

Sexually Transmitted Disease in Wisconsin 2018



Wisconsin sexually transmitted disease surveillance report, 2018

Southern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	4,998	100.0%	430	1,126	100.0%	97	102	100.0%	9	6,230	100.0%	537
Sex												
Male	1,702	34.1%	292	650	57.7%	111	89	87.3%	15	2,441	39.1%	419
Female	3,286	65.7%	569	473	42.0%	82	13	12.7%	2	3,776	60.7%	654
Unknown	10	0.2%	-	3	0.3%	-	0	0.0%	-	13	0.3%	-
Race												
White	3,083	61.7%	283	599	53.2%	55	70	68.6%	7	3,755	60.3%	345
African American	1,028	20.6%	2,560	373	33.1%	929	24	23.5%	60	1,426	22.8%	3,552
American Indian	56	1.1%	918	10	0.9%	164	0	0.0%	0	66	1.1%	1,082
Asian/Pacific Islander	102	2.0%	367	26	2.3%	94	7	6.9%	25	135	2.2%	486
Other	183	3.7%	-	25	2.2%	-	1	1.0%	-	209	3.4%	-
Unknown	546	10.9%	-	93	8.3%	-	0	0.0%	-	639	10.3%	-
Hispanic ethnicity												
Hispanic	468	9.4%	971	67	6.0%	139	19	18.6%	39	555	8.9%	1,151
Not Hispanic	3,922	78.5%	352	963	85.5%	86	83	81.4%	7	4,971	79.8%	446
Unknown	608	12.2%	-	96	8.5%	-	0	0.0%	-	704	11.3%	-
Age												
0-4	2	0.0%	3	0	0.0%	0	0	0.0%	0	2	0.0%	3
5-9	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
10-14	36	0.7%	51	2	0.2%	3	0	0.0%	0	38	0.6%	54
15-19	1,237	24.7%	1,527	186	16.5%	230	2	2.0%	3	1,426	22.9%	1,761
20-24	2,001	40.0%	2,243	337	29.9%	378	22	21.6%	25	2,360	37.9%	2,645
25-29	890	17.8%	1,055	238	21.1%	282	20	19.6%	24	1,149	18.5%	1,364
30-34	408	8.2%	537	165	14.7%	217	16	15.7%	21	590	9.4%	777
35-39	200	4.0%	252	64	5.7%	81	9	8.8%	11	273	4.4%	344
40-44	86	1.7%	104	44	3.9%	53	10	9.8%	12	141	2.3%	171
45-49	54	1.1%	59	33	2.9%	36	8	7.8%	9	95	1.5%	104
50+	83	1.7%	23	57	5.1%	16	15	14.7%	4	156	2.4%	44
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	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southeastern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southern	4,998	100.0%	430	1,126	100.0%	97	102	100.0%	9	6,230	100.0%	537
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, 2018
Reported cases by region and county
Southern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	48	1.0%	236	2	0.2%	10	0	0.0%	0	50	0.8%	246
Columbia	149	3.0%	270	21	1.9%	38	1	1.0%	2	172	2.8%	312
Crawford	46	0.9%	272	12	1.1%	71	1	1.0%	6	59	0.9%	349
Dane	2,717	54.4%	563	688	61.1%	143	86	84.3%	18	3,487	56.1%	724
Dodge	210	4.2%	239	21	1.9%	24	1	0.0%	1	232	3.7%	263
Grant	155	3.1%	315	11	1.0%	22	3	2.9%	6	169	2.7%	343
Green	91	1.8%	252	6	0.5%	17	0	1.0%	0	97	1.6%	272
Iowa	38	0.8%	161	8	0.7%	34	0	0.0%	0	46	0.7%	195
Jefferson	228	4.6%	282	21	1.9%	26	0	0.0%	0	249	4.0%	308
Juneau	50	1.0%	188	4	0.4%	15	1	1.0%	4	55	0.9%	207
Lafayette	40	0.8%	252	3	0.3%	19	0	0.0%	0	43	0.7%	271
Richland	54	1.1%	300	8	0.7%	44	0	0.0%	0	62	1.0%	345
Rock	875	17.5%	546	281	25.0%	175	7	6.9%	4	1,163	18.7%	726
Sauk	257	5.1%	435	24	2.1%	41	2	2.0%	3	284	4.6%	481
Vernon	40	0.8%	138	16	1.4%	55	0	0.0%	0	56	0.9%	193
Region total	4,998	100.0%	430	1,126	100.0%	97	102	100.0%	8	6,230	100.0%	536
Total	4,998	100.0%	430	1,126	100.0%	97	102	100.0%	8	6,230	100.0%	536

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2018
Unadjusted* and imputed cases per 100,000 population by race**
Southern Region

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	283	328	2,560	2,866	918	1,182	367	447
Gonorrhea	55	59	929	960	164	165	94	129
Other	0	0	2	2	0	0	0	0
Syphilis	7	7	60	60	0	0	25	25
Total	346	394	3,550	3,889	1,082	1,348	486	601

* 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.

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Syphilis cases by disease stage

Southern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
Total												
Total	17	100.0%	1.5	17	100.0%	1.5	26	100.0%	2.1	60	100.0%	5.1
Sex												
Male	15	88.2%	2.6	16	94.1%	2.7	23	88.5%	3.9	54	90.0%	9.3
Female	2	11.8%	0.4	1	5.9%	0.2	3	11.5%	0.5	6	10.0%	1.1
Race												
White	14	82.4%	1.3	12	70.6%	1.1	19	73.1%	1.7	45	75.0%	4.2
African American	2	11.8%	5.0	3	17.6%	7.5	6	23.1%	15.0	11	18.3%	27.4
Asian/Pacific Islander	0	0.0%	0.0	2	11.8%	7.2	1	3.8%	3.6	3	5.0%	10.8
Other	1	5.9%	-	0	0.0%	-	0	0.0%	-	1	1.7%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Hispanic ethnicity												
Hispanic	2	11.8%	4.1	1	5.9%	2.1	2	7.7%	4.2	5	8.3%	10.4
Non Hispanic	15	88.2%	1.3	16	94.1%	1.4	24	92.3%	2.2	55	91.7%	4.9
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	2	11.8%	1.2	0	0.0%	0.0	1	3.8%	1.2	3	5.0%	3.8
20-24	1	5.9%	1.1	4	23.5%	4.5	6	23.1%	6.7	11	18.3%	12.3
25-29	1	5.9%	1.2	5	29.4%	5.9	7	26.9%	8.3	13	21.7%	15.4
30-34	1	5.9%	1.3	1	5.9%	1.3	6	23.1%	7.9	8	13.3%	10.5
35-39	3	17.6%	3.8	1	5.9%	1.3	1	3.8%	1.3	5	8.3%	6.3
40-44	6	35.3%	7.3	0	0.0%	0.0	1	3.8%	1.2	7	11.7%	8.5
45-49	1	5.9%	1.1	2	11.8%	2.2	0	0.0%	0.0	3	5.0%	3.3
50+	2	11.8%	0.6	4	23.5%	1.1	4	15.4%	1.2	10	16.7%	2.7
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

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Syphilis cases by disease stage

Southern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	42	100.0%	3.5	0	-	0.0	0	0.0%	0.0	102	100.0%	8.8
Sex												
Male	35	83.3%	6.0	0	-	0.0	0	0.0%	0.0	89	87.3%	15.2
Female	7	16.7%	1.2	0	-	0.0	0	0.0%	0.0	13	12.7%	2.3
Race												
White	25	59.5%	2.3	0	-	0.0	0	0.0%	0.0	70	68.6%	6.5
African American	13	31.0%	32.4	0	-	0.0	0	0.0%	0.0	24	23.5%	59.5
Asian/Pacific Islander	3	7.1%	10.8	0	-	0.0	0	0.0%	0.0	7	6.9%	25.2
Other	1	2.4%	-	0	-	-	0	0.0%	-	1	1.0%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
Hispanic ethnicity												
Hispanic	14	33.3%	29.1	0	-	0.0	0	0.0%	0.0	19	18.6%	39.4
Non Hispanic	28	66.7%	-	0	-	-	0	0.0%	-	83	81.4%	7.4
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	2	2.0%	2.5
20-24	10	23.8%	11.2	0	0.0%	0.0	0	0.0%	0.0	22	21.6%	24.7
25-29	7	16.7%	8.3	0	0.0%	0.0	0	0.0%	0.0	20	19.6%	23.7
30-34	8	19.0%	10.5	0	0.0%	0.0	0	0.0%	0.0	16	15.7%	21.0
35-39	4	9.5%	5.0	0	0.0%	0.0	0	0.0%	0.0	9	8.8%	11.3
40-44	3	7.1%	3.6	0	0.0%	0.0	0	0.0%	0.0	10	9.8%	12.1
45-49	5	11.9%	5.5	0	0.0%	0.0	0	0.0%	0.0	8	7.8%	8.8
50+	5	11.9%	1.4	0	0.0%	0.0	0	0.0%	0.0	15	14.7%	4.1
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.
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.

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