

Sexually Transmitted Disease in Wisconsin 2018



DEPARTMENT OF HEALTH SERVICES
Division of Public Health
Bureau of Communicable Diseases
STD Control Section
P-00415A (05/19)

Wisconsin sexually transmitted disease surveillance report, 2018

Southeastern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	14,540	100.0%	722	5,238	100.0%	260	272	100.0%	13	20,207	100.0%	1,003
Sex												
Male	4,919	33.8%	497	2,803	53.5%	283	217	79.8%	22	7,939	39.3%	803
Female	9,607	66.1%	938	2,431	46.4%	237	55	20.2%	5	12,250	60.6%	1,195
Unknown	14	0.1%	-	4	0.1%	-	0	0.0%	-	18	0.1%	-
Race												
White	3,759	25.9%	227	796	15.2%	48	92	33.8%	5	4,708	23.3%	285
African American	7,773	53.5%	2,625	3,561	68.0%	1,203	166	61.0%	56	11,572	57.3%	3,907
American Indian	54	0.4%	390	23	0.4%	166	0	0.0%	0	79	0.4%	571
Asian/Pacific Islander	130	0.9%	255	39	0.7%	77	5	1.8%	10	175	0.9%	347
Other	797	5.5%	-	150	2.9%	-	9	3.3%	-	973	4.8%	-
Unknown	2,027	13.9%	-	669	12.8%	-	0	0.0%	-	2,693	13.4%	-
Hispanic ethnicity												
Hispanic	1,337	9.2%	754	313	6.0%	177	40	14.7%	23	1,731	8.6%	976
Not Hispanic	8,972	61.7%	488	3,653	69.7%	199	232	85.2%	12	12,974	64.1%	706
Unknown	4,231	29.1%	-	1,272	24.3%	-	0	0.0%	-	5,505	27.3%	-
Age												
0-4	11	0.1%	8	2	0.0%	1	1	0.4%	1	14	0.1%	9
5-9	4	0.0%	3	3	0.1%	2	0	0.0%	0	7	0.0%	5
10-14	158	1.1%	115	73	1.4%	53	0	0.0%	0	232	1.1%	169
15-19	4,171	28.7%	2,878	1,250	23.9%	862	29	10.7%	20	5,477	27.1%	3,780
20-24	5,124	35.2%	3,850	1,419	27.1%	1,066	46	16.9%	35	6,636	32.8%	4,985
25-29	2,773	19.1%	2,246	995	19.0%	806	55	20.2%	45	3,865	19.1%	3,131
30-34	1,184	8.1%	991	592	11.3%	495	40	14.7%	33	1,830	9.1%	1,532
35-39	541	3.7%	405	313	6.0%	235	28	10.3%	21	896	4.4%	672
40-44	258	1.8%	175	170	3.2%	115	22	8.1%	15	454	2.2%	307
45-49	138	0.9%	84	161	3.1%	98	25	9.2%	15	328	1.6%	201
50+	177	1.2%	28	259	4.9%	41	26	9.6%	4	465	2.3%	73
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	14,540	100.0%	722	5,238	100.0%	260	272	100.0%	13	20,207	100.0%	1,003
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
Southeastern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southeastern												
Kenosha	855	5.9%	520	163	3.1%	99	14	5.2%	9	1,033	5.1%	628
Milwaukee	11,221	77.2%	1,177	4,552	86.9%	477	221	81.5%	23	16,139	79.9%	1,693
Ozaukee	115	0.8%	134	17	0.3%	20	4	1.5%	5	136	0.7%	158
Racine	890	6.1%	446	279	5.3%	140	12	4.4%	7	1,182	5.8%	593
Walworth	323	2.2%	321	43	0.8%	43	3	1.1%	3	372	1.8%	369
Washington	282	1.9%	218	29	0.6%	22	4	1.5%	3	316	1.6%	244
Waukesha	854	5.9%	224	155	3.0%	41	13	4.8%	4	1,029	5.1%	271
Region total	14,540	100.0%	722	5,238	100.0%	260	272	100.0%	13	20,207	100.0%	1,003
Total	14,540	100.0%	722	5,238	100.0%	260	272	100.0%	13	20,207	100.0%	1,003

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2018
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	227	306	2,625	3,117	390	467	255	316
Gonorrhea	48	62	1,203	1,388	166	192	77	98
Other	4	5	24	25	14	14	2	2
Syphilis	5	5	56	56	0	0	10	10
Total	284	378	3,908	4,586	571	674	343	427

* 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

Southeastern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate
Total												
Total	29	100.0%	1.4	41	100.0%	2.1	104	100.0%	5.2	174	100.0%	8.7
Sex												
Male	27	96.6%	2.8	36	87.8%	3.6	83	79.8%	8.4	146	83.9%	14.8
Female	2	3.4%	0.1	5	12.2%	0.5	21	20.2%	2.1	28	16.1%	2.7
Race												
White	11	37.9%	0.7	16	39.0%	1.0	33	31.7%	2.0	60	34.5%	3.6
African American	18	62.1%	6.1	23	56.1%	7.8	69	66.3%	23.3	110	63.2%	37.2
Asian/Pacific Islander	0	0.0%	0.0	1	2.4%	2.0	1	1.0%	2.0	2	1.1%	3.9
Other	0	0.0%	-	1	2.4%	-	1	1.0%	-	2	1.1%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Hispanic ethnicity												
Hispanic	2	6.9%	2.3	6	14.6%	3.3	10	9.6%	5.6	18	10.3%	10.1
Non Hispanic	27	93.1%	1.5	35	85.4%	1.9	94	90.4%	5.1	156	89.7%	8.5
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
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	4	13.8%	2.8	2	4.9%	1.4	17	16.3%	11.7	23	13.2%	15.8
20-24	3	10.3%	2.3	11	26.8%	8.3	19	18.3%	14.3	33	19.0%	24.8
25-29	9	31.0%	7.3	9	22.0%	7.3	19	18.3%	15.4	37	21.3%	30.0
30-34	4	13.8%	3.3	5	12.2%	4.2	15	14.4%	12.5	24	13.8%	20.1
35-39	2	6.9%	1.5	3	7.3%	2.3	12	11.5%	9.0	17	9.8%	12.8
40-44	2	6.9%	1.4	1	2.4%	0.7	12	11.5%	8.1	15	8.6%	10.2
45-49	2	6.9%	1.2	6	14.6%	3.7	2	1.9%	1.2	10	5.7%	6.7
50+	3	10.3%	0.5	4	9.87%	0.6	8	7.7%	1.3	15	8.6%	2.4
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

Southeastern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	97	100.0%	4.9	0	-	0.0	0	0.0%	0.0	272	100.0%	13.5
Sex												
Male	70	72.2%	7.1	0	-	0.0	0	0.0%	0.0	217	79.8%	21.8
Female	27	27.8%	2.6	0	-	0.0	0	0.0%	0.0	55	20.2%	5.6
Race												
White	31	32.0%	1.8	0	-	0.0	0	0.0%	0.0	92	33.8%	5.4
African American	56	57.7%	18.9	0	-	0.0	0	0.0%	0.0	166	61.0%	55.7
Asian/Pacific Islander	3	3.1%	5.9	0	-	0.0	0	0.0%	0.0	5	1.8%	10.0
Other	7	7.2%	-	0	-	-	0	0.0%	-	9	3.3%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
Hispanic ethnicity												
Hispanic	22	22.7%	12.4	0	-	0.0	0	0.0%	0.0	40	14.7%	22.7
Non Hispanic	75	77.3%	3.8	0	-	-	0	0.0%	-	232	85.3%	11.9
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	0	0.0%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	1	0.0%	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	6	6.2%	4.1	0	0.0%	0.0	0	0.0%	0.0	29	10.7%	20.3
20-24	13	13.4%	9.8	0	0.0%	0.0	0	0.0%	0.0	46	16.9%	34.8
25-29	18	18.6%	14.6	0	0.0%	0.0	0	0.0%	0.0	55	20.2%	44.8
30-34	16	16.5%	13.4	0	0.0%	0.0	0	0.0%	0.0	40	14.7%	33.2
35-39	11	11.3%	8.3	0	0.0%	0.0	0	0.0%	0.0	28	10.3%	21.0
40-44	7	7.2%	4.7	0	0.0%	0.0	0	0.0%	0.0	22	8.1%	14.7
45-49	15	15.5%	9.2	0	0.0%	0.0	0	0.0%	0.0	25	9.2%	15.4
50+	11	11.3%	1.7	0	0.0%	0.0	0	0.0%	0.0	26	9.6%	4.1
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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