

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

Southeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	14,388	100.0%	714	5,511	100.0%	274	335	100.0%	17	20,242	100.0%	1,005
Sex												
Male	4,642	32.3%	469	2,848	51.7%	288	279	83.3%	28	7,769	38.4%	785
Female	9,732	67.6%	950	2,657	48.2%	259	54	16.1%	5	12,451	61.5%	1,215
Unknown	14	0.1%	-	6	0.1%	-	2	0.6%	-	22	0.1%	-
Race												
White	3,330	23.1%	201	681	12.4%	41	105	31.3%	6	4,118	20.3%	249
African American	5,934	41.2%	2,004	2,952	53.6%	997	164	49.0%	55	9,053	44.7%	3,057
American Indian	43	0.3%	311	18	0.3%	130	2	0.6%	14	64	0.3%	462
Asian/Pacific Islander	122	0.8%	239	36	0.7%	71	7	2.1%	14	166	0.8%	326
Other	631	4.4%	-	128	2.3%	-	13	3.9%	-	773	3.8%	-
Unknown	4,328	30.1%	-	1,696	30.8%	-	44	13.1%	-	6,068	30.0%	-
Hispanic ethnicity												
Hispanic	1,080	7.5%	609	235	4.3%	133	52	15.5%	29	1,367	6.8%	771
Not Hispanic	6,277	43.6%	342	2,502	45.4%	136	242	72.2%	13	9,029	44.6%	492
Unknown	7,031	48.9%	-	2,774	50.3%	-	41	12.2%	-	9,846	48.6%	-
Age												
0-4	4	0.0%	3	2	0.0%	1	2	0.6%	1	8	0.0%	6
5-9	0	0.0%	0	1	0.0%	1	0	0.0%	0	1	0.0%	1
10-14	137	1.0%	100	76	1.4%	55	1	0.3%	1	214	1.1%	156
15-19	4,124	28.7%	2,846	1,400	25.4%	966	29	8.7%	20	5,553	27.4%	3,832
20-24	5,157	35.8%	3,875	1,549	28.1%	1,164	71	21.2%	53	6,778	33.5%	5,093
25-29	2,696	18.7%	2,184	1,003	18.2%	812	89	26.6%	72	3,790	18.7%	3,070
30-34	1,124	7.8%	941	585	10.6%	490	46	13.7%	38	1,758	8.7%	1,471
35-39	567	3.9%	425	319	5.8%	239	21	6.3%	16	909	4.5%	681
40-44	256	1.8%	173	183	3.3%	124	21	6.3%	14	460	2.3%	311
45-49	124	0.9%	76	137	2.5%	84	26	7.8%	16	287	1.4%	175
50+	197	1.4%	31	256	4.6%	40	28	8.4%	4	481	2.4%	76
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	14,388	100.0%	714	5,511	100.0%	274	335	100.0%	17	20,242	100.0%	1,005
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, 2017
Reported cases by region and county
Southeastern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southeastern												
Kenosha	887	6.2%	539	226	4.1%	137	20	6.0%	12	1,134	5.6%	690
Milwaukee	10,942	76.0%	1,148	4,726	85.8%	496	286	85.4%	30	15,958	78.8%	1,674
Ozaukee	127	0.9%	148	14	0.3%	16	2	0.6%	2	143	0.7%	167
Racine	941	6.5%	472	314	5.7%	157	14	4.2%	7	1,270	6.3%	637
Walworth	352	2.4%	349	42	0.8%	42	2	0.6%	2	396	2.0%	393
Washington	296	2.1%	229	43	0.8%	33	0	0.0%	0	340	1.7%	263
Waukesha	843	5.9%	221	146	2.6%	38	11	3.3%	3	1,001	4.9%	263
Region total	14,388	100.0%	714	5,511	100.0%	274	335	100.0%	17	20,242	100.0%	1,005
Total	14,388	100.0%	714	5,511	100.0%	274	335	100.0%	17	20,242	100.0%	1,005

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017
Unadjusted* and imputed cases per 100,000 population by race**
Southeastern Region

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	201	310	2,004	3,038	311	440	239	347
Gonorrhea	41	61	997	1,481	130	167	71	109
Other	0	0	1	1	7	7	2	2
Syphilis	6	7	56	61	14	14	14	14
Total	249	379	3,058	4,581	462	629	326	472

* 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

Southeastern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	30	100.0%	1.5	57	100.0%	2.8	150	100.0%	7.4	237	100.0%	11.8
Sex												
Male	29	96.7%	2.9	52	91.2%	5.3	128	85.3%	12.9	209	88.2%	21.1
Female	1	3.3%	0.1	5	8.8%	0.5	20	13.3%	2.0	26	11.0%	2.5
Race												
White	15	50.0%	0.9	17	29.8%	1.0	45	30.0%	2.7	77	32.5%	4.7
African American	10	33.3%	3.4	30	52.6%	10.1	75	50.0%	25.3	115	48.5%	38.8
American Indian	0	0.0%	0.0	0	0.0%	0.0	1	0.7%	7.2	1	0.4%	7.2
Asian/Pacific Islander	1	3.3%	2.0	0	0.0%	0.0	1	0.7%	2.0	2	0.8%	3.9
Other	2	6.7%	-	2	3.5%	-	6	4.0%	-	10	4.2%	-
Unknown	2	6.7%	-	8	14.0%	-	22	14.7%	-	32	13.5%	-
Hispanic ethnicity												
Hispanic	4	13.3%	2.3	7	12.3%	3.9	24	16.0%	13.5	35	14.8%	19.7
Non Hispanic	24	80.0%	-	44	77.2%	-	108	72.0%	-	176	74.3%	-
Unknown	2	6.7%	-	6	10.5%	-	18	12.0%	-	26	11.0%	-
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	1	1.8%	0.7	0	0.0%	0.0	1	0.4%	0.7
15-19	1	3.3%	0.7	5	8.8%	3.4	14	9.3%	9.7	20	8.4%	13.8
20-24	7	23.3%	5.3	13	22.8%	9.8	38	25.3%	28.6	58	24.5%	43.6
25-29	9	30.0%	7.3	14	24.6%	11.3	38	25.3%	30.8	61	25.7%	49.4
30-34	3	10.0%	2.5	11	19.3%	9.2	18	12.0%	15.1	32	13.5%	26.8
35-39	2	6.7%	1.5	1	1.8%	0.7	12	8.0%	9.0	15	6.3%	11.2
40-44	1	3.3%	0.7	4	7.0%	2.7	10	6.7%	6.8	15	6.3%	10.2
45-49	3	10.0%	1.8	4	7.0%	2.4	10	6.7%	6.1	17	7.2%	10.4
50+	4	13.3%	0.6	3	5.3%	0.5	10	6.7%	1.6	17	7.2%	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.

Wisconsin sexually transmitted disease surveillance report, 2017

Syphilis cases by disease stage

Southeastern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	87	100.0%	4.3	0	-	0.0	2	100.0%	0.1	337	100.0%	16.7
Sex												
Male	69	79.3%	7.0	0	-	0.0	1	50.0%	0.1	279	82.8%	28.2
Female	18	20.7%	1.8	0	-	0.0	1	50.0%	0.1	56	16.6%	5.5
Race												
White	23	26.4%	1.4	0	-	0.0	1	50.0%	0.1	105	31.2%	6.4
African American	46	52.9%	15.5	0	-	0.0	1	50.0%	0.3	166	49.3%	56.1
American Indian	1	1.1%	7.2	0	-	0.0	0	0.0%	0.0	2	0.6%	14.4
Asian/Pacific Islander	3	3.4%	5.9	0	-	0.0	0	0.0%	0.0	7	2.1%	13.7
Other	3	3.4%	-	0	-	-	0	0.0%	-	13	3.9%	-
Unknown	11	12.6%	-	0	-	-	0	0.0%	-	44	13.1%	-
Hispanic ethnicity												
Hispanic	13	14.9%	7.3	0	-	0.0	1	50.0%	0.6	52	15.4%	29.3
Non Hispanic	60	69.0%	-	0	-	-	1	50.0%	-	244	72.4%	-
Unknown	14	16.1%	-	0	-	-	0	0.0%	-	41	12.2%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	0.0	2	100.0%	1.4	2	0.6%	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	1	0.3%	0.7
15-19	9	10.3%	6.2	0	0.0%	0.0	0	0.0%	0.0	29	8.6%	20.0
20-24	13	14.9%	9.8	0	0.0%	0.0	0	0.0%	0.0	71	21.1%	53.3
25-29	23	26.4%	18.6	0	0.0%	0.0	0	0.0%	0.0	90	26.7%	72.9
30-34	12	13.8%	10.0	0	0.0%	0.0	0	0.0%	0.0	46	13.6%	38.5
35-39	6	6.9%	4.5	0	0.0%	0.0	0	0.0%	0.0	21	6.2%	15.7
40-44	5	5.7%	3.4	0	0.0%	0.0	0	0.0%	0.0	21	6.2%	14.2
45-49	9	10.3%	5.5	0	0.0%	0.0	0	0.0%	0.0	27	8.0%	16.5
50+	10	11.5%	1.6	0	0.0%	0.0	0	0.0%	0.0	28	8.3%	4.4
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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