

Sexually Transmitted Disease in Wisconsin 2011



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases and
Emergency Response
STD Control Section
P-00415A (2011)

Wisconsin sexually transmitted disease surveillance report, 2011

Western Region

| | Chlamydia* | | | Gonorrhea* | | | Syphilis* | | | Total* | | |
|----------------------------|------------|---------|--------|------------|---------|--------|-----------|---------|--------|--------|---------|--------|
| | Cases | Percent | Rate** | Cases | Percent | Rate** | Cases | Percent | Rate** | Cases | Percent | Rate** |
| Total | | | | | | | | | | | | |
| Total | 2,117 | 100.0% | 276 | 96 | 100.0% | 13 | 6 | 100.0% | 1 | 2,219 | 100.0% | 289 |
| Sex | | | | | | | | | | | | |
| Male | 639 | 30.2% | 167 | 34 | 35.4% | 9 | 6 | 100.0% | 2 | 679 | 30.6% | 178 |
| Female | 1,475 | 69.7% | 383 | 62 | 64.6% | 16 | 0 | 0.0% | 0 | 1,537 | 69.3% | 400 |
| Unknown | 3 | 0.1% | - | 0 | 0.0% | - | 0 | 0.0% | - | 3 | 0.1% | - |
| Race | | | | | | | | | | | | |
| White | 1,556 | 73.5% | 210 | 55 | 57.3% | 7 | 5 | 83.3% | 1 | 1,616 | 72.8% | 219 |
| African American | 95 | 4.5% | 1,303 | 17 | 17.7% | 233 | 1 | 16.7% | 14 | 113 | 5.1% | 1,550 |
| American Indian | 33 | 1.6% | 432 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 33 | 1.5% | 432 |
| Asian/Pacific Islander | 35 | 1.7% | 288 | 2 | 2.1% | 16 | 0 | 0.0% | 0 | 37 | 1.7% | 304 |
| Other | 15 | 0.7% | - | 2 | 2.1% | - | 0 | 0.0% | - | 17 | 0.8% | - |
| Unknown | 383 | 18.1% | - | 20 | 20.8% | - | 0 | 0.0% | - | 403 | 18.2% | - |
| Hispanic ethnicity | | | | | | | | | | | | |
| Hispanic | 51 | 2.4% | 443 | 4 | 4.2% | 35 | 0 | 0.0% | 0 | 55 | 2.5% | 478 |
| Not Hispanic | 1,570 | 74.2% | 208 | 64 | 66.7% | 8 | 6 | 100.0% | 1 | 1,640 | 73.9% | 217 |
| Unknown | 496 | 23.4% | - | 28 | 29.2% | - | 0 | 0.0% | - | 524 | 23.6% | - |
| Age | | | | | | | | | | | | |
| 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 | 8 | 0.4% | 17 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 8 | 0.4% | 17 |
| 15-19 | 585 | 27.6% | 1,005 | 15 | 15.6% | 26 | 0 | 0.0% | 0 | 600 | 27.0% | 1,031 |
| 20-24 | 950 | 44.9% | 1,375 | 41 | 42.7% | 59 | 0 | 0.0% | 0 | 991 | 44.7% | 1,435 |
| 25-29 | 334 | 15.8% | 696 | 23 | 24.0% | 48 | 1 | 16.7% | 2 | 358 | 16.1% | 746 |
| 30-34 | 148 | 7.0% | 372 | 4 | 4.2% | 10 | 0 | 0.0% | 0 | 152 | 6.8% | 382 |
| 35-39 | 50 | 2.4% | 110 | 5 | 5.2% | 11 | 0 | 0.0% | 0 | 55 | 2.5% | 121 |
| 40-44 | 19 | 0.9% | 38 | 4 | 4.2% | 8 | 2 | 33.3% | 4 | 25 | 1.1% | 51 |
| 45-49 | 7 | 0.3% | 12 | 2 | 2.1% | 3 | 1 | 16.7% | 2 | 10 | 0.5% | 17 |
| 50+ | 9 | 0.4% | 4 | 2 | 2.1% | 1 | 2 | 33.3% | 1 | 13 | 0.6% | 5 |
| Unknown | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - |
| Region of residence | | | | | | | | | | | | |
| Northeastern | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - |
| Northern | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - |
| Southeastern | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - |
| Southern | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - |
| Western | 2,117 | 100.0% | 276 | 96 | 100.0% | 13 | 6 | 100.0% | 1 | 2,219 | 100.0% | 289 |
| Unknown | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - |

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

** Cases per 100,000 population

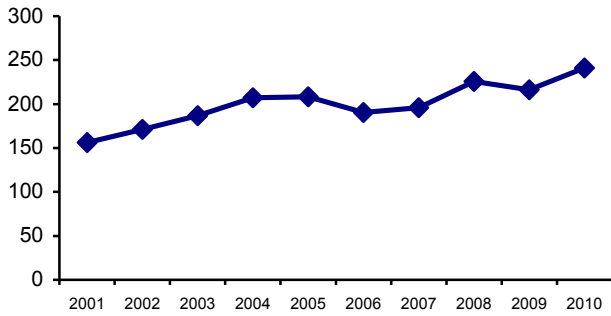
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Reported cases by year of diagnosis, past ten years

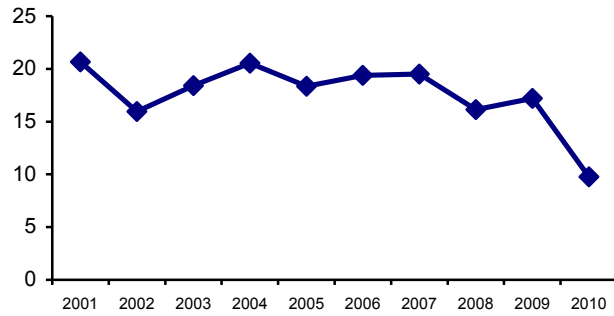
Western Region

| Year | Chlamydia | | Gonorrhea | | Syphilis | | Total | |
|------|-----------|-------|-----------|-------|----------|-------|-------|-------|
| | Cases | Rate* | Cases | Rate* | Cases | Rate* | Cases | Rate* |
| 2002 | 1,243 | 171 | 116 | 16 | 1 | 0 | 1,360 | 187 |
| 2003 | 1,369 | 187 | 135 | 18 | 2 | 0 | 1,506 | 206 |
| 2004 | 1,534 | 207 | 152 | 21 | 9 | 1 | 1,695 | 229 |
| 2005 | 1,555 | 208 | 137 | 18 | 4 | 1 | 1,696 | 227 |
| 2006 | 1,433 | 190 | 146 | 19 | 3 | 0 | 1,582 | 210 |
| 2007 | 1,485 | 196 | 148 | 20 | 6 | 1 | 1,639 | 216 |
| 2008 | 1,722 | 226 | 123 | 16 | 3 | 0 | 1,848 | 242 |
| 2009 | 1,658 | 216 | 132 | 17 | 3 | 0 | 1,793 | 234 |
| 2010 | 1,849 | 241 | 75 | 10 | 9 | 1 | 1,933 | 252 |

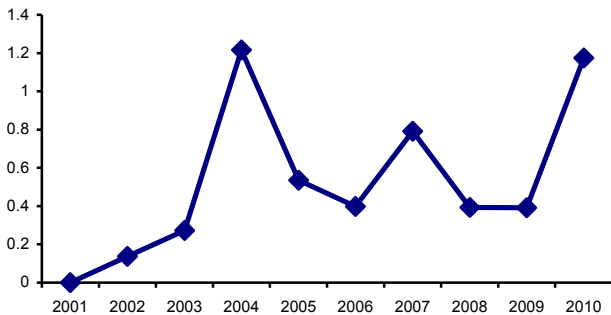
Chlamydia rate*



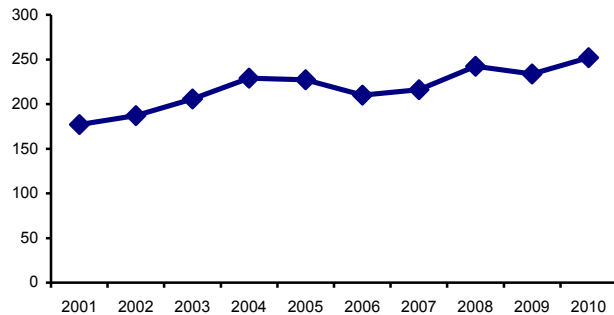
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population.

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Reported cases by region and county
Western Region

| Region/County | Chlamydia | | | Gonorrhea | | | Syphilis | | | Total | | |
|---------------------|--------------|---------------|------------|-----------|---------------|-----------|----------|---------------|----------|--------------|---------------|------------|
| | Cases | Percent | Rate* | Cases | Percent | Rate* | Cases | Percent | Rate* | Cases | Percent | Rate* |
| Western | | | | | | | | | | | | |
| Barron | 124 | 5.9% | 272 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 124 | 5.6% | 272 |
| Buffalo | 26 | 1.2% | 194 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 26 | 1.2% | 194 |
| Burnett | 26 | 1.2% | 164 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 26 | 1.2% | 164 |
| Chippewa | 190 | 9.0% | 313 | 8 | 8.3% | 13 | 1 | 16.7% | 2 | 199 | 9.0% | 328 |
| Clark | 53 | 2.5% | 159 | 3 | 3.1% | 9 | 0 | 0.0% | 0 | 56 | 2.5% | 168 |
| Douglas | 132 | 6.2% | 298 | 6 | 6.3% | 14 | 0 | 0.0% | 0 | 138 | 6.2% | 312 |
| Dunn | 124 | 5.9% | 289 | 3 | 3.1% | 7 | 1 | 16.7% | 2 | 128 | 5.8% | 298 |
| Eau Claire | 408 | 19.3% | 410 | 4 | 4.2% | 4 | 1 | 16.7% | 1 | 413 | 18.6% | 415 |
| Jackson | 56 | 2.6% | 282 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 56 | 2.5% | 282 |
| La Crosse | 430 | 20.3% | 378 | 51 | 53.1% | 45 | 0 | 0.0% | 0 | 481 | 21.7% | 423 |
| Monroe | 148 | 7.0% | 338 | 5 | 5.2% | 11 | 0 | 0.0% | 0 | 153 | 6.9% | 350 |
| Pepin | 15 | 0.7% | 206 | 0 | 0.0% | 0 | 1 | 16.7% | 14 | 16 | 0.7% | 219 |
| Pierce | 99 | 4.7% | 247 | 3 | 3.1% | 7 | 1 | 16.7% | 2 | 103 | 4.6% | 257 |
| Polk | 62 | 2.9% | 140 | 1 | 1.0% | 2 | 1 | 16.7% | 2 | 64 | 2.9% | 145 |
| Rusk | 35 | 1.7% | 244 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 35 | 1.6% | 244 |
| St. Croix | 104 | 4.9% | 125 | 11 | 11.5% | 13 | 0 | 0.0% | 0 | 115 | 5.2% | 138 |
| Trempealeau | 65 | 3.1% | 234 | 1 | 1.0% | 4 | 0 | 0.0% | 0 | 66 | 3.0% | 238 |
| Washburn | 20 | 0.9% | 120 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 20 | 0.9% | 120 |
| Region total | 2,117 | 100.0% | 276 | 96 | 100.0% | 13 | 6 | 100.0% | 1 | 2,219 | 100.0% | 289 |
| Total | 2,117 | 100.0% | 276 | 96 | 100.0% | 13 | 6 | 100.0% | 1 | 2,219 | 100.0% | 289 |

** Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2011
Unadjusted* and imputed cases per 100,000 population by race**
Western Region

| | White | | African American | | American Indian | | Asian/Pacific Islander | |
|--------------|-------------|-----------|------------------|-----------|-----------------|-----------|------------------------|-----------|
| | Unadjusted* | Imputed** | Unadjusted* | Imputed** | Unadjusted* | Imputed** | Unadjusted* | Imputed** |
| Chlamydia | 210 | 245 | 1,303 | 1,525 | 432 | 487 | 288 | 386 |
| Gonorrhea | 7 | 8 | 233 | 251 | 0 | 0 | 16 | 16 |
| Syphilis | 1 | 1 | 14 | 14 | 0 | 0 | 0 | 0 |
| Total | 219 | 254 | 1,550 | 1,790 | 432 | 487 | 304 | 402 |

* The unadjusted rate is the number reported cases with specified race per 100,000 population. Because some cases are reported without specified race, the unadjusted rate under-estimates 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.

Technical notes

1. These reports are compiled by the Wisconsin STD Program 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 report supercedes all previous reports.
3. Reporting of STDs 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 underestimate 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.

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