

Sexually Transmitted Disease in Wisconsin 2017



Wisconsin sexually transmitted disease surveillance report, 2017

Northeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	4,111	100.0%	341	665	100.0%	55	60	100.0%	5	4,840	100.0%	402
Sex												
Male	1,250	30.4%	207	289	43.5%	48	55	91.7%	9	1,594	32.9%	264
Female	2,859	69.5%	475	375	56.4%	62	5	8.3%	1	3,243	67.0%	538
Unknown	2	0.0%	-	1	0.2%	-	0	0.0%	-	3	0.1%	-
Race												
White	3,046	74.1%	266	391	58.8%	34	51	85.0%	4	3,491	72.1%	305
African American	496	12.1%	2,971	202	30.4%	1,210	5	8.3%	30	704	14.5%	4,216
American Indian	179	4.4%	872	22	3.3%	107	2	3.3%	10	203	4.2%	989
Asian/Pacific Islander	90	2.2%	386	5	0.8%	21	1	1.7%	4	96	2.0%	411
Other	126	3.1%	-	16	2.4%	-	1	1.7%	-	143	3.0%	-
Unknown	174	4.2%	-	29	4.4%	-	0	0.0%	-	203	4.2%	-
Hispanic ethnicity												
Hispanic	377	9.2%	877	51	7.7%	119	8	13.3%	19	437	9.0%	1,016
Not Hispanic	3,363	81.8%	289	579	87.1%	50	52	86.7%	4	3,997	82.6%	344
Unknown	371	9.0%	-	35	5.3%	-	0	0.0%	-	406	8.4%	-
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	17	0.4%	22	3	0.5%	4	0	0.0%	0	20	0.4%	26
15-19	975	23.7%	1,180	127	19.1%	154	0	0.0%	0	1,102	22.8%	1,334
20-24	1,659	40.4%	2,140	226	34.0%	292	8	13.3%	10	1,895	39.2%	2,445
25-29	789	19.2%	932	137	20.6%	162	12	20.0%	14	939	19.4%	1,109
30-34	367	8.9%	505	74	11.1%	102	7	11.7%	10	449	9.3%	618
35-39	159	3.9%	206	48	7.2%	62	10	16.7%	13	217	4.5%	282
40-44	68	1.7%	77	23	3.5%	26	4	6.7%	5	95	2.0%	107
45-49	33	0.8%	33	12	1.8%	12	6	10.0%	6	51	1.1%	52
50+	41	1.0%	10	15	2.3%	4	13	21.7%	3	69	1.4%	17
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	4,111	100.0%	341	665	100.0%	55	60	100.0%	5	4,840	100.0%	402
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	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
Northeastern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	1,127	27.4%	460	195	29.3%	80	13	21.7%	5	1,335	27.6%	545
Calumet	127	3.1%	284	13	2.0%	29	4	6.7%	9	144	3.0%	322
Door	47	1.1%	169	2	0.3%	7	0	0.0%	0	49	1.0%	176
Fond du lac	319	7.8%	321	64	9.6%	64	6	10.0%	6	390	8.1%	392
Green Lake	43	1.0%	232	3	0.5%	16	1	1.7%	5	47	1.0%	253
Kewaunee	33	0.8%	162	2	0.3%	10	0	0.0%	0	35	0.7%	172
Manitowoc	215	5.2%	267	33	5.0%	41	2	3.3%	2	253	5.2%	314
Marinette	112	2.7%	265	13	2.0%	31	0	0.0%	0	125	2.6%	296
Marquette	33	0.8%	219	2	0.3%	13	1	1.7%	7	36	0.7%	239
Menominee	46	1.1%	1,006	3	0.5%	66	0	0.0%	0	49	1.0%	1,072
Oconto	73	1.8%	195	3	0.5%	8	3	5.0%	8	79	1.6%	211
Outagamie	644	15.7%	368	84	12.6%	48	12	20.0%	7	740	15.3%	423
Shawano	82	2.0%	200	5	0.8%	12	1	1.7%	2	88	1.8%	215
Sheboygan	378	9.2%	330	129	19.4%	113	3	5.0%	3	510	10.5%	445
Waupaca	129	3.1%	249	7	1.1%	13	1	1.7%	2	137	2.8%	264
Waushara	42	1.0%	170	3	0.5%	12	1	1.7%	4	46	1.0%	186
Winnebago	661	16.1%	408	104	15.6%	64	12	20.0%	7	777	16.1%	479
Region total	4,111	100.0%	341	665	100.0%	55	60	100.0%	5	4,840	100.0%	402
Total	4,111	100.0%	341	665	100.0%	55	60	100.0%	5	4,840	100.0%	402

* Cases per 100,000 population.

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

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	266	285	2,971	3,115	872	930	386	399
Gonorrhea	34	35	1,210	1,251	107	112	21	23
Other	0	0	6	6	0	0	0	0
Syphilis	4	4	30	30	10	10	4	4
Total	305	325	4,216	4,402	989	1,052	411	425

* 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

Northeastern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	16	100.0%	1.3	9	100.0%	0.7	19	100.0%	1.6	44	100.0%	3.7
Sex												
Male	15	93.8%	2.5	9	100.0%	1.5	18	94.7%	3.0	42	95.5%	7.0
Female	1	6.3%	0.2	0	0.0%	0.0	1	5.3%	0.2	2	4.5%	0.3
Race												
White	12	75.0%	1.0	7	77.8%	0.6	17	89.5%	1.5	36	81.8%	3.1
African American	2	12.5%	12.0	0	0.0%	0.0	2	10.5%	12.0	4	9.1%	24.0
American Indian	2	12.5%	9.7	0	0.0%	0.0	0	0.0%	0.0	2	4.5%	9.7
Asian/Pacific Islander	0	0.0%	0.0	1	11.1%	4.3	0	0.0%	0.0	1	2.3%	4.3
Other	0	0.0%	-	1	11.1%	-	0	0.0%	-	1	2.3%	-
Hispanic ethnicity												
Hispanic	4	25.0%	9.3	1	11.1%	2.3	1	5.3%	2.3	6	13.6%	14.0
Non Hispanic	12	75.0%	-	8	88.9%	-	18	94.7%	-	38	86.4%	-
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	0	0.0%	0.0
20-24	3	18.8%	3.9	0	0.0%	0.0	3	15.8%	3.9	6	13.6%	7.7
25-29	5	31.3%	5.9	2	22.2%	2.4	1	5.3%	1.2	8	18.2%	9.4
30-34	1	6.3%	1.4	2	22.2%	2.8	3	15.8%	4.1	6	13.6%	8.3
35-39	2	12.5%	2.6	1	11.1%	1.3	3	15.8%	3.9	6	13.6%	7.8
40-44	1	6.3%	1.1	0	0.0%	0.0	2	10.5%	2.3	3	6.8%	3.4
45-49	2	12.5%	2.0	0	0.0%	0.0	4	21.1%	4.0	6	13.6%	6.1
50+	2	12.5%	0.5	4	44.4%	1.0	3	15.8%	0.8	9	20.5%	2.3
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

Northeastern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	14	100.0%	1.2	0	-	0.0	0	0.0%	0.0	60	100.0%	5.0
Sex												
Male	12	85.7%	2.0	0	-	0.0	0	0.0%	0.0	55	91.7%	9.1
Female	2	14.3%	0.3	0	-	0.0	0	0.0%	0.0	5	8.3%	0.8
Race												
White	13	92.9%	1.1	0	-	0.0	0	0.0%	0.0	51	85.0%	4.5
African American	1	7.1%	6.0	0	-	0.0	0	0.0%	0.0	5	8.3%	29.9
American Indian	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	2	3.3%	9.7
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	1.7%	4.3
Other	0	0.0%	-	0	-	-	0	0.0%	-	1	1.7%	-
Hispanic ethnicity												
Hispanic	2	14.3%	4.7	0	-	0.0	0	0.0%	0.0	8	13.3%	18.6
Non Hispanic	12	85.7%	-	0	-	-	0	0.0%	-	52	86.7%	-
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	0	0.0%	0.0
20-24	2	14.3%	2.6	0	0.0%	0.0	0	0.0%	0.0	8	13.3%	10.3
25-29	4	28.6%	4.7	0	0.0%	0.0	0	0.0%	0.0	12	20.0%	14.2
30-34	1	7.1%	1.4	0	0.0%	0.0	0	0.0%	0.0	7	11.7%	9.6
35-39	2	14.3%	2.6	0	0.0%	0.0	0	0.0%	0.0	10	16.7%	13.0
40-44	1	7.1%	1.1	0	0.0%	0.0	0	0.0%	0.0	4	6.7%	4.5
45-49	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	6	10.0%	6.1
50+	4	28.6%	1.0	0	0.0%	0.0	0	0.0%	0.0	13	21.7%	3.3
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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