

Sexually Transmitted Disease in Wisconsin 2019



Wisconsin sexually transmitted disease surveillance report, 2019

Southern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	5,548	100.0%	478	1,406	100.0%	121	89	100.0%	8	7,046	100.0%	607
Sex												
Male	1,923	34.7%	329	788	56.0%	135	77	86.5%	13	2,788	39.6%	478
Female	3,608	65.0%	624	611	43.5%	106	11	12.4%	2	4,233	60.1%	733
Unknown	17	0.3%	-	7	0.5%	-	0	0.0%	-	24	0.3%	-
Race												
White	3,275	59.0%	301	688	48.9%	63	58	65.2%	5	4,024	57.1%	370
African American	1,118	20.2%	2,784	519	36.9%	1,292	3	3.4%	7	1,640	23.3%	4,083
American Indian	64	1.2%	1,049	18	1.3%	295	2	2.2%	33	84	1.2%	1,377
Asian/Pacific Islander	138	2.5%	497	30	2.1%	108	0	0.0%	0	168	2.4%	605
Other	258	4.7%	-	42	3.0%	-	6	6.7%	-	306	4.3%	-
Unknown	695	12.5%	-	109	7.8%	-	0	0.0%	-	804	11.4%	-
Hispanic ethnicity												
Hispanic	563	10.1%	1,168	87	6.2%	180	4	4.5%	8	654	9.3%	1,357
Not Hispanic	4,109	74.1%	369	1,195	85.0%	107	17	19.1%	2	5,324	75.6%	478
Unknown	876	15.8%	-	124	8.8%	-	0	0.0%	-	1,000	14.2%	-
Age												
0-4	2	0.0%	3	0	0.0%	0	1	1.1%	1	3	0.0%	4
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	37	0.7%	52	4	0.3%	6	0	0.0%	0	41	0.6%	58
15-19	1,495	26.9%	1,846	200	14.2%	247	1	1.1%	1	1,696	24.1%	2,094
20-24	2,126	38.3%	2,383	373	26.5%	418	13	14.6%	15	2,513	35.7%	2,817
25-29	947	17.1%	1,123	307	21.8%	364	24	27.0%	28	1,278	18.1%	1,515
30-34	419	7.6%	551	188	13.4%	247	18	20.2%	24	625	8.9%	823
35-39	244	4.4%	308	127	9.0%	160	8	9.0%	10	380	5.4%	479
40-44	117	2.1%	142	69	4.9%	83	7	7.9%	8	194	2.8%	235
45-49	65	1.2%	71	51	3.6%	56	7	7.9%	8	123	1.7%	135
50+	96	1.7%	26	87	6.2%	24	10	11.2%	3	193	2.7%	53
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	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southern	5,548	100.0%	478	1,406	100.0%	121	89	100.0%	8	7,046	100.0%	607
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
Southern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	58	1.0%	285	7	0.5%	34	2	2.2%	10	67	1.0%	330
Columbia	148	2.7%	268	32	2.3%	58	2	2.2%	4	182	2.6%	330
Crawford	21	0.4%	124	1	0.1%	6	0	0.0%	0	22	0.3%	130
Dane	3,162	57.0%	655	1,006	71.6%	208	62	69.7%	13	4,231	60.0%	877
Dodge	222	4.0%	253	17	1.2%	19	3	3.4%	3	243	3.4%	276
Grant	133	2.4%	270	15	1.1%	30	2	2.2%	4	150	2.1%	305
Green	111	2.0%	308	8	0.6%	22	0	0.0%	0	119	1.7%	330
Iowa	49	0.9%	208	5	0.4%	21	1	1.1%	4	55	0.8%	233
Jefferson	252	4.5%	312	37	2.6%	46	2	2.2%	2	292	4.1%	361
Juneau	76	1.4%	285	12	0.9%	45	0	0.0%	0	88	1.2%	330
Lafayette	41	0.7%	258	3	0.2%	19	2	2.2%	13	46	0.7%	290
Richland	31	0.6%	172	6	0.4%	33	0	0.0%	0	37	0.5%	206
Rock	944	17.0%	589	216	15.4%	135	11	12.4%	7	1,171	16.6%	731
Sauk	244	4.4%	413	33	2.3%	56	2	2.2%	3	279	4.0%	473
Vernon	56	1.0%	193	8	0.6%	28	0	0.0%	0	64	0.9%	220
Region total	5,548	100.0%	478	1,406	100.0%	121	89	100.0%	8	7,046	100.0%	607
Total	5,548	100.0%	478	1,406	100.0%	121	89	100.0%	8	7,046	100.0%	607

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2019
Unadjusted* and imputed cases per 100,000 population by race**
Southern Region

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	301	362	2,784	3,177	1,049	1,362	497	623
Gonorrhea	63	69	1,292	1,400	295	301	108	128
Other	0	0	0	0	0	0	0	0
Syphilis	5	5	7	7	33	49	0	0
Total	370	438	4,083	4,584	1,377	1,712	605	751

* 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

Southern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	10	100.0%	0.9	11	100.0%	0.9	27	100.0%	2.3	48	100.0%	4.1
Sex												
Male	10	100.0%	1.7	10	90.9%	1.7	24	88.9%	4.1	44	91.7%	7.5
Female	0	0.0%	0.0	1	9.1%	0.2	2	7.4%	0.3	3	6.3%	0.5
Race												
Asian	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Black or African American	0	0.0%	-	0	0.0%	-	5	18.5%	-	5	10.4%	-
White	6	60.0%	0.6	9	81.8%	0.8	19	70.4%	1.7	34	70.8%	3.1
African American	2	20.0%	5.0	1	9.1%	2.5	0	0.0%	0.0	3	6.3%	7.5
American Indian	1	10.0%	16.4	1	9.1%	16.4	0	0.0%	0.0	2	4.2%	32.8
Other	1	10.0%	-	0	0.0%	-	3	11.1%	-	4	8.3%	-
Hispanic ethnicity												
Not Hispanic or Latino	0	0.0%	-	0	0.0%	-	24	88.9%	-	24	50.0%	-
Hispanic or Latino	0	0.0%	-	0	0.0%	-	3	11.1%	-	3	6.3%	-
Hispanic	4	40.0%	8.3	0	0.0%	0.0	0	0.0%	0.0	4	8.3%	8.3
Non Hispanic	6	60.0%	-	11	100.0%	-	0	0.0%	-	17	35.4%	-
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	1	3.7%	1.2	1	2.1%	1.2
20-24	0	0.0%	0.0	1	9.1%	1.1	6	22.2%	6.7	7	14.6%	7.8
25-29	2	20.0%	2.4	2	18.2%	2.4	8	29.6%	9.5	12	25.0%	14.2
30-34	2	20.0%	2.6	2	18.2%	2.6	4	14.8%	5.3	8	16.7%	10.5
35-39	0	0.0%	0.0	2	18.2%	2.5	4	14.8%	5.0	6	12.5%	7.6
40-44	2	20.0%	2.4	1	9.1%	1.2	0	0.0%	0.0	3	6.3%	3.6
45-49	2	20.0%	2.2	2	18.2%	2.2	1	3.7%	1.1	5	10.4%	5.5
50+	2	20.0%	0.6	1	9.1%	0.3	3	11.1%	0.8	6	12.5%	1.7
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

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Syphilis cases by disease stage

Southern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	40	100.0%	3.4	0	-	0.0	1	100.0%	0.1	89	100.0%	7.7
Sex												
Male	33	82.5%	5.7	0	-	0.0	0	0.0%	0.0	77	86.5%	13.2
Female	7	17.5%	1.2	0	-	0.0	1	100.0%	0.2	11	12.4%	1.9
Race												
Asian	2	5.0%	-	0	-	-	0	0.0%	-	2	2.2%	-
Black or African American	12	30.0%	-	0	-	-	1	100.0%	-	18	20.2%	-
White	24	60.0%	2.2	0	-	0.0	0	0.0%	0.0	58	65.2%	5.3
African American	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	3	3.4%	7.5
American Indian	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	2	2.2%	32.8
Other	2	5.0%	-	0	-	-	0	0.0%	-	6	6.7%	-
Hispanic ethnicity												
Not Hispanic or Latino	33	82.5%	-	0	-	-	1	100.0%	-	58	65.2%	-
Hispanic or Latino	7	17.5%	-	0	-	-	0	0.0%	-	10	11.2%	-
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	4	4.5%	8.3
Non Hispanic	0	0.0%	-	0	-	-	0	0.0%	-	17	19.1%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	1.4	1	1.1%	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	0	0.0%	0.0
15-19	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	1.1%	1.2
20-24	6	15.0%	6.7	0	0.0%	0.0	0	0.0%	0.0	13	14.6%	14.6
25-29	12	30.0%	14.2	0	0.0%	0.0	0	0.0%	0.0	24	27.0%	28.5
30-34	10	25.0%	13.2	0	0.0%	0.0	0	0.0%	0.0	18	20.2%	23.7
35-39	2	5.0%	2.5	0	0.0%	0.0	0	0.0%	0.0	8	9.0%	10.1
40-44	4	10.0%	4.8	0	0.0%	0.0	0	0.0%	0.0	7	7.9%	8.5
45-49	2	5.0%	2.2	0	0.0%	0.0	0	0.0%	0.0	7	7.9%	7.7
50+	4	10.0%	1.1	0	0.0%	0.0	0	0.0%	0.0	10	11.2%	2.8
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.

For more information contact:

Wisconsin STD Control Section
1 West Wilson Street
PO Box 2659
Madison, WI 53701-2659
Telephone: 608-266-8479