

Sexually Transmitted Disease in Wisconsin 2017



Wisconsin sexually transmitted disease surveillance report, 2017

Northern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	1,276	100.0%	264	139	100.0%	29	10	100.0%	2	1,425	100.0%	295
Sex												
Male	377	29.5%	156	75	54.0%	31	10	100.0%	4	462	32.4%	192
Female	899	70.5%	371	64	46.0%	26	0	0.0%	0	963	67.6%	397
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Race												
White	823	64.5%	180	64	46.0%	14	8	80.0%	2	895	62.8%	195
African American	79	6.2%	2,362	31	22.3%	927	1	10.0%	30	111	7.8%	3,319
American Indian	58	4.5%	472	7	5.0%	57	0	0.0%	0	65	4.6%	529
Asian/Pacific Islander	40	3.1%	396	7	5.0%	69	1	10.0%	10	48	3.4%	475
Other	23	1.8%	-	2	1.4%	-	0	0.0%	-	25	1.8%	-
Unknown	253	19.8%	-	28	20.1%	-	0	0.0%	-	281	19.7%	-
Hispanic ethnicity												
Hispanic	39	3.1%	571	2	1.4%	29	1	10.0%	15	42	2.9%	615
Not Hispanic	835	65.4%	175	98	70.5%	21	9	90.0%	2	942	66.1%	198
Unknown	402	31.5%	-	39	28.1%	-	0	0.0%	-	441	30.9%	-
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	3	0.2%	10	1	0.7%	3	0	0.0%	0	4	0.3%	13
15-19	339	26.6%	1,014	23	16.5%	69	0	0.0%	0	362	25.4%	1,083
20-24	514	40.3%	1,620	41	29.5%	129	3	30.0%	9	558	39.2%	1,759
25-29	220	17.2%	697	24	17.3%	76	2	20.0%	6	246	17.3%	780
30-34	101	7.9%	391	18	12.9%	70	1	10.0%	4	120	8.4%	464
35-39	52	4.1%	184	13	9.4%	46	3	30.0%	11	68	4.8%	241
40-44	16	1.3%	48	5	3.6%	15	0	0.0%	0	21	1.5%	63
45-49	15	1.2%	39	1	0.7%	3	0	0.0%	0	16	1.1%	41
50+	16	1.3%	9	13	9.4%	7	1	10.0%	1	30	2.1%	17
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	1,276	100.0%	264	139	100.0%	29	10	100.0%	2	1,425	100.0%	295
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, 2017
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	58	4.5%	356	2	1.4%	12	0	0.0%	0	60	4.2%	368
Bayfield	32	2.5%	214	1	0.7%	7	0	0.0%	0	33	2.3%	221
Florence	11	0.9%	236	0	0.0%	0	0	0.0%	0	11	0.8%	236
Forest	33	2.6%	335	1	0.7%	10	0	0.0%	0	34	2.4%	345
Iron	7	0.5%	113	1	0.7%	16	0	0.0%	0	8	0.6%	129
Langlade	35	2.7%	174	4	2.9%	20	0	0.0%	0	39	2.7%	193
Lincoln	49	3.8%	166	12	8.6%	41	0	0.0%	0	61	4.3%	207
Marathon	363	28.4%	277	48	34.5%	37	4	40.0%	3	415	29.1%	317
Oneida	73	5.7%	203	2	1.4%	6	0	0.0%	0	75	5.3%	208
Portage	250	19.6%	364	20	14.4%	29	3	30.0%	4	273	19.2%	397
Price	25	2.0%	175	0	0.0%	0	1	10.0%	7	26	1.8%	182
Sawyer	28	2.2%	164	4	2.9%	23	0	0.0%	0	32	2.2%	187
Taylor	39	3.1%	202	3	2.2%	16	0	0.0%	0	42	2.9%	218
Vilas	34	2.7%	155	5	3.6%	23	0	0.0%	0	39	2.7%	178
Wood	239	18.7%	324	36	25.9%	49	2	20.0%	3	277	19.4%	376
Region total	1,276	100.0%	264	139	100.0%	29	10	100.0%	2	1,425	100.0%	295
Total	1,276	100.0%	264	139	100.0%	29	10	100.0%	2	1,425	100.0%	295

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017
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	180	222	2,362	2,929	472	542	396	444
Gonorrhea	14	16	927	962	57	57	69	69
Syphilis	2	2	30	30	0	0	10	10
Total	195	240	3,319	3,921	529	599	475	523

* 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 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.

Wisconsin sexually transmitted disease surveillance report, 2017

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	1	100.0%	0.2	4	100.0%	0.8	1	100.0%	0.2	6	100.0%	1.2
Sex												
Male	1	100.0%	0.4	4	100.0%	1.7	1	100.0%	0.4	6	100.0%	2.5
Race												
White	1	100.0%	0.2	3	75.0%	0.7	1	100.0%	0.2	5	83.3%	1.1
African American	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	25.0%	9.9	0	0.0%	0.0	1	16.7%	9.9
Hispanic ethnicity												
Hispanic	1	100.0%	14.6	0	0.0%	0.0	0	0.0%	0.0	1	16.7%	14.6
Non Hispanic	0	0.0%	-	4	100.0%	-	1	100.0%	-	5	83.3%	-
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	1	100.0%	3.2	0	0.0%	0.0	0	0.0%	0.0	1	16.7%	3.2
25-29	0	0.0%	0.0	1	25.0%	3.2	1	100.0%	3.2	2	33.3%	6.3
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	2	50.0%	7.1	0	0.0%	0.0	2	33.3%	7.1
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	1	25.0%	0.6	0	0.0%	0.0	1	16.7%	0.6
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, 2017

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	4	100.0%	0.8	0	-	0.0	0	0.0%	0.0	10	100.0%	2.1
Sex												
Male	4	100.0%	1.7	0	-	0.0	0	0.0%	0.0	10	100.0%	4.1
Race												
White	3	75.0%	0.7	0	-	0.0	0	0.0%	0.0	8	80.0%	1.7
African American	1	25.0%	29.9	0	-	0.0	0	0.0%	0.0	1	10.0%	29.9
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	10.0%	9.9
Hispanic ethnicity												
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	10.0%	14.6
Non Hispanic	4	100.0%	-	0	-	-	0	0.0%	-	9	90.0%	-
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	2	50.0%	6.3	0	0.0%	0.0	0	0.0%	0.0	3	30.0%	9.5
25-29	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	2	20.0%	6.3
30-34	1	25.0%	3.9	0	0.0%	0.0	0	0.0%	0.0	1	10.0%	3.9
35-39	1	25.0%	3.5	0	0.0%	0.0	0	0.0%	0.0	3	30.0%	10.6
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	1	10.0%	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.

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