

Sexually Transmitted Disease in Wisconsin 2018



Wisconsin sexually transmitted disease surveillance report, 2018

Northeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	4,292	100.0%	356	696	100.0%	58	96	100.0%	8	5,089	100.0%	422
Sex												
Male	1,340	31.2%	222	349	50.1%	58	81	84.4%	13	1,770	34.5%	294
Female	2,952	68.8%	490	347	49.9%	58	15	15.6%	3	3,319	65.4%	551
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Race												
White	3,143	73.2%	275	418	60.1%	37	75	78.1%	7	3,639	71.5%	327
African American	529	12.3%	3,168	210	30.2%	1,258	11	11.5%	66	750	14.8%	4,492
American Indian	206	4.8%	1,004	21	3.0%	102	0	0.0%	0	227	4.5%	1,106
Asian/Pacific Islander	93	2.2%	399	12	1.7%	51	6	6.3%	26	111	2.2%	475
Other	169	3.9%	-	12	1.7%	-	4	4.2%	-	187	3.7%	-
Unknown	152	3.5%	-	23	3.3%	-	0	0.0%	-	175	3.5%	-
Hispanic ethnicity												
Hispanic	363	8.5%	844	46	6.6%	107	12	12.5%	28	422	8.3%	981
Not Hispanic	3,514	81.9%	302	595	85.5%	51	84	87.5%	7	4,197	82.5%	361
Unknown	415	9.7%	-	55	7.9%	-	0	0.0%	-	470	9.3%	-
Age												
0-4	1	0.0%	1	0	0.0%	0	0	0.0%	0	1	0.0%	1
5-9	0	0.0%	0	1	0.1%	1	0	0.0%	0	1	0.0%	1
10-14	31	0.7%	40	7	1.0%	9	0	0.0%	0	38	0.7%	49
15-19	1,128	26.3%	1,365	142	20.4%	172	3	3.1%	4	1,273	25.1%	1,541
20-24	1,617	37.7%	2,086	181	26.0%	234	19	19.8%	25	1,820	35.8%	2,349
25-29	828	19.3%	978	160	23.0%	189	19	19.8%	22	1,008	19.8%	1,190
30-34	378	8.8%	520	97	13.9%	133	21	21.9%	29	497	9.8%	684
35-39	192	4.5%	249	54	7.8%	70	11	11.5%	14	257	5.0%	334
40-44	60	1.4%	68	19	2.7%	21	8	8.3%	9	87	1.7%	98
45-49	30	0.7%	30	16	2.3%	16	7	7.3%	7	53	1.0%	54
50+	27	0.6%	7	19	2.7%	5	8	8.3%	2	54	1.0%	13
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	4,292	100.0%	356	696	100.0%	58	96	100.0%	8	5,089	100.0%	422
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, 2018
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	1,146	26.7%	468	181	26.0%	74	34	35.4%	14	1,357	26.7%	556
Calumet	119	2.8%	266	14	2.0%	31	2	2.1%	5	133	2.7%	310
Door	53	1.2%	191	6	0.9%	22	2	2.1%	7	61	1.2%	220
Fond du lac	323	7.5%	325	60	8.6%	60	10	10.4%	10	393	7.7%	395
Green Lake	43	1.0%	232	4	0.6%	22	0	0.0%	0	47	0.9%	253
Kewaunee	24	0.6%	118	1	0.1%	5	0	0.0%	0	25	0.5%	123
Manitowoc	227	5.3%	281	54	7.8%	67	3	3.1%	4	285	5.6%	353
Marinette	125	2.9%	296	14	2.0%	33	2	2.1%	5	141	2.8%	333
Marquette	30	0.7%	199	5	0.7%	33	0	0.0%	0	35	0.7%	232
Menominee	40	0.9%	875	1	0.1%	22	0	0.0%	0	41	0.8%	897
Oconto	85	2.0%	226	6	0.9%	16	0	0.0%	0	92	1.8%	245
Outagamie	605	14.1%	346	71	10.2%	41	16	16.7%	9	692	13.6%	398
Shawano	129	3.0%	315	9	1.3%	22	1	1.0%	2	139	2.7%	339
Sheboygan	403	9.4%	352	136	19.5%	119	3	3.1%	3	544	10.7%	475
Waupaca	105	2.4%	202	5	0.7%	10	2	2.1%	4	112	2.2%	216
Waushara	51	1.2%	206	3	0.4%	12	0	0.0%	0	54	1.1%	218
Winnebago	784	18.3%	484	126	18.1%	78	21	21.9%	12	932	18.3%	576
Region total	4,292	100.0%	356	696	100.0%	58	96	100.0%	7	5,089	100.0%	422
Total	4,292	100.0%	356	696	100.0%	58	96	100.0%	7	5,089	100.0%	422

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2018
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	275	295	3,168	3,315	1,004	1,074	399	415
Gonorrhea	37	38	1,258	1,284	102	109	51	51
Other	0	0	0	0	0	0	0	0
Syphilis	7	7	66	66	0	0	26	26
Total	319	336	4,492	4,664	1,106	1,183	476	493

* 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	15	100.0%	1.3	12	100.0%	1.0	25	100.0%	2.0	52	100.0%	4.3
Sex												
Male	12	80.0%	2.0	11	91.7%	1.6	22	88.0%	3.7	45	86.5%	7.5
Female	3	20.0%	0.3	1	8.3%	0.2	3	12.0%	0.5	7	13.5%	1.2
Race												
White	12	80.0%	1.1	10	83.3%	0.9	21	84.0%	1.9	43	82.7%	3.7
African American	1	6.7%	6.0	1	8.3%	6.0	3	12.0%	18.0	5	9.6%	29.9
Asian/Pacific Islander	1	6.7%	4.3	1	8.3%	4.3	0	0.0%	0.0	2	3.8%	8.6
Other	1	6.7%	-	0	0.0%	-	1	0.0%	-	1	3.8%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Hispanic ethnicity												
Hispanic	4	26.7%	7.0	1	8.3%	2.3	0	0.0%	0.0	5	9.6%	11.6
Non Hispanic	11	73.3%	0.9	11	91.7%	0.9	25	100.0%	2.1	47	90.4%	4.0
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	1	6.7%	1.2	0	0.0%	0.0	2	8.0%	2.4	3	5.8%	3.6
20-24	3	20.0%	3.9	5	41.7%	6.5	6	24.0%	7.7	14	26.9%	18.1
25-29	1	6.7%	1.2	3	25.0%	3.5	4	16.0%	4.7	8	15.4%	9.5
30-34	4	26.7%	5.5	3	25.0%	4.1	6	24.0%	8.3	13	25.0%	17.9
35-39	3	20.0%	3.9	0	0.0%	0.0	2	8.0%	2.6	5	9.6%	6.5
40-44	1	6.7%	1.1	0	0.0%	0.0	2	8.0%	2.2	3	5.8%	3.5
45-49	0	0.0%	0.0	1	8.3%	1.0	2	8.0%	2.0	3	5.8%	3.0
50+	2	13.3%	0.5	0	0.0%	0.0	1	4.0%	0.3	3	5.8%	0.8
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, 2018

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	44	100.0%	3.7	0	-	0.0	0	0.0%	0.0	96	100.0%	7.9
Sex												
Male	36	81.8%	4.6	0	-	0.0	0	0.0%	0.0	81	84.4%	13.4
Female	8	18.2%	1.3	0	-	0.0	0	0.0%	0.0	15	15.6%	2.5
Race												
White	32	72.7%	2.8	0	-	0.0	0	0.0%	0.0	75	78.1%	6.5
African American	6	13.6%	35.9	0	-	0.0	0	0.0%	0.0	11	11.5%	65.9
Asian/Pacific Islander	4	9.1%	17.2	0	-	0.0	0	0.0%	0.0	6	6.3%	25.7
Other	2	4.5%	-	0	-	-	0	0.0%	-	4	4.2%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
Hispanic ethnicity												
Hispanic	7	15.9%	16.3	0	-	0.0	0	0.0%	0.0	12	12.5%	28.0
Non Hispanic	37	84.1%	3.2	0	-	-	0	0.0%	-	84	87.5%	7.1
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	3	3.1%	3.6
20-24	5	11.4%	6.5	0	0.0%	0.0	0	0.0%	0.0	19	19.8%	24.5
25-29	11	25.0%	13.0	0	0.0%	0.0	0	0.0%	0.0	19	19.8%	22.4
30-34	8	18.2%	11.0	0	0.0%	0.0	0	0.0%	0.0	21	21.9%	28.9
35-39	6	13.6%	7.8	0	0.0%	0.0	0	0.0%	0.0	11	11.5%	14.3
40-44	5	11.4%	5.6	0	0.0%	0.0	0	0.0%	0.0	8	8.3%	9.1
45-49	4	9.1%	4.0	0	0.0%	0.0	0	0.0%	0.0	7	7.3%	7.0
50+	5	11.4%	1.3	0	0.0%	0.0	0	0.0%	0.0	8	8.3%	2.1
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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