

Sexually Transmitted Disease in Wisconsin 2019



Wisconsin sexually transmitted disease surveillance report, 2019

Persons 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	11,091	100.0%	2,823	2,451	100.0%	624	95	100.0%	24	13,665	100.0%	3,478
Sex												
Male	3,431	30.9%	1,716	1,135	46.3%	568	79	83.2%	40	4,645	34.0%	2,324
Female	7,648	69.0%	3,963	1,313	53.6%	680	14	14.7%	7	9,003	65.9%	4,665
Unknown	12	0.1%	-	3	0.1%	-	0	0.0%	-	15	0.1%	-
Race												
White	5,411	48.8%	1,554	693	28.3%	199	44	46.3%	13	6,157	45.1%	1,768
African American	3,558	32.1%	11,910	1,411	57.6%	4,723	13	13.7%	44	4,996	36.6%	16,723
American Indian	147	1.3%	2,917	20	0.8%	397	0	0.0%	0	167	1.2%	3,314
Asian/Pacific Islander	188	1.7%	1,917	22	0.9%	224	0	0.0%	0	210	1.5%	2,141
Other	579	5.2%	-	84	3.4%	-	2	2.1%	-	669	4.9%	-
Unknown	1,208	10.9%	-	221	9.0%	-	2	2.1%	-	1,432	10.5%	-
Hispanic ethnicity												
Hispanic	1,080	9.7%	4,948	153	6.2%	701	6	6.3%	27	1,246	9.1%	5,708
Not Hispanic	7,408	66.8%	1,997	1,857	75.8%	500	23	24.2%	6	9,309	68.1%	2,509
Unknown	2,603	23.5%	-	441	18.0%	-	5	5.3%	-	3,049	22.3%	-
Age												
0-4	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%	-
10-14	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%	-
20-24	11,091	100.0%	2,823	2,451	100.0%	624	95	100.0%	24	13,665	100.0%	3,478
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	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%	-
50+	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%	-
Region of residence												
Northeastern	1,724	15.5%	2,224	255	10.4%	329	14	14.7%	18	1,995	14.6%	2,574
Northern	515	4.6%	1,623	61	2.5%	192	2	2.1%	6	578	4.2%	1,822
Southeastern	5,617	50.6%	4,220	1,629	66.5%	1,224	64	67.4%	48	7,335	53.7%	5,511
Southern	2,126	19.2%	2,383	373	15.2%	418	13	13.7%	15	2,513	18.4%	2,817
Western	1,109	10.0%	1,808	133	5.4%	217	2	2.1%	3	1,244	9.1%	2,028
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

Persons 20-24 years of age

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	437	3.9%	2,641	78	3.2%	471	3	3.2%	18	518	3.8%	3,131
Calumet	60	0.5%	2,400	5	0.2%	200	0	0.0%	0	65	0.5%	2,600
Door	24	0.2%	1,766	1	0.0%	74	1	1.1%	74	26	0.2%	1,913
Fond du lac	159	1.4%	2,390	29	1.2%	436	1	1.1%	15	189	1.4%	2,841
Green Lake	17	0.2%	1,765	0	0.0%	0	0	0.0%	0	17	0.1%	1,765
Kewaunee	19	0.2%	1,543	1	0.0%	81	0	0.0%	0	20	0.1%	1,625
Manitowoc	111	1.0%	2,377	27	1.1%	578	0	0.0%	0	138	1.0%	2,956
Marinette	48	0.4%	1,810	6	0.2%	226	1	1.1%	38	55	0.4%	2,074
Marquette	16	0.1%	2,015	3	0.1%	378	0	0.0%	0	19	0.1%	2,393
Menominee	5	0.0%	1,401	3	0.1%	840	0	0.0%	0	8	0.1%	2,241
Oconto	35	0.3%	1,645	3	0.1%	141	0	0.0%	0	39	0.3%	1,833
Outagamie	243	2.2%	2,143	19	0.8%	168	5	5.3%	44	267	2.0%	2,354
Shawano	57	0.5%	2,533	1	0.0%	44	0	0.0%	0	58	0.4%	2,578
Sheboygan	149	1.3%	2,187	35	1.4%	514	1	1.1%	15	185	1.4%	2,715
Waupaca	48	0.4%	1,711	2	0.1%	71	0	0.0%	0	50	0.4%	1,783
Waushara	19	0.2%	1,243	1	0.0%	65	0	0.0%	0	20	0.1%	1,309
Winnebago	277	2.5%	2,144	41	1.7%	317	2	2.1%	15	321	2.3%	2,484
Region total	1,724	15.5%	2,224	255	10.4%	329	14	14.7%	18	1,995	14.6%	2,574
Northern												
Ashland	26	0.2%	2,009	0	0.0%	0	0	0.0%	0	26	0.2%	2,009
Bayfield	10	0.1%	1,105	0	0.0%	0	0	0.0%	0	10	0.1%	1,105
Florence	1	0.0%	446	0	0.0%	0	0	0.0%	0	1	0.0%	446
Forest	15	0.1%	2,500	5	0.2%	833	1	1.1%	167	21	0.2%	3,500
Iron	2	0.0%	664	0	0.0%	0	0	0.0%	0	2	0.0%	664
Langlade	19	0.2%	1,758	1	0.0%	93	0	0.0%	0	20	0.1%	1,850
Lincoln	23	0.2%	1,448	5	0.2%	315	0	0.0%	0	28	0.2%	1,763
Marathon	125	1.1%	1,634	33	1.3%	431	1	1.1%	13	159	1.2%	2,079
Oneida	37	0.3%	1,857	4	0.2%	201	0	0.0%	0	41	0.3%	2,058
Portage	107	1.0%	1,320	7	0.3%	86	0	0.0%	0	114	0.8%	1,407
Price	7	0.1%	932	1	0.0%	133	0	0.0%	0	8	0.1%	1,065
Sawyer	7	0.1%	731	0	0.0%	0	0	0.0%	0	7	0.1%	731
Taylor	13	0.1%	1,174	0	0.0%	0	0	0.0%	0	13	0.1%	1,174
Vilas	13	0.1%	1,262	2	0.1%	194	0	0.0%	0	15	0.1%	1,456
Wood	110	1.0%	2,654	3	0.1%	72	0	0.0%	0	113	0.8%	2,726
Region total	515	4.6%	1,623	61	2.5%	192	2	2.1%	6	578	4.2%	1,822
Southeastern												
Kenosha	354	3.2%	3,340	84	3.4%	793	5	5.3%	47	443	3.2%	4,180
Milwaukee	4,185	37.7%	6,517	1,350	55.1%	2,102	53	55.8%	83	5,608	41.0%	8,732
Ozaukee	72	0.6%	1,265	8	0.3%	141	0	0.0%	0	80	0.6%	1,405
Racine	346	3.1%	2,804	119	4.9%	964	1	1.1%	8	466	3.4%	3,776
Walworth	170	1.5%	1,911	15	0.6%	169	2	2.1%	22	188	1.4%	2,114
Washington	110	1.0%	1,447	11	0.4%	145	0	0.0%	0	121	0.9%	1,592
Waukesha	380	3.4%	1,600	42	1.7%	177	3	3.2%	13	429	3.1%	1,806
Region total	5,617	50.6%	4,220	1,629	66.5%	1,224	64	67.4%	48	7,335	53.7%	5,511

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	19	0.2%	1,919	2	0.1%	202	0	0.0%	0	21	0.2%	2,121
Columbia	56	0.5%	1,765	3	0.1%	95	0	0.0%	0	59	0.4%	1,859
Crawford	10	0.1%	855	0	0.0%	0	0	0.0%	0	10	0.1%	855
Dane	1,266	11.4%	2,772	277	11.3%	607	11	11.6%	24	1,554	11.4%	3,403
Dodge	70	0.6%	1,236	0	0.0%	0	0	0.0%	0	70	0.5%	1,236
Grant	60	0.5%	1,109	7	0.3%	129	1	1.1%	18	68	0.5%	1,256
Green	37	0.3%	1,818	1	0.0%	49	0	0.0%	0	38	0.3%	1,867
Iowa	12	0.1%	906	0	0.0%	0	0	0.0%	0	12	0.1%	906
Jefferson	101	0.9%	1,852	10	0.4%	183	0	0.0%	0	112	0.8%	2,054
Juneau	27	0.2%	1,629	6	0.2%	362	0	0.0%	0	33	0.2%	1,992
Lafayette	14	0.1%	1,373	1	0.0%	98	1	1.1%	98	16	0.1%	1,569
Richland	11	0.1%	1,062	3	0.1%	290	0	0.0%	0	14	0.1%	1,351
Rock	326	2.9%	3,377	48	2.0%	497	0	0.0%	0	374	2.7%	3,874
Sauk	89	0.8%	2,694	11	0.4%	333	0	0.0%	0	100	0.7%	3,027
Vernon	28	0.3%	1,688	4	0.2%	241	0	0.0%	0	32	0.2%	1,929
Region total	2,126	19.2%	2,383	373	15.2%	418	13	13.7%	15	2,513	18.4%	2,817
Western												
Barron	34	0.3%	1,288	4	0.2%	152	0	0.0%	0	38	0.3%	1,439
Buffalo	10	0.1%	1,318	0	0.0%	0	0	0.0%	0	10	0.1%	1,318
Burnett	3	0.0%	390	0	0.0%	0	0	0.0%	0	3	0.0%	390
Chippewa	66	0.6%	1,636	8	0.3%	198	0	0.0%	0	74	0.5%	1,835
Clark	14	0.1%	787	0	0.0%	0	0	0.0%	0	14	0.1%	787
Douglas	59	0.5%	1,931	15	0.6%	491	0	0.0%	0	74	0.5%	2,421
Dunn	79	0.7%	1,374	11	0.4%	191	0	0.0%	0	90	0.7%	1,565
Eau Claire	244	2.2%	2,157	39	1.6%	345	0	0.0%	0	283	2.1%	2,502
Jackson	25	0.2%	1,853	6	0.2%	445	0	0.0%	0	31	0.2%	2,298
La Crosse	295	2.7%	2,524	27	1.1%	231	2	2.1%	17	324	2.4%	2,773
Monroe	51	0.5%	2,013	6	0.2%	237	0	0.0%	0	57	0.4%	2,249
Pepin	7	0.1%	1,505	0	0.0%	0	0	0.0%	0	7	0.1%	1,505
Pierce	70	0.6%	1,553	9	0.4%	200	0	0.0%	0	79	0.6%	1,753
Polk	35	0.3%	1,404	3	0.1%	120	0	0.0%	0	38	0.3%	1,524
Rusk	12	0.1%	1,353	0	0.0%	0	0	0.0%	0	12	0.1%	1,353
Saint Croix	62	0.6%	1,250	3	0.1%	60	0	0.0%	0	65	0.5%	1,310
Trempealeau	32	0.3%	2,201	1	0.0%	69	0	0.0%	0	33	0.2%	2,270
Washburn	11	0.1%	1,222	1	0.0%	111	0	0.0%	0	12	0.1%	1,333
Region total	1,109	10.0%	1,808	133	5.4%	217	2	2.1%	3	1,244	9.1%	2,028
Unknown												
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region total	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Total	11,091	100.0%	2,823	2,451	100.0%	624	95	100.0%	24	13,665	100.0%	3,478

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2019
Unadjusted* and imputed cases per 100,000 population by race**
Persons 20-24 years of age

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	1,554	1,871	11,910	13,784	2,917	3,574	1,917	2,402
Gonorrhea	199	223	4,723	5,354	397	451	224	250
Other	3	4	47	49	0	0	0	0
Syphilis	13	13	44	47	0	0	0	0
Total	1,768	2,110	16,723	19,233	3,314	4,025	2,141	2,652

* 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, 2019

Syphilis cases by disease stage

Persons 20-24 years of age

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	13	100.0%	3.3	20	100.0%	5.1	44	100.0%	11.2	77	100.0%	19.6
Sex												
Male	12	92.3%	6.0	18	90.0%	9.0	35	79.5%	17.5	65	84.4%	32.5
Female	1	7.7%	0.5	2	10.0%	1.0	8	18.2%	4.1	11	14.3%	5.7
Race												
Black or African American	0	0.0%	-	0	0.0%	-	26	59.1%	-	26	33.8%	-
White	8	61.5%	2.3	9	45.0%	2.6	17	38.6%	4.9	34	44.2%	9.8
African American	4	30.8%	13.4	9	45.0%	30.1	0	0.0%	0.0	13	16.9%	43.5
Other	1	7.7%	-	1	5.0%	-	0	0.0%	-	2	2.6%	-
Unknown	0	0.0%	-	1	5.0%	-	1	2.3%	-	2	2.6%	-
Hispanic ethnicity												
Not Hispanic or Latino	0	0.0%	-	0	0.0%	-	34	77.3%	-	34	44.2%	-
Hispanic or Latino	0	0.0%	-	0	0.0%	-	9	20.5%	-	9	11.7%	-
Hispanic	2	15.4%	9.2	4	20.0%	18.3	0	0.0%	0.0	6	7.8%	27.5
Non Hispanic	10	76.9%	-	13	65.0%	-	0	0.0%	-	23	29.9%	-
Unknown	1	7.7%	-	3	15.0%	-	1	2.3%	-	5	6.5%	-
Age												
0-4	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%	-
10-14	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%	-
20-24	13	100.0%	3.3	20	100.0%	5.1	44	100.0%	11.2	77	100.0%	19.6
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	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%	-
50+	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%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

Wisconsin sexually transmitted disease surveillance report, 2019

Syphilis cases by disease stage

Persons 20-24 years of age

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	18	100.0%	4.6	0	-	0.0	0	0.0%	0.0	95	100.0%	24.2
Sex												
Male	14	77.8%	7.0	0	-	0.0	0	0.0%	0.0	79	83.2%	39.5
Female	3	16.7%	1.6	0	-	0.0	0	0.0%	0.0	14	14.7%	7.3
Race												
Black or African American	8	44.4%	-	0	-	-	0	0.0%	-	34	35.8%	-
White	10	55.6%	2.9	0	-	0.0	0	0.0%	0.0	44	46.3%	12.6
African American	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	13	13.7%	43.5
Other	0	0.0%	-	0	-	-	0	0.0%	-	2	2.1%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	2	2.1%	-
Hispanic ethnicity												
Not Hispanic or Latino	16	88.9%	-	0	-	-	0	0.0%	-	50	52.6%	-
Hispanic or Latino	2	11.1%	-	0	-	-	0	0.0%	-	11	11.6%	-
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	6	6.3%	27.5
Non Hispanic	0	0.0%	-	0	-	-	0	0.0%	-	23	24.2%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	5	5.3%	-
Age												
0-4	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%	-
10-14	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%	-
20-24	18	100.0%	4.6	0	0.0%	0.0	0	0.0%	0.0	95	100.0%	24.2
25-29	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
30-34	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
35-39	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
40-44	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%	-
50+	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%	-

* 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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