

HIV/AIDS Prevalence and Mortality Report 2023 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, 2023

Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS
	Cases	%	Cases	%	Cases	%	Prevalence Rate
Residence^{III}							
Minneapolis	1,911	33%	1,337	32%	3,248	33%	764.1
St. Paul	681	12%	456	11%	1,137	11%	375.0
Suburban	2,071	36%	1,623	38%	3,694	37%	152.6
Greater Minnesota	1,091	19%	812	19%	1,903	19%	88.3
Total	5,754	100%	4,228	100%	9,982	100%	174.6
Age^{IV}							
<13 yrs	21	0%	0	<1%	21	0%	2.3
13-19 yrs	77	1%	6	<1%	83	1%	15.7
20-24 yrs	199	3%	36	1%	235	2%	63.3
25-29 yrs	355	6%	92	2%	447	4%	123.6
30-34 yrs	631	11%	202	5%	833	8%	219.8
35-39 yrs	710	12%	324	8%	1,034	10%	262.8
40-44 yrs	704	12%	424	10%	1,128	11%	298.0
45-49 yrs	573	10%	475	11%	1,048	10%	327.7
50-54 yrs	640	11%	591	14%	1,231	12%	362.3
55-59 yrs	658	11%	706	17%	1,364	14%	379.6
60+ yrs	1,190	21%	1,373	32%	2,563	26%	186.2
Total	5,758	100%	4,229	100%	9,987	100%	174.7
Sex Assigned at Birth^V							
Assigned Male at Birth	4,308	75%	3,150	74%	7,458	75%	259.8
Assigned Female at Birth	1,459	25%	1,079	26%	2,538	25%	89.2
Total	5,767	100%	4,229	100%	9,996	100%	174.8
State Totals	5,767		4,229		9,996		174.8

^I Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2023.

^{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 13 persons living with HIV and 2 persons living with AIDS.

^{IV} Age missing for 9 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 7-county metropolitan area.

Numbers exclude federal and private prisoners, but include 90 state prisoners, 161 refugees in the HIV-Positive Refugee Resettlement Program, and 154 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, 2023

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	35	30	65	1%	35	20	55	2%	70	50	120	1%	200.3
Asian/PI, non-Hispanic	109	67	176	2%	39	28	67	3%	148	95	243	2%	77.8
Black ^{II} , African-born, non-Hispanic	362	345	707	9%	608	399	1,007	40%	970	744	1,714	17%	1180.3
Black ^{II} , non African-born, non-Hispanic	837	621	1,458	20%	311	269	580	23%	1,148	890	2,038	20%	733.4
Hispanic, any race	615	469	1,084	15%	90	80	170	7%	705	549	1,254	13%	367.3
Other ^{II} , non-Hispanic	218	149	367	5%	70	66	136	5%	288	215	503	5%	181.9
White, non-Hispanic	2,129	1,469	3,598	48%	306	217	523	21%	2,435	1,686	4,121	41%	92.9
Total	4,305	3,150	7,455	100%	1,459	1,079	2,538	100%	5,764	4,229	9,993	100%	174.8
Mode of Exposure													
MSM	2,776	1,856	4,632	62%	--	--	--	--	2,776	1,856	4,632	46%	X
TWSM	73	38	111	1%	--	--	--	--	73	38	111	1%	X
IDU	133	138	271	4%	100	96	196	8%	233	234	467	5%	X
MSM/IDU	290	198	488	7%	--	--	--	--	290	198	488	5%	X
TWSM/IDU	7	8	15	0%	--	--	--	--	7	8	15	0%	X
Heterosexual	151	172	323	4%	496	389	885	35%	647	561	1208	12%	X
Perinatal	36	19	55	1%	52	17	69	3%	88	36	124	1%	X
Other	5	19	24	0%	3	2	5	0%	8	21	29	0%	X
Unknown Risk	838	702	1,540	21%	807	574	1,381	54%	1,645	1,276	2,921	29%	X
Total	4,309	3,150	7,459	100%	1,458	1,078	2,536	100%	5,767	4,228	9,995	100%	188.4

^I Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of Dec. 31, 2023.

^{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 CDC Wonder -- 2022 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 (145,078) was calculated by subtracting the U.S. Census estimate for African-born persons (125,939) from the total Black population (271,017). Note that this

assumes that all African-born persons are Black (as opposed to another race).

^{iv} Race/ethnicity are missing for 2 persons living with HIV(non-AIDS) and 1 persons living with an AIDS diagnosis

MSM = Men who have sex with men. TWSM=Trans Women 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 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 3. Number and Rate (per 100,000) of People Living with HIV (non-AIDS) and AIDS by County of Residence¹ – Minnesota, 2023

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Aitkin	3	2	5	31.0
Anoka	285	216	501	135.8
Becker	12	2	14	39.6
Beltrami	19	13	32	68.4
Benton	19	20	39	94.1
Big Stone	0	0	0	-
Blue Earth	36	23	59	84.7
Brown	5	9	14	54.4
Carlton	13	13	26	70.8
Carver	24	34	58	52.7
Cass	10	5	15	48.0
Chippewa	6	2	8	65.1
Chisago	17	12	29	50.0
Clay	56	32	88	133.5
Clearwater	3	2	5	57.8
Cook	1	4	5	87.6
Cottonwood	4	6	10	88.1
Crow Wing	23	10	33	48.6
Dakota	343	251	594	134.0
Dodge	5	2	7	33.4
Douglas	8	3	11	27.7
Faribault	5	6	11	79.0
Fillmore	5	4	9	42.0
Freeborn	5	12	17	55.3
Goodhue	9	14	23	47.9
Grant	4	1	5	81.5
Hennepin	2899	2124	5,023	398.6
Houston	5	1	6	31.9

Hubbard	7	4	11	50.1
Isanti	15	10	25	58.5
Itasca	7	12	19	42.0
Jackson	2	3	5	50.5
Kanabec	2	3	5	30.4
Kandiyohi	19	15	34	77.6
Kittson	0	2	2	-
Koochiching	1	0	1	-
Lac Qui Parle	1	2	3	-
Lake	7	1	8	73.1
Lake of the Woods	1	0	1	-
Le Sueur	11	7	18	61.7
Lincoln	3	1	4	-
Lyon	8	8	16	63.3
Mahnomen	1	1	2	-
Marshall	1	0	1	-
Martin	7	9	16	81.4
McLeod	16	12	28	76.3
Meeker	8	7	15	63.8
Mille Lacs	8	10	18	66.0
Morrison	5	9	14	40.9
Mower	40	38	78	194.3
Murray	2	1	3	-
Nicollet	13	9	22	63.9
Nobles	18	16	34	154.9
Norman	5	1	6	94.1
Olmsted	120	78	198	120.7
Otter Tail	22	10	32	52.9
Pennington	4	4	8	57.8
Pine	16	9	25	84.9

Pipestone	4	2	6	64.1
Polk	19	11	30	97.6
Pope	0	5	5	43.7
Ramsey	879	601	1,480	275.9
Red Lake	1	2	3	-
Redwood	6	2	8	52.1
Renville	5	4	9	62.0
Rice	40	27	67	99.0
Rock	4	3	7	73.4
Roseau	2	2	4	-
St. Louis	104	79	183	91.7
Scott	72	77	149	96.4
Sherburne	61	41	102	101.2
Sibley	1	1	2	-
Stearns	70	59	129	80.4
Steele	10	11	21	56.2
Stevens	3	0	3	-
Swift	3	3	6	61.5
Todd	2	4	6	23.5
Traverse	2	1	3	-
Wabasha	9	6	15	69.3
Wadena	4	7	11	76.9
Waseca	8	4	12	63.5
Washington	161	113	274	99.3
Watonwan	3	2	5	45.1
Wilkin	2	1	3	-
Winona	23	10	33	66.7

Wright	60	44	104	70.3
Yellow Medicine	1	1	2	-
State Total^{II}	5,753	4,228	9,981	174.6

^I Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of Dec. 31, 2023.

^{II} Residence information missing for 14 people living with HIV and 1 person living with AIDS.

Numbers by county exclude federal, and private prisoners, but include 161 refugees in the HIV-Positive Refugee Resettlement Program and 154 additional refugees/immigrants with HIV infection prior to resettling in Minnesota. Numbers for counties in which a state correctional facility is located include those inmates. The total number of state prisoners is 20. 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), and All Deaths¹, Minnesota 2013-2023

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total HIV Diagnoses	303	310	303	303	283	287	278	229	298	262	324
PLWH	7,723	7,988	8,215	8,554	8,789	8,981	9,193	9,422	9,696	9,790	9,996
All Deaths	76	95	92	69	86	84	79	95	99	124	123
Death Due to Underlying HIV Disease	38	40	31	35	37	28	22	23	27	30	31

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

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www.health.state.mn.us/hiv

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