

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
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www.health.state.mn.us/std

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