

STI Quarterly Surveillance Report

JAN. 1 – JUNE 30, 2024

Overview

Table 1. Number of Cases and Rates (per 100,000 persons) of Chlamydia, Gonorrhea, Syphilis, and Chancroid – Minnesota, 2020 – Q1 and Q2 2024

Disease	2020 Cases	2020 Rate	2021 Cases	2021 Rate	2022 Cases	2022 Rate	2023 Cases	2023 Rate	Q1 and Q2 2024 Cases	Q1 and Q2 2024 Rate
Chlamydia	21,942	384.3	22,578	395.4	22,079	386.7	21,767	380.7	10,092	176.5
Gonorrhea	10,217	178.9	9,671	169.4	8,161	153.9	7,717	135.0	3,514	61.5
All Stages of Syphilis	1093	19.1	1457	25.5	1831	34.5	1748	30.6	763	13.3
Primary/Secondary Syphilis	416	7.3	564	9.9	676	12.7	502	8.8	219	3.8
Early NP/NS	367	6.4	415	7.3	535	10.1	387	6.8	160	2.8
Late Unknown Duration ^{II}	303	5.3	463	8.1	601	11.3	830	14.5	371	6.5
Congenital Syphilis	7	11.2	15	23.6	20	31.7	29	47.6	13	21.4
Chancroid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

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

U.S. Census Intercensal and U.S. 2020/2022 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 Intercensal and U.S. 2020/2022 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, Q1 and Q2 2024

Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	962	26%	1,248	20%	2,219	22%	522
St. Paul	469	13%	803	13%	1,272	13%	420
Suburban ^{II}	1,241	34%	2,229	35%	3,472	34%	143
Greater Minnesota	1,018	27%	2,083	33%	3,103	31%	121

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Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Unknown ^{III}	12	0%	14	0%	26	0%	x
Total^{IV}	3,702	100%	6,377	100%	10,092	100%	177

^IResidence missing for 26 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 13 cases of chlamydia diagnosed as transgender/unknown gender persons.

Table 2.B. Number of Cases and Rates of Chlamydia by Age and Gender – Minnesota, Q1 and Q2 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	7	0%	75	1%	82	1%	12
15-19 yrs	650	18%	1,830	29%	2,483	25%	663
20-24 yrs	1,071	29%	2,334	37%	3,412	34%	920
25-29 yrs	677	18%	981	15%	1,659	16%	459
30-34 yrs	495	13%	564	9%	1,060	11%	280
35-39 yrs	322	9%	286	4%	608	6%	155
40-44 yrs	183	5%	153	2%	336	3%	89
45-49 yrs	108	3%	81	1%	190	2%	59
50-54 yrs	72	2%	44	1%	116	1%	34
55+ yrs	117	3%	29	0%	146	1%	8
Total^I	3,702	100%	6,377	100%	10,092	100%	177

^IIncludes persons reported with more than one race. Total includes 13 cases of chlamydia diagnosed as transgender/unknown gender persons.

Table 2.C. Number of Cases and Rates of Chlamydia by Race/Ethnicity and Gender – Minnesota, Q1 and Q2 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	1,209	33%	2,375	37%	3,588	36%	81
Black, Non-Hispanic	1,313	35%	1,736	27%	3,051	30%	721
American Indian	75	2%	218	3%	293	3%	489
Asian/PI	117	3%	279	4%	400	4%	128

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Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Other ^{I,II}	57	2%	147	2%	204	2%	x
Unknown ^{II}	458	12%	623	10%	1,108	11%	x
Hispanic ^{IV}	446	12%	999	16%	1,448	14%	424
Total^{IV}	3,702	100%	6,377	100%	10,092	100%	177

^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 13 cases of chlamydia diagnosed as transgender/unknown gender persons.

Gonorrhea

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

U.S. Census Intercensal and U.S. 2020/2022 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, Q1 and Q2 2024

Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	845	41%	425	30%	1,276	36%	300
St. Paul	282	14%	292	20%	574	16%	189
Suburban ^{II}	644	31%	444	31%	1,090	31%	45
Greater Minnesota	291	14%	273	19%	567	16%	22
Unknown ^{III}	1	0%	6	0%	7	0%	x
Total^{IV, V}	2,063	100%	1,440	100%	3,514	100%	61

^IResidence missing for one case 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 11 cases of gonorrhea diagnosed as transgender/unknown gender persons.

^VGender is missing for seven cases of gonorrhea.

Table 3.B. Number of Cases and Rates of Gonorrhea by Age and Gender – Minnesota, Q1 and Q2 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	6	0%	22	2%	28	1%	4
15-19 yrs	162	8%	277	19%	441	13%	118
20-24 yrs	403	20%	411	29%	818	23%	220
25-29 yrs	357	17%	237	16%	594	17%	164
30-34 yrs	370	18%	189	13%	560	16%	148
35-39 yrs	275	13%	128	9%	405	12%	103
40-44 yrs	169	8%	83	6%	252	7%	67
45-49 yrs	110	5%	52	4%	164	5%	51
50-54 yrs	81	4%	20	1%	101	3%	30
55+ yrs	130	6%	21	1%	151	4%	9
Total^{I,II}	2,063	100%	1,440	100%	3,514	100%	61

^ITotal includes 11 cases of gonorrhea diagnosed as transgender/unknown gender persons.

^{II}Gender is missing for one case of gonorrhea.

Table 3.C. Number of Cases and Rates of Gonorrhea by Race/Ethnicity and Gender – Minnesota, Q1 and Q2 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	595	29%	429	30%	1,028	29%	23
Black, Non-Hispanic	899	44%	566	39%	1,465	42%	346
American Indian	41	2%	105	7%	146	4%	244
Asian/PI	67	3%	48	3%	116	3%	37
Other ^{I,II}	41	2%	46	3%	87	2%	x
Unknown ^{II}	206	10%	150	10%	357	10%	x
Hispanic ^{III}	214	10%	96	7%	315	9%	92
Total^{IV,V}	2,063	100%	1,440	100%	3,514	100%	61

^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 11 cases of gonorrhea diagnosed as transgender/unknown gender persons.

^VGender is missing for one case of gonorrhea.

Primary/Secondary Syphilis

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.

Table 4.A. Number of Cases and Rates (per 100,000 persons) of Primary/Secondary Syphilis by Residence and Gender – Minnesota, Q1 and Q2 2024

Residence	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	55	35%	21	33%	76	35%	17.9
St. Paul	19	12%	11	17%	30	14%	9.9
Suburban ¹	47	30%	17	27%	64	29%	2.6
Greater Minnesota	34	22%	15	23%	49	22%	1.9
Total¹¹	155	100%	64	100%	219	100%	3.8

¹Suburban 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).

¹¹Total includes zero transgender/other/unknown person.

Table 4.B. Number of Cases and Rates of Primary/Secondary Syphilis by Age and Gender – Minnesota, Q1 and Q2 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	0	0%	0	%	0	0%	0.0
15-19 yrs	6	4%	6	9%	12	5%	3.2
20-24 yrs	11	7%	8	13%	19	9%	5.1
25-29 yrs	20	13%	10	16%	30	14%	8.3
30-34 yrs	34	22%	10	16%	44	20%	11.6
35-39 yrs	22	14%	14	22%	36	16%	9.1
40-44 yrs	20	13%	7	11%	27	12%	7.1
45-49 yrs	14	9%	5	8%	19	9%	5.9
50-54 yrs	10	6%	3	5%	13	6%	3.8
55+ yrs	18	12%	1	2%	19	9%	1.1
Total¹	155	100%	64	100%	219	100%	3.8

¹Total includes zero transgender/other/unknown person.

Table 4.C. Number of Cases and Rates of Primary/Secondary Syphilis by Race/Ethnicity and Gender – Minnesota, Q1 and Q2 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	58	37%	32	50%	90	41%	2.0
Black, Non-Hispanic	55	35%	16	25%	71	32%	16.8
American Indian	6	4%	7	11%	13	6%	21.7
Asian/PI	7	5%	2	3%	9	4%	2.9
Other ^{I,II}	8	5%	3	5%	11	5%	x
Unknown ^{II}	4	3%	1	2%	5	2%	x
Hispanic ^{III}	17	11%	3	5%	20	9%	5.9
Total^{IV}	155	100%	64	100%	219	100%	3.8

^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 zero transgender/other/unknown person.

County STI Totals

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

County data missing for 26 chlamydia cases and seven gonorrhea cases.

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

Table 5. Number of Cases and Rates¹ (per 100,000 persons) of Chlamydia and Gonorrhea by County of Residence – Minnesota, Q1 and Q2 2024

County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Aitkin	4	-	5	31
Anoka	565	153	154	42
Becker	30	85	8	23
Beltrami	78	167	10	21
Benton	59	142	21	51
Big Stone	2	-	1	-
Blue Earth	163	234	21	30
Brown	21	82	2	-
Carlton	47	128	6	16

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Carver	78	71	22	20
Cass	24	77	2	-
Chippewa	14	114	0	-
Chisago	55	95	8	14
Clay	123	187	37	56
Clearwater	7	81	0	-
Cook	3	-	1	-
Cottonwood	9	79	1	-
Crow Wing	43	63	14	21
Dakota	658	148	184	42
Dodge	23	110	1	-
Douglas	32	81	5	13
Faribault	12	86	1	-
Fillmore	19	89	1	-
Freeborn	48	156	9	29
Goodhue	43	90	11	23
Grant	3	-	1	-
Hennepin	3,638	289	1769	140
Houston	14	74	1	-
Hubbard	12	55	1	-
Isanti	30	70	7	16
Itasca	29	64	2	-
Jackson	7	71	0	-
Kanabec	12	73	4	-
Kandiyohi	59	135	3	-
Kittson	6	148	1	-
Koochiching	9	76	1	-
Lac qui Parle	4	-	0	-
Lake	7	64	1	-
Lake of the Woods	2	-	0	-
Le Sueur	24	82	4	-
Lincoln	9	161	0	-

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Lyon	32	127	3	-
McLeod	35	95	9	25
Mahnomen	17	319	8	150
Marshall	5	56	1	-
Martin	21	107	0	-
Meeker	21	89	5	21
Mille Lacs	37	136	11	40
Morrison	35	102	10	29
Mower	84	209	9	22
Murray	2	-	0	-
Nicollet	46	134	4	-
Nobles	50	228	1	-
Norman	8	125	2	-
Olmsted	265	162	45	27
Otter Tail	43	71	5	8
Pennington	16	116	1	-
Pine	37	126	4	-
Pipestone	13	139	2	-
Polk	52	169	6	20
Pope	7	61	2	-
Ramsey	1,554	290	696	130
Red Lake	4	-	1	-
Redwood	20	130	2	-
Renville	16	110	2	-
Rice	78	115	11	16
Rock	8	84	1	-
Roseau	7	46	0	-
St. Louis	234	117	75	38
Scott	162	105	34	22
Sherburne	128	127	33	33
Sibley	12	80	2	-
Stearns	315	196	73	46

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Steele	75	201	4	-
Stevens	9	93	1	-
Swift	5	51	1	-
Todd	34	133	2	-
Traverse	2	-	0	-
Wabasha	11	51	2	-
Wadena	20	140	4	-
Waseca	13	69	5	26
Washington	297	108	76	28
Watonwan	14	126	0	-
Wilkin	5	79	1	-
Winona	53	107	1	-
Wright	134	91	30	20
Yellow Medicine	5	53	2	-

¹Rates not calculated for counties with fewer than five 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.