

HIV Incidence Report 2024 Tables

Table 1. Number of New Cases and Rates (per 100,000 people) of HIV Diagnoses, HIV (non-AIDS), & AIDS (New Diagnosis AIDS, Progressed to AIDS)^I Minnesota, 1982-2024

Year	HIV Diagnosis ^{III}		HIV (non-AIDS) ^{III}		New AIDS Diagnosis		Progressed to AIDS		Total AIDS ^{IV}	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
1982-1999	5,957	--	4,960	--	997	--	3526	--	4523	--
2000	277	5.6	216	4.4	61	1.2	173	3.5	234	4.8
2001	278	5.6	228	4.6	50	1.0	145	2.9	195	3.9
2002	302	6.0	246	4.9	56	1.1	173	3.4	229	4.6
2003	277	5.5	222	4.4	55	1.1	195	3.9	250	4.9
2004	308	6.1	241	4.7	67	1.3	248	4.9	315	6.2
2005	304	5.9	245	4.8	59	1.2	215	4.2	274	5.4
2006	311	6.0	265	5.1	46	0.9	195	3.8	241	4.7
2007	331	6.4	264	5.1	67	1.3	191	3.7	258	5.0
2008	319	6.1	245	4.7	74	1.4	205	3.9	279	5.3
2009	365	6.9	278	5.3	87	1.6	187	3.5	274	5.2
2010	328	6.2	247	4.7	81	1.5	178	3.4	259	4.9
2011	287	5.4	218	4.1	69	1.3	184	3.5	253	4.8
2012	313	5.9	237	4.5	76	1.4	198	3.7	274	5.2
2013	301	5.7	216	4.1	85	1.6	179	3.4	264	5.0
2014	300	5.7	225	4.2	75	1.4	169	3.2	244	4.6
2015	291	5.5	225	4.2	66	1.2	147	2.8	213	4.0
2016	295	5.6	234	4.4	61	1.2	135	2.5	196	3.7
2017	282	5.3	216	3.9	66	1.2	147	2.6	213	3.8
2018	281	5.3	223	4.0	58	1.0	132	2.4	190	3.4
2019	270	4.8	214	3.8	56	1.0	124	2.2	180	3.2
2020	222	3.9	179	3.1	43	0.8	108	1.9	151	2.6
2021	285	5.0	225	3.9	60	1.1	120	2.1	180	3.2
2022	261	4.6	220	3.8	41	0.7	113	2.0	154	2.7
2023	324	5.7	258	4.5	66	1.2	158	2.8	224	3.9
2024	311	5.4	243	4.3	68	1.2	151	2.6	219	3.8
Cumulative Total^{II}	13,380	234.0	10,790	188.7	2,590	45.3	7,696	134.6	10,286	179.9

^I HIV Diagnosis = New cases of HIV diagnosis (both HIV (non-AIDS) and AIDS at first diagnosis) diagnosed within a given calendar year. HIV (non-AIDS) = New cases of HIV diagnosis (excluding AIDS at first diagnosis)

^{II} The cumulative rate is calculated by dividing the cumulative number of cases by the estimated current state population and multiplying by 100,000. Rates for individual calendar years were calculated using 2010 U.S. Census population data (2010-2013), 2000 U.S. Census population data for 2000, and US Census intercensal population estimates released in September 2011 were used for years 2001-2009.

^{III} Numbers and rates exclude federal and private prisoners and refugees in the HIV-Positive Refugee Resettlement Program, as well as refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota

^{IV} Numbers and rates include refugees in the HIV-Positive Refugee Resettlement Program, as well as other refugee/immigrants diagnosed with AIDS subsequent to their arrival in the U.S.

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Please note: The sum of HIV (non-AIDS) cases and AIDS cases will be greater than the number of cases of HIV Infection in a given year. The difference occurs because, unlike the HIV Infection category, the AIDS category includes both cases that are AIDS at first diagnosis as well as those cases that progress from HIV (non-AIDS) to AIDS during the year (see above definitions).

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Table 2. Number of Cases and Rates (per 100,000 people) of HIV Diagnosis by Residence, Age, and Sex Assigned at Birth^I Minnesota, 2024

Group	Assigned Male at Birth		Assigned Female at Birth		Total		HIV
	Cases	%	Cases	%	Cases	%	Infection Rate
Residence^{II}							
Minneapolis	67	27%	13	20%	80	26%	18.8
St. Paul	31	13%	9	14%	40	13%	13.2
Suburban	99	40%	25	39%	124	40%	5.1
Greater Minnesota	50	20%	17	27%	67	22%	3.1
Total	247	100%	64	100%	311	100%	5.4
Age							
<13 yrs.	1	0%	0	0%	1	1	0%
13-19 yrs.	10	4%	2	3%	11	12	4%
20-24 yrs.	38	15%	7	11%	54	45	14%
25-29 yrs.	47	19%	11	17%	65	58	19%
30-34 yrs.	50	20%	12	19%	60	62	20%
35-39 yrs.	41	17%	8	13%	40	49	16%
40-44 yrs.	20	8%	6	9%	33	26	8%
45-49 yrs.	12	5%	6	9%	25	18	6%
50-54 yrs.	11	4%	3	5%	18	14	5%
55-59 yrs.	11	4%	3	5%	4	14	5%
60+ yrs.	6	2%	6	9%	13	12	4%
Total	247	100%	64	100%	324	311	100%

^IHIV Diagnosis includes all new cases of HIV diagnosis (both HIV (non-AIDS) and AIDS at first diagnosis) among Minnesota residents in 2023.

^{II}Residence at time of HIV diagnosis (both HIV (non-AIDS) and AIDS at first diagnosis).

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 and rates exclude federal and private prisoners and refugees in the HIV-Positive Refugee Resettlement Program, as well as refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota. State prisoners are included.

Rates calculated using CDC Wonder 2022 data. Percentages may not add to 100 due to rounding.

**Table 3. Number of Cases and Rates (per 100,000 people) of HIV Diagnosis by Race/Ethnicity & Mode of Exposure^I
Minnesota by Sex Assigned at Birth, 2024**

Group	Assigned Male at Birth			Assigned Female at Birth			Total		
	Cases	%	Rate ^{IV}	Cases	%	Rate ^{IV}	Cases	%	Rate ^{III}
Race/Ethnicity									
American Indian, non-Hispanic	7	3%	23.5	4	6%	13.3	11	4%	18.4
Asian/PI, non-Hispanic	10	4%	6.5	0	0%	0.0	10	3%	3.2
Black ^{II} , African-American, non-Hispanic	59	24%	40.8	17	27%	12.8	76	24%	26.3
Black ^{II} , African-born ^{III} , non-Hispanic	30	12%	41.5	20	31%	27.4	50	16%	37.2
Hispanic, any race	64	26%	36.0	7	11%	4.3	71	23%	20.8
White, non-Hispanic	69	28%	3.1	11	17%	0.5	80	26%	1.8
Other ^{II} , non-Hispanic	8	3%	16.4	5	8%	14.9	13	4%	4.7
Total	247	100%	8.6	64	100%	2.2	311	100%	5.4
Mode of Exposure									
MSM	140	57%	X	--	--	X	140	45%	X
IDU	11	4%	X	4	6%	X	15	5%	X
MSM/IDU	23	9%	X	--	--	X	23	7%	X
Heterosexual	12	5%	X	21	33%	X	33	11%	X
Presumed Heterosexual	50	20%	--	36	56%	--	86	--	--
Perinatal	1	0%	X	0	0%	X	1	0%	X
Other	0	0%	X	0	0%	X	0	0%	X
Unspecified	10	4%	X	3	5%	X	13	4%	X
Total	247	100%	8.6	64	100%	2.2	311	72%	5.4

^I HIV Diagnosis includes all new cases of HIV diagnosis (both HIV (non-AIDS) and AIDS at first diagnosis) among Minnesota residents in 2023.

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

^{III} Rates calculated using 2022 CDC Wonder 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 (288,832) was calculated by subtracting the U.S. Census estimate for African-born persons (134,282) from the total Black population (423,114). Note that this assumes that all African-born persons are Black (as opposed to another race).

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Numbers exclude federal and private prisoners and refugees in the HIV-Positive Refugee Resettlement Program, as well as, refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota.

^v Hetero, unknown risk - Females who were interviewed and whose only risk is heterosexual contact but who were not able to provide information on the sexual partner's risk.

MSM = Men who have sex with men. IDU = Injection 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 injecting drug user, or a hemophiliac/blood product or organ transplant recipient. Perinatal = Mother to child HIV transmission; birth may have occurred in a previous year. Unspecified = Cases who did not acknowledge any of the risks listed above. No Interview, Unspecified = Cases who refused to be, could not be, or have not yet been interviewed.

Percentages may not add to 100 due to rounding.

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Table 4. Number of Cases and Rates (per 100,000 people) of HIV Diagnosis by County of Residence¹ -- Minnesota, 2024

County ¹	HIV Diagnosis	
	Cases	Rate ^{III}
Aitkin	0	-
Anoka	15	4.1
Becker	2	-
Beltrami	0	-
Benton	0	-
Big Stone	1	-
Blue Earth	3	-
Brown	1	-
Carlton	1	-
Carver	1	-
Cass	0	-
Chippewa	0	-
Chisago	0	-
Clay	2	-
Clearwater	1	-
Cook	0	-
Cottonwood	0	-
Crow Wing	0	-
Dakota	25	5.6
Dodge	0	-
Douglas	1	-
Faribault	0	-
Fillmore	0	-

County ¹	HIV Diagnosis	
	Cases	Rate ^{III}
Freeborn	1	-
Goodhue	9	18.7
Grant	0	-
Hennepin	134	10.6
Houston	0	-
Hubbard	0	-
Isanti	2	-
Itasca	0	-
Jackson	0	-
Kanabec	0	-
Kandiyohi	3	-
Kittson	0	-
Koochiching	0	-
Lac Qui Parle	0	-
Lake	0	-
Lake of the Woods	0	-
Le Sueur	0	-
Lincoln	0	-
Lyon	1	-
Mahnomen	1	-
Marshall	0	-
Martin	0	-

County ¹	HIV Diagnosis	
	Cases	Rate ^{III}
McLeod	0	-
Meeker	0	-
Mille Lacs	0	-
Morrison	0	-
Mower	3	-
Murray	1	-
Nicollet	0	-
Nobles	0	-
Norman	0	-
Olmsted	7	4.3
Otter Tail	2	-
Pennington	1	-
Pine	2	-
Pipestone	0	-
Polk	1	-
Pope	0	-
Ramsey	51	9.5
Red Lake	0	-
Redwood	1	-
Renville	0	-
Rice	0	-
Rock	0	-
Roseau	0	-

County ¹	HIV Diagnosis	
	Cases	Rate ^{III}
St. Louis	5	2.5
Scott	7	4.5
Sherburne	2	-
Sibley	0	-
Stearns	3	-
Steele	3	-
Stevens	0	-
Swift	0	-
Todd	3	-
Traverse	0	-
Wabasha	0	-
Wadena	0	-
Waseca	0	-
Washington	11	4.0
Watonwan	2	-
Wilkin	0	-
Winona	0	-
Wright	2	-
Yellow Medicine	0	-
State Total	311	5.4

¹HIV Diagnosis includes all new cases of HIV diagnosis (both HIV (non-AIDS) and AIDS at first diagnosis) among Minnesota residents in 2024.

^{II}Residence at time of HIV diagnosis (both HIV (non-AIDS) and AIDS at first diagnosis).

^{III}Rates calculated using 2022 CDC Wonder data. Rates not calculated for counties with fewer than five cases.

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Numbers and rates exclude federal and private prisoners and refugees in the HIV-Positive Refugee Resettlement Program, as well as refugee/immigrants with an HIV diagnosis prior to arrival in Minnesota. (State correctional facilities are located in the following counties: Anoka, Carlton, Chisago, Goodhue, Itasca, Rice, Scott, Sherburne, and Washington).

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Table 5a. Perinatal HIV Exposure¹: Number of Births to Pregnant Women Living with HIV by Year of Child's Birth and Mother's Race/Ethnicity, Minnesota 1982-2024

Year(s)	Race/Ethnicity of Pregnant Women							Total
	White	Black, African-American ^{III}	Black, African-born ^{III}	Hispanic	American Indian	Asian/PI	Multi-racial	
1982-1999	84	61	9	9	13	3	10	189
2000	12	9	7	2	1	1	1	33
2001	1	18	11	2	2	0	2	36
2002	9	6	13	3	2	0	3	36
2003	5	12	18	7	0	1	4	47
2004	7	13	22	3	2	1	1	49
2005	7	8	20	3	0	2	1	41
2006	7	14	21	6	1	1	2	52
2007	16	12	24	2	2	1	2	59
2008	3	12	26	6	0	1	5	53
2009	15	13	33	4	1	1	4	71
2010	7	13	22	2	2	1	4	51
2011	10	10	31	9	4	1	4	69
2012	14	10	26	3	2	0	4	59
2013	8	12	33	5	4	1	1	64
2014	5	8	42	4	1	0	6	66
2015	3	10	30	3	0	0	5	51
2016	7	9	34	5	0	1	8	64
2017	5	7	35	4	1	2	3	57
2018	10	8	30	9	0	2	6	65
2019	7	4	37	4	2	1	4	59
2020	5	8	26	2	0	0	2	43
2021	6	5	39	5	1	1	3	60
2022	6	3	25	1	0	1	1	37
2023	5	9	32	3	5	3	0	57
2024	2	9	20	4	1	0	3	39
Cumulative Total	266	303	666	110	47	26	89	1,507

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

NOTE: A birth to an HIV-infected woman was only included in the table if her residence at the time of child's birth was reported as Minnesota.

^I Exposure of child to HIV during pregnancy, at birth, and/or during breastfeeding.

^{II} Pregnant women living with HIV may or may not have progressed to an AIDS diagnosis.

^{III} African-born Black people are reported separately from other Black people (born in the U.S. or elsewhere).

^{IV} Mothers' places of birth include (prevalence): Africa (689), Asia/Pacific Islands (31), Central America/Caribbean (26), Europe (7), Mexico (25), Middle East (2) and South America (11).

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

Table 5b. Perinatal HIV Transmission^I: Number of Perinatally-Acquired HIV/AIDS Cases by Year of Child's Birth and Mother's Race/Ethnicity, Minnesota 1982-2024

Year(s)	Race/Ethnicity of Mother							Total
	White	Black, African-American ^{II}	Black, African-born ^{II}	Hispanic	American Indian	Asian/PI	Multi-racial	
1982-1999	18	4	3	3	2	1	2	33
2000	0	1	0	0	0	0	0	1
2001	0	0	0	0	0	0	0	0
2002	0	0	0	1	0	0	0	1
2003	0	0	1	0	0	0	0	1
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	1	0	0	0	0	1
2007	0	0	1	0	0	0	0	1
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	2	0	0	0	0	2
2011	0	0	0	0	0	0	0	0
2012	1	0	0	0	0	0	0	1
2013	0	0	0	0	0	0	0	0
2014	0	1	0	0	0	0	0	1
2015	0	1	1	0	0	0	0	2
2016	0	0	0	0	0	0	0	0
2017	1	0	0	0	0	0	0	1
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
Cumulative Total	20	7	9	4	2	1	2	45
Rate of Transmission 2020 - 2024	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cumulative Rate of Transmission^{IV}	7.5%	2.3%	1.4%	3.6%	4.3%	--	2.2%	3.0%

NOTE: Cases of perinatally-acquired HIV/AIDS were only included in the table if the child's residence at the time of birth was reported as Minnesota.

^ITransmission of HIV from mother to child during pregnancy, at birth, and/or during breastfeeding.

HIV INCIDENCE REPORT DATA TABLES, MINNESOTA 2024

ⁱⁱ African-born Black people are reported separately from other Black people (born in the U.S. or elsewhere).

ⁱⁱⁱ Mothers' places of birth include: Africa (9), Asia/Pacific Islands (2), Central America/Caribbean (1), Europe (2), Mexico (1).

^{iv} The cumulative rate of HIV transmission is calculated by dividing the total number of perinatally-acquired HIV infections by the total number of births in a category and multiplying by 100. Rates calculated only for categories where the cumulative number of births is 30 or greater.

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4/16/2025

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