

# STD Quarterly Surveillance Report

JAN. 1 – SEPT. 30, 2023

## Overview

**Table 1. Number of Cases and Rates (per 100,000 persons) of Chlamydia, Gonorrhea, Syphilis, and Chancroid – Minnesota, 2019 – Q3 2023**

Disease	2019 Cases	2019 Rate	2020 Cases	2020 Rate	2021 Cases	2021 Rate	2022 Cases	2022 Rate	Q1 to Q3 2023 Cases	Q1 to Q3 2023 Rate
<b>Chlamydia</b>	24,535	463	21,942	414	22,578	426	22,079	416	16,392	309
<b>Gonorrhea</b>	8,063	152	10,217	193	9,671	182	8,161	154	5,663	107
<b>All Stages of Syphilis</b>	1127	21.2	1093	20.6	1457	27.5	1831	34.5	1256	23.7
Primary/Secondary Syphilis	385	7.3	416	7.8	564	10.6	676	12.7	369	7.0
Early NP/NS	367	6.9	367	6.9	415	7.8	535	10.1	287	5.4
Late Unknown Duration <sup>II</sup>	354	6.7	303	5.7	463	8.7	601	11.3	585	11.0
<b>Congenital Syphilis</b>	21	31.6	7	10.8	14	22.0	20	31.7	15	23.8
<b>Chancroid</b>	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. 2010 data is used to calculate rates.

<sup>I</sup>Includes unstaged neurosyphilis, latent syphilis of unknown duration, and late syphilis with clinical manifestations.

<sup>II</sup>Congenital syphilis rate per 100,000 live births

## Chlamydia

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

U.S. Census 2010 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 to Q3 2023**

Residence <sup>I</sup>	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	1,701	28%	2,063	20%	3,771	23%	986
St. Paul	747	12%	1,228	12%	1,978	12%	694
Suburban <sup>II</sup>	2,029	33%	3,519	34%	5,556	34%	255
Greater Minnesota	1,568	26%	3,444	33%	5,015	31%	204

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Residence <sup>I</sup>	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Unknown <sup>III</sup>	26	0%	46	0%	72	0%	<i>x</i>
<b>Total<sup>IV</sup></b>	6,071	100%	10,300	100%	16,392	100%	309

<sup>I</sup>Residence missing for 72 cases of chlamydia.

<sup>II</sup>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).

<sup>III</sup>No comparable population data available to calculate rates.

<sup>IV</sup>Total includes 21 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 to Q3 2023**

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	14	0%	99	1%	113	1%	11
15-19 yrs	1,010	17%	3,078	30%	4,090	25%	1,112
20-24 yrs	1,811	30%	3,780	37%	5,599	34%	1,574
25-29 yrs	1,113	18%	1,597	16%	2,717	17%	729
30-34 yrs	892	15%	831	8%	1,724	11%	503
35-39 yrs	513	8%	484	5%	999	6%	304
40-44 yrs	287	5%	247	2%	535	3%	152
45-49 yrs	170	3%	87	1%	257	2%	63
50-54 yrs	118	2%	61	1%	179	1%	45
55+ yrs	143	2%	36	0%	179	1%	14
<b>Total<sup>I</sup></b>	6,071	100%	10,300	100%	16,392	100%	309

<sup>I</sup>Includes persons reported with more than one race. Total includes 21 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 to Q3 2023**

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	2,001	33%	3,995	39%	6,007	37%	130
Black, Non-Hispanic	2,033	33%	2,605	25%	4,642	28%	1,652
American Indian	127	2%	412	4%	539	3%	801
Asian/PI	218	4%	407	4%	626	4%	284

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Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Other <sup>I,II</sup>	138	2%	279	3%	417	3%	x
Unknown <sup>II</sup>	855	14%	1,156	11%	2,014	12%	x
Hispanic <sup>IV</sup>	699	12%	1,446	14%	2,147	13%	858
<b>Total<sup>IV</sup></b>	6,071	100%	10,300	100%	16,392	100%	309

<sup>I</sup>Includes persons reported with more than one race.

<sup>II</sup>No comparable population data available to calculate rates.

<sup>III</sup>Persons of Hispanic origin may be of any race.

<sup>IV</sup>Total includes 21 cases of chlamydia diagnosed as transgender/unknown gender persons.

## Gonorrhea

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

U.S. Census 2010 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 to Q3 2023**

Residence <sup>I</sup>	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	1,294	39%	686	29%	1,987	35%	519
St. Paul	532	16%	427	18%	963	17%	338
Suburban <sup>II</sup>	1,031	31%	717	31%	1,752	31%	80
Greater Minnesota	443	13%	494	21%	939	17%	38
Unknown <sup>III</sup>	7	0%	5	0%	12	0%	x
<b>Total<sup>IV, V</sup></b>	3,307	100%	2,329	100%	5,653	100%	107

<sup>I</sup>Residence missing for 12 cases of gonorrhea.

<sup>II</sup>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).

<sup>III</sup>No comparable population data available to calculate rates.

<sup>IV</sup>Total includes 21 cases of chlamydia diagnosed as transgender/unknown gender persons.

<sup>V</sup>Gender is missing for 0 cases of gonorrhea.

**Table 3.B. Number of Cases and Rates of Gonorrhea by Age and Gender – Minnesota, Q1 to Q3 2023**

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
< 15 yrs	6	0%	32	1%	38	1%	4
15-19 yrs	350	11%	548	24%	898	16%	244
20-24 yrs	653	20%	658	28%	1,317	23%	370
25-29 yrs	625	19%	377	16%	1,006	18%	270
30-34 yrs	650	20%	296	13%	948	17%	276
35-39 yrs	385	12%	194	8%	583	10%	178
40-44 yrs	260	8%	118	5%	378	7%	107
45-49 yrs	140	4%	62	3%	203	4%	50
50-54 yrs	98	3%	33	1%	131	2%	33
55+ yrs	140	4%	11	0%	151	3%	12
<b>Total<sup>I,II</sup></b>	3,307	100%	2,329	100%	5,653	100%	107

<sup>I</sup>Total includes 21 cases of chlamydia diagnosed as transgender/unknown gender persons.

<sup>II</sup>Gender is missing for 0 cases of gonorrhea.

**Table 3.C. Number of Cases and Rates of Gonorrhea by Race/Ethnicity and Gender – Minnesota, Q1 to Q3 2023**

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	929	28%	722	31%	1,655	29%	36
Black, Non-Hispanic	1,459	44%	838	36%	2,302	41%	819
American Indian	67	2%	192	8%	259	5%	385
Asian/PI	86	3%	50	2%	139	2%	63
Other <sup>I,II</sup>	91	3%	121	5%	212	4%	x
Unknown <sup>II</sup>	386	12%	259	11%	647	11%	x
Hispanic <sup>III</sup>	289	9%	147	6%	439	8%	175
<b>Total<sup>IV,V</sup></b>	3,307	100%	2,329	100%	5,653	100%	107

<sup>I</sup>Includes persons reported with more than one race.

<sup>II</sup>No comparable population data available to calculate rates.

<sup>III</sup>Persons of Hispanic origin may be of any race.

<sup>IV</sup>Total includes 21 cases of chlamydia diagnosed as transgender/unknown gender persons.

<sup>V</sup>Gender is missing for 0 cases of gonorrhea.

## Primary/Secondary Syphilis

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

U.S. Census 2010 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, Q1 to Q3 2023**

Residence	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
Minneapolis	105	38%	29	31%	134	36%	35.0
St. Paul	31	11%	13	14%	45	12%	15.8
Suburban <sup>1</sup>	78	28%	23	24%	101	27%	4.6
Greater Minnesota	60	22%	29	31%	89	24%	3.6
<b>Total<sup>11</sup></b>	274	100%	94	100%	369	100%	7.0

<sup>1</sup>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).

<sup>11</sup>Total includes 1 transgender/other/unknown person.

**Table 3.B. Number of Cases and Rates of Primary/Secondary Syphilis by Age and Gender – Minnesota, Q1 to Q3 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	9	3%	10	11%	19	5%	5.2
20-24 yrs	30	11%	16	17%	46	12%	12.9
25-29 yrs	37	14%	10	11%	47	13%	12.6
30-34 yrs	43	16%	19	20%	62	17%	18.1
35-39 yrs	37	14%	16	17%	54	15%	16.5
40-44 yrs	31	11%	7	7%	38	10%	10.8
45-49 yrs	14	5%	6	6%	20	5%	4.9
50-54 yrs	18	7%	4	0%	22	6%	5.5
55+ yrs	55	20%	5	5%	60	16%	4.6
<b>Total<sup>1</sup></b>	274	100%	94	100%	369	100%	7.0

<sup>1</sup>Total includes 1 transgender/other/unknown person.

**Table 3.C. Number of Cases and Rates of Primary/Secondary Syphilis by Race/Ethnicity and Gender – Minnesota, Q1 to Q3 2023**

Age	Cases (Males)	% (Males)	Cases (Females)	% (Females)	Cases (Total)	% (Total)	Rate (Total)
White, Non-Hispanic	79	29%	38	40%	118	32%	2.6
Black, Non-Hispanic	110	40%	25	27%	135	37%	48.1
American Indian	13	5%	16	17%	29	8%	43.1
Asian/PI	9	3%	1	1%	10	3%	4.5
Other <sup>I,II</sup>	14	5%	5	5%	19	5%	x
Unknown <sup>II</sup>	16	6%	4	4%	20	5%	x
Hispanic <sup>III</sup>	33	12%	5	5%	38	10%	15.2
<b>Total<sup>IV</sup></b>	274	100%	94	100%	369	100%	7.0

<sup>I</sup>Includes persons reported with more than one race.

<sup>II</sup>No comparable population data available to calculate rates.

<sup>III</sup>Persons of Hispanic origin may be of any race.

<sup>IV</sup>Total includes 1 transgender/other/unknown person.

## County STD Totals

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

County data missing for 88 chlamydia cases and 17 gonorrhea cases.

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

**Table 4. Number of Cases and Rates<sup>I</sup> (per 100,000 persons) of Chlamydia and Gonorrhea by County of Residence – Minnesota, Q1 to Q3 2023**

County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Aitkin	14	86	7	43
Anoka	952	288	291	88
Becker	65	200	11	34
Beltrami	164	369	39	88
Benton	88	229	24	62
Big Stone	5	95	0	-
Blue Earth	241	376	38	59
Brown	31	120	2	-
Carlton	74	209	11	31

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Carver	152	167	23	25
Cass	50	175	15	53
Chippewa	27	217	4	-
Chisago	76	141	19	35
Clay	189	320	58	98
Clearwater	7	81	2	-
Cook	1	-	1	-
Cottonwood	12	103	1	-
Crow Wing	95	152	12	19
Dakota	1,095	275	288	72
Dodge	32	159	5	25
Douglas	56	156	6	17
Faribault	17	117	3	-
Fillmore	22	105	1	-
Freeborn	70	224	13	42
Goodhue	57	123	12	26
Grant	7	116	1	-
Hennepin	5,982	519	2784	242
Houston	34	179	2	-
Hubbard	26	127	4	-
Isanti	59	156	14	37
Itasca	61	135	7	16
Jackson	20	195	0	-
Kanabec	22	135	3	-
Kandiyohi	87	206	8	19
Kittson	4	-	0	-
Koochiching	17	128	3	-
Lac qui Parle	5	69	1	-
Lake	6	55	1	-
Lake of the Woods	4	-	0	-
Le Sueur	29	105	5	18
Lincoln	12	204	1	-

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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Lyon	58	224	6	23
McLeod	65	177	7	19
Mahnomen	20	369	1	-
Marshall	15	159	0	-
Martin	30	144	4	-
Meeker	28	120	1	-
Mille Lacs	38	146	11	42
Morrison	57	172	10	30
Mower	151	386	8	20
Murray	12	138	0	-
Nicollet	73	223	6	18
Nobles	92	430	10	47
Norman	8	117	0	-
Olmsted	392	272	77	53
Otter Tail	90	157	9	16
Pennington	22	158	5	36
Pine	52	175	23	77
Pipestone	22	229	5	52
Polk	67	212	10	32
Pope	6	55	2	-
Ramsey	2,345	461	1126	221
Red Lake	5	122	0	-
Redwood	12	75	2	-
Renville	17	108	2	-
Rice	101	157	29	45
Rock	10	103	3	-
Roseau	11	70	2	-
St. Louis	433	216	119	59
Scott	304	234	63	48
Sherburne	219	247	49	55
Sibley	21	138	2	-
Stearns	488	324	108	72



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County	Cases (Chlamydia)	Rate (Chlamydia)	Cases (Gonorrhea)	Rate (Gonorrhea)
Steele	91	249	15	41
Stevens	18	185	1	-
Swift	19	194	1	-
Todd	28	112	1	-
Traverse	5	141	5	20
Wabasha	25	115	0	-
Wadena	24	173	3	-
Waseca	33	172	9	65
Washington	447	188	7	37
Watonwan	25	223	120	50
Wilkin	8	122	0	-
Winona	140	272	3	-
Wright	204	164	18	35
Yellow Medicine	6	57	33	26

<sup>1</sup>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](http://www.health.state.mn.us/std)

2/23/2024

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