

STI Quarterly Surveillance Report

JAN. 1 – MARCH 31, 2024

Overview

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

Disease	2020 Cases	2020 Rate	2021 Cases	2021 Rate	2022 Cases	2022 Rate	2023 Cases	2023 Rate	Q1 2024 Cases	Q1 2024 Rate
Chlamydia	21,942	384.3	22,578	395.4	22,079	386.7	21,767	380.7	5,336	93.3
Gonorrhea	10,217	178.9	9,671	169.4	8,161	153.9	7,717	135.0	1,914	33.5
All Stages of Syphilis	1093	19.1	1457	25.5	1831	34.5	1748	30.6	389	6.8
Primary/Secondary Syphilis	416	7.3	564	9.9	676	12.7	502	8.8	109	1.9
Early NP/NS	367	6.4	415	7.3	535	10.1	387	6.8	86	1.5
Late Unknown Duration ^{II}	303	5.3	463	8.1	601	11.3	830	14.5	186	3.3
Congenital Syphilis	7	11.2	15	23.6	20	31.7	29	47.6	8	13.1
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 2024

Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	528	27%	631	19%	1,163	22%	274
St. Paul	229	12%	432	13%	661	12%	218
Suburban ^{II}	651	33%	1,171	35%	1,823	34%	75
Greater Minnesota	546	28%	1,127	33%	1,674	31%	65

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Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Unknown ^{III}	9	0%	6	0%	15	0%	x
Total^{IV}	1,963	100%	3,367	100%	5,336	100%	93

^IResidence missing for 15 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 six 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 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	5	0%	39	1%	44	1%	6
15-19 yrs	360	18%	969	29%	1,330	25%	355
20-24 yrs	555	28%	1,242	37%	1,800	34%	485
25-29 yrs	370	19%	516	15%	887	17%	245
30-34 yrs	247	13%	307	9%	554	10%	146
35-39 yrs	175	9%	136	4%	311	6%	79
40-44 yrs	98	5%	74	2%	172	3%	45
45-49 yrs	54	3%	42	1%	97	2%	30
50-54 yrs	37	2%	24	1%	61	1%	18
55+ yrs	62	3%	18	1%	80	1%	5
Total^I	1,963	100%	3,367	100%	5,336	100%	93

^IIncludes persons reported with more than one race. Total includes 6 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 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	658	34%	1,247	37%	1,908	36%	43
Black, Non-Hispanic	691	35%	935	28%	1,626	30%	384
American Indian	38	2%	119	4%	157	3%	262
Asian/PI	61	3%	142	4%	204	4%	65

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Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Other ^{I,II}	30	2%	74	2%	104	2%	x
Unknown ^{II}	248	13%	315	9%	563	11%	x
Hispanic ^{IV}	237	12%	535	16%	774	15%	227
Total^{IV}	1,963	100%	3,367	100%	5,336	100%	93

^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 six 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 2024

Residence ^I	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	477	42%	216	28%	697	36%	164
St. Paul	155	14%	161	21%	316	17%	104
Suburban ^{II}	365	32%	234	31%	600	31%	25
Greater Minnesota	142	12%	156	20%	300	16%	12
Unknown ^{III}	1	0%	0	0%	1	0%	x
Total^{IV, V}	1,140	100%	767	100%	1,914	100%	33

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

^VGender is missing for one cases of gonorrhea.

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

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	2	0%	11	1%	13	1%	2
15-19 yrs	87	8%	136	18%	224	12%	60
20-24 yrs	223	20%	228	30%	454	24%	122
25-29 yrs	211	19%	135	18%	346	18%	96
30-34 yrs	220	19%	107	14%	328	17%	87
35-39 yrs	150	13%	58	8%	209	11%	53
40-44 yrs	94	8%	44	6%	138	7%	36
45-49 yrs	55	5%	27	4%	83	4%	26
50-54 yrs	37	3%	9	1%	46	2%	14
55+ yrs	61	5%	12	2%	73	4%	4
Total^{I,II}	1,140	100%	767	100%	1,914	100%	33

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

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

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

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	322	28%	209	27%	533	28%	12
Black, Non-Hispanic	500	44%	323	42%	823	43%	195
American Indian	26	2%	59	8%	85	4%	142
Asian/PI	43	4%	23	3%	66	3%	21
Other ^{I,II}	28	2%	33	4%	61	3%	x
Unknown ^{II}	108	9%	69	9%	178	9%	x
Hispanic ^{III}	113	10%	51	7%	168	9%	49
Total^{IV,V}	1,140	100%	767	100%	1,914	100%	33

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

^VGender is missing for one cases 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 2024

Residence	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	29	38%	10	30%	39	36%	9.2
St. Paul	9	12%	4	12%	13	12%	4.3
Suburban ¹	23	30%	10	30%	33	30%	1.4
Greater Minnesota	15	20%	9	27%	24	22%	0.9
Total¹¹	76	100%	33	100%	109	100%	1.9

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 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	2	3%	4	12%	6	6%	1.6
20-24 yrs	5	7%	4	12%	9	8%	2.4
25-29 yrs	8	11%	6	18%	14	13%	3.9
30-34 yrs	20	26%	5	15%	25	23%	6.6
35-39 yrs	14	18%	6	18%	20	18%	5.1
40-44 yrs	7	9%	2	6%	9	8%	2.4
45-49 yrs	9	12%	4	12%	13	12%	4.1
50-54 yrs	5	7%	2	6%	7	6%	2.1
55+ yrs	6	8%	0	0%	6	6%	0.3
Total¹	76	100%	33	100%	109	100%	1.9

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 2024

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	25	33%	17	52%	42	39%	0.9
Black, Non-Hispanic	30	39%	11	33%	41	38%	9.7
American Indian	5	7%	3	9%	8	7%	13.4
Asian/PI	2	3%	0	0%	2	2%	0.6
Other ^{I,II}	6	8%	2	6%	8	7%	x
Unknown ^{II}	1	1%	0	0%	1	1%	x
Hispanic ^{III}	7	9%	0	0%	7	6%	2.1
Total^{IV}	76	100%	33	100%	109	100%	1.9

^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 19 chlamydia cases and two gonorrhea cases.

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

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

County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Aitkin	4	-	2	-
Anoka	303	82	81	22
Becker	18	51	5	14
Beltrami	44	94	5	11
Benton	35	84	7	17
Big Stone	1	-	1	-
Blue Earth	84	121	8	11
Brown	11	43	2	-
Carlton	26	71	5	14

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Carver	43	39	10	9
Cass	18	58	2	-
Chippewa	10	81	0	-
Chisago	31	53	4	-
Clay	73	111	25	38
Clearwater	3	-	0	-
Cook	2	-	0	-
Cottonwood	4	-	1	-
Crow Wing	20	29	5	7
Dakota	342	77	95	21
Dodge	15	71	1	-
Douglas	14	35	3	-
Faribault	3	-	1	-
Fillmore	11	51	1	-
Freeborn	25	81	2	-
Goodhue	22	46	5	10
Grant	1	-	1	-
Hennepin	1,897	151	986	78
Houston	5	27	1	-
Hubbard	9	41	1	-
Isanti	19	44	3	-
Itasca	17	38	2	-
Jackson	4	-	0	-
Kanabec	7	43	2	-
Kandiyohi	31	71	3	-
Kittson	3	-	0	-
Koochiching	7	59	0	-
Lac qui Parle	3	-	0	-
Lake	4	-	1	-
Lake of the Woods	1	-	0	-
Le Sueur	11	38	4	-
Lincoln	6	108	0	-

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Lyon	13	51	2	-
McLeod	10	27	5	14
Mahnomen	1	-	4	-
Marshall	11	124	1	-
Martin	22	112	0	-
Meeker	10	43	3	-
Mille Lacs	23	84	6	22
Morrison	19	55	5	15
Mower	44	110	3	-
Murray	2	-	0	-
Nicollet	30	87	3	-
Nobles	25	114	0	-
Norman	5	78	1	-
Olmsted	147	90	21	13
Otter Tail	23	38	3	-
Pennington	10	72	1	-
Pine	20	68	3	-
Pipestone	5	53	1	-
Polk	31	101	4	-
Pope	4	-	1	-
Ramsey	816	152	372	69
Red Lake	1	-	0	-
Redwood	13	85	0	-
Renville	5	34	1	-
Rice	33	49	3	-
Rock	5	52	1	-
Roseau	4	-	0	-
St. Louis	137	69	45	23
Scott	78	50	18	12
Sherburne	64	63	19	19
Sibley	7	47	0	-
Stearns	161	100	32	20

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Steele	29	78	0	-
Stevens	8	83	0	-
Swift	3	-	1	-
Todd	14	55	0	-
Traverse	1	-	0	-
Wabasha	7	32	2	-
Wadena	11	77	4	-
Waseca	9	48	4	-
Washington	156	57	48	17
Watonwan	8	72	0	-
Wilkin	3	-	1	-
Winona	26	53	1	-
Wright	76	51	17	11
Yellow Medicine	0	-	1	-

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

7/23/2024

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