-
Nicollet	12	9	21	64.2
Nobles	15	18	33	154.4
Norman	5	1	6	87.6
Olmsted	117	84	201	139.3
Otter Tail	19	7	26	45.4
Pennington	2	4	6	43.1
Pine	13	9	22	73.9

Pipestone	6	4	10	104.2
Polk	15	10	25	79.1
Pope	0	5	5	45.5
Ramsey	865	639	1,504	295.7
Red Lake	0	2	2	-
Redwood	8	2	10	62.3
Renville	3	4	7	44.5
Rice	43	23	66	102.9
Rock	2	3	5	51.6
Roseau	0	1	1	-
St. Louis	110	83	193	96.4
Scott	81	77	158	121.6
Sherburne	50	40	90	101.7
Sibley	2	1	3	-
Stearns	77	55	132	87.6
Steele	9	9	18	49.2
Stevens	3	1	4	-
Swift	2	4	6	61.3
Todd	3	3	6	24.1
Traverse	2	1	3	-
Wabasha	8	6	14	64.6
Wadena	5	6	11	79.5
Waseca	7	5	12	62.7
Washington	156	103	259	108.8
Watonwan	4	2	6	53.5
Wilkin	1	1	2	-
Winona	21	10	31	60.2

Wright	49	42	91	73.0
Yellow Medicine	1	2	3	-
State Total^{II}	5,601	4,186	9,787	184.5

^l Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of December 31, 2022.

^{ll} Residence information missing for 14 people living with HIV and 1 person 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 2012-2022

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total HIV Diagnoses	314	303	310	303	303	283	287	278	229	298	262
PLWH	7,516	7,723	7,988	8,215	8,554	8,789	8,981	9,193	9,422	9,696	9,790
All Deaths	80	76	95	92	69	86	84	79	95	99	121
Death Due to Underlying HIV Disease	26	38	40	31	35	37	28	22	23	27	28

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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