

STI Surveillance Report Data Tables, Minnesota 2023

Overview

Table 1. Number of Cases and Rates (per 100,000 persons) of Chlamydia, Gonorrhea, Syphilis, and Chancroid – Minnesota, 2019 – 2023

Disease	2019 Cases	2019 Rate	2020 Cases	2020 Rate	2021 Cases	2021 Rate	2022 Cases	2022 Rate	2023 Cases	2023 Population	2023 Rate
Chlamydia	24,535	463	21,942	414	22,578	426	22,079	416	21,767	5,717,184	381
Gonorrhea	8,063	152	10,217	193	9,671	182	8,161	154	7,717	5,717,184	135
All Stages of Syphilis	1,127	21.2	1,093	20.6	1,457	27.5	1,831	34.5	1762	5,717,184	30.8
Primary/Secondary Syphilis	385	7.3	416	7.8	564	10.6	676	12.7	502	5,717,184	8.8
Early NP/NS	367	6.9	367	6.9	415	7.8	535	10.1	387	5,717,184	6.8
Late Unknown Duration ^{II}	354	6.7	303	5.7	463	8.7	601	11.3	830	5,717,184	14.5
Congenital Syphilis	21	31.6	7	10.8	14	22.0	20	31.7	29	63,041	46.0
Chancroid	0	0.0	0	0.0	0	0.0	0	0.0	0	5,717,184	0.0

Note: Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census Intercensal and U.S. 2022 data is used to calculate rates.

^IIncludes unstaged neurosyphilis, latent syphilis of unknown duration, and late syphilis with clinical manifestations.

^{II}Congenital syphilis rate per 100,000 live births

Chlamydia

Note: Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census 2022 data is used to calculate rates.

Table 2.A. Number of Cases and Rates (per 100,000 persons) of Chlamydia by Residence and Gender – Minnesota, 2023

Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	2,300	28%	2,686	20%	4,993	23%	1,175
St. Paul	998	12%	1,648	12%	2,649	12%	874
Suburban ^{II}	2,703	33%	4,681	34%	7,393	34%	305
Greater Minnesota	2,060	25%	4,576	34%	6,636	30%	258
Unknown ^{III}	41	1%	55	0%	96	0%	x
Total^{IV}	8,102	100%	13,655	100%	21,767	100%	381

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^IResidence missing for 96 cases of chlamydia.

^{II}Suburban is defined as the seven-county metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington Counties, excluding the cities of Minneapolis and St. Paul).

^{III}No comparable population data available to calculate rates.

^{IV}Total includes 19 cases of chlamydia diagnosed as transgender/unknown gender persons.

Table 2.B. Number of Cases and Rates of Chlamydia by Age and Gender – Minnesota, 2023

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	20	0%	138	1%	158	1%	22
15-19 yrs	1,363	17%	4,045	30%	5,409	25%	1,445
20-24 yrs	2,375	29%	5,053	37%	7,436	34%	2,004
25-29 yrs	1,518	19%	2,110	15%	3,633	17%	1,004
30-34 yrs	1,169	14%	1,108	8%	2,278	10%	601
35-39 yrs	665	8%	630	5%	1,299	6%	330
40-44 yrs	390	5%	318	2%	708	3%	187
45-49 yrs	248	3%	120	1%	368	2%	115
50-54 yrs	147	2%	76	1%	223	1%	66
55+ yrs	207	3%	48	0%	255	1%	15
Total^I	8,102	100%	13,655	100%	21,767	100%	381

^ITotal includes 19 cases of chlamydia diagnosed as transgender/other/unknown gender persons.

Table 2.C. Number of Cases and Rates of Chlamydia by Race/Ethnicity and Gender – Minnesota, 2023

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	2,645	33%	5,257	38%	7,912	36%	178
Black, Non-Hispanic	2,763	34%	3,517	26%	6,285	29%	1,485
American Indian	170	2%	546	4%	716	3%	1,195
Asian/PI	287	4%	537	4%	827	4%	265
Other ^{I,II}	185	2%	363	3%	548	3%	x
Unknown ^{II}	1,136	14%	1,469	11%	2,605	12%	x
Hispanic ^{III}	916	11%	1,957	14%	2,874	13%	842
Total^{IV}	8,102	100%	13,655	100%	21,767	100%	381

^IIncludes persons reported with more than one race.

^{II}No comparable population data available to calculate rates.

^{III}Persons of Hispanic origin may be of any race.

^{IV}Total includes 19 cases of chlamydia diagnosed as transgender/unknown gender persons.

Gonorrhea

Note: Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census 2022 data is used to calculate rates.

Table 3.A. Number of Cases and Rates (per 100,000 persons) of Gonorrhea by Residence and Gender – Minnesota, 2023

Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	1,796	39%	916	29%	2,718	35%	639
St. Paul	747	16%	581	19%	1,334	17%	440
Suburban ^{II}	1,406	31%	982	31%	2,392	31%	99
Greater Minnesota	621	14%	631	20%	1,254	16%	49
Unknown ^{III}	10	0%	9	0%	19	0%	x
Total^{IV, V}	4,580	100%	3,119	100%	7,717	100%	135

^IResidence missing for 19 cases of gonorrhea.

^{II}Suburban is defined as the seven-county metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington Counties, excluding the cities of Minneapolis and St. Paul).

^{III}No comparable population data available to calculate rates.

^{IV}Total includes 18 cases of gonorrhea diagnosed as transgender/unknown gender persons.

^VGender is missing for 0 cases of gonorrhea.

Table 3.B. Number of Cases and Rates of Gonorrhea by Age and Gender – Minnesota, 2023

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	6	0%	38	1%	44	1%	6
15-19 yrs	460	10%	723	23%	1,183	15%	316
20-24 yrs	909	20%	875	28%	1,789	23%	482
25-29 yrs	873	19%	508	16%	1,387	18%	383
30-34 yrs	873	19%	397	13%	1,274	17%	336
35-39 yrs	532	12%	268	9%	802	10%	204
40-44 yrs	365	8%	165	5%	530	7%	140
45-49 yrs	202	4%	80	3%	283	4%	88
50-54 yrs	147	3%	46	1%	193	3%	57
55+ yrs	213	5%	19	1%	232	3%	13
Total^{I, II}	4,580	100%	3,119	100%	7,717	100%	135

^ITotal includes 18 cases of gonorrhea diagnosed as transgender/unknown gender persons.

^{II}Gender is missing for 0 cases of gonorrhea.

Table 3.C. Number of Cases and Rates of Gonorrhea by Race/Ethnicity and Gender – Minnesota, 2023

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	1,280	28%	963	31%	2,250	29%	51
Black, Non-Hispanic	2,013	44%	1,142	37%	3,158	41%	746
American Indian	81	2%	252	8%	333	4%	556
Asian/PI	116	3%	75	2%	195	3%	62
Other ^{I,II}	136	3%	151	5%	287	4%	x
Unknown ^{II}	531	12%	346	11%	879	11%	x
Hispanic ^{III}	423	9%	190	6%	615	8%	180
Total^{IV,V}	4,580	100%	3,119	100%	7,717	100%	135

^IIncludes persons reported with more than one race.

^{II}No comparable population data available to calculate rates.

^{III}Persons of Hispanic origin may be of any race.

^{IV}Total includes 18 cases of gonorrhea diagnosed as transgender/unknown gender persons.

^VGender is missing for 0 cases of gonorrhea.

Primary/Secondary Syphilis

Note: Data exclude cases diagnosed in federal or private correctional facilities.

U.S. Census 2022 estimate data is used to calculate rates.

Table 3.A. Number of Cases and Rates (per 100,000 persons) of Primary/Secondary Syphilis by Residence and Gender – Minnesota, 2023

Residence	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	142	40%	42	29%	184	37%	43.3
St. Paul	37	10%	26	18%	63	13%	20.8
Suburban ^I	104	29%	32	22%	136	27%	5.6
Greater Minnesota	75	21%	44	31%	44	9%	1.7
Total^{II}	358	100%	144	100%	502	100%	8.8

^ISuburban is defined as the seven-county metropolitan area (Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington Counties, excluding the cities of Minneapolis and St. Paul).

^{II}Total includes 0 transgender/other/unknown person.

Table 3.B. Number of Cases and Rates of Primary/Secondary Syphilis by Age and Gender – Minnesota, 2023

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	0	0%	1	1%	1	0%	0.1
15-19 yrs	12	3%	12	8%	24	5%	6.4
20-24 yrs	36	10%	21	15%	57	11%	15.4
25-29 yrs	47	13%	16	11%	63	13%	17.4
30-34 yrs	58	16%	32	22%	90	18%	23.7
35-39 yrs	56	16%	28	19%	84	17%	21.3
40-44 yrs	44	12%	9	6%	53	11%	14.0
45-49 yrs	21	6%	10	7%	31	6%	9.7
50-54 yrs	17	5%	7	0%	24	5%	7.1
55+ yrs	67	19%	8	6%	75	15%	4.3
Total^I	358	100%	144	100%	502	100%	8.8

^ITotal includes 0 transgender/other/unknown person.

Table 3.C. Number of Cases and Rates of Primary/Secondary Syphilis by Race/Ethnicity and Gender – Minnesota, 2023

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	116	32%	64	44%	180	36%	4.1
Black, Non-Hispanic	150	42%	42	29%	192	38%	45.4
American Indian	17	5%	23	16%	40	8%	66.8
Asian/PI	10	3%	3	2%	13	3%	4.2
Other ^{I,II}	22	6%	7	5%	29	6%	x
Unknown ^{II}	0	0%	0	0%	0	0%	x
Hispanic ^{III}	43	12%	5	3%	48	10%	14.1
Total^{IV}	358	100%	144	100%	502	100%	8.8

^IIncludes persons reported with more than one race.

^{II}No comparable population data available to calculate rates.

^{III}Persons of Hispanic origin may be of any race.

^{IV}Total includes 0 transgender/other/unknown person.

County STI Totals

Note: Data exclude cases diagnosed in federal or private correctional facilities.

County data missing for 98 chlamydia cases and 20 gonorrhea cases.

U.S. Census 2010 data is used to calculate rates.

Table 4. Number of Cases and Rates¹ (per 100,000 persons) of Chlamydia and Gonorrhea by County of Residence – Minnesota, 2023

County	Cases (Chlamydia)	Rate (Chlamydia)	Population	Cases (Gonorrhea)	Rate (Gonorrhea)
Aitkin	20	124	16,126	8	50
Anoka	1,214	329	368,864	371	101
Becker	82	232	35,371	18	51
Beltrami	202	432	46,799	48	103
Benton	119	287	41,463	30	72
Big Stone	9	175	5,144	0	-
Blue Earth	334	480	69,631	48	69
Brown	41	159	25,723	3	-
Carlton	100	272	36,708	13	35
Carver	190	173	110,034	34	31
Cass	74	237	31,274	15	48
Chippewa	35	285	12,284	6	49
Chisago	98	169	57,988	27	47
Clay	244	370	65,929	83	126
Clearwater	10	116	8,649	2	-
Cook	3	-	5,708	1	-
Cottonwood	15	132	11,356	2	-
Crow Wing	126	185	67,948	18	26
Dakota	1,439	325	443,341	412	93
Dodge	40	191	20,981	9	43
Douglas	72	182	39,668	8	20
Faribault	24	172	13,926	3	-
Fillmore	33	154	21,414	1	-
Freeborn	96	313	30,718	17	55
Goodhue	84	175	48,013	19	40
Grant	11	179	6,136	1	-
Hennepin	7,980	633	1,260,121	3,800	302

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County	Cases (Chlamydia)	Rate (Chlamydia)	Population	Cases (Gonorrhea)	Rate (Gonorrhea)
Houston	42	223	18,800	3	-
Hubbard	32	146	21,960	5	23
Isanti	73	171	42,727	21	49
Itasca	82	181	45,205	9	20
Jackson	26	263	9,893	0	-
Kanabec	33	200	16,463	4	-
Kandiyohi	121	276	43,839	13	30
Kittson	7	172	4,059	0	-
Koochiching	24	203	11,844	4	-
Lac qui Parle	6	90	6,689	1	-
Lake	9	82	10,939	2	-
Lake of the Woods	5	129	3,871	1	-
Le Sueur	39	134	29,153	6	21
Lincoln	13	233	5,580	1	-
Lyon	68	269	25,262	7	28
McLeod	83	226	36,714	9	25
Mahnomen	31	582	5,328	2	-
Marshall	18	203	8,861	0	-
Martin	35	178	19,650	4	-
Meeker	34	145	23,496	1	-
Mille Lacs	48	176	27,280	11	40
Morrison	73	213	34,246	12	35
Mower	194	483	40,140	10	25
Murray	12	149	8,060	1	-
Nicollet	91	264	34,441	8	23
Nobles	121	551	21,947	13	59
Norman	13	204	6,377	1	-
Olmsted	515	314	164,020	103	63
Otter Tail	108	178	60,519	13	21
Pennington	31	224	13,845	6	43
Pine	68	231	29,446	24	82
Pipestone	25	267	9,355	7	75
Polk	87	283	30,731	14	46
Pope	12	105	11,431	3	-

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County	Cases (Chlamydia)	Rate (Chlamydia)	Population	Cases (Gonorrhea)	Rate (Gonorrhea)
Ramsey	3,163	590	536,413	1,574	293
Red Lake	6	155	3,874	0	-
Redwood	20	130	15,361	2	-
Renville	27	186	14,525	2	-
Rice	139	205	67,693	32	47
Rock	16	168	9,537	5	52
Roseau	17	111	15,292	2	-
St. Louis	598	300	199,532	178	89
Scott	399	258	154,520	83	54
Sherburne	287	285	100,824	58	58
Sibley	26	174	14,955	5	33
Stearns	654	408	160,405	135	84
Steele	106	283	37,398	21	56
Stevens	23	239	9,637	3	-
Swift	24	246	9,755	3	-
Todd	38	149	25,538	5	20
Traverse	8	244	3,275	0	-
Wabasha	33	152	21,658	3	-
Wadena	33	231	14,307	10	70
Waseca	42	222	18,893	10	53
Washington	631	229	275,912	166	60
Watonwan	35	316	11,075	1	-
Wilkin	12	189	6,350	3	-
Winona	176	356	49,478	24	49
Wright	275	186	148,003	55	37
Yellow Medicine	7	74	9,486	1	-

Rates not calculated for counties with fewer than 5 cases.

Note: County syphilis data is available at [Newly Diagnosed Syphilis Cases by County \(https://www.health.state.mn.us/diseases/stds/stats/county.html\)](https://www.health.state.mn.us/diseases/stds/stats/county.html).

Minnesota Department of Health
651-201-5414
www.health.state.mn.us/std

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To obtain this information in a different format, call: 651-201-5414.