

Sexually Transmitted Disease in Wisconsin 2019



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases
STD Control Section
P-00415A (08/20)

Wisconsin sexually transmitted disease surveillance report, 2019

Southeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	15,800	100.0%	784	6,125	100.0%	304	358	100.0%	18	22,357	100.0%	1,110
Sex												
Male	5,294	33.5%	535	3,236	52.8%	327	290	81.0%	29	8,820	39.5%	891
Female	10,489	66.4%	1,024	2,880	47.0%	281	65	18.2%	6	13,508	60.4%	1,318
Unknown	17	0.1%	-	9	0.1%	-	0	0.0%	-	26	0.1%	-
Race												
White	4,051	25.6%	245	982	16.0%	59	138	38.5%	8	5,200	23.3%	315
African American	8,636	54.7%	2,916	4,241	69.2%	1,432	77	21.5%	26	12,992	58.1%	4,387
American Indian	60	0.4%	433	35	0.6%	253	0	0.0%	0	95	0.4%	686
Asian/Pacific Islander	190	1.2%	373	39	0.6%	77	2	0.6%	4	232	1.0%	455
Other	894	5.7%	-	200	3.3%	-	8	2.2%	-	1,106	4.9%	-
Unknown	1,969	12.5%	-	628	10.3%	-	8	2.2%	-	2,607	11.7%	-
Hispanic ethnicity												
Hispanic	1,547	9.8%	872	392	6.4%	221	17	4.7%	10	1,975	8.8%	1,114
Not Hispanic	9,572	60.6%	521	4,410	72.0%	240	101	28.2%	5	14,137	63.2%	770
Unknown	4,681	29.6%	-	1,323	21.6%	-	19	5.3%	-	6,024	26.9%	-
Age												
0-4	6	0.0%	4	2	0.0%	1	1	0.3%	1	9	0.0%	6
5-9	2	0.0%	1	2	0.0%	1	0	0.0%	0	4	0.0%	3
10-14	152	1.0%	111	75	1.2%	55	0	0.0%	0	227	1.0%	165
15-19	4,399	27.8%	3,035	1,317	21.5%	909	20	5.6%	14	5,751	25.7%	3,968
20-24	5,617	35.6%	4,220	1,629	26.6%	1,224	64	17.9%	48	7,335	32.8%	5,511
25-29	2,916	18.5%	2,362	1,226	20.0%	993	83	23.2%	67	4,238	19.0%	3,433
30-34	1,343	8.5%	1,124	693	11.3%	580	41	11.5%	34	2,084	9.3%	1,744
35-39	657	4.2%	492	423	6.9%	317	38	10.6%	28	1,124	5.0%	842
40-44	313	2.0%	212	263	4.3%	178	44	12.3%	30	625	2.8%	423
45-49	181	1.1%	111	167	2.7%	102	22	6.1%	13	373	1.7%	228
50+	212	1.3%	33	328	5.4%	52	45	12.6%	7	585	2.6%	92
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	15,800	100.0%	784	6,125	100.0%	304	358	100.0%	18	22,357	100.0%	1,110
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
Southeastern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southeastern												
Kenosha	978	6.2%	595	275	4.5%	167	17	4.7%	10	1,271	5.7%	773
Milwaukee	12,217	77.3%	1,282	5,182	84.6%	544	295	82.4%	31	17,756	79.4%	1,863
Ozaukee	135	0.9%	157	25	0.4%	29	4	1.1%	5	164	0.7%	191
Racine	955	6.0%	479	424	6.9%	213	19	5.3%	10	1,398	6.3%	701
Walworth	351	2.2%	348	50	0.8%	50	12	3.4%	12	416	1.9%	413
Washington	269	1.7%	208	31	0.5%	24	1	0.3%	1	301	1.3%	232
Waukesha	895	5.7%	235	138	2.3%	36	10	2.8%	3	1,051	4.7%	276
Region total	15,800	100.0%	784	6,125	100.0%	304	358	100.0%	18	22,357	100.0%	1,110
Total	15,800	100.0%	784	6,125	100.0%	304	358	100.0%	18	22,357	100.0%	1,110

* Cases per 100,000 population.

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

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	245	322	2,916	3,426	433	538	373	465
Gonorrhea	59	73	1,432	1,620	253	297	77	100
Other	2	2	13	13	0	0	2	2
SYPHILIS	8	9	26	27	0	0	4	4
Total	315	405	4,387	5,086	686	835	455	571

* 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

Southeastern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	49	100.0%	2.4	80	100.0%	4.0	151	100.0%	7.5	280	100.0%	13.9
Sex												
Male	47	95.9%	4.8	67	83.8%	6.8	123	81.5%	12.4	237	84.6%	24.0
Female	2	4.1%	0.2	13	16.3%	1.3	27	17.9%	2.6	42	15.0%	4.1
Race												
American Indian or Alaska	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Asian	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Black or African American	0	0.0%	-	0	0.0%	-	79	52.3%	-	79	28.2%	-
White	20	40.8%	1.2	23	28.8%	1.4	68	45.0%	4.1	111	39.6%	6.7
African American	24	49.0%	8.1	53	66.3%	17.9	0	0.0%	0.0	77	27.5%	26.0
Asian/Pacific Islander	2	4.1%	3.9	0	0.0%	0.0	0	0.0%	0.0	2	0.7%	3.9
Other	2	4.1%	-	2	2.5%	-	2	1.3%	-	6	2.1%	-
Unknown	1	2.0%	-	2	2.5%	-	2	1.3%	-	5	1.8%	-
Hispanic ethnicity												
Hispanic or Latino	0	0.0%	-	0	0.0%	-	25	16.6%	-	25	8.9%	-
Not Hispanic or Latino	0	0.0%	-	0	0.0%	-	121	80.1%	-	121	43.2%	-
Hispanic	10	20.4%	5.6	7	8.8%	3.9	0	0.0%	0.0	17	6.1%	9.6
Non Hispanic	37	75.5%	-	64	80.0%	-	0	0.0%	-	101	36.1%	-
Unknown	2	4.1%	-	9	11.3%	-	5	3.3%	-	16	5.7%	-
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	8	10.0%	5.5	10	6.6%	6.9	18	6.4%	12.4
20-24	7	14.3%	5.3	15	18.8%	11.3	35	23.2%	26.3	57	20.4%	42.8
25-29	11	22.4%	8.9	18	22.5%	14.6	33	21.9%	26.7	62	22.1%	50.2
30-34	8	16.3%	6.7	11	13.8%	9.2	19	12.6%	15.9	38	13.6%	31.8
35-39	6	12.2%	4.5	9	11.3%	6.7	13	8.6%	9.7	28	10.0%	21.0
40-44	7	14.3%	4.7	7	8.8%	4.7	20	13.2%	13.5	34	12.1%	23.0
45-49	7	14.3%	4.3	1	1.3%	0.6	5	3.3%	3.1	13	4.6%	7.9
50+	3	6.1%	0.5	11	13.8%	1.7	16	10.6%	2.5	30	10.7%	4.7
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-

* Cases per 100,000 population

** Primary, secondary and early latent cases.

Wisconsin sexually transmitted disease surveillance report, 2019

Syphilis cases by disease stage

Southeastern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	77	100.0%	3.8	0	-	0.0	1	100.0%	0.0	358	100.0%	17.8
Sex												
Male	53	68.8%	5.4	0	-	0.0	0	0.0%	0.0	290	81.0%	29.3
Female	22	28.6%	2.1	0	-	0.0	1	100.0%	0.1	65	18.2%	6.3
Race												
American Indian or Alaska	1	1.3%	-	0	-	-	0	0.0%	-	1	0.3%	-
Asian	1	1.3%	-	0	-	-	0	0.0%	-	1	0.3%	-
Black or African American	44	57.1%	-	0	-	-	0	0.0%	-	123	34.4%	-
White	27	35.1%	1.6	0	-	0.0	0	0.0%	0.0	138	38.5%	8.3
African American	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	77	21.5%	26.0
Asian/Pacific Islander	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	2	0.6%	3.9
Other	2	2.6%	-	0	-	-	0	0.0%	-	8	2.2%	-
Unknown	2	2.6%	-	0	-	-	1	100.0%	-	8	2.2%	-
Hispanic ethnicity												
Hispanic or Latino	5	6.5%	-	0	-	-	0	0.0%	-	30	8.4%	-
Not Hispanic or Latino	69	89.6%	-	0	-	-	1	100.0%	-	191	53.4%	-
Hispanic	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	17	4.7%	9.6
Non Hispanic	0	0.0%	-	0	-	-	0	0.0%	-	101	28.2%	-
Unknown	3	3.9%	-	0	-	-	0	0.0%	-	19	5.3%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	0.7	1	0.3%	0.7
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	2	2.6%	1.4	0	0.0%	0.0	0	0.0%	0.0	20	5.6%	13.8
20-24	7	9.1%	5.3	0	0.0%	0.0	0	0.0%	0.0	64	17.9%	48.1
25-29	21	27.3%	17.0	0	0.0%	0.0	0	0.0%	0.0	83	23.2%	67.2
30-34	3	3.9%	2.5	0	0.0%	0.0	0	0.0%	0.0	41	11.5%	34.3
35-39	10	13.0%	7.5	0	0.0%	0.0	0	0.0%	0.0	38	10.6%	28.5
40-44	10	13.0%	6.8	0	0.0%	0.0	0	0.0%	0.0	44	12.3%	29.8
45-49	9	11.7%	5.5	0	0.0%	0.0	0	0.0%	0.0	22	6.1%	13.4
50+	15	19.5%	2.4	0	0.0%	0.0	0	0.0%	0.0	45	12.6%	7.1
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.

For more information contact:

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