

Sexually Transmitted Disease in Wisconsin 2016



Wisconsin sexually transmitted disease surveillance report, 2016

Western Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	2,545	100.0%	333	139	100.0%	18	26	100.0%	3	2,710	100.0%	355
Sex												
Male	744	29.2%	196	76	54.7%	20	23	88.5%	6	843	31.1%	222
Female	1,798	70.6%	470	63	45.3%	16	3	11.5%	1	1,864	68.8%	487
Unknown	3	0.1%	-	0	0.0%	-	0	0.0%	-	3	0.1%	-
Race												
White	1,978	77.7%	268	95	68.3%	13	19	73.1%	3	2,092	77.2%	283
African American	108	4.2%	1,568	22	15.8%	319	3	11.5%	44	133	4.9%	1,931
American Indian	44	1.7%	605	7	5.0%	96	1	3.8%	14	52	1.9%	715
Asian/Pacific Islander	58	2.3%	516	4	2.9%	36	0	0.0%	0	62	2.3%	552
Other	43	1.7%	-	4	2.9%	-	1	3.8%	-	48	1.8%	-
Unknown	314	12.3%	-	7	5.0%	-	2	7.7%	-	323	11.9%	-
Hispanic ethnicity												
Hispanic	101	4.0%	964	8	5.8%	76	1	3.8%	10	110	4.1%	1,050
Not Hispanic	1,973	77.5%	262	108	77.7%	14	24	92.3%	3	2,105	77.7%	280
Unknown	471	18.5%	-	23	16.5%	-	1	3.8%	-	495	18.3%	-
Age												
0-4	2	0.1%	4	0	0.0%	0	0	0.0%	0	2	0.1%	4
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	8	0.3%	17	1	0.7%	2	0	0.0%	0	9	0.3%	19
15-19	636	25.0%	1,139	29	20.9%	52	0	0.0%	0	665	24.5%	1,191
20-24	1,117	43.9%	1,821	41	29.5%	67	9	34.6%	15	1,167	43.1%	1,903
25-29	448	17.6%	801	27	19.4%	48	4	15.4%	7	479	17.7%	856
30-34	180	7.1%	396	22	15.8%	48	2	7.7%	4	204	7.5%	449
35-39	86	3.4%	182	8	5.8%	17	1	3.8%	2	95	3.5%	202
40-44	38	1.5%	75	4	2.9%	8	3	11.5%	6	45	1.7%	89
45-49	16	0.6%	27	4	2.9%	7	1	3.8%	2	21	0.8%	36
50+	13	0.5%	5	3	2.2%	1	6	23.1%	2	22	0.8%	9
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	2,545	100.0%	333	139	100.0%	18	26	100.0%	3	2,710	100.0%	355
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

Wisconsin sexually transmitted disease surveillance report, 2016
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	137	5.4%	301	4	2.9%	9	0	0.0%	0	141	5.2%	309
Buffalo	33	1.3%	240	1	0.7%	7	0	0.0%	0	34	1.3%	247
Burnett	18	0.7%	111	1	0.7%	6	0	0.0%	0	19	0.7%	117
Chippewa	214	8.4%	354	8	5.8%	13	2	7.7%	3	224	8.3%	371
Clark	57	2.2%	170	3	2.2%	9	0	0.0%	0	60	2.2%	179
Douglas	126	5.0%	288	15	10.8%	34	3	11.5%	7	144	5.3%	329
Dunn	150	5.9%	351	5	3.6%	12	2	7.7%	5	157	5.8%	368
Eau Claire	483	19.0%	491	30	21.6%	31	3	11.5%	3	516	19.0%	525
Jackson	58	2.3%	291	9	6.5%	45	0	0.0%	0	67	2.5%	337
La Crosse	528	20.7%	469	34	24.5%	30	5	19.2%	4	567	20.9%	503
Monroe	156	6.1%	360	5	3.6%	12	0	0.0%	0	161	5.9%	371
Pepin	28	1.1%	381	0	0.0%	0	0	0.0%	0	28	1.0%	381
Pierce	146	5.7%	363	6	4.3%	15	2	7.7%	5	154	5.7%	383
Polk	95	3.7%	215	3	2.2%	7	2	7.7%	5	100	3.7%	226
Rusk	31	1.2%	215	0	0.0%	0	1	3.8%	7	32	1.2%	222
St. Croix	150	5.9%	182	11	7.9%	13	4	15.4%	5	165	6.1%	200
Trempealeau	103	4.0%	371	3	2.2%	11	2	7.7%	7	108	4.0%	389
Washburn	32	1.3%	191	1	0.7%	6	0	0.0%	0	33	1.2%	197
Region total	2,545	100.0%	333	139	100.0%	18	26	100.0%	3	2,710	100.0%	355
Total	2,545	100.0%	333	139	100.0%	18	26	100.0%	3	2,710	100.0%	355

* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016
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	268	301	1,568	1,749	605	647	516	656
Gonorrhea	13	13	319	324	96	96	36	44
Syphilis	3	3	44	44	14	21	0	0
Total	283	317	1,931	2,117	715	764	552	701

* 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.

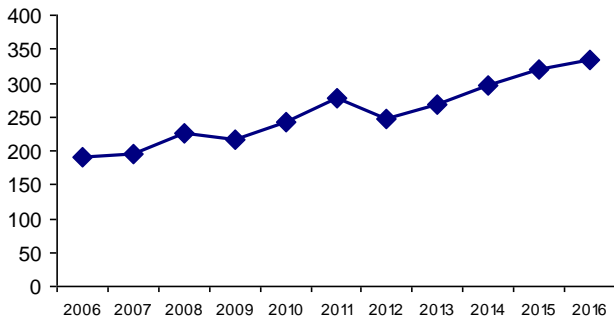
Wisconsin sexually transmitted disease surveillance report, 2016

Reported cases by year of diagnosis, past 10 years

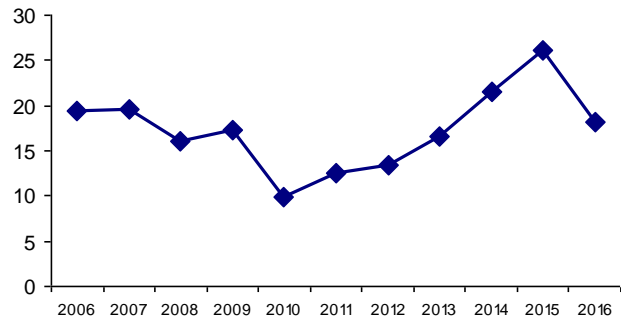
Western Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
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	217	132	17	3	0	1,793	235
2010	1,849	242	75	10	9	1	1,933	253
2011	2,117	277	96	13	6	1	2,219	291
2012	1,886	247	102	13	8	1	1,996	261
2013	2,052	269	127	17	10	1	2,191	287
2014	2,258	296	164	21	17	2	2,439	319
2015	2,441	320	199	26	17	2	2,657	348
2016	2,545	333	139	18	12	2	2,696	353

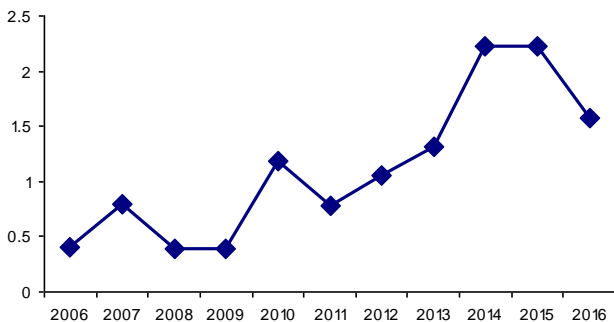
Chlamydia rate*



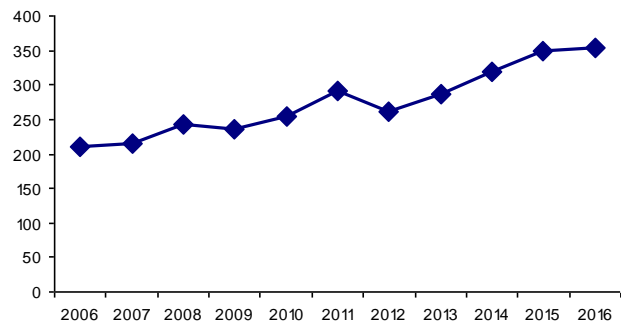
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016

Syphilis cases by disease stage

Western Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate'
Total												
Total	3	100.0%	0.4	6	100.0%	0.8	3	100.0%	0.4	12	100.0%	1.6
Sex												
Male	2	66.7%	0.5	6	100.0%	1.6	3	100.0%	0.8	11	91.7%	2.9
Female	1	33.3%	0.3	0	0.0%	0.0	0	0.0%	0.0	1	8.3%	0.3
Race												
White	2	66.7%	0.3	4	66.7%	0.5	2	66.7%	0.3	8	66.7%	1.1
African American	0	0.0%	0.0	1	16.7%	14.5	1	33.3%	14.5	2	16.7%	29.0
American Indian	0	0.0%	0.0	1	16.7%	13.8	0	0.0%	0.0	1	8.3%	13.8
Other	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	1	33.3%	-	0	0.0%	-	0	0.0%	-	1	8.3%	-
Hispanic ethnicity												
Hispanic	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Non Hispanic	2	66.7%	-	6	100.0%	-	3	100.0%	-	11	91.7%	-
Unknown	1	33.3%	-	0	0.0%	-	0	0.0%	-	1	8.3%	-
Age												
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	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
20-24	2	66.7%	3.3	1	16.7%	1.6	2	66.7%	3.3	5	41.7%	8.2
25-29	1	33.3%	1.8	0	0.0%	0.0	0	0.0%	0.0	1	8.3%	1.8
30-34	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
35-39	0	0.0%	0.0	1	16.7%	2.1	0	0.0%	0.0	1	8.3%	2.1
40-44	0	0.0%	0.0	2	33.3%	3.9	1	33.3%	2.0	3	25.0%	5.9
45-49	0	0.0%	0.0	1	16.7%	1.7	0	0.0%	0.0	1	8.3%	1.7
50+	0	0.0%	0.0	1	16.7%	0.4	0	0.0%	0.0	1	8.3%	0.4
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, 2016

Syphilis cases by disease stage

Western Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	14	100.0%	1.8	0	-	0.0	0	0.0%	0.0	26	100.0%	3.4
Sex												
Male	12	85.7%	3.2	0	-	0.0	0	0.0%	0.0	23	88.5%	6.0
Female	2	14.3%	0.5	0	-	0.0	0	0.0%	0.0	3	11.5%	0.8
Race												
White	11	78.6%	1.5	0	-	0.0	0	0.0%	0.0	19	73.1%	2.6
African American	1	7.1%	14.5	0	-	0.0	0	0.0%	0.0	3	11.5%	43.6
American Indian	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	3.8%	13.8
Other	1	7.1%	-	0	-	-	0	0.0%	-	1	3.8%	-
Unknown	1	7.1%	-	0	-	-	0	0.0%	-	2	7.7%	-
Hispanic ethnicity												
Hispanic	1	7.1%	9.5	0	-	0.0	0	0.0%	0.0	1	3.8%	9.5
Non Hispanic	13	92.9%	-	0	-	-	0	0.0%	-	24	92.3%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	1	3.8%	-
Age												
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	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
20-24	4	28.6%	6.5	0	0.0%	0.0	0	0.0%	0.0	9	34.6%	14.7
25-29	3	21.4%	5.4	0	0.0%	0.0	0	0.0%	0.0	4	15.4%	7.2
30-34	2	14.3%	4.4	0	0.0%	0.0	0	0.0%	0.0	2	7.7%	4.4
35-39	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	3.8%	2.1
40-44	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	3	11.5%	5.9
45-49	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	3.8%	1.7
50+	5	35.7%	2.0	0	0.0%	0.0	0	0.0%	0.0	6	23.1%	2.4
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 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 it 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:

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