

Sexually Transmitted Disease in Wisconsin 2016



Wisconsin sexually transmitted disease surveillance report, 2016

Northern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	1,218	100.0%	252	48	100.0%	10	9	100.0%	2	1,275	100.0%	264
Sex												
Male	358	29.4%	148	25	52.1%	10	8	88.9%	3	391	30.7%	162
Female	860	70.6%	355	23	47.9%	9	1	11.1%	0	884	69.3%	364
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Race												
White	771	63.3%	168	18	37.5%	4	6	66.7%	1	795	62.4%	174
African American	80	6.6%	2,392	13	27.1%	389	1	11.1%	30	94	7.4%	2,811
American Indian	33	2.7%	269	5	10.4%	41	0	0.0%	0	38	3.0%	309
Asian/Pacific Islander	27	2.2%	267	1	2.1%	10	0	0.0%	0	28	2.2%	277
Other	16	1.3%	-	0	0.0%	-	0	0.0%	-	16	1.3%	-
Unknown	291	23.9%	-	11	22.9%	-	2	22.2%	-	304	23.8%	-
Hispanic ethnicity												
Hispanic	45	3.7%	659	1	2.1%	15	1	11.1%	15	47	3.7%	688
Not Hispanic	790	64.9%	166	30	62.5%	6	8	88.9%	2	828	64.9%	174
Unknown	383	31.4%	-	17	35.4%	-	0	0.0%	-	400	31.4%	-
Age												
0-4	0	0.0%	0	0	0.0%	0	1	11.1%	4	1	0.1%	4
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	8	0.7%	27	0	0.0%	0	0	0.0%	0	8	0.6%	27
15-19	336	27.6%	1,005	9	18.8%	27	0	0.0%	0	345	27.1%	1,032
20-24	491	40.3%	1,548	13	27.1%	41	2	22.2%	6	506	39.7%	1,595
25-29	206	16.9%	653	11	22.9%	35	2	22.2%	6	219	17.2%	694
30-34	100	8.2%	387	5	10.4%	19	2	22.2%	8	107	8.4%	414
35-39	41	3.4%	145	7	14.6%	25	0	0.0%	0	48	3.8%	170
40-44	14	1.1%	42	0	0.0%	0	1	11.1%	3	15	1.2%	45
45-49	10	0.8%	26	3	6.3%	8	0	0.0%	0	13	1.0%	33
50+	11	0.9%	6	0	0.0%	0	1	11.1%	1	12	0.9%	7
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	1,218	100.0%	252	48	100.0%	10	9	100.0%	2	1,275	100.0%	264
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	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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
Northern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northern												
Ashland	42	3.4%	258	0	0.0%	0	0	0.0%	0	42	3.3%	258
Bayfield	20	1.6%	134	1	2.1%	7	0	0.0%	0	21	1.6%	141
Florence	4	0.3%	86	0	0.0%	0	0	0.0%	0	4	0.3%	86
Forest	31	2.5%	315	5	10.4%	51	0	0.0%	0	36	2.8%	366
Iron	7	0.6%	113	0	0.0%	0	0	0.0%	0	7	0.5%	113
Langlade	27	2.2%	134	0	0.0%	0	0	0.0%	0	27	2.1%	134
Lincoln	67	5.5%	227	2	4.2%	7	0	0.0%	0	69	5.4%	234
Marathon	375	30.8%	286	16	33.3%	12	3	33.3%	2	394	30.9%	301
Oneida	61	5.0%	169	1	2.1%	3	0	0.0%	0	62	4.9%	172
Portage	221	18.1%	321	9	18.8%	13	2	22.2%	3	232	18.2%	337
Price	28	2.3%	196	0	0.0%	0	0	0.0%	0	28	2.2%	196
Sawyer	29	2.4%	169	3	6.3%	18	0	0.0%	0	32	2.5%	187
Taylor	47	3.9%	243	1	2.1%	5	0	0.0%	0	48	3.8%	249
Vilas	27	2.2%	123	0	0.0%	0	0	0.0%	0	27	2.1%	123
Wood	232	19.0%	315	10	20.8%	14	4	44.4%	5	246	19.3%	334
Region total	1,218	100.0%	252	48	100.0%	10	9	100.0%	2	1,275	100.0%	264
Total	1,218	100.0%	252	48	100.0%	10	9	100.0%	2	1,275	100.0%	264

* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016
Unadjusted* and imputed cases per 100,000 population by race**
Northern Region

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	168	211	2,392	3,342	269	295	267	294
Gonorrhea	4	4	389	404	41	41	10	10
Syphilis	1	1	30	30	0	0	0	0
Total	174	216	2,811	3,776	309	336	277	304

* 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.

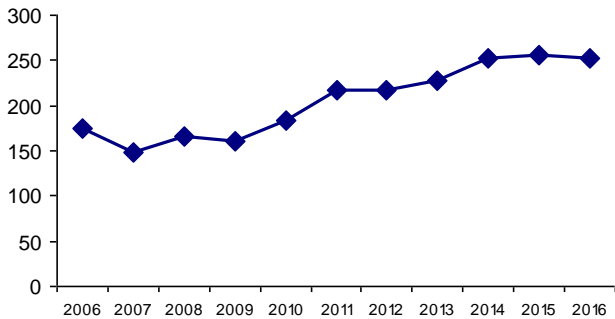
Wisconsin sexually transmitted disease surveillance report, 2016

Reported cases by year of diagnosis, past 10 years

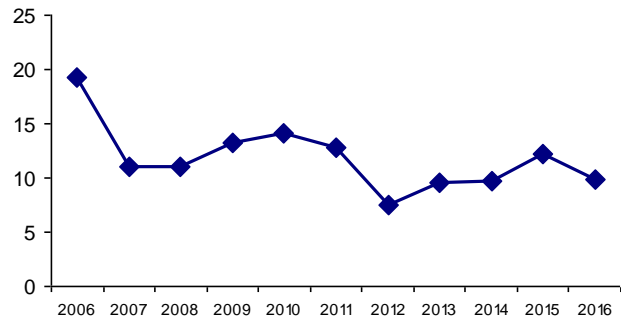
Northern Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2007	713	148	53	11	4	1	770	159
2008	802	166	53	11	1	0	856	177
2009	773	160	64	13	1	0	838	173
2010	887	183	68	14	4	1	959	198
2011	1,054	218	62	13	8	2	1,124	232
2012	1,051	217	36	7	5	1	1,092	226
2013	1,100	227	46	10	10	2	1,156	239
2014	1,223	253	47	10	2	0	1,272	263
2015	1,239	256	59	12	4	1	1,302	269
2016	1,218	252	48	10	4	2	1,271	263

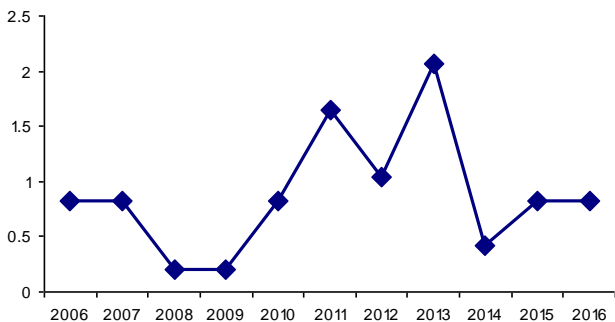
Chlamydia rate*



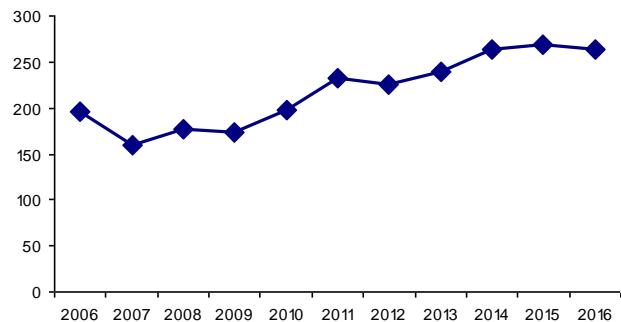
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016

Syphilis cases by disease stage

Northern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate'
Total												
Total	2	100.0%	0.4	1	100.0%	0.2	1	100.0%	0.2	4	100.0%	0.8
Sex												
Male	2	100.0%	0.8	1	100.0%	0.4	1	100.0%	0.4	4	100.0%	1.7
Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Race												
White	2	100.0%	0.4	1	100.0%	0.2	1	100.0%	0.2	4	100.0%	0.9
African American	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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	100.0%	-	1	100.0%	-	1	100.0%	-	4	100.0%	-
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	1	50.0%	3.2	0	0.0%	0.0	0	0.0%	0.0	1	25.0%	3.2
25-29	1	50.0%	3.2	1	100.0%	3.2	0	0.0%	0.0	2	50.0%	6.3
30-34	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	3.9	1	25.0%	3.9
35-39	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
40-44	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
45-49	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
50+	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
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

Northern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	5	100.0%	1.0	0	-	0.0	0	0.0%	0.0	9	100.0%	1.9
Sex												
Male	4	80.0%	1.7	0	-	0.0	0	0.0%	0.0	8	88.9%	3.3
Female	1	20.0%	0.4	0	-	0.0	0	0.0%	0.0	1	11.1%	0.4
Race												
White	2	40.0%	0.4	0	-	0.0	0	0.0%	0.0	6	66.7%	1.3
African American	1	20.0%	29.9	0	-	0.0	0	0.0%	0.0	1	11.1%	29.9
Unknown	2	40.0%	-	0	-	-	0	0.0%	-	2	22.2%	-
Hispanic ethnicity												
Hispanic	1	20.0%	14.6	0	-	0.0	0	0.0%	0.0	1	11.1%	14.6
Non Hispanic	4	80.0%	-	0	-	-	0	0.0%	-	8	88.9%	-
Age												
0-4	1	20.0%	3.7	0	0.0%	0.0	0	0.0%	0.0	1	11.1%	3.7
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	1	20.0%	3.2	0	0.0%	0.0	0	0.0%	0.0	2	22.2%	6.3
25-29	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	2	22.2%	6.3
30-34	1	20.0%	3.9	0	0.0%	0.0	0	0.0%	0.0	2	22.2%	7.7
35-39	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
40-44	1	20.0%	3.0	0	0.0%	0.0	0	0.0%	0.0	1	11.1%	3.0
45-49	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
50+	1	20.0%	0.6	0	0.0%	0.0	0	0.0%	0.0	1	11.1%	0.6
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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