

# **Sexually Transmitted Infections Wisconsin 2020**



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases  
STI Unit  
P-00415 (09/21)

## Wisconsin Sexually Transmitted Disease Surveillance Report, 2020 Southeastern Region

|                       | Chlamydia |         |        | Gonorrhea |         |        | Syphilis |         |        | Total  |         |        |
|-----------------------|-----------|---------|--------|-----------|---------|--------|----------|---------|--------|--------|---------|--------|
|                       | Cases     | Percent | Rates* | Cases     | Percent | Rates* | Cases    | Percent | Rates* | Cases  | Percent | Rates* |
| <b>Total</b>          | 13,945    | 100.0%  | 681    | 6,539     | 100.0%  | 319    | 537      | 100.0%  | 26     | 21,021 | 100.0%  | 1,026  |
| <b>Gender</b>         |           |         |        |           |         |        |          |         |        |        |         |        |
| Male                  | 4,540     | 33.0%   | 452    | 3,502     | 54.0%   | 349    | 404      | 75.0%   | 40     | 8,446  | 40.0%   | 842    |
| Female                | 9,377     | 67.0%   | 897    | 3,017     | 46.0%   | 289    | 133      | 25.0%   | 13     | 12,527 | 60.0%   | 1,199  |
| Transgender Female    | 2         | 0.0%    | -      | 3         | 0.0%    | -      | 0        | 0.0%    | 0      | 5      | 0.0%    | -      |
| Transgender Male      | 1         | 0.0%    | -      | 2         | 0.0%    | -      | 0        | 0.0%    | 0      | 3      | 0.0%    | -      |
| Unknown               | 25        | 0.0%    | -      | 15        | 0.0%    | -      | 0        | 0.0%    | 0      | 40     | 0.0%    | -      |
| <b>Race/Ethnicity</b> |           |         |        |           |         |        |          |         |        |        |         |        |
| White                 | 2,387     | 17.0%   | 168    | 806       | 12.0%   | 57     | 144      | 27.0%   | 10     | 3,337  | 16.0%   | 235    |
| Black                 | 6,616     | 47.0%   | 2,141  | 3,943     | 60.0%   | 1,276  | 254      | 47.0%   | 82     | 10,813 | 51.0%   | 3,499  |
| Native American       | 31        | 0.0%    | 300    | 16        | 0.0%    | 155    | 3        | 1.0%    | **     | 50     | 0.0%    | 484    |
| Asian                 | 129       | 1.0%    | 174    | 40        | 1.0%    | 54     | 9        | 2.0%    | 12^    | 178    | 1.0%    | 240    |
| Hispanic              | 1,627     | 12.0%   | 686    | 525       | 8.0%    | 221    | 74       | 14.0%   | 31     | 2,226  | 11.0%   | 939    |
| Other/Unknown         | 3,155     | 22.0%   | -      | 1,209     | 19.0%   | -      | 53       | 10.0%   | -      | 4,417  | 21.0%   | 0      |
| <b>Age</b>            |           |         |        |           |         |        |          |         |        |        |         |        |
| 0-4                   | 5         | 0.0%    | **     | 5         | 0.0%    | **     | 5        | 1.0%    | **     | 15     | 0.0%    | 12     |
| 5-9                   | 1         | 1.0%    | **     | 1         | 1.0%    | **     | 0        | 0.0%    | 0      | 185    | 1.0%    | 149    |
| 10-14                 | 137       | 27.0%   | 106    | 48        | 19.0%   | 37     | 0        | 4.0%    | 0      | 5,052  | 24.0%   | 3,910  |
| 15-19                 | 3,815     | 36.0%   | 2,771  | 1,213     | 29.0%   | 881    | 24       | 14.0%   | 17     | 6,983  | 33.0%   | 5,072  |
| 20-24                 | 5,019     | 19.0%   | 3,554  | 1,887     | 22.0%   | 1,336  | 77       | 17.0%   | 55     | 4,121  | 20.0%   | 2,918  |
| 25-29                 | 2,608     | 9.0%    | 1,799  | 1,421     | 13.0%   | 980    | 92       | 17.0%   | 63     | 2,166  | 10.0%   | 1,494  |
| 30-34                 | 1,197     | 4.0%    | 882    | 878       | 7.0%    | 647    | 91       | 13.0%   | 67     | 1,144  | 5.0%    | 843    |
| 35-39                 | 626       | 2.0%    | 462    | 450       | 3.0%    | 332    | 68       | 11.0%   | 50     | 512    | 2.0%    | 378    |
| 40-44                 | 239       | 1.0%    | 198    | 216       | 2.0%    | 179    | 57       | 8.0%    | 47     | 328    | 2.0%    | 271    |
| 45-49                 | 124       | 1.0%    | 102    | 159       | 4.0%    | 131    | 45       | 15.0%   | 37     | 512    | 2.0%    | 420    |
| 50+                   | 174       | 0.0%    | 24     | 260       | 0.0%    | 35     | 78       | 0.0%    | 11     | 1      | 0.0%    | **     |

\*Cases per 100,000 population.

\*\*Rates based on case counts five or less are not shown.

^Rate is unreliable due to a count <12.

**Wisconsin Sexually Transmitted Disease Surveillance Report, 2020**  
**Reported Cases by Region and County**  
**Southeastern Region**

|                     | Chlamydia     |          |            | Gonorrhea    |          |            | Syphilis   |          |           | Total         |          |              |
|---------------------|---------------|----------|------------|--------------|----------|------------|------------|----------|-----------|---------------|----------|--------------|
|                     | Case          | Percent  | Rates*     | Case         | Percent  | Rates*     | Case       | Percent  | Rates*    | Case          | Percent  | Rates*       |
| <b>Southeastern</b> |               |          |            |              |          |            |            |          |           |               |          |              |
| Kenosha             | 818           | 0        | 481        | 311          | 0        | 183        | 13         | 0        | 8         | 1,142         | 0        | 672          |
| Milwaukee           | 10,671        | 1        | 1,129      | 5,279        | 1        | 558        | 456        | 1        | 48        | 16,406        | 1        | 1,735        |
| Ozaukee             | 120           | 0        | 133        | 29           | 0        | 32         | 5          | 0        | **        | 154           | 0        | 171          |
| Racine              | 1,103         | 0        | 562        | 607          | 0        | 309        | 27         | 0        | 14        | 1,737         | 0        | 885          |
| Walworth            | 279           | 0        | 268        | 54           | 0        | 52         | 6          | 0        | 6^        | 339           | 0        | 326          |
| Washington          | 223           | 0        | 162        | 57           | 0        | 42         | 8          | 0        | 6^        | 288           | 0        | 210          |
| Waukesha            | 731           | 0        | 180        | 202          | 0        | 50         | 22         | 0        | 5         | 955           | 0        | 235          |
| <b>Region total</b> | <b>13,945</b> | <b>1</b> | <b>681</b> | <b>6,539</b> | <b>1</b> | <b>319</b> | <b>537</b> | <b>1</b> | <b>26</b> | <b>21,021</b> | <b>1</b> | <b>1,026</b> |

\*Cases per 100,000 population.

\*\*Rates based on case counts five or less are not shown.

^Rate is unreliable due to a count <12.

## Wisconsin Sexually Transmitted Disease Surveillance Report, 2020

### Syphilis Cases by Disease Stage

### Southeastern Region

|                       | Primary |         |        | Secondary |         |        | Early Latent |         |        | Early Total |         |        |
|-----------------------|---------|---------|--------|-----------|---------|--------|--------------|---------|--------|-------------|---------|--------|
|                       | Cases   | Percent | Rates* | Cases     | Percent | Rates* | Cases        | Percent | Rates* | Cases       | Percent | Rates* |
| <b>Total</b>          | 148     | 100%    | 7      | 110       | 100%    | 5      | 166          | 100%    | 8      | 424         | 100%    | 21     |
| <b>Gender</b>         |         |         |        |           |         |        |              |         |        |             |         |        |
| Male                  | 123     | 83.1%   | 12     | 75        | 68.2%   | 7      | 132          | 79.5%   | 13     | 330         | 77.8%   | 33     |
| Female                | 25      | 16.9%   | 2      | 35        | 31.8%   | 3      | 34           | 20.5%   | 3      | 94          | 22.2%   | 9      |
| Transgender Female    | 0       | 0%      | -      | 0         | 0%      | -      | 0            | 0.0%    | 0      | 0           | 0.0%    | -      |
| Transgender Male      | 0       | 0%      | -      | 0         | 0%      | -      | 0            | 0.0%    | 0      | 0           | 0.0%    | -      |
| Unknown               | 0       | 0%      | -      | 0         | 0%      | -      | 0            | 0.0%    | 0      | 0           | 0.0%    | -      |
| <b>Race/Ethnicity</b> |         |         |        |           |         |        |              |         |        |             |         |        |
| White                 | 32      | 21.6%   | 2      | 31        | 28.2%   | 2      | 48           | 28.9%   | 3      | 111         | 26.2%   | 8      |
| Black                 | 74      | 50.0%   | 24     | 43        | 39.1%   | 14     | 83           | 50.0%   | 27     | 200         | 47.2%   | 65     |
| Native American       | 1       | 0.7%    | **     | 1         | 0.9%    | **     | 0            | 0.0%    | 0      | 2           | 0.5%    | **     |
| Asian                 | 3       | 2.0%    | **     | 1         | 0.9%    | **     | 3            | 1.8%    | **     | 7           | 1.7%    | 9^     |
| Hispanic              | 26      | 17.6%   | 11     | 19        | 17.3%   | 8      | 18           | 10.8%   | 8      | 63          | 14.9%   | 27     |
| Other/Unknown         | 2       | 8.1%    | -      | 3         | 13.6%   | -      | 5            | 3.0%    | -      | 10          | 2.4%    | -      |
| <b>Age</b>            |         |         |        |           |         |        |              |         |        |             |         |        |
| 0-4                   | 0       | 0.0%    | 0      | 0         | 0.0%    | 0      | 0            | 0.0%    | 0      | 0           | 0.0%    | 0      |
| 5-9                   | 0       | 0.0%    | 0      | 0         | 0.0%    | 0      | 0            | 0.0%    | 0      | 0           | 0.0%    | 0      |
| 10-14                 | 0       | 0.0%    | 0      | 0         | 0.0%    | 0      | 0            | 0.0%    | 0      | 0           | 0.0%    | 0      |
| 15-19                 | 4       | 2.7%    | **     | 4         | 3.6%    | **     | 10           | 6.0%    | 7^     | 18          | 4.2%    | 13     |
| 20-24                 | 22      | 14.9%   | 16     | 15        | 13.6%   | 11     | 24           | 14.5%   | 17     | 61          | 14.4%   | 43     |
| 25-29                 | 21      | 14.2%   | 14     | 14        | 12.7%   | 10     | 36           | 21.7%   | 25     | 71          | 16.7%   | 49     |
| 30-34                 | 28      | 18.9%   | 21     | 17        | 15.5%   | 13     | 28           | 16.9%   | 21     | 73          | 17.2%   | 54     |
| 35-39                 | 15      | 10.1%   | 11     | 14        | 12.7%   | 10     | 25           | 15.1%   | 18     | 54          | 12.7%   | 40     |
| 40-44                 | 17      | 11.5%   | 14     | 15        | 13.6%   | 12     | 13           | 7.8%    | 11     | 45          | 10.6%   | 37     |
| 45-49                 | 15      | 10.1%   | 12     | 10        | 9.1%    | 8      | 13           | 7.8%    | 11     | 38          | 9.0%    | 31     |
| 50+                   | 26      | 17.6%   | 4      | 21        | 19.1%   | 3      | 17           | 10.2%   | 2      | 64          | 15.1%   | 9      |

\*Cases per 100,000 population.

\*\*Rates based on case counts five or less are not shown.

^Rate is unreliable due to a count <12.

## Wisconsin Sexually Transmitted Disease Surveillance Report

### Syphilis Cases by Disease Stage

#### Southeastern Region

|                       | Early Total |         |        | Late Latent |         |        | Congenital |         |        | All Stage Total |         |        |
|-----------------------|-------------|---------|--------|-------------|---------|--------|------------|---------|--------|-----------------|---------|--------|
|                       | Cases       | Percent | Rates* | Cases       | Percent | Rates* | Cases      | Percent | Rates* | Cases           | Percent | Rates* |
| <b>Total</b>          | 424         | 100%    | 21     | 108         | 100.00% | 5      | 5          | 100.00% | **     | 537             | 100.00% | 26     |
| <b>Gender</b>         |             |         |        |             |         |        |            |         |        |                 |         |        |
| Male                  | 330         | 77.8%   | 33     | 71          | 65.7%   | 7      | 3          | 60.0%   | **     | 404             | 75.2%   | 40     |
| Female                | 94          | 22.2%   | 9      | 37          | 34.3%   | 4      | 2          | 40.0%   | **     | 133             | 24.8%   | 13     |
| Transgender Female    | 0           | 0.0%    | -      | 0           | 0.0%    | -      | 0          | 0.0%    | -      | 0               | 0.0%    | -      |
| Transgender Male      | 0           | 0.0%    | -      | 0           | 0.0%    | -      | 0          | 0.0%    | -      | 0               | 0.0%    | -      |
| <b>Race/Ethnicity</b> |             |         |        |             | 0.0%    |        |            |         |        |                 |         |        |
| White                 | 111         | 26.2%   | 8      | 30          | 27.8%   | 2      | 3          | 60.0%   | **     | 144             | 26.8%   | 10     |
| Black                 | 200         | 47.2%   | 65     | 53          | 49.1%   | 17     | 1          | 20.0%   | **     | 254             | 47.3%   | 82     |
| Native American       | 2           | 0.5%    | **     | 1           | 0.9%    | **     | 0          | 0.0%    | 0      | 3               | 0.6%    | **     |
| Asian                 | 7           | 1.7%    | 9^     | 2           | 1.9%    | **     | 0          | 0.0%    | 0      | 9               | 1.7%    | 12^    |
| Hispanic              | 63          | 14.9%   | 27     | 10          | 9.3%    | 4^     | 1          | 20.0%   | **     | 74              | 13.8%   | 31     |
| Other/Unknown         | 41          | 2.4%    | -      | 12          | 0.9%    | -      | 0          | 0.0%    | -      | 53              | 2.0%    | -      |
| <b>Age</b>            |             |         |        |             |         |        |            |         |        |                 | 0.0%    |        |
| 0-4                   | 0           | 0.0%    | 0      | 0           | 0.0%    | 0      | 5          | 100.0%  | **     | 5               | 0.9%    | **     |
| 5-9                   | 0           | 0.0%    | 0      | 0           | 0.0%    | 0      | 0          | 0.0%    | 0      | 0               | 0.0%    | 0      |
| 10-14                 | 0           | 0.0%    | 0      | 0           | 0.0%    | 0      | 0          | 0.0%    | 0      | 0               | 0.0%    | 0      |
| 15-19                 | 18          | 4.2%    | 13     | 6           | 5.6%    | 4^     | 0          | 0.0%    | 0      | 24              | 4.5%    | 17     |
| 20-24                 | 61          | 14.4%   | 43     | 16          | 14.8%   | 11     | 0          | 0.0%    | 0      | 77              | 14.3%   | 55     |
| 25-29                 | 71          | 16.7%   | 49     | 21          | 19.4%   | 14     | 0          | 0.0%    | 0      | 92              | 17.1%   | 63     |
| 30-34                 | 73          | 17.2%   | 54     | 18          | 16.7%   | 13     | 0          | 0.0%    | 0      | 91              | 16.9%   | 67     |
| 35-39                 | 54          | 12.7%   | 40     | 14          | 13.0%   | 10     | 0          | 0.0%    | 0      | 68              | 12.7%   | 50     |
| 40-44                 | 45          | 10.6%   | 37     | 12          | 11.1%   | 10     | 0          | 0.0%    | 0      | 57              | 10.6%   | 47     |
| 45-49                 | 38          | 9.0%    | 31     | 7           | 6.5%    | 6^     | 0          | 0.0%    | 0      | 45              | 8.4%    | 37     |
| 50+                   | 64          | 15.1%   | 9      | 14          | 13.0%   | 2      | 0          | 0.0%    | 0      | 78              | 14.5%   | 11     |

\*Cases per 100,000 population.

\*\*Rates based on case counts five or less are not shown.

^Rate is unreliable due to a count <12.

## **Technical Notes**

1. These reports are compiled by the Wisconsin STI Unit and are based on STI case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require both laboratories and health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid, and pelvic inflammatory disease to local health departments. STI case surveillance data is automatically sent to the Wisconsin STI Unit via WEDSS (Wisconsin Electronic Disease Surveillance System).
2. These reports include cases diagnosed within the specified period. Additional cases diagnosed within the specified period may continue to be reported. Thus, this report should be considered provisional and it supersedes all previous reports.
3. Reporting of STI cases can be incomplete. Reporting rates can vary by disease, geographic region, and demographic groups. At any time, reported STI cases represent only part of the total number of diagnosed cases, therefore STI surveillance data likely underestimates total STI morbidity.
4. Rate is calculated based on the population data available on WISH (Wisconsin Interactive Statistics on Health) system website. In these reports, rates presented are cases per 100,000 population (2019). Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. In these reports, cases are allocated to the derived county at the time of diagnosis. Cases diagnosed among inmates of correctional facilities and cases who resided out of Wisconsin are not included in this report.
6. All races are non-Hispanic ethnicity. Under the category race, Asian includes Asian Pacific Islander. Under the category race, American Indian Alaska Native is named as Native American.
7. Rates based on case counts five or less are not shown and rates based on counts less than 12 are marked as statistically unreliable.

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