

Sexually Transmitted Disease in Wisconsin 2019



Wisconsin sexually transmitted disease surveillance report, 2019

Northern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	1,345	100.0%	278	226	100.0%	47	12	100.0%	2	1,586	100.0%	328
Sex												
Male	390	29.0%	162	91	40.3%	38	9	75.0%	4	490	30.9%	203
Female	953	70.9%	393	135	59.7%	56	3	25.0%	1	1,094	69.0%	451
Unknown	2	0.1%	-	0	0.0%	-	0	0.0%	-	2	0.1%	-
Race												
White	903	67.1%	197	135	59.7%	29	7	58.3%	2	1,048	66.1%	229
African American	80	5.9%	2,392	47	20.8%	1,406	2	16.7%	60	129	8.1%	3,858
American Indian	88	6.5%	716	15	6.6%	122	0	0.0%	0	103	6.5%	838
Asian/Pacific Islander	27	2.0%	267	5	2.2%	49	0	0.0%	0	32	2.0%	317
Other	36	2.7%	-	3	1.3%	-	0	0.0%	-	39	2.5%	-
Unknown	211	15.7%	-	21	9.3%	-	0	0.0%	-	232	14.6%	-
Hispanic ethnicity												
Hispanic	58	4.3%	849	10	4.4%	146	0	0.0%	0	68	4.3%	996
Not Hispanic	826	61.4%	173	170	75.2%	36	3	25.0%	1	1,000	63.1%	210
Unknown	461	34.3%	-	46	20.4%	-	0	0.0%	-	509	32.1%	-
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	12	0.9%	40	0	0.0%	0	0	0.0%	0	12	0.8%	40
15-19	391	29.1%	1,170	36	15.9%	108	0	0.0%	0	428	27.0%	1,280
20-24	515	38.3%	1,623	61	27.0%	192	2	16.7%	6	578	36.4%	1,822
25-29	233	17.3%	739	52	23.0%	165	3	25.0%	10	288	18.2%	913
30-34	104	7.7%	403	35	15.5%	135	1	8.3%	4	141	8.9%	546
35-39	49	3.6%	173	21	9.3%	74	3	25.0%	11	73	4.6%	258
40-44	28	2.1%	84	11	4.9%	33	0	0.0%	0	40	2.5%	120
45-49	7	0.5%	18	7	3.1%	18	1	8.3%	3	15	0.9%	39
50+	6	0.4%	3	3	1.3%	2	2	16.7%	1	11	0.7%	6
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	1,345	100.0%	278	226	100.0%	47	12	100.0%	2	1,586	100.0%	328
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, 2019
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	61	4.5%	374	8	3.5%	49	0	0.0%	0	69	4.4%	423
Bayfield	31	2.3%	208	4	1.8%	27	0	0.0%	0	35	2.2%	234
Florence	9	0.7%	193	0	0.0%	0	0	0.0%	0	9	0.6%	193
Forest	40	3.0%	406	10	4.4%	102	1	8.3%	10	51	3.2%	518
Iron	14	1.0%	226	2	0.9%	32	0	0.0%	0	16	1.0%	258
Langlade	46	3.4%	228	2	0.9%	10	0	0.0%	0	48	3.0%	238
Lincoln	64	4.8%	217	13	5.8%	44	1	8.3%	3	78	4.9%	264
Marathon	381	28.3%	291	122	54.0%	93	6	50.0%	5	509	32.1%	389
Oneida	88	6.5%	244	8	3.5%	22	1	8.3%	3	97	6.1%	269
Portage	250	18.6%	364	30	13.3%	44	0	0.0%	0	280	17.7%	407
Price	22	1.6%	154	1	0.4%	7	1	8.3%	7	24	1.5%	168
Sawyer	31	2.3%	181	4	1.8%	23	0	0.0%	0	35	2.2%	204
Taylor	31	2.3%	161	1	0.4%	5	0	0.0%	0	32	2.0%	166
Vilas	36	2.7%	164	5	2.2%	23	1	8.3%	5	42	2.6%	192
Wood	241	17.9%	327	16	7.1%	22	1	8.3%	1	261	16.5%	354
Region total	1,345	100.0%	278	226	100.0%	47	12	100.0%	2	1,586	100.0%	328
Total	1,345	100.0%	278	226	100.0%	47	12	100.0%	2	1,586	100.0%	328

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2019
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	197	237	2,392	2,678	716	817	267	336
Gonorrhea	29	32	1,406	1,459	122	138	49	75
Other	1	1	0	0	0	0	0	0
SYPHILIS	2	2	60	60	0	0	0	0
Total	229	271	3,858	4,197	838	955	317	410

* 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, 2019

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												
Native Hawaiian or Other	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Black or African American	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
White	0	0.0%	0.0	1	100.0%	0.2	1	100.0%	0.2	2	50.0%	0.4
African American	2	100.0%	59.8	0	0.0%	0.0	0	0.0%	0.0	2	50.0%	59.8
Hispanic ethnicity												
Hispanic or Latino	0	0.0%	-	0	0.0%	-	1	100.0%	-	1	25.0%	-
Not Hispanic or Latino	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Non Hispanic	2	100.0%	-	1	100.0%	-	0	0.0%	-	3	75.0%	-
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	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	3.2	1	25.0%	3.2
25-29	1	50.0%	3.2	0	0.0%	0.0	0	0.0%	0.0	1	25.0%	3.2
30-34	1	50.0%	3.9	0	0.0%	0.0	0	0.0%	0.0	1	25.0%	3.9
35-39	0	0.0%	0.0	1	100.0%	3.5	0	0.0%	0.0	1	25.0%	3.5
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, 2019

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	8	100.0%	1.7	0	-	0.0	0	0.0%	0.0	12	100.0%	2.5
Sex												
Male	5	62.5%	2.1	0	-	0.0	0	0.0%	0.0	9	75.0%	3.7
Female	3	37.5%	1.2	0	-	0.0	0	0.0%	0.0	3	25.0%	1.2
Race												
Native Hawaiian or Other	1	12.5%	-	0	-	-	0	0.0%	-	1	8.3%	-
Black or African American	2	25.0%	-	0	-	-	0	0.0%	-	2	16.7%	-
White	5	62.5%	1.1	0	-	0.0	0	0.0%	0.0	7	58.3%	1.5
African American	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	2	16.7%	59.8
Hispanic ethnicity												
Hispanic or Latino	0	0.0%	-	0	-	-	0	0.0%	-	1	8.3%	-
Not Hispanic or Latino	8	100.0%	-	0	-	-	0	0.0%	-	8	66.7%	-
Non Hispanic	0	0.0%	-	0	-	-	0	0.0%	-	3	25.0%	-
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	12.5%	3.2	0	0.0%	0.0	0	0.0%	0.0	2	16.7%	6.3
25-29	2	25.0%	6.3	0	0.0%	0.0	0	0.0%	0.0	3	25.0%	9.5
30-34	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	8.3%	3.9
35-39	2	25.0%	7.1	0	0.0%	0.0	0	0.0%	0.0	3	25.0%	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	1	12.5%	2.6	0	0.0%	0.0	0	0.0%	0.0	1	8.3%	2.6
50+	2	25.0%	1.1	0	0.0%	0.0	0	0.0%	0.0	2	16.7%	1.1
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:

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