

Sexually Transmitted Disease in Wisconsin 2017



Wisconsin sexually transmitted disease surveillance report, 2017

Persons 15-19 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	7,303	100.0%	1,836	1,806	100.0%	454	36	100.0%	9	9,146	100.0%	2,299
Sex												
Male	1,682	23.0%	822	695	38.5%	340	26	72.2%	13	2,403	26.3%	1,174
Female	5,615	76.9%	2,907	1,109	61.4%	574	10	27.8%	5	6,735	73.6%	3,487
Unknown	6	0.1%	-	2	0.1%	-	0	0.0%	-	8	0.1%	-
Race												
White	2,769	37.9%	804	252	14.0%	73	6	16.7%	2	3,027	33.1%	879
African American	2,496	34.2%	6,797	1,018	56.4%	2,772	25	69.4%	68	3,539	38.7%	9,637
American Indian	90	1.2%	1,643	12	0.7%	219	0	0.0%	0	102	1.1%	1,862
Asian/Pacific Islander	70	1.0%	630	9	0.5%	81	0	0.0%	0	80	0.9%	720
Other	298	4.1%	-	43	2.4%	-	1	2.8%	-	342	3.7%	-
Unknown	1,580	21.6%	-	472	26.1%	-	4	11.1%	-	2,056	22.5%	-
Hispanic ethnicity												
Hispanic	549	7.5%	2,359	83	4.6%	357	2	5.6%	9	634	6.9%	2,725
Not Hispanic	4,359	59.7%	1,164	1,016	56.3%	271	30	83.3%	8	5,406	59.1%	1,443
Unknown	2,395	32.8%	-	707	39.1%	-	4	11.1%	-	3,106	34.0%	-
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	7,303	100.0%	1,836	1,806	100.0%	454	36	100.0%	9	9,146	100.0%	2,299
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	975	13.4%	1,180	127	7.0%	154	0	0.0%	0	1,102	12.0%	1,334
Northern	339	4.6%	1,014	23	1.3%	69	0	0.0%	0	362	4.0%	1,083
Southeastern	4,124	56.5%	2,846	1,400	77.5%	966	29	80.6%	20	5,553	60.7%	3,832
Southern	1,295	17.7%	1,599	221	12.2%	273	5	13.9%	6	1,522	16.6%	1,879
Western	570	7.8%	1,020	35	1.9%	63	2	5.6%	4	607	6.6%	1,087
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

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	292	4.0%	1,674	35	1.9%	201	0	0.0%	0	327	3.6%	1,875
Calumet	26	0.4%	862	2	0.1%	66	0	0.0%	0	28	0.3%	928
Door	15	0.2%	916	0	0.0%	0	0	0.0%	0	15	0.2%	916
Fond du lac	74	1.0%	1,037	6	0.3%	84	0	0.0%	0	80	0.9%	1,121
Green Lake	6	0.1%	556	0	0.0%	0	0	0.0%	0	6	0.1%	556
Kewaunee	4	0.1%	316	1	0.1%	79	0	0.0%	0	5	0.1%	395
Manitowoc	51	0.7%	955	7	0.4%	131	0	0.0%	0	58	0.6%	1,086
Marinette	25	0.3%	887	2	0.1%	71	0	0.0%	0	27	0.3%	958
Marquette	8	0.1%	942	1	0.1%	118	0	0.0%	0	9	0.1%	1,060
Menominee	13	0.2%	2,826	1	0.1%	217	0	0.0%	0	14	0.2%	3,043
Oconto	18	0.2%	740	0	0.0%	0	0	0.0%	0	18	0.2%	740
Outagamie	147	2.0%	1,179	17	0.9%	136	0	0.0%	0	164	1.8%	1,316
Shawano	16	0.2%	597	1	0.1%	37	0	0.0%	0	17	0.2%	634
Sheboygan	97	1.3%	1,274	34	1.9%	447	0	0.0%	0	131	1.4%	1,721
Waupaca	32	0.4%	958	3	0.2%	90	0	0.0%	0	35	0.4%	1,048
Waushara	8	0.1%	478	1	0.1%	60	0	0.0%	0	9	0.1%	537
Winnebago	143	2.0%	1,258	16	0.9%	141	0	0.0%	0	159	1.7%	1,399
Region total	975	13.4%	1,180	127	7.0%	154	0	0.0%	0	1,102	12.0%	1,334
Northern												
Ashland	12	0.2%	924	0	0.0%	0	0	0.0%	0	12	0.1%	924
Bayfield	8	0.1%	799	1	0.1%	100	0	0.0%	0	9	0.1%	899
Florence	2	0.0%	683	0	0.0%	0	0	0.0%	0	2	0.0%	683
Forest	19	0.3%	2,564	0	0.0%	0	0	0.0%	0	19	0.2%	2,564
Iron	2	0.0%	583	0	0.0%	0	0	0.0%	0	2	0.0%	583
Langlade	10	0.1%	789	1	0.1%	79	0	0.0%	0	11	0.1%	868
Lincoln	18	0.2%	864	5	0.3%	240	0	0.0%	0	23	0.3%	1,104
Marathon	88	1.2%	960	3	0.2%	33	0	0.0%	0	91	1.0%	992
Oneida	17	0.2%	795	0	0.0%	0	0	0.0%	0	17	0.2%	795
Portage	66	0.9%	1,116	7	0.4%	118	0	0.0%	0	73	0.8%	1,235
Price	9	0.1%	1,009	0	0.0%	0	0	0.0%	0	9	0.1%	1,009
Sawyer	11	0.2%	1,062	1	0.1%	97	0	0.0%	0	12	0.1%	1,158
Taylor	15	0.2%	1,222	0	0.0%	0	0	0.0%	0	15	0.2%	1,222
Vilas	11	0.2%	881	2	0.1%	160	0	0.0%	0	13	0.1%	1,042
Wood	51	0.7%	1,068	3	0.2%	63	0	0.0%	0	54	0.6%	1,131
Region total	339	4.6%	1,014	23	1.3%	69	0	0.0%	0	362	4.0%	1,083
Southeastern												
Kenosha	288	3.9%	2,230	50	2.8%	387	1	2.8%	8	339	3.7%	2,624
Milwaukee	3,146	43.1%	4,490	1,220	67.6%	1,741	28	77.8%	40	4,394	48.0%	6,271
Ozaukee	33	0.5%	527	0	0.0%	0	0	0.0%	0	33	0.4%	527
Racine	330	4.5%	2,356	97	5.4%	692	0	0.0%	0	427	4.7%	3,048
Walworth	79	1.1%	1,111	6	0.3%	84	0	0.0%	0	85	0.9%	1,195
Washington	77	1.1%	912	5	0.3%	59	0	0.0%	0	82	0.9%	971
Waukesha	171	2.3%	655	22	1.2%	84	0	0.0%	0	193	2.1%	739
Region total	4,124	56.5%	2,846	1,400	77.5%	966	29	80.6%	20	5,553	60.7%	3,832

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	16	0.2%	1,544	0	0.0%	0	0	0.0%	0	16	0.2%	1,544
Columbia	34	0.5%	993	1	0.1%	29	0	0.0%	0	35	0.4%	1,022
Crawford	14	0.2%	1,032	0	0.0%	0	0	0.0%	0	14	0.2%	1,032
Dane	651	8.9%	1,888	149	8.3%	432	1	2.8%	3	802	8.8%	2,326
Dodge	51	0.7%	923	2	0.1%	36	0	0.0%	0	53	0.6%	959
Grant	47	0.6%	1,072	2	0.1%	46	1	2.8%	23	50	0.5%	1,141
Green	25	0.3%	1,082	2	0.1%	87	0	0.0%	0	27	0.3%	1,168
Iowa	6	0.1%	380	0	0.0%	0	0	0.0%	0	6	0.1%	380
Jefferson	62	0.8%	1,011	1	0.1%	16	0	0.0%	0	63	0.7%	1,027
Juneau	21	0.3%	1,240	3	0.2%	177	1	2.8%	59	25	0.3%	1,476
Lafayette	8	0.1%	700	1	0.1%	87	0	0.0%	0	9	0.1%	787
Richland	20	0.3%	1,621	2	0.1%	162	0	0.0%	0	22	0.2%	1,783
Rock	243	3.3%	2,196	52	2.9%	470	2	5.6%	18	297	3.2%	2,684
Sauk	72	1.0%	1,959	4	0.2%	109	0	0.0%	0	76	0.8%	2,068
Vernon	25	0.3%	1,281	2	0.1%	102	0	0.0%	0	27	0.3%	1,383
Region total	1,295	17.7%	1,599	221	12.2%	273	5	13.9%	6	1,522	16.6%	1,879
Western												
Barron	16	0.2%	555	1	0.1%	35	0	0.0%	0	17	0.2%	590
Buffalo	7	0.1%	813	0	0.0%	0	0	0.0%	0	7	0.1%	813
Burnett	3	0.0%	321	0	0.0%	0	0	0.0%	0	3	0.0%	321
Chippewa	46	0.6%	1,153	3	0.2%	75	0	0.0%	0	49	0.5%	1,228
Clark	23	0.3%	978	0	0.0%	0	0	0.0%	0	23	0.3%	978
Douglas	37	0.5%	1,288	2	0.1%	70	0	0.0%	0	39	0.4%	1,358
Dunn	41	0.6%	1,039	2	0.1%	51	0	0.0%	0	43	0.5%	1,089
Eau Claire	95	1.3%	1,145	8	0.4%	96	1	2.8%	12	104	1.1%	1,254
Jackson	15	0.2%	1,191	2	0.1%	159	0	0.0%	0	17	0.2%	1,350
La Crosse	88	1.2%	951	8	0.4%	86	0	0.0%	0	96	1.0%	1,037
Monroe	28	0.4%	944	1	0.1%	34	0	0.0%	0	29	0.3%	978
Pepin	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Pierce	41	0.6%	1,091	4	0.2%	106	0	0.0%	0	45	0.5%	1,197
Polk	30	0.4%	1,043	0	0.0%	0	0	0.0%	0	30	0.3%	1,043
Rusk	13	0.2%	1,377	0	0.0%	0	0	0.0%	0	13	0.1%	1,377
Saint Croix	59	0.8%	1,081	3	0.2%	55	1	2.8%	18	63	0.7%	1,154
Trempealeau	24	0.3%	1,361	1	0.1%	57	0	0.0%	0	25	0.3%	1,418
Washburn	4	0.1%	419	0	0.0%	0	0	0.0%	0	4	0.0%	419
Region total	570	7.8%	1,020	35	1.9%	63	2	5.6%	4	607	6.6%	1,087
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	7,303	100.0%	1,836	1,806	100.0%	454	36	100.0%	9	9,146	100.0%	2,299

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017
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	804	1,016	6,797	9,686	1,643	1,871	630	784
Gonorrhea	73	88	2,772	3,943	219	232	81	99
Other	0	0	0	0	0	0	9	9
Syphilis	2	2	68	68	0	0	0	0
Total	879	1,106	9,637	13,698	1,862	2,103	720	892

* 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

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	2	100.0%	0.5	6	100.0%	1.5	15	100.0%	3.8	23	100.0%	5.8
Sex												
Male	2	100.0%	1.0	6	100.0%	2.9	11	73.3%	5.4	19	82.6%	9.3
Female	0	0.0%	0.0	0	0.0%	0.0	4	26.7%	2.1	4	17.4%	2.1
Race												
White	1	50.0%	0.3	1	16.7%	0.3	1	6.7%	0.3	3	13.0%	0.9
African American	1	50.0%	2.7	5	83.3%	13.6	11	73.3%	30.0	17	73.9%	46.3
Other	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	0	0.0%	-	3	20.0%	-	3	13.0%	-
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%	-	6	100.0%	-	12	80.0%	-	20	87.0%	-
Unknown	0	0.0%	-	0	0.0%	-	3	20.0%	-	3	13.0%	-
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	2	100.0%	0.5	6	100.0%	1.5	15	100.0%	3.8	23	100.0%	5.8
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, 2017

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	12	100.0%	3.0	0	-	0.0	0	0.0%	0.0	36	100.0%	9.0
Sex												
Male	6	50.0%	2.9	0	-	0.0	0	0.0%	0.0	26	72.2%	12.7
Female	6	50.0%	3.1	0	-	0.0	0	0.0%	0.0	10	27.8%	5.2
Race												
White	2	16.7%	0.6	0	-	0.0	0	0.0%	0.0	6	16.7%	1.7
African American	8	66.7%	21.8	0	-	0.0	0	0.0%	0.0	25	69.4%	68.1
Other	1	8.3%	-	0	-	-	0	0.0%	-	1	2.8%	-
Unknown	1	8.3%	-	0	-	-	0	0.0%	-	4	11.1%	-
Hispanic ethnicity												
Hispanic	2	16.7%	8.6	0	-	0.0	0	0.0%	0.0	2	5.6%	8.6
Non Hispanic	9	75.0%	-	0	-	-	0	0.0%	-	30	83.3%	-
Unknown	1	8.3%	-	0	-	-	0	0.0%	-	4	11.1%	-
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	12	100.0%	3.0	0	0.0%	0.0	0	0.0%	0.0	36	100.0%	9.0
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.

For more information contact:

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