

# Sexually Transmitted Disease in Wisconsin 2018



# Wisconsin sexually transmitted disease surveillance report, 2018

## Northern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>												
Total	1,191	100.0%	246	146	100.0%	30	11	100.0%	2	1,352	100.0%	280
<b>Sex</b>												
Male	362	30.4%	150	71	48.6%	29	8	72.7%	3	441	32.6%	183
Female	827	69.4%	341	75	51.4%	31	3	27.3%	2	909	67.3%	375
Unknown	2	0.2%	-	0	0.0%	-	0	0.0%	-	2	0.1%	-
<b>Race</b>												
White	806	67.7%	176	94	64.4%	21	11	100.0%	2	914	67.6%	200
African American	80	6.7%	2,392	21	14.4%	628	0	0.0%	0	101	7.5%	3,020
American Indian	50	4.2%	407	5	3.4%	41	0	0.0%	0	55	4.1%	448
Asian/Pacific Islander	32	2.7%	317	2	1.4%	20	0	0.0%	0	34	2.5%	337
Other	27	2.3%	-	3	2.1%	-	0	0.0%	-	31	2.3%	-
Unknown	196	16.5%	-	21	14.4%	-	0	0.0%	-	217	16.1%	-
<b>Hispanic ethnicity</b>												
Hispanic	47	3.9%	688	8	5.5%	117	0	0.0%	0	56	4.1%	820
Not Hispanic	801	67.3%	168	91	62.3%	19	11	100.0%	3	906	67.0%	190
Unknown	343	28.8%	-	47	32.2%	-	0	0.0%	-	390	28.8%	-
<b>Age</b>												
0-4	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
10-14	10	0.8%	34	3	2.1%	10	0	0.0%	0	13	1.0%	44
15-19	307	25.8%	918	19	13.0%	57	1	9.1%	3	328	24.2%	981
20-24	471	39.5%	1,485	42	28.8%	132	1	9.1%	3	515	38.1%	1,623
25-29	233	19.6%	739	31	21.2%	98	1	9.1%	3	265	19.7%	843
30-34	104	8.7%	403	20	13.7%	77	3	27.3%	12	128	9.5%	495
35-39	41	3.4%	145	14	9.6%	50	1	9.1%	4	57	4.2%	202
40-44	16	1.3%	48	6	4.1%	18	0	0.0%	0	22	1.6%	66
45-49	6	0.5%	15	3	2.1%	8	2	18.2%	5	11	0.8%	28
50+	3	0.3%	2	8	5.5%	5	2	18.2%	1	13	1.0%	7
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
<b>Region of residence</b>												
Northeastern	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Northern	1,191	100.0%	246	146	100.0%	30	11	100.0%	2	1,352	100.0%	280
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**  
*Northern Region*

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Northern</b>												
Ashland	39	3.3%	239	1	0.7%	6	0	0.0%	0	40	3.0%	245
Bayfield	29	2.4%	194	3	2.1%	20	0	0.0%	0	32	2.4%	214
Florence	2	0.2%	43	0	0.0%	0	0	0.0%	0	2	0.1%	43
Forest	37	3.1%	376	4	2.7%	41	0	0.0%	0	41	3.0%	416
Iron	8	0.7%	129	2	1.4%	32	0	0.0%	0	10	0.7%	161
Langlade	52	4.4%	258	5	3.4%	25	0	0.0%	0	57	4.2%	283
Lincoln	58	4.9%	197	11	7.5%	37	1	9.1%	3	70	5.2%	237
Marathon	334	28.0%	255	52	35.6%	40	5	45.5%	5	391	29.0%	298
Oneida	69	5.8%	192	2	1.4%	6	0	0.0%	0	71	5.2%	197
Portage	239	20.1%	348	18	12.3%	26	3	27.3%	4	262	19.4%	381
Price	26	2.2%	182	2	1.4%	14	0	0.0%	0	28	2.1%	196
Sawyer	18	1.5%	105	2	1.4%	12	0	0.0%	0	20	1.5%	117
Taylor	38	3.2%	197	6	4.1%	31	0	0.0%	0	44	3.3%	228
Vilas	38	3.2%	173	5	3.4%	23	0	0.0%	0	43	3.2%	196
Wood	204	17.1%	277	33	22.6%	45	2	18.2%	3	241	17.8%	327
<b>Region total</b>	<b>1,191</b>	<b>100.0%</b>	<b>246</b>	<b>146</b>	<b>100.0%</b>	<b>30</b>	<b>11</b>	<b>100.0%</b>	<b>2</b>	<b>1,352</b>	<b>100.0%</b>	<b>280</b>
<b>Total</b>	<b>1,191</b>	<b>100.0%</b>	<b>246</b>	<b>146</b>	<b>100.0%</b>	<b>30</b>	<b>11</b>	<b>100.0%</b>	<b>2</b>	<b>1,352</b>	<b>100.0%</b>	<b>280</b>

\* Cases per 100,000 population.

**Wisconsin sexually transmitted disease surveillance report, 2018**  
**Unadjusted\* and imputed\*\* cases per 100,000 population by race**  
***Northern Region***

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	176	213	2,392	2,667	407	433	317	393
Gonorrhea	21	22	628	718	41	41	20	20
Other	1	1	0	0	0	0	0	0
Syphilis	2	2	0	0	0	0	0	0
<b>Total</b>	199	237	3,020	3,385	448	474	337	413

\* 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, 2018

## Syphilis cases by disease stage

### Northern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
<b>Total</b>												
Total	2	100.0%	0.4	6	100.0%	1.2	1	100.0%	0.2	9	100.0%	1.9
<b>Sex</b>												
Male	1	50.0%	0.4	5	83.3%	2.1	1	100.0%	0.4	7	77.8%	2.9
Female	1	50.0%	0.4	1	16.7%	0.4	0	0.0%	0.0	2	22.2%	0.8
<b>Race</b>												
White	1	50.0%	0.2	6	100.0%	1.3	1	100.0%	0.2	8	88.9%	1.7
Unknown	1	50.0%	-	0	0.0%	-	0	0.0%	-	1	11.1%	-
<b>Hispanic ethnicity</b>												
Non Hispanic	2	100.0%	-	6	100.0%	-	1	100.0%	-	9	100.0%	-
<b>Age</b>												
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	16.7%	3.0	0	0.0%	0.0	1	11.1%	3.0
20-24	0	0.0%	0.0	1	16.7%	3.2	0	0.0%	0.0	1	11.1%	3.2
25-29	1	50.0%	3.2	0	0.0%	0.0	0	0.0%	0.0	1	11.1%	3.2
30-34	0	0.0%	0.0	1	16.7%	3.9	0	0.0%	0.0	1	11.1%	3.9
35-39	0	0.0%	0.0	1	16.7%	3.5	0	0.0%	0.0	1	11.1%	3.5
40-44	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
45-49	0	0.0%	0.0	2	33.3%	5.1	0	0.0%	0.0	2	22.2%	5.1
50+	1	50.0%	0.6	0	0.0%	0.0	1	100.0%	0.6	2	22.2%	1.1
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

### Northern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Total</b>												
Total	2	100.0%	0.6	0	-	0.0	0	0.0%	0.0	11	100.0%	2.5
<b>Sex</b>												
Male	1	50.0%	0.4	0	-	0.0	0	0.0%	0.0	8	72.7%	3.3
Female	1	50.0%	0.8	0	-	0.0	0	0.0%	0.0	3	27.3%	1.6
<b>Race</b>												
White	2	100.0%	0.7	0	-	0.0	0	0.0%	0.0	11	100.0%	2.4
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
<b>Hispanic ethnicity</b>												
Non Hispanic	2	100.0%	-	0	-	-	0	0.0%	-	11	100.0%	-
<b>Age</b>												
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	1	9.1%	3.0
20-24	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	9.1%	3.2
25-29	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	18.2%	3.2
30-34	2	100.0%	7.7	0	0.0%	0.0	0	0.0%	0.0	3	27.3%	11.6
35-39	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	9.1%	3.5
40-44	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
45-49	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	2	18.2%	5.1
50+	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	2	18.2%	1.1
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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