

Sexually Transmitted Disease in Wisconsin 2018



Wisconsin sexually transmitted disease surveillance report, 2018

Persons 15-19 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	7,482	100.0%	1,881	1,679	100.0%	422	38	100.0%	10	9,228	100.0%	2,320
Sex												
Male	1,827	24.4%	893	663	39.5%	324	23	60.5%	11	2,513	27.2%	1,228
Female	5,648	75.5%	2,924	1,013	60.3%	525	15	39.5%	8	6,705	72.6%	3,472
Unknown	7	0.1%	-	3	0.2%	-	0	0.0%	-	10	0.1%	-
Race												
White	3,176	42.4%	922	340	20.3%	99	9	23.7%	3	3,534	38.3%	1,026
African American	2,952	39.5%	8,039	1,073	63.9%	2,922	27	71.1%	74	4,067	44.1%	11,075
American Indian	126	1.7%	2,301	14	0.8%	256	0	0.0%	0	140	1.5%	2,556
Asian/Pacific Islander	89	1.2%	801	15	0.9%	135	1	2.6%	9	106	1.1%	954
Other	327	4.4%	-	50	3.0%	-	1	2.6%	-	382	4.1%	-
Unknown	812	10.9%	-	187	11.1%	-	0	0.0%	-	999	10.8%	-
Hispanic ethnicity												
Hispanic	648	8.7%	2,785	88	5.2%	378	4	10.5%	17	745	8.1%	3,202
Not Hispanic	5,233	69.9%	1,397	1,263	75.2%	337	34	89.5%	9	6,554	71.0%	1,750
Unknown	1,601	21.4%	-	328	19.5%	-	0	0.0%	-	1,929	20.9%	-
Age												
0-4	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%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	7,482	100.0%	1,881	1,679	100.0%	422	38	100.0%	10	9,228	100.0%	2,320
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	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%	-
45-49	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%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	1,128	15.1%	1,365	142	8.5%	172	3	7.9%	4	1,273	13.8%	1,541
Northern	307	4.1%	918	19	1.1%	57	1	2.6%	3	328	3.6%	981
Southeastern	4,171	55.7%	2,878	1,250	74.4%	862	29	76.3%	20	5,477	59.4%	3,780
Southern	1,237	16.5%	1,527	186	11.1%	230	2	5.3%	2	1,426	15.5%	1,761
Western	639	8.5%	1,144	82	4.9%	147	3	7.9%	5	724	7.8%	1,296
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, 2018
Reported cases by region and county
Persons 15-19 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	309	4.1%	1,771	47	2.8%	269	2	5.1%	11	358	3.9%	2,052
Calumet	26	0.3%	862	4	0.2%	133	0	0.0%	0	30	0.3%	994
Door	9	0.1%	549	2	0.1%	122	0	0.0%	0	11	0.1%	672
Fond du lac	83	1.1%	1,163	14	0.8%	196	0	0.0%	0	97	1.1%	1,359
Green Lake	15	0.2%	1,390	2	0.1%	185	0	0.0%	0	17	0.2%	1,576
Kewaunee	8	0.1%	631	0	0.0%	0	0	0.0%	0	8	0.1%	631
Manitowoc	60	0.8%	1,124	9	0.5%	169	0	0.0%	0	69	0.7%	1,292
Marinette	36	0.5%	1,277	3	0.2%	106	0	0.0%	0	39	0.4%	1,383
Marquette	10	0.1%	1,178	1	0.1%	118	0	0.0%	0	11	0.1%	1,296
Menominee	14	0.2%	3,043	1	0.1%	217	0	0.0%	0	15	0.2%	3,261
Oconto	27	0.4%	1,110	0	0.0%	0	0	0.0%	0	27	0.3%	1,110
Outagamie	163	2.2%	1,308	11	0.7%	88	1	2.6%	8	175	1.9%	1,404
Shawano	39	0.5%	1,454	2	0.1%	75	0	0.0%	0	41	0.4%	1,529
Sheboygan	98	1.3%	1,287	23	1.4%	302	0	0.0%	0	121	1.3%	1,590
Waupaca	30	0.4%	898	1	0.1%	30	0	0.0%	0	31	0.3%	928
Waushara	15	0.2%	896	0	0.0%	0	0	0.0%	0	15	0.2%	896
Winnebago	186	2.5%	1,637	22	1.3%	194	0	0.0%	0	208	2.3%	1,830
Region total	1,128	15.1%	1,365	142	8.5%	172	3	7.9%	4	1,273	13.8%	1,541
Northern												
Ashland	10	0.1%	770	0	0.0%	0	0	0.0%	0	10	0.1%	770
Bayfield	6	0.1%	599	0	0.0%	0	0	0.0%	0	6	0.1%	599
Florence	1	0.0%	341	0	0.0%	0	0	0.0%	0	1	0.0%	341
Forest	13	0.2%	1,754	0	0.0%	0	0	0.0%	0	13	0.1%	1,754
Iron	4	0.1%	1,166	0	0.0%	0	0	0.0%	0	4	0.0%	1,166
Langlade	13	0.2%	1,025	1	0.1%	79	0	0.0%	0	14	0.2%	1,104
Lincoln	19	0.3%	912	3	0.2%	144	0	0.0%	0	22	0.2%	1,056
Marathon	72	1.0%	785	5	0.3%	55	1	2.6%	11	78	0.8%	851
Oneida	27	0.4%	1,263	0	0.0%	0	0	0.0%	0	27	0.3%	1,263
Portage	63	0.8%	1,066	3	0.2%	51	0	0.0%	0	67	0.7%	1,133
Price	8	0.1%	897	0	0.0%	0	0	0.0%	0	8	0.1%	897
Sawyer	6	0.1%	579	1	0.1%	97	0	0.0%	0	7	0.1%	676
Taylor	11	0.1%	896	1	0.1%	81	0	0.0%	0	12	0.1%	978
Vilas	12	0.2%	962	0	0.0%	0	0	0.0%	0	12	0.1%	962
Wood	42	0.6%	880	5	0.3%	105	0	0.0%	0	47	0.5%	984
Region total	307	4.1%	918	19	1.1%	57	1	2.6%	3	328	3.6%	981
Southeastern												
Kenosha	242	3.2%	1,874	29	1.7%	225	1	2.6%	8	272	2.9%	2,106
Milwaukee	3,278	43.8%	4,678	1,123	66.9%	1,603	28	73.7%	39	4,456	48.3%	6,360
Ozaukee	23	0.3%	367	3	0.2%	48	0	0.0%	0	26	0.3%	415
Racine	287	3.8%	2,049	63	3.8%	450	0	0.0%	0	350	3.8%	2,499
Walworth	68	0.9%	956	4	0.2%	56	0	0.0%	0	72	0.8%	1,012
Washington	74	1.0%	876	4	0.2%	47	0	0.0%	0	78	0.8%	923
Waukesha	199	2.7%	762	24	1.4%	92	0	0.0%	0	223	2.4%	854
Region total	4,171	55.7%	2,878	1,250	74.4%	862	29	76.3%	20	5,477	59.4%	3,779

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	13	0.2%	1,255	0	0.0%	0	0	0.0%	0	13	0.1%	1,255
Columbia	40	0.5%	1,168	3	0.2%	88	0	0.0%	0	44	0.5%	1,285
Crawford	14	0.2%	1,032	1	0.1%	74	0	0.0%	0	15	0.2%	1,105
Dane	594	7.9%	1,723	110	6.6%	319	2	5.1%	6	706	7.6%	2,048
Dodge	54	0.7%	978	2	0.1%	36	0	0.0%	0	56	0.6%	1,014
Grant	48	0.6%	1,095	1	0.1%	23	0	0.0%	0	49	0.5%	1,118
Green	28	0.4%	1,212	0	0.0%	0	0	0.0%	0	28	0.3%	1,212
Iowa	7	0.1%	444	1	0.1%	63	0	0.0%	0	8	0.1%	507
Jefferson	54	0.7%	880	3	0.2%	49	0	0.0%	0	57	0.6%	929
Juneau	12	0.2%	708	1	0.1%	59	0	0.0%	0	13	0.1%	767
Lafayette	8	0.1%	700	1	0.1%	87	0	0.0%	0	9	0.1%	787
Richland	25	0.3%	2,026	2	0.1%	162	0	0.0%	0	27	0.3%	2,188
Rock	272	3.6%	2,458	53	3.2%	479	0	0.0%	0	325	3.5%	2,937
Sauk	57	0.8%	1,551	3	0.2%	82	0	0.0%	0	60	0.7%	1,633
Vernon	11	0.1%	564	5	0.3%	256	0	0.0%	0	16	0.2%	820
Region total	1,237	16.5%	1,527	186	11.1%	230	2	5.3%	2	1,426	15.5%	1,761
Western												
Barron	35	0.5%	1,215	2	0.1%	69	1	2.6%	35	38	0.4%	1,319
Buffalo	3	0.0%	348	0	0.0%	0	0	0.0%	0	3	0.0%	348
Burnett	10	0.1%	1,068	0	0.0%	0	0	0.0%	0	10	0.1%	1,068
Chippewa	44	0.6%	1,103	6	0.4%	150	0	0.0%	0	50	0.5%	1,253
Clark	20	0.3%	851	0	0.0%	0	0	0.0%	0	20	0.2%	851
Douglas	37	0.5%	1,288	5	0.3%	174	0	0.0%	0	42	0.5%	1,462
Dunn	31	0.4%	785	4	0.2%	101	0	0.0%	0	35	0.4%	887
Eau Claire	118	1.6%	1,422	20	1.2%	241	1	2.6%	12	139	1.5%	1,676
Jackson	12	0.2%	953	3	0.2%	238	0	0.0%	0	15	0.2%	1,191
La Crosse	124	1.7%	1,340	27	1.6%	292	1	2.6%	11	152	1.6%	1,643
Monroe	47	0.6%	1,585	5	0.3%	169	0	0.0%	0	52	0.6%	1,753
Pepin	5	0.1%	1,022	0	0.0%	0	0	0.0%	0	5	0.1%	1,022
Pierce	26	0.3%	692	1	0.1%	27	0	0.0%	0	27	0.3%	718
Polk	43	0.6%	1,495	0	0.0%	0	0	0.0%	0	43	0.5%	1,495
Rusk	8	0.1%	847	1	0.1%	106	0	0.0%	0	9	0.1%	953
Saint Croix	48	0.6%	879	6	0.4%	110	0	0.0%	0	54	0.6%	989
Trempealeau	19	0.3%	1,078	1	0.1%	57	0	0.0%	0	20	0.2%	1,134
Washburn	9	0.1%	942	1	0.1%	105	0	0.0%	0	10	0.1%	1,047
Region total	639	8.5%	1,144	82	4.9%	147	3	7.9%	5	724	7.8%	1,296
Unknown												
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region total	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
Total	7,482	100.0%	1,881	1,679	100.0%	422	39	100.0%	10	9,229	100.0%	2,320

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2018
Unadjusted* and imputed cases per 100,000 population by race**
Persons 15-19 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	922	1,083	8,039	9,461	2,301	2,497	801	956
Gonorrhea	99	113	2,922	3,349	256	283	135	193
Other	3	4	41	43	0	0	9	9
Syphilis	3	3	74	74	0	0	9	9
Total	1,027	1,203	11,075	12,927	2,556	2,780	954	1,167

* 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, 2018

Syphilis cases by disease stage

Persons 15-19 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
Total												
Total	6	100.0%	1.5	3	100.0%	0.8	21	100.0%	5.3	30	100.0%	7.5
Sex												
Male	5	83.3%	2.4	2	66.7%	1.0	12	57.1%	5.8	19	63.3%	9.2
Female	1	16.7%	0.5	1	33.3%	0.5	9	42.9%	4.6	11	36.7%	4.7
Race												
White	2	33.3%	0.6	1	33.3%	0.3	4	19.0%	1.2	7	23.3%	2.0
African American	3	50.0%	8.2	2	66.7%	5.4	17	81.0%	46.3	22	73.3%	60.0
Asian/Pacific Islander	1	16.7%	9.0	0	0.0%	0.0	0	0.0%	0.0	1	3.3%	9.0
Other	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	1	4.8%	4.3	1	3.3%	4.3
Non Hispanic	6	100.0%	1.6	3	100.0%	0.8	20	95.2%	5.3	29	96.7%	7.7
Age												
0-4	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%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	6	100.0%	1.5	3	100.0%	0.8	21	100.0%	5.4	30	100.0%	7.6
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	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%	-
45-49	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%	-
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, 2018

Syphilis cases by disease stage

Persons 15-19 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	8	100.0%	2.1	0	-	0.0	0	0.0%	0.0	38	100.0%	9.5
Sex												
Male	4	50.0%	2.0	0	-	0.0	0	0.0%	0.0	23	60.5%	11.2
Female	4	50.0%	2.1	0	-	0.0	0	0.0%	0.0	15	39.5%	7.7
Race												
White	2	25.0%	0.6	0	-	0.0	0	0.0%	0.0	9	23.7%	2.6
African American	5	62.5%	13.6	0	-	0.0	0	0.0%	0.0	27	71.1%	73.5
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	2.6%	9.0
Other	1	12.5%	-	0	-	-	0	0.0%	-	1	2.6%	-
Hispanic ethnicity												
Hispanic	3	37.5%	12.9	0	-	0.0	0	0.0%	0.0	4	10.5%	17.2
Non Hispanic	5	62.5%	2.1	0	-	-	0	0.0%	-	34	89.5%	8.7
Age												
0-4	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%	-
10-14	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
15-19	8	100.0%	2.1	0	0.0%	0.0	0	0.0%	0.0	38	100.0%	9.5
20-24	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	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%	-
45-49	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%	-
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.
7. These reports include cases where sex of the individual is considered the gender of the person at the time of diagnosis. This may or may not be similar to the sex of the individual at the time of birth.

For more information contact:

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