

Sexually Transmitted Disease in Wisconsin 2017



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases
STD Control Section
P-00415A (08/18)

Wisconsin sexually transmitted disease surveillance report, 2017

Southern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	4,957	100.0%	427	1,036	100.0%	89	91	100.0%	8	6,098	100.0%	525
Sex												
Male	1,695	34.2%	290	601	58.0%	103	76	83.5%	13	2,372	38.9%	406
Female	3,259	65.7%	564	435	42.0%	75	13	14.3%	2	3,721	61.0%	644
Unknown	3	0.1%	-	0	0.0%	-	2	2.2%	-	5	0.1%	-
Race												
White	2,880	58.1%	265	465	44.9%	43	72	79.1%	7	3,425	56.2%	315
African American	970	19.6%	2,415	414	40.0%	1,031	12	13.2%	30	1,396	22.9%	3,476
American Indian	39	0.8%	639	9	0.9%	147	0	0.0%	0	48	0.8%	787
Asian/Pacific Islander	105	2.1%	378	21	2.0%	76	3	3.3%	11	130	2.1%	468
Other	158	3.2%	-	17	1.6%	-	3	3.3%	-	182	3.0%	-
Unknown	805	16.2%	-	110	10.6%	-	1	1.1%	-	917	15.0%	-
Hispanic ethnicity												
Hispanic	377	7.6%	782	70	6.8%	145	11	12.1%	23	462	7.6%	958
Not Hispanic	3,683	74.3%	331	848	81.9%	76	78	85.7%	7	4,617	75.7%	415
Unknown	897	18.1%	-	118	11.4%	-	2	2.2%	-	1,019	16.7%	-
Age												
0-4	0	0.0%	0	1	0.1%	1	1	1.1%	1	2	0.0%	3
5-9	0	0.0%	0	2	0.2%	3	0	0.0%	0	2	0.0%	3
10-14	19	0.4%	27	3	0.3%	4	0	0.0%	0	22	0.4%	31
15-19	1,295	26.1%	1,599	221	21.3%	273	5	5.5%	6	1,522	25.0%	1,879
20-24	2,008	40.5%	2,251	309	29.8%	346	17	18.7%	19	2,338	38.3%	2,621
25-29	865	17.5%	1,025	209	20.2%	248	14	15.4%	17	1,090	17.9%	1,292
30-34	374	7.5%	492	119	11.5%	157	11	12.1%	14	506	8.3%	666
35-39	185	3.7%	233	72	6.9%	91	11	12.1%	14	271	4.4%	342
40-44	99	2.0%	120	43	4.2%	52	6	6.6%	7	150	2.5%	181
45-49	52	1.0%	57	30	2.9%	33	8	8.8%	9	90	1.5%	99
50+	60	1.2%	17	27	2.6%	7	18	19.8%	5	105	1.7%	29
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	4,957	100.0%	427	1,036	100.0%	89	91	100.0%	8	6,098	100.0%	525
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
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	163	3.3%	295	19	1.8%	34	3	3.3%	5	185	3.0%	335
Crawford	42	0.8%	249	1	0.1%	6	0	0.0%	0	43	0.7%	255
Dane	2,652	53.5%	549	605	58.4%	125	63	69.2%	13	3,328	54.6%	689
Dodge	171	3.4%	195	13	1.3%	15	8	8.8%	9	192	3.1%	218
Grant	182	3.7%	370	16	1.5%	32	2	2.2%	4	200	3.3%	406
Green	86	1.7%	238	5	0.5%	14	1	1.1%	3	92	1.5%	255
Iowa	40	0.8%	169	2	0.2%	8	2	2.2%	8	44	0.7%	186
Jefferson	221	4.5%	274	22	2.1%	27	4	4.4%	5	251	4.1%	311
Juneau	77	1.6%	289	7	0.7%	26	1	1.1%	4	85	1.4%	319
Lafayette	34	0.7%	214	3	0.3%	19	0	0.0%	0	37	0.6%	233
Richland	45	0.9%	250	3	0.3%	17	0	0.0%	0	48	0.8%	267
Rock	892	18.0%	557	308	29.7%	192	5	5.5%	3	1,205	19.8%	752
Sauk	240	4.8%	407	25	2.4%	42	2	2.2%	3	269	4.4%	456
Vernon	64	1.3%	220	5	0.5%	17	0	0.0%	0	69	1.1%	237
Region total	4,957	100.0%	427	1,036	100.0%	89	91	100.0%	8	6,098	100.0%	525
Total	4,957	100.0%	427	1,036	100.0%	89	91	100.0%	8	6,098	100.0%	525

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017
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	265	324	2,415	2,959	639	732	378	480
Gonorrhea	43	47	1,031	1,127	147	154	76	86
Other	1	1	0	0	0	0	4	4
Syphilis	7	7	30	30	0	0	11	11
Total	315	378	3,476	4,117	787	886	468	581

* 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

Southern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	13	100.0%	1.1	18	100.0%	1.5	20	100.0%	1.7	51	100.0%	4.4
Sex												
Male	13	100.0%	2.2	16	88.9%	2.7	19	95.0%	3.3	48	94.1%	8.2
Female	0	0.0%	0.0	2	11.1%	0.3	1	5.0%	0.2	3	5.9%	0.5
Race												
White	12	92.3%	1.1	13	72.2%	1.2	17	85.0%	1.6	42	82.4%	3.9
African American	0	0.0%	0.0	3	16.7%	7.5	2	10.0%	5.0	5	9.8%	12.4
Asian/Pacific Islander	0	0.0%	0.0	1	5.6%	3.6	1	5.0%	3.6	2	3.9%	7.2
Other	0	0.0%	-	1	5.6%	-	0	0.0%	-	1	2.0%	-
Unknown	1	7.7%	-	0	0.0%	-	0	0.0%	-	1	2.0%	-
Hispanic ethnicity												
Hispanic	2	15.4%	4.1	1	5.6%	2.1	1	5.0%	2.1	4	7.8%	8.3
Non Hispanic	11	84.6%	-	17	94.4%	-	18	90.0%	-	46	90.2%	-
Unknown	0	0.0%	-	0	0.0%	-	1	5.0%	-	1	2.0%	-
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	1	5.6%	1.2	0	0.0%	0.0	1	2.0%	1.2
20-24	2	15.4%	2.2	5	27.8%	5.6	3	15.0%	3.4	10	19.6%	11.2
25-29	3	23.1%	3.6	0	0.0%	0.0	3	15.0%	3.6	6	11.8%	7.1
30-34	3	23.1%	3.9	3	16.7%	3.9	3	15.0%	3.9	9	17.6%	11.8
35-39	2	15.4%	2.5	1	5.6%	1.3	3	15.0%	3.8	6	11.8%	7.6
40-44	1	7.7%	1.2	0	0.0%	0.0	2	10.0%	2.4	3	5.9%	3.6
45-49	1	7.7%	1.1	1	5.6%	1.1	1	5.0%	1.1	3	5.9%	3.3
50+	1	7.7%	0.3	7	38.9%	1.9	5	25.0%	1.4	13	25.5%	3.6
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

Southern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	36	100.0%	3.1	0	-	0.0	1	100.0%	0.1	91	100.0%	7.8
Sex												
Male	25	69.4%	4.3	0	-	0.0	0	0.0%	0.0	76	83.5%	13.0
Female	9	25.0%	1.6	0	-	0.0	1	100.0%	0.2	13	14.3%	2.3
Race												
White	27	75.0%	2.5	0	-	0.0	1	100.0%	0.1	72	79.1%	6.6
African American	7	19.4%	17.4	0	-	0.0	0	0.0%	0.0	12	13.2%	29.9
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	3	3.3%	10.8
Other	2	5.6%	-	0	-	-	0	0.0%	-	3	3.3%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	1	1.1%	-
Hispanic ethnicity												
Hispanic	7	19.4%	14.5	0	-	0.0	0	0.0%	0.0	11	12.1%	22.8
Non Hispanic	28	77.8%	-	0	-	-	1	100.0%	-	78	85.7%	-
Unknown	1	2.8%	-	0	-	-	0	0.0%	-	2	2.2%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	1.4	1	1.1%	1.4
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	3	8.3%	3.7	0	0.0%	0.0	0	0.0%	0.0	5	5.5%	6.2
20-24	5	13.9%	5.6	0	0.0%	0.0	0	0.0%	0.0	17	18.7%	19.1
25-29	8	22.2%	9.5	0	0.0%	0.0	0	0.0%	0.0	14	15.4%	16.6
30-34	2	5.6%	2.6	0	0.0%	0.0	0	0.0%	0.0	11	12.1%	14.5
35-39	5	13.9%	6.3	0	0.0%	0.0	0	0.0%	0.0	11	12.1%	13.9
40-44	3	8.3%	3.6	0	0.0%	0.0	0	0.0%	0.0	6	6.6%	7.3
45-49	5	13.9%	5.5	0	0.0%	0.0	0	0.0%	0.0	8	8.8%	8.8
50+	5	13.9%	1.4	0	0.0%	0.0	0	0.0%	0.0	18	19.8%	5.0
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.

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