

Sexually Transmitted Disease in Wisconsin 2019



Wisconsin sexually transmitted disease surveillance report, 2019

Northeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	4,520	100.0%	375	830	100.0%	69	83	100.0%	7	5,439	100.0%	451
Sex												
Male	1,396	30.9%	232	413	49.8%	69	67	80.7%	11	1,876	34.5%	311
Female	3,121	69.0%	518	417	50.2%	69	15	18.1%	2	3,559	65.4%	591
Unknown	3	0.1%	-	0	0.0%	-	0	0.0%	-	3	0.1%	-
Race												
White	3,272	72.4%	286	473	57.0%	41	66	79.5%	6	3,817	70.2%	333
African American	568	12.6%	3,402	259	31.2%	1,551	2	2.4%	12	829	15.2%	4,965
American Indian	199	4.4%	970	41	4.9%	200	0	0.0%	0	240	4.4%	1,170
Asian/Pacific Islander	106	2.3%	454	8	1.0%	34	0	0.0%	0	114	2.1%	488
Other	188	4.2%	-	21	2.5%	-	4	4.8%	-	213	3.9%	-
Unknown	187	4.1%	-	28	3.4%	-	0	0.0%	-	215	4.0%	-
Hispanic ethnicity												
Hispanic	442	9.8%	1,028	50	6.0%	116	4	4.8%	9	498	9.2%	1,158
Not Hispanic	3,587	79.4%	309	720	86.7%	62	16	19.3%	1	4,327	79.6%	372
Unknown	491	10.9%	-	60	7.2%	-	0	0.0%	-	551	10.1%	-
Age												
0-4	0	0.0%	0	0	0.0%	0	1	1.2%	1	1	0.0%	1
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	27	0.6%	35	5	0.6%	6	0	0.0%	0	32	0.6%	42
15-19	1,245	27.5%	1,507	137	16.5%	166	5	6.0%	6	1,389	25.5%	1,681
20-24	1,724	38.1%	2,224	255	30.7%	329	14	16.9%	18	1,995	36.7%	2,574
25-29	801	17.7%	946	193	23.3%	228	23	27.7%	27	1,018	18.7%	1,202
30-34	368	8.1%	506	111	13.4%	153	9	10.8%	12	489	9.0%	673
35-39	199	4.4%	258	60	7.2%	78	13	15.7%	17	272	5.0%	353
40-44	88	1.9%	99	25	3.0%	28	4	4.8%	5	117	2.2%	132
45-49	33	0.7%	33	19	2.3%	19	4	4.8%	4	56	1.0%	57
50+	35	0.8%	9	25	3.0%	6	10	12.0%	3	70	1.3%	18
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	4,520	100.0%	375	830	100.0%	69	83	100.0%	7	5,439	100.0%	451
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, 2019
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	25.4%	468	245	29.5%	100	19	22.9%	8	1,410	25.9%	575
Calumet	114	2.5%	255	15	1.8%	34	3	3.6%	7	132	2.4%	295
Door	59	1.3%	212	8	1.0%	29	1	1.2%	4	69	1.3%	248
Fond du lac	407	9.0%	409	72	8.7%	72	5	6.0%	5	484	8.9%	487
Green Lake	53	1.2%	285	3	0.4%	16	1	1.2%	5	58	1.1%	312
Kewaunee	39	0.9%	191	2	0.2%	10	1	1.2%	5	42	0.8%	206
Manitowoc	278	6.2%	345	70	8.4%	87	2	2.4%	2	351	6.5%	435
Marinette	132	2.9%	312	15	1.8%	35	2	2.4%	5	149	2.7%	352
Marquette	36	0.8%	239	5	0.6%	33	0	0.0%	0	41	0.8%	272
Menominee	41	0.9%	897	9	1.1%	197	0	0.0%	0	50	0.9%	1,094
Oconto	95	2.1%	253	8	1.0%	21	3	3.6%	8	107	2.0%	285
Outagamie	629	13.9%	359	85	10.2%	49	19	22.9%	11	733	13.5%	419
Shawano	142	3.1%	347	15	1.8%	37	1	1.2%	2	158	2.9%	386
Sheboygan	439	9.7%	383	105	12.7%	92	6	7.2%	5	551	10.1%	481
Waupaca	127	2.8%	245	11	1.3%	21	1	1.2%	2	139	2.6%	268
Waushara	48	1.1%	194	7	0.8%	28	0	0.0%	0	55	1.0%	222
Winnebago	735	16.3%	453	155	18.7%	96	18	21.7%	11	909	16.7%	561
Region total	4,520	100.0%	375	830	100.0%	69	82	98.8%	7	5,438	100.0%	451
Total	4,520	100.0%	375	830	100.0%	69	82	98.8%	7	5,438	100.0%	451

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2019
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	286	309	3,402	3,589	970	1,095	454	492
Gonorrhea	41	42	1,551	1,596	200	203	34	37
Other	1	1	0	0	0	0	0	0
SYPHILIS	6	6	12	12	0	0	0	0
Total	333	358	4,965	5,198	1,170	1,298	488	530

* 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	11	100.0%	0.9	9	100.0%	0.7	16	100.0%	1.3	36	100.0%	3.0
Sex												
Male	11	100.0%	1.8	7	77.8%	1.2	14	87.5%	2.3	32	88.9%	5.3
Female	0	0.0%	0.0	2	22.2%	0.3	2	12.5%	0.3	4	11.1%	0.7
Race												
Black or African American	0	0.0%	-	0	0.0%	-	2	12.5%	-	2	5.6%	-
American Indian or Alaska	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
White	9	81.8%	0.8	8	88.9%	0.7	13	81.3%	1.1	30	83.3%	2.6
African American	1	9.1%	6.0	1	11.1%	6.0	0	0.0%	0.0	2	5.6%	12.0
Other	1	9.1%	-	0	0.0%	-	1	6.3%	-	2	5.6%	-
Hispanic ethnicity												
Hispanic or Latino	0	0.0%	-	0	0.0%	-	1	6.3%	-	1	2.8%	-
Not Hispanic or Latino	0	0.0%	-	0	0.0%	-	15	93.8%	-	15	41.7%	-
Hispanic	3	27.3%	7.0	1	11.1%	2.3	0	0.0%	0.0	4	11.1%	9.3
Non Hispanic	8	72.7%	-	8	88.9%	-	0	0.0%	-	16	44.4%	-
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	2	12.5%	2.4	2	5.6%	2.4
20-24	5	45.5%	6.5	3	33.3%	3.9	2	12.5%	2.6	10	27.8%	12.9
25-29	2	18.2%	2.4	1	11.1%	1.2	3	18.8%	3.5	6	16.7%	7.1
30-34	1	9.1%	1.4	1	11.1%	1.4	2	12.5%	2.8	4	11.1%	5.5
35-39	0	0.0%	0.0	2	22.2%	2.6	3	18.8%	3.9	5	13.9%	6.5
40-44	1	9.1%	1.1	0	0.0%	0.0	2	12.5%	2.3	3	8.3%	3.4
45-49	1	9.1%	1.0	0	0.0%	0.0	0	0.0%	0.0	1	2.8%	1.0
50+	1	9.1%	0.3	2	22.2%	0.5	2	12.5%	0.5	5	13.9%	1.3
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, 2019

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	47	100.0%	3.9	0	-	0.0	0	0.0%	0.0	83	100.0%	6.9
Sex												
Male	35	74.5%	5.8	0	-	0.0	0	0.0%	0.0	67	80.7%	11.1
Female	11	23.4%	1.8	0	-	0.0	0	0.0%	0.0	15	18.1%	2.5
Race												
Black or African American	8	17.0%	-	0	-	-	0	0.0%	-	10	12.0%	-
American Indian or Alaska	1	2.1%	-	0	-	-	0	0.0%	-	1	1.2%	-
White	36	76.6%	3.1	0	-	0.0	0	0.0%	0.0	66	79.5%	5.8
African American	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	2	2.4%	12.0
Other	2	4.3%	-	0	-	-	0	0.0%	-	4	4.8%	-
Hispanic ethnicity												
Hispanic or Latino	10	21.3%	-	0	-	-	0	0.0%	-	11	13.3%	-
Not Hispanic or Latino	37	78.7%	-	0	-	-	0	0.0%	-	52	62.7%	-
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	4	4.8%	9.3
Non Hispanic	0	0.0%	-	0	-	-	0	0.0%	-	16	19.3%	-
Age												
0-4	1	2.1%	1.3	0	0.0%	0.0	0	0.0%	0.0	1	1.2%	1.3
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	6.4%	3.6	0	0.0%	0.0	0	0.0%	0.0	5	6.0%	6.1
20-24	4	8.5%	5.2	0	0.0%	0.0	0	0.0%	0.0	14	16.9%	18.1
25-29	17	36.2%	20.1	0	0.0%	0.0	0	0.0%	0.0	23	27.7%	27.2
30-34	5	10.6%	6.9	0	0.0%	0.0	0	0.0%	0.0	9	10.8%	12.4
35-39	8	17.0%	10.4	0	0.0%	0.0	0	0.0%	0.0	13	15.7%	16.9
40-44	1	2.1%	1.1	0	0.0%	0.0	0	0.0%	0.0	4	4.8%	4.5
45-49	3	6.4%	3.0	0	0.0%	0.0	0	0.0%	0.0	4	4.8%	4.0
50+	5	10.6%	1.3	0	0.0%	0.0	0	0.0%	0.0	10	12.0%	2.5
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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