

# Sexually Transmitted Disease in Wisconsin 2013



DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases and  
Emergency Preparedness  
STD Control Section  
P-00415 (05/14)

# Wisconsin sexually transmitted disease surveillance report, 2013

|                            | Chlamydia* |         |        | Gonorrhea* |         |        | Syphilis* |         |        | Total* |         |        |
|----------------------------|------------|---------|--------|------------|---------|--------|-----------|---------|--------|--------|---------|--------|
|                            | Cases      | Percent | Rate** | Cases      | Percent | Rate** | Cases     | Percent | Rate** | Cases  | Percent | Rate** |
| <b>Total</b>               |            |         |        |            |         |        |           |         |        |        |         |        |
| Total                      | 23,204     | 100.0%  | 412    | 4,573      | 100.0%  | 81     | 255       | 100.0%  | 5      | 28,040 | 100.0%  | 498    |
| <b>Sex</b>                 |            |         |        |            |         |        |           |         |        |        |         |        |
| Male                       | 6,853      | 29.5%   | 245    | 2,121      | 46.4%   | 76     | 214       | 83.9%   | 8      | 9,190  | 32.8%   | 328    |
| Female                     | 16,341     | 70.4%   | 577    | 2,449      | 53.6%   | 87     | 41        | 16.1%   | 1      | 18,837 | 67.2%   | 666    |
| Unknown                    | 10         | 0.0%    | -      | 3          | 0.1%    | -      | 0         | 0.0%    | -      | 13     | 0.0%    | -      |
| <b>Race</b>                |            |         |        |            |         |        |           |         |        |        |         |        |
| White                      | 9,950      | 42.9%   | 196    | 972        | 21.3%   | 19     | 115       | 45.1%   | 2      | 11,043 | 39.4%   | 217    |
| African American           | 6,430      | 27.7%   | 1,770  | 2,361      | 51.6%   | 650    | 98        | 38.4%   | 27     | 8,889  | 31.7%   | 2,447  |
| American Indian            | 352        | 1.5%    | 587    | 52         | 1.1%    | 87     | 1         | 0.4%    | 2      | 405    | 1.4%    | 675    |
| Asian/Pacific Islander     | 315        | 1.4%    | 255    | 29         | 0.6%    | 24     | 6         | 2.4%    | 5      | 351    | 1.3%    | 284    |
| Other                      | 654        | 2.8%    | -      | 96         | 2.1%    | -      | 5         | 2.0%    | -      | 755    | 2.7%    | -      |
| Unknown                    | 5,492      | 23.7%   | -      | 1,063      | 23.2%   | -      | 30        | 11.8%   | -      | 6,586  | 23.5%   | -      |
| <b>Hispanic ethnicity</b>  |            |         |        |            |         |        |           |         |        |        |         |        |
| Hispanic                   | 1,352      | 5.8%    | 473    | 170        | 3.7%    | 59     | 30        | 11.8%   | 10     | 1,555  | 5.5%    | 544    |
| Not Hispanic               | 12,892     | 55.6%   | 241    | 2,387      | 52.2%   | 45     | 214       | 83.9%   | 4      | 15,496 | 55.3%   | 290    |
| Unknown                    | 8,869      | 38.2%   | -      | 2,010      | 44.0%   | -      | 11        | 4.3%    | -      | 10,890 | 38.8%   | -      |
| <b>Age</b>                 |            |         |        |            |         |        |           |         |        |        |         |        |
| 0-4                        | 15         | 0.1%    | 4      | 1          | 0.0%    | 0      | 0         | 0.0%    | 0      | 16     | 0.1%    | 4      |
| 5-9                        | 3          | 0.0%    | 1      | 2          | 0.0%    | 1      | 0         | 0.0%    | 0      | 5      | 0.0%    | 1      |
| 10-14                      | 218        | 0.9%    | 60     | 74         | 1.6%    | 20     | 0         | 0.0%    | 0      | 292    | 1.0%    | 81     |
| 15-19                      | 6,773      | 29.2%   | 1,703  | 1,150      | 25.1%   | 289    | 20        | 7.8%    | 5      | 7,943  | 28.3%   | 1,997  |
| 20-24                      | 9,344      | 40.3%   | 2,378  | 1,515      | 33.1%   | 386    | 45        | 17.6%   | 11     | 10,907 | 38.9%   | 2,776  |
| 25-29                      | 3,863      | 16.6%   | 1,017  | 827        | 18.1%   | 218    | 51        | 20.0%   | 13     | 4,743  | 16.9%   | 1,248  |
| 30-34                      | 1,664      | 7.2%    | 490    | 442        | 9.7%    | 130    | 36        | 14.1%   | 11     | 2,143  | 7.6%    | 631    |
| 35-39                      | 691        | 3.0%    | 189    | 223        | 4.9%    | 61     | 18        | 7.1%    | 5      | 933    | 3.3%    | 256    |
| 40-44                      | 302        | 1.3%    | 75     | 136        | 3.0%    | 34     | 28        | 11.0%   | 7      | 467    | 1.7%    | 116    |
| 45-49                      | 155        | 0.7%    | 34     | 86         | 1.9%    | 19     | 22        | 8.6%    | 5      | 263    | 0.9%    | 58     |
| 50+                        | 174        | 0.7%    | 10     | 116        | 2.5%    | 6      | 35        | 13.7%   | 2      | 325    | 1.2%    | 18     |
| Unknown                    | 0          | 0.0%    | -      | 0          | 0.0%    | -      | 0         | 0.0%    | -      | 0      | 0.0%    | -      |
| <b>Region of residence</b> |            |         |        |            |         |        |           |         |        |        |         |        |
| Northeastern               | 3,692      | 15.9%   | 306    | 406        | 8.9%    | 34     | 28        | 11.0%   | 2      | 4,127  | 14.7%   | 342    |
| Northern                   | 1,100      | 4.7%    | 227    | 46         | 1.0%    | 10     | 10        | 3.9%    | 2      | 1,156  | 4.1%    | 239    |
| Southeastern               | 12,579     | 54.2%   | 625    | 3,572      | 78.1%   | 177    | 169       | 66.3%   | 8      | 16,320 | 58.2%   | 810    |
| Southern                   | 3,765      | 16.2%   | 324    | 417        | 9.1%    | 36     | 38        | 14.9%   | 3      | 4,226  | 15.1%   | 364    |
| Western                    | 2,052      | 8.8%    | 269    | 127        | 2.8%    | 17     | 10        | 3.9%    | 1      | 2,191  | 7.8%    | 287    |
| Unknown                    | 15         | 0.1%    | -      | 5          | 0.1%    | -      | 0         | 0.0%    | -      | 20     | 0.1%    | -      |

\* Demographic breakdown not available for diseases with less than 5 cases reported.

\*\* Cases per 100,000 population

# Wisconsin sexually transmitted disease surveillance report, 2013

## Reported cases by region and county

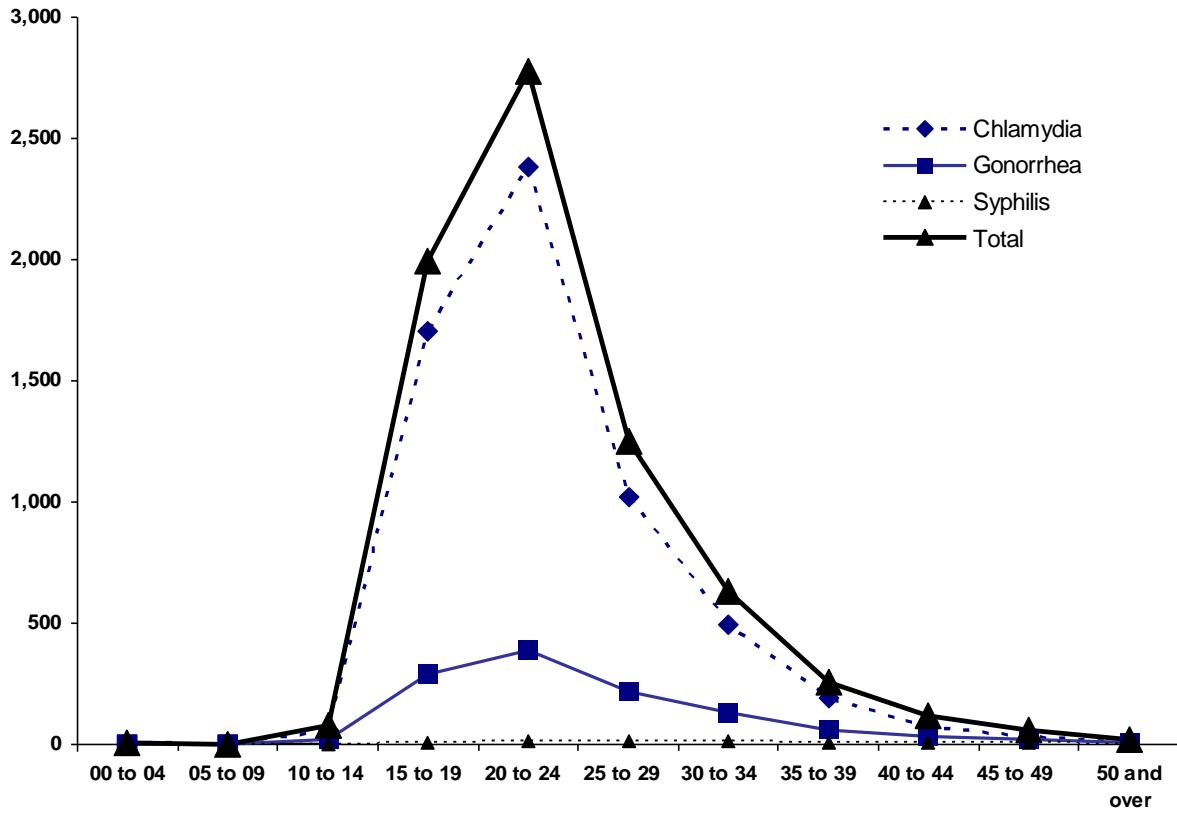
| Region/County       | Chlamydia     |              |            | Gonorrhea    |              |            | Syphilis   |              |          | Total         |              |            |
|---------------------|---------------|--------------|------------|--------------|--------------|------------|------------|--------------|----------|---------------|--------------|------------|
|                     | Cases         | Percent      | Rate*      | Cases        | Percent      | Rate*      | Cases      | Percent      | Rate*    | Cases         | Percent      | Rate*      |
| <b>Northeastern</b> |               |              |            |              |              |            |            |              |          |               |              |            |
| Brown               | 1,000         | 4.3%         | 408        | 183          | 4.0%         | 75         | 7          | 2.7%         | 3        | 1,190         | 4.2%         | 486        |
| Calumet             | 105           | 0.5%         | 235        | 13           | 0.3%         | 29         | 1          | 0.4%         | 2        | 119           | 0.4%         | 266        |
| Door                | 42            | 0.2%         | 151        | 4            | 0.1%         | 14         | 0          | 0.0%         | 0        | 46            | 0.2%         | 166        |
| Fond du lac         | 246           | 1.1%         | 247        | 28           | 0.6%         | 28         | 1          | 0.4%         | 1        | 275           | 1.0%         | 277        |
| Green Lake          | 39            | 0.2%         | 210        | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 39            | 0.1%         | 210        |
| Kewaunee            | 37            | 0.2%         | 181        | 1            | 0.0%         | 5          | 0          | 0.0%         | 0        | 38            | 0.1%         | 186        |
| Manitowoc           | 226           | 1.0%         | 280        | 8            | 0.2%         | 10         | 0          | 0.0%         | 0        | 234           | 0.8%         | 290        |
| Marinette           | 76            | 0.3%         | 180        | 6            | 0.1%         | 14         | 1          | 0.4%         | 2        | 83            | 0.3%         | 196        |
| Marquette           | 15            | 0.1%         | 100        | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 15            | 0.1%         | 100        |
| Menominee           | 60            | 0.3%         | 1,313      | 3            | 0.1%         | 66         | 0          | 0.0%         | 0        | 63            | 0.2%         | 1,378      |
| Oconto              | 85            | 0.4%         | 226        | 8            | 0.2%         | 21         | 0          | 0.0%         | 0        | 93            | 0.3%         | 248        |
| Outagamie           | 583           | 2.5%         | 333        | 53           | 1.2%         | 30         | 3          | 1.2%         | 2        | 639           | 2.3%         | 365        |
| Shawano             | 99            | 0.4%         | 242        | 10           | 0.2%         | 24         | 0          | 0.0%         | 0        | 109           | 0.4%         | 266        |
| Sheboygan           | 312           | 1.3%         | 272        | 32           | 0.7%         | 28         | 7          | 2.7%         | 6        | 351           | 1.3%         | 306        |
| Waupaca             | 133           | 0.6%         | 256        | 7            | 0.2%         | 13         | 1          | 0.4%         | 2        | 141           | 0.5%         | 272        |
| Waushara            | 36            | 0.2%         | 145        | 1            | 0.0%         | 4          | 1          | 0.4%         | 4        | 38            | 0.1%         | 153        |
| Winnebago           | 598           | 2.6%         | 369        | 49           | 1.1%         | 30         | 6          | 2.4%         | 4        | 654           | 2.3%         | 403        |
| <b>Region total</b> | <b>3,692</b>  | <b>15.9%</b> | <b>306</b> | <b>406</b>   | <b>8.9%</b>  | <b>34</b>  | <b>28</b>  | <b>11.0%</b> | <b>2</b> | <b>4,127</b>  | <b>14.7%</b> | <b>342</b> |
| <b>Northern</b>     |               |              |            |              |              |            |            |              |          |               |              |            |
| Ashland             | 19            | 0.1%         | 117        | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 19            | 0.1%         | 117        |
| Bayfield            | 13            | 0.1%         | 87         | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 13            | 0.0%         | 87         |
| Florence            | 4             | 0.0%         | 86         | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 4             | 0.0%         | 86         |
| Forest              | 58            | 0.2%         | 589        | 2            | 0.0%         | 20         | 0          | 0.0%         | 0        | 60            | 0.2%         | 609        |
| Iron                | 10            | 0.0%         | 161        | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 10            | 0.0%         | 161        |
| Langlade            | 30            | 0.1%         | 149        | 1            | 0.0%         | 5          | 0          | 0.0%         | 0        | 31            | 0.1%         | 154        |
| Lincoln             | 60            | 0.3%         | 203        | 3            | 0.1%         | 10         | 1          | 0.4%         | 3        | 64            | 0.2%         | 217        |
| Marathon            | 329           | 1.4%         | 251        | 19           | 0.4%         | 15         | 5          | 2.0%         | 4        | 353           | 1.3%         | 270        |
| Oneida              | 53            | 0.2%         | 147        | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 53            | 0.2%         | 147        |
| Portage             | 183           | 0.8%         | 266        | 10           | 0.2%         | 15         | 2          | 0.8%         | 3        | 195           | 0.7%         | 284        |
| Price               | 23            | 0.1%         | 161        | 0            | 0.0%         | 0          | 0          | 0.0%         | 0        | 23            | 0.1%         | 161        |
| Sawyer              | 43            | 0.2%         | 251        | 3            | 0.1%         | 18         | 0          | 0.0%         | 0        | 46            | 0.2%         | 269        |
| Taylor              | 37            | 0.2%         | 192        | 2            | 0.0%         | 10         | 0          | 0.0%         | 0        | 39            | 0.1%         | 202        |
| Vilas               | 32            | 0.1%         | 146        | 1            | 0.0%         | 5          | 0          | 0.0%         | 0        | 33            | 0.1%         | 151        |
| Wood                | 206           | 0.9%         | 279        | 5            | 0.1%         | 7          | 2          | 0.8%         | 3        | 213           | 0.8%         | 289        |
| <b>Region total</b> | <b>1,100</b>  | <b>4.7%</b>  | <b>227</b> | <b>46</b>    | <b>1.0%</b>  | <b>10</b>  | <b>10</b>  | <b>3.9%</b>  | <b>2</b> | <b>1,156</b>  | <b>4.1%</b>  | <b>239</b> |
| <b>Southeastern</b> |               |              |            |              |              |            |            |              |          |               |              |            |
| Kenosha             | 803           | 3.5%         | 488        | 190          | 4.2%         | 116        | 2          | 0.8%         | 1        | 995           | 3.5%         | 605        |
| Milwaukee           | 9,703         | 41.8%        | 1,018      | 3,044        | 66.6%        | 319        | 149        | 58.4%        | 16       | 12,896        | 46.0%        | 1,353      |
| Ozaukee             | 123           | 0.5%         | 143        | 18           | 0.4%         | 21         | 2          | 0.8%         | 2        | 143           | 0.5%         | 167        |
| Racine              | 741           | 3.2%         | 371        | 187          | 4.1%         | 94         | 12         | 4.7%         | 6        | 940           | 3.4%         | 471        |
| Walworth            | 304           | 1.3%         | 302        | 21           | 0.5%         | 21         | 0          | 0.0%         | 0        | 325           | 1.2%         | 323        |
| Washington          | 249           | 1.1%         | 192        | 37           | 0.8%         | 29         | 2          | 0.8%         | 2        | 288           | 1.0%         | 222        |
| Waukesha            | 656           | 2.8%         | 172        | 75           | 1.6%         | 20         | 2          | 0.8%         | 1        | 733           | 2.6%         | 193        |
| <b>Region total</b> | <b>12,579</b> | <b>54.2%</b> | <b>625</b> | <b>3,572</b> | <b>78.1%</b> | <b>177</b> | <b>169</b> | <b>66.3%</b> | <b>8</b> | <b>16,320</b> | <b>58.2%</b> | <b>810</b> |

| Region/County       | Chlamydia     |               |            | Gonorrhea    |               |           | Syphilis   |               |          | Total         |               |            |
|---------------------|---------------|---------------|------------|--------------|---------------|-----------|------------|---------------|----------|---------------|---------------|------------|
|                     | Cases         | Percent       | Rate*      | Cases        | Percent       | Rate*     | Cases      | Percent       | Rate*    | Cases         | Percent       | Rate*      |
| <b>Southern</b>     |               |               |            |              |               |           |            |               |          |               |               |            |
| Adams               | 29            | 0.1%          | 143        | 0            | 0.0%          | 0         | 0          | 0.0%          | 0        | 29            | 0.1%          | 143        |
| Columbia            | 121           | 0.5%          | 219        | 5            | 0.1%          | 9         | 0          | 0.0%          | 0        | 126           | 0.4%          | 228        |
| Crawford            | 17            | 0.1%          | 101        | 1            | 0.0%          | 6         | 0          | 0.0%          | 0        | 18            | 0.1%          | 107        |
| Dane                | 2,041         | 8.8%          | 423        | 278          | 6.1%          | 58        | 29         | 11.4%         | 6        | 2,351         | 8.4%          | 487        |
| Dodge               | 200           | 0.9%          | 228        | 11           | 0.2%          | 13        | 2          | 0.8%          | 2        | 215           | 0.8%          | 245        |
| Grant               | 127           | 0.5%          | 258        | 8            | 0.2%          | 16        | 0          | 0.0%          | 0        | 135           | 0.5%          | 274        |
| Green               | 87            | 0.4%          | 241        | 4            | 0.1%          | 11        | 1          | 0.4%          | 3        | 92            | 0.3%          | 255        |
| Iowa                | 38            | 0.2%          | 161        | 3            | 0.1%          | 13        | 0          | 0.0%          | 0        | 41            | 0.1%          | 174        |
| Jefferson           | 163           | 0.7%          | 202        | 7            | 0.2%          | 9         | 2          | 0.8%          | 2        | 172           | 0.6%          | 213        |
| Juneau              | 49            | 0.2%          | 184        | 3            | 0.1%          | 11        | 0          | 0.0%          | 0        | 52            | 0.2%          | 195        |
| Lafayette           | 20            | 0.1%          | 126        | 1            | 0.0%          | 6         | 0          | 0.0%          | 0        | 21            | 0.1%          | 132        |
| Richland            | 23            | 0.1%          | 128        | 1            | 0.0%          | 6         | 1          | 0.4%          | 6        | 25            | 0.1%          | 139        |
| Rock                | 658           | 2.8%          | 411        | 82           | 1.8%          | 51        | 3          | 1.2%          | 2        | 743           | 2.6%          | 464        |
| Sauk                | 180           | 0.8%          | 305        | 13           | 0.3%          | 22        | 0          | 0.0%          | 0        | 193           | 0.7%          | 327        |
| Vernon              | 12            | 0.1%          | 41         | 0            | 0.0%          | 0         | 0          | 0.0%          | 0        | 12            | 0.0%          | 41         |
| <b>Region total</b> | <b>3,765</b>  | <b>16.2%</b>  | <b>324</b> | <b>417</b>   | <b>9.1%</b>   | <b>36</b> | <b>38</b>  | <b>14.9%</b>  | <b>3</b> | <b>4,225</b>  | <b>15.1%</b>  | <b>364</b> |
| <b>Western</b>      |               |               |            |              |               |           |            |               |          |               |               |            |
| Barron              | 115           | 0.5%          | 252        | 3            | 0.1%          | 7         | 0          | 0.0%          | 0        | 118           | 0.4%          | 259        |
| Buffalo             | 16            | 0.1%          | 116        | 1            | 0.0%          | 7         | 0          | 0.0%          | 0        | 17            | 0.1%          | 124        |
| Burnett             | 26            | 0.1%          | 161        | 2            | 0.0%          | 12        | 0          | 0.0%          | 0        | 28            | 0.1%          | 173        |
| Chippewa            | 156           | 0.7%          | 258        | 6            | 0.1%          | 10        | 0          | 0.0%          | 0        | 162           | 0.6%          | 268        |
| Clark               | 50            | 0.2%          | 149        | 0            | 0.0%          | 0         | 0          | 0.0%          | 0        | 50            | 0.2%          | 149        |
| Douglas             | 192           | 0.8%          | 439        | 17           | 0.4%          | 39        | 1          | 0.4%          | 2        | 210           | 0.7%          | 480        |
| Dunn                | 112           | 0.5%          | 262        | 4            | 0.1%          | 9         | 0          | 0.0%          | 0        | 116           | 0.4%          | 272        |
| Eau Claire          | 354           | 1.5%          | 360        | 29           | 0.6%          | 30        | 4          | 1.6%          | 4        | 387           | 1.4%          | 394        |
| Jackson             | 52            | 0.2%          | 261        | 15           | 0.3%          | 75        | 0          | 0.0%          | 0        | 67            | 0.2%          | 337        |
| La Crosse           | 397           | 1.7%          | 352        | 25           | 0.5%          | 22        | 2          | 0.8%          | 2        | 424           | 1.5%          | 376        |
| Monroe              | 128           | 0.6%          | 295        | 7            | 0.2%          | 16        | 0          | 0.0%          | 0        | 135           | 0.5%          | 311        |
| Pepin               | 8             | 0.0%          | 109        | 0            | 0.0%          | 0         | 0          | 0.0%          | 0        | 8             | 0.0%          | 109        |
| Pierce              | 107           | 0.5%          | 266        | 3            | 0.1%          | 7         | 2          | 0.8%          | 5        | 112           | 0.4%          | 278        |
| Polk                | 71            | 0.3%          | 160        | 2            | 0.0%          | 5         | 0          | 0.0%          | 0        | 73            | 0.3%          | 165        |
| Rusk                | 38            | 0.2%          | 264        | 1            | 0.0%          | 7         | 1          | 0.4%          | 7        | 40            | 0.1%          | 278        |
| Saint Croix         | 137           | 0.6%          | 166        | 10           | 0.2%          | 12        | 0          | 0.0%          | 0        | 147           | 0.5%          | 181        |
| Trempealeau         | 63            | 0.3%          | 227        | 2            | 0.0%          | 7         | 0          | 0.0%          | 0        | 65            | 0.2%          | 234        |
| Washburn            | 30            | 0.1%          | 180        | 0            | 0.0%          | 0         | 0          | 0.0%          | 0        | 30            | 0.1%          | 180        |
| <b>Region total</b> | <b>2,052</b>  | <b>8.8%</b>   | <b>243</b> | <b>127</b>   | <b>2.8%</b>   | <b>15</b> | <b>10</b>  | <b>3.9%</b>   | <b>1</b> | <b>2,191</b>  | <b>7.8%</b>   | <b>259</b> |
| <b>Unknown</b>      |               |               |            |              |               |           |            |               |          |               |               |            |
| Unknown             | 15            | 0.1%          | -          | 5            | 0.1%          | -         | 0          | 0.0%          | -        | 20            | 0.1%          | -          |
| <b>Region total</b> | <b>15</b>     | <b>0.1%</b>   |            | <b>5</b>     | <b>0.1%</b>   |           | <b>0</b>   | <b>0.0%</b>   |          | <b>20</b>     | <b>0.1%</b>   |            |
| <b>Total</b>        | <b>23,204</b> | <b>100.0%</b> | <b>406</b> | <b>4,573</b> | <b>100.0%</b> | <b>80</b> | <b>255</b> | <b>100.0%</b> | <b>4</b> | <b>28,040</b> | <b>100.0%</b> | <b>491</b> |

\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2013

## Age-specific sexually transmitted disease rates\*



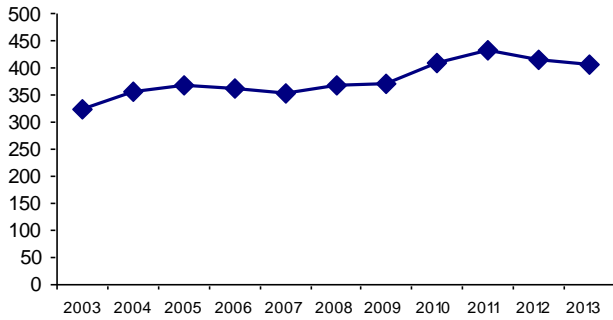
\* Cases per 100,000 population.

# Wisconsin sexually transmitted disease surveillance report, 2013

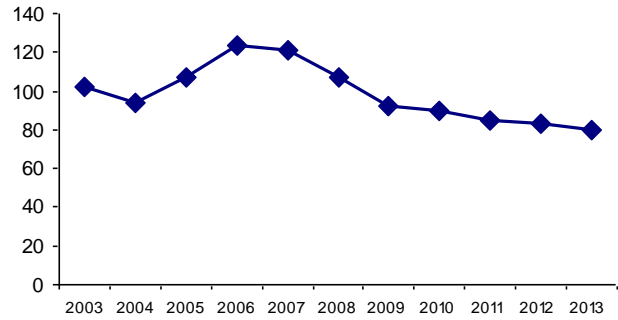
## Reported cases by year of diagnosis, past ten years

| Year | Chlamydia |       | Gonorrhea |       | Syphilis |       | Total  |       |
|------|-----------|-------|-----------|-------|----------|-------|--------|-------|
|      | Cases     | Rate* | Cases     | Rate* | Cases    | Rate* | Cases  | Rate* |
| 2004 | 19,621    | 356   | 5,150     | 93    | 128      | 2     | 24,899 | 452   |
| 2005 | 20,372    | 368   | 5,923     | 107   | 136      | 2     | 26,431 | 477   |
| 2006 | 20,091    | 361   | 6,883     | 124   | 160      | 3     | 27,134 | 487   |
| 2007 | 19,827    | 354   | 6,787     | 121   | 165      | 3     | 26,779 | 478   |
| 2008 | 20,720    | 368   | 6,034     | 107   | 193      | 3     | 26,947 | 479   |
| 2009 | 20,895    | 371   | 5,206     | 93    | 164      | 3     | 26,265 | 467   |
| 2010 | 23,000    | 409   | 5,074     | 90    | 183      | 3     | 28,257 | 502   |
| 2011 | 24,254    | 431   | 4,761     | 85    | 198      | 4     | 29,213 | 519   |
| 2012 | 23,353    | 415   | 4,692     | 83    | 266      | 5     | 28,311 | 503   |
| 2013 | 23,204    | 405   | 4,573     | 80    | 255      | 4     | 28,040 | 490   |

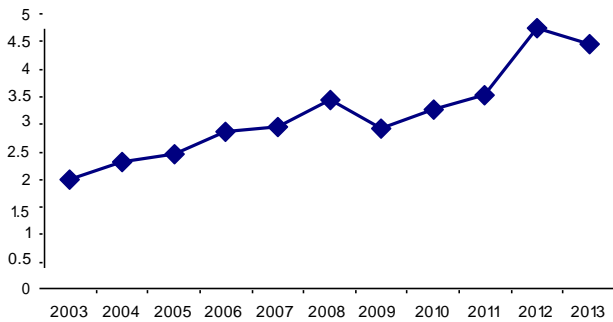
**Chlamydia rate\***



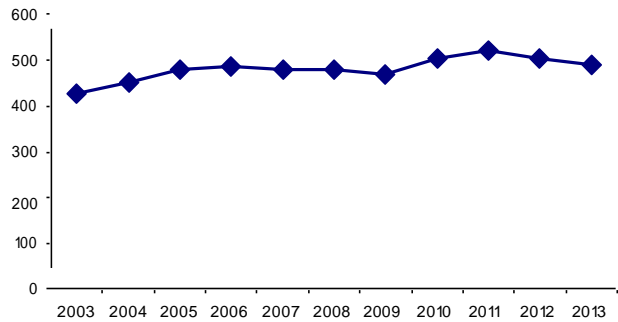
**Gonorrhea rate\***



**Syphilis rate\***



**Total rate\***



\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2013**  
**Unadjusted\* and imputed\*\* cases per 100,000 population by race**

|                  | White       |            | African American |              | American Indian |            | Asian/Pacific Islander |            |
|------------------|-------------|------------|------------------|--------------|-----------------|------------|------------------------|------------|
|                  | Unadjusted* | Imputed**  | Unadjusted*      | Imputed**    | Unadjusted*     | Imputed**  | Unadjusted*            | Imputed**  |
| Chlamydia        | 196         | 246        | 1,770            | 2,598        | 587             | 750        | 255                    | 322        |
| Gonorrhea        | 19          | 23         | 650              | 884          | 87              | 105        | 24                     | 26         |
| Other            | 0           | 0          | 0                | 0            | 0               | 0          | 1                      | 1          |
| Syphilis         | 2           | 3          | 27               | 30           | 2               | 2          | 5                      | 6          |
| SYPHILIS, EARLY  | 0           | 0          | 0                | 0            | 0               | 0          | 0                      | 0          |
| SYPHILIS, LATE L | 0           | 0          | 0                | 0            | 0               | 0          | 0                      | 0          |
| <b>Total</b>     | <b>217</b>  | <b>272</b> | <b>2,447</b>     | <b>3,511</b> | <b>675</b>      | <b>857</b> | <b>284</b>             | <b>355</b> |

\* The unadjusted rate is the number of reported cases with specified race per 100,000 population. Because some cases are reported without specified race, the unadjusted rate underestimates actual morbidity and thus should be regarded as a minimum estimate.

\*\* The imputed rate takes into consideration cases reported without race specified. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the age-sex-county-specific race distribution for cases with specified race. Thus, imputed rates specified in this table are estimates.

# Wisconsin sexually transmitted disease surveillance report, 2013

## Syphilis cases by disease stage

|                           | Primary |         |       | Secondary |         |       | Early latent |         |       | Early total** |         |      |
|---------------------------|---------|---------|-------|-----------|---------|-------|--------------|---------|-------|---------------|---------|------|
|                           | Cases   | Percent | Rate* | Cases     | Percent | Rate* | Cases        | Percent | Rate* | Cases         | Percent | Rate |
| <b>Total</b>              |         |         |       |           |         |       |              |         |       |               |         |      |
| Total                     | 33      | 100.0%  | 0.6   | 65        | 100.0%  | 1.2   | 60           | 100.0%  | 1.1   | 158           | 100.0%  | 2.8  |
| <b>Sex</b>                |         |         |       |           |         |       |              |         |       |               |         |      |
| Male                      | 32      | 97.0%   | 1.1   | 56        | 86.2%   | 2.0   | 50           | 83.3%   | 1.8   | 138           | 87.3%   | 4.9  |
| Female                    | 1       | 3.0%    | 0.0   | 9         | 13.8%   | 0.3   | 10           | 16.7%   | 0.4   | 20            | 12.7%   | 0.7  |
| <b>Race</b>               |         |         |       |           |         |       |              |         |       |               |         |      |
| White                     | 22      | 66.7%   | 0.4   | 36        | 55.4%   | 0.7   | 21           | 35.0%   | 0.4   | 79            | 50.0%   | 1.6  |
| African American          | 9       | 27.3%   | 2.5   | 15        | 23.1%   | 4.1   | 33           | 55.0%   | 9.1   | 57            | 36.1%   | 15.7 |
| American Indian           | 0       | 0.0%    | 0.0   | 0         | 0.0%    | 0.0   | 0            | 0.0%    | 0.0   | 0             | 0.0%    | 0.0  |
| Asian/Pacific Islander    | 0       | 0.0%    | 0.0   | 1         | 1.5%    | 0.8   | 1            | 1.7%    | 0.8   | 2             | 1.3%    | 1.6  |
| Other                     | 0       | 0.0%    | -     | 2         | 3.1%    | -     | 0            | 0.0%    | -     | 2             | 1.3%    | -    |
| Unknown                   | 2       | 6.1%    | -     | 11        | 16.9%   | -     | 5            | 8.3%    | -     | 18            | 11.4%   | -    |
| <b>Hispanic ethnicity</b> |         |         |       |           |         |       |              |         |       |               |         |      |
| Hispanic                  | 5       | 15.2%   | 1.7   | 10        | 15.4%   | 3.5   | 7            | 11.7%   | 2.4   | 22            | 13.9%   | 7.7  |
| Non Hispanic              | 28      | 84.8%   | -     | 53        | 81.5%   | -     | 51           | 85.0%   | -     | 132           | 83.5%   | -    |
| Unknown                   | 0       | 0.0%    | -     | 2         | 3.1%    | -     | 2            | 3.3%    | -     | 4             | 2.5%    | -    |
| <b>Age</b>                |         |         |       |           |         |       |              |         |       |               |         |      |
| 0-4                       | 0       | 0.0%    | 0.0   | 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             | 0.0%    | 0.0  |
| 10-14                     | 0       | 0.0%    | 0.0   | 0         | 0.0%    | 0.0   | 0            | 0.0%    | 0.0   | 0             | 0.0%    | 0.0  |
| 15-19                     | 3       | 9.1%    | 0.8   | 7         | 10.8%   | 1.8   | 7            | 11.7%   | 1.8   | 17            | 10.8%   | 4.3  |
| 20-24                     | 10      | 30.3%   | 2.5   | 8         | 12.3%   | 2.0   | 16           | 26.7%   | 4.1   | 34            | 21.5%   | 8.7  |
| 25-29                     | 3       | 9.1%    | 0.8   | 21        | 32.3%   | 5.5   | 13           | 21.7%   | 3.4   | 37            | 23.4%   | 9.7  |
| 30-34                     | 8       | 24.2%   | 2.4   | 8         | 12.3%   | 2.4   | 5            | 8.3%    | 1.5   | 21            | 13.3%   | 6.2  |
| 35-39                     | 1       | 3.0%    | 0.3   | 2         | 3.1%    | 0.5   | 5            | 8.3%    | 1.4   | 8             | 5.1%    | 2.2  |
| 40-44                     | 5       | 15.2%   | 1.2   | 4         | 6.2%    | 1.0   | 5            | 8.3%    | 1.2   | 14            | 8.9%    | 3.5  |
| 45-49                     | 2       | 6.1%    | 0.4   | 6         | 9.2%    | 1.3   | 4            | 6.7%    | 0.9   | 12            | 7.6%    | 2.7  |
| 50+                       | 1       | 3.0%    | 0.1   | 9         | 13.8%   | 0.5   | 5            | 8.3%    | 0.3   | 15            | 9.5%    | 0.8  |
| Unknown                   | 0       | 0.0%    | -     | 0         | 0.0%    | -     | 0            | 0.0%    | -     | 0             | 0.0%    | -    |

\* Cases per 100,000 population

\*\* Primary, secondary and early latent cases.



# Wisconsin sexually transmitted disease surveillance report, 2013

## Syphilis cases by disease stage

|                           | Late latent |         |       | Unknown latency |         |       | Congenital |         |       | All stages |         |       |
|---------------------------|-------------|---------|-------|-----------------|---------|-------|------------|---------|-------|------------|---------|-------|
|                           | Cases       | Percent | Rate* | Cases           | Percent | Rate* | Cases      | Percent | Rate* | Cases      | Percent | Rate* |
| <b>Total</b>              |             |         |       |                 |         |       |            |         |       |            |         |       |
| Total                     | 68          | 100.0%  | 1.2   | 29              | 100.0%  | 0.5   | 0          | 0.0%    | 0.0   | 255        | 100.0%  | 4.5   |
| <b>Sex</b>                |             |         |       |                 |         |       |            |         |       |            |         |       |
| Male                      | 54          | 79.4%   | 1.9   | 22              | 75.9%   | 0.8   | 0          | 0.0%    | 0.0   | 214        | 83.9%   | 7.6   |
| Female                    | 14          | 20.6%   | 0.5   | 7               | 24.1%   | 0.2   | 0          | 0.0%    | 0.0   | 41         | 16.1%   | 1.4   |
| <b>Race</b>               |             |         |       |                 |         |       |            |         |       |            |         |       |
| White                     | 22          | 32.4%   | 0.4   | 14              | 48.3%   | 0.3   | 0          | 0.0%    | 0.0   | 115        | 45.1%   | 2.3   |
| African American          | 34          | 50.0%   | 9.4   | 7               | 24.1%   | 1.9   | 0          | 0.0%    | 0.0   | 98         | 38.4%   | 27.0  |
| American Indian           | 0           | 0.0%    | 0.0   | 1               | 3.4%    | 1.7   | 0          | 0.0%    | 0.0   | 1          | 0.4%    | 1.7   |
| Asian/Pacific Islander    | 4           | 5.9%    | 3.2   | 0               | 0.0%    | 0.0   | 0          | 0.0%    | 0.0   | 6          | 2.4%    | 4.9   |
| Other                     | 1           | 1.5%    | -     | 2               | 6.9%    | -     | 0          | 0.0%    | -     | 5          | 2.0%    | -     |
| Unknown                   | 7           | 10.3%   | -     | 5               | 17.2%   | -     | 0          | 0.0%    | -     | 30         | 11.8%   | -     |
| <b>Hispanic ethnicity</b> |             |         |       |                 |         |       |            |         |       |            |         |       |
| Hispanic                  | 3           | 4.4%    | 1.0   | 5               | 17.2%   | 1.7   | 0          | 0.0%    | 0.0   | 30         | 11.8%   | 10.5  |
| Non Hispanic              | 62          | 91.2%   | -     | 20              | 69.0%   | -     | 0          | 0.0%    | -     | 214        | 83.9%   | -     |
| Unknown                   | 3           | 4.4%    | -     | 4               | 13.8%   | -     | 0          | 0.0%    | -     | 11         | 4.3%    | -     |
| <b>Age</b>                |             |         |       |                 |         |       |            |         |       |            |         |       |
| 0-4                       | 0           | 0.0%    | 0.0   | 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          | 0.0%    | 0.0   |
| 10-14                     | 0           | 0.0%    | 0.0   | 0               | 0.0%    | 0.0   | 0          | 0.0%    | 0.0   | 0          | 0.0%    | 0.0   |
| 15-19                     | 1           | 1.5%    | 0.3   | 2               | 6.9%    | 0.5   | 0          | 0.0%    | 0.0   | 20         | 7.8%    | 5.0   |
| 20-24                     | 8           | 11.8%   | 2.0   | 3               | 10.3%   | 0.8   | 0          | 0.0%    | 0.0   | 45         | 17.6%   | 11.5  |
| 25-29                     | 5           | 7.4%    | 1.3   | 9               | 31.0%   | 2.4   | 0          | 0.0%    | 0.0   | 51         | 20.0%   | 13.4  |
| 30-34                     | 12          | 17.6%   | 3.5   | 3               | 10.3%   | 0.9   | 0          | 0.0%    | 0.0   | 36         | 14.1%   | 10.6  |
| 35-39                     | 6           | 8.8%    | 1.6   | 4               | 13.8%   | 1.1   | 0          | 0.0%    | 0.0   | 18         | 7.1%    | 4.9   |
| 40-44                     | 14          | 20.6%   | 3.5   | 0               | 0.0%    | 0.0   | 0          | 0.0%    | 0.0   | 28         | 11.0%   | 6.9   |
| 45-49                     | 9           | 13.2%   | 2.0   | 1               | 3.4%    | 0.2   | 0          | 0.0%    | 0.0   | 22         | 8.6%    | 4.9   |
| 50+                       | 13          | 19.1%   | 0.7   | 7               | 24.1%   | 0.4   | 0          | 0.0%    | 0.0   | 35         | 13.7%   | 1.9   |
| Unknown                   | 0           | 0.0%    | -     | 0               | 0.0%    | -     | 0          | 0.0%    | -     | 0          | 0.0%    | -     |

\* Cases per 100,000 population

## Technical Notes

1. These reports are compiled by the Wisconsin STD Control Section and are based on STD case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid and pelvic inflammatory disease to local health departments. Local health departments in turn forward reports to the DPH.
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 this supersedes all previous reports.
3. Reporting of STD cases is incomplete. Reporting rates may vary by disease, geographic region, and demographic groups. At any time, reported STD cases represent only part of the total number of diagnosed cases, therefore STD surveillance data likely underestimates total STD morbidity.
4. In these reports, rates presented are cases per 100,000 population. Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. Typically a significant number of STD cases are reported with unspecified race. When noted, imputed race-specific rates have been calculated. To calculate the imputed rate, reported cases with unspecified race were statistically allocated using the county-specific race distribution among cases with specified race. Thus, imputed rates specified in this table are estimates and should be used only for comparison.
6. In these reports, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities are allocated to the county of the facility.

---

For more information contact:

Wisconsin STD Control Section  
1 West Wilson Street  
PO Box 2659  
Madison, WI 53701-2659  
Telephone: (608) 266-8479