

HIV/AIDS Prevalence and Mortality Report 2020 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, 2020

Group	HIV (non-AIDS)		AIDS		Total		HIV/AIDS
	Cases	%	Cases	%	Cases	%	Prevalence Rate
Residence^{III}							
Minneapolis	1,834	35%	1,353	32%	3,187	34%	833.0
St. Paul	655	13%	508	12%	1,163	12%	408.0
Suburban	1,840	35%	1,534	37%	3,374	36%	154.6
Greater Minnesota	858	17%	778	19%	1,636	17%	66.7
Total	5,187	100%	4,173	100%	9,360	100%	176.5
Age^{IV}							
<13 yrs	36	1%	2	<1%	38	0%	4.1
13-19 yrs	52	1%	10	<1%	62	1%	12.2
20-24 yrs	145	3%	26	1%	171	2%	48.1
25-29 yrs	385	7%	103	2%	488	5%	130.9
30-34 yrs	611	12%	211	5%	822	9%	239.7
35-39 yrs	653	12%	344	8%	997	11%	303.8
40-44 yrs	560	11%	467	11%	1,027	11%	291.0
45-49 yrs	553	11%	488	12%	1,041	11%	256.3
50-54 yrs	705	13%	635	15%	1,340	14%	333.6
55-59 yrs	633	12%	808	19%	1,441	15%	412.2
60+ yrs	907	17%	1081	26%	1,988	21%	206.5
Total	5,240	100%	4,175	100%	9,415	100%	177.5
Sex Assigned at Birth							
Assigned Male at Birth	1,341	26%	3,153	76%	4,494	48%	170.7
Assigned Female at Birth	3,906	74%	1,022	24%	4,928	52%	184.4
Total	5,247	100%	4,175	100%	9,422	100%	177.6
State Totals	5,247		4175		9,422		177.6

^I Cases reported to the MDH, assumed to be alive, and currently residing in Minnesota as of December 31, 2020.

^{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 12 people living with HIV and 2 people living with AIDS.

^{IV} Age missing for 7 people living with HIV and 2 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 seven-county metropolitan area.

Numbers exclude federal and private people who are incarcerated, but include 20 people incarcerated by the state, 163 refugees in the HIV-Positive Refugee Resettlement Program, and 167 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, 2020

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	30	31	61	1%	31	22	53	2%	61	53	114	1%	205.0	
Asian/PI, non-Hispanic	92	62	154	2%	34	23	57	2%	126	85	211	2%	97.2	
Black ^{II} , African-born, non-Hispanic	314	320	634	9%	559	370	929	39%	873	690	1,563	17%	1241.1	
Black ^{II} , non African-born, non-Hispanic	775	633	1,408	20%	297	264	561	24%	1,072	897	1,969	21%	1357.2	
Hispanic, any race	452	426	878	12%	81	72	153	6%	533	498	1,031	11%	412.0	
Other ^{II} , non-Hispanic	172	124	296	4%	55	52	107	5%	227	176	403	4%	X	
White, non-Hispanic	2,068	1,557	3,625	51%	284	218	502	21%	2,352	1,775	4,127	44%	93.6	
Total	3,903	3,153	7,056	100%	1,341	1,021	2,362	100%	5,244	4,174	9,418	100%	177.6	
Mode of Exposure														
MSM	2,626	1,906	4,532	64%	--	--	--	--	2,626	1,906	4,532	48%	X	
IDU	119	134	253	4%	88	94	182	8%	207	228	435	5%	X	
MSM/IDU	282	237	519	7%	--	--	--	--	282	237	519	6%	X	
Heterosexual	148	170	318	5%	474	370	844	36%	622	540	1162	12%	X	
Perinatal	30	19	49	1%	49	12	61	3%	79	31	110	1%	X	
Other	7	19	26	0%	3	2	5	0%	10	21	31	0%	X	
Unknown Risk	694	668	1,362	19%	727	544	1,271	54%	1,421	1,212	2,633	28%	X	
Total	3,906	3,153	7,059	100%	1,341	1,022	2,363	100%	5,247	4,175	9,422	100%	177.6	

^I Cases reported to the MDH, assumed to be alive and currently residing in Minnesota as of December 31, 2020.

^{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 3 people living with HIV(non-AIDS) and 1 person 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 20 state prisoners, 163 refugees in the HIV-Positive Refugee Resettlement Program, and 167 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, 2020

County ^{II}	HIV (non-AIDS)	AIDS	Total	Rate ^{III}
Aitkin	4	1	5	30.9
Anoka	244	198	442	133.6
Becker	7	3	10	30.8
Beltrami	18	13	31	69.8
Benton	17	13	30	78.0
Big Stone	0	0	0	-
Blue Earth	32	20	52	81.2
Brown	4	6	10	38.6
Carlton	6	11	17	48.0
Carver	24	35	59	64.8
Cass	6	6	12	42.0
Chippewa	1	3	4	-
Chisago	17	10	27	50.1
Clay	32	23	55	93.2
Clearwater	4	2	6	69.0
Cook	1	3	4	-
Cottonwood	2	6	8	68.5
Crow Wing	16	11	27	43.2
Dakota	304	243	547	137.2
Dodge	2	3	5	24.9
Douglas	11	3	14	38.9
Faribault	3	7	10	68.7
Fillmore	5	2	7	33.5
Freeborn	4	10	14	44.8
Goodhue	12	17	29	62.8
Grant	3	4	7	116.3
Hennepin	2717	2134	4,851	420.9

Houston	6	6	12	63.1
Hubbard	3	4	7	34.3
Isanti	7	9	16	42.3
Itasca	5	9	14	31.1
Jackson	3	5	8	77.9
Kanabec	6	5	11	67.7
Kandiyohi	13	12	25	59.2
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	8	7	15	54.1
Lincoln	4	0	4	-
Lyon	10	3	13	50.3
McLeod	17	13	30	81.9
Mahnomen	1	0	1	-
Marshall	2	0	2	-
Martin	7	8	15	72.0
Meeker	6	5	11	47.2
Mille Lacs	8	13	21	80.5
Morrison	4	8	12	36.1
Mower	35	36	71	181.3
Murray	1	1	2	-
Nicollet	10	8	18	55.0
Nobles	15	16	31	145.0
Norman	1	1	2	-
Olmsted	100	77	177	122.7
Otter Tail	13	6	19	33.2
Pennington	4	4	8	57.4

Pine	11	12	23	77.3
Pipestone	4	3	7	72.9
Polk	9	10	19	60.1
Pope	0	7	7	63.7
Ramsey	823	633	1,456	286.3
Red Lake	0	2	2	-
Redwood	8	1	9	56.0
Renville	9	6	15	95.4
Rice	36	25	61	95.1
Rock	1	4	5	51.6
Roseau	0	0	0	-
St. Louis	98	84	182	90.9
Scott	62	63	125	96.2
Sherburne	46	28	74	83.6
Sibley	6	1	7	46.0
Stearns	74	67	141	93.6
Steele	11	10	21	57.4
Stevens	1	2	3	-
Swift	1	4	5	51.1
Todd	3	3	6	24.1
Traverse	1	1	2	-
Wabasha	7	6	13	60.0
Wadena	2	6	8	57.8
Waseca	5	5	10	52.3
Washington	155	90	245	102.9
Watonwan	4	2	6	53.5
Wilkin	1	1	2	-

Winona	18	10	28	54.4
Wright	47	33	80	64.2
Yellow Medicine	1	3	4	-
State Total^{II}	5,235	4,173	9,408	177.4

^l Cases reported to the MDH, assumed to be alive and currently residing in a Minnesota county as of December 31, 2020.

^{ll} Residence information missing for 12 people living with HIV and 2 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 167 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 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), All Deaths¹ and Deaths Due to Underlying HIV disease, Minnesota 2011-2020

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total HIV Diagnoses	292	314	303	311	303	303	281	288	275	226
PLWH	7,136	7,516	7,723	7,988	8,215	8,554	8,789	8,981	9,193	9,422
All Deaths	80	80	77	95	92	69	85	81	76	93
Death Due to Underlying HIV Disease	30	26	39	40	31	35	36	26	21	23

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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