

Sexually Transmitted Disease in Wisconsin 2017



Wisconsin sexually transmitted disease surveillance report, 2017

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	27,287	100.0%	485	7,610	100.0%	135	547	100.0%	10	35,470	100.0%	630
Sex												
Male	8,754	32.1%	313	3,930	51.6%	140	461	84.3%	16	13,145	37.1%	470
Female	18,514	67.8%	654	3,673	48.3%	130	82	15.0%	3	22,295	62.9%	788
Unknown	19	0.1%	-	7	0.1%	-	4	0.7%	-	30	0.1%	-
Race												
White	11,986	43.9%	236	1,775	23.3%	35	281	51.4%	6	14,055	39.6%	277
African American	7,600	27.9%	2,092	3,629	47.7%	999	184	33.6%	51	11,417	32.2%	3,143
American Indian	363	1.3%	605	68	0.9%	113	5	0.9%	8	437	1.2%	728
Asian/Pacific Islander	398	1.5%	323	73	1.0%	59	13	2.4%	11	486	1.4%	394
Other	987	3.6%	-	168	2.2%	-	18	3.3%	-	1,178	3.3%	-
Unknown	5,953	21.8%	-	1,897	24.9%	-	46	8.4%	-	7,897	22.3%	-
Hispanic ethnicity												
Hispanic	1,971	7.2%	690	369	4.8%	129	74	13.5%	26	2,419	6.8%	846
Not Hispanic	16,050	58.8%	300	4,227	55.5%	79	429	78.4%	8	20,725	58.4%	388
Unknown	9,266	34.0%	-	3,014	39.6%	-	44	8.0%	-	12,326	34.8%	-
Age												
0-4	7	0.0%	2	3	0.0%	1	3	0.5%	1	13	0.0%	4
5-9	1	0.0%	0	3	0.0%	1	0	0.0%	0	4	0.0%	1
10-14	187	0.7%	52	83	1.1%	23	1	0.2%	0	271	0.8%	75
15-19	7,303	26.8%	1,836	1,806	23.7%	454	36	6.6%	9	9,146	25.8%	2,299
20-24	10,479	38.4%	2,667	2,216	29.1%	564	106	19.4%	27	12,808	36.1%	3,260
25-29	5,032	18.4%	1,324	1,430	18.8%	376	126	23.0%	33	6,593	18.6%	1,735
30-34	2,154	7.9%	635	832	10.9%	245	73	13.3%	22	3,065	8.6%	903
35-39	1,068	3.9%	293	474	6.2%	130	54	9.9%	15	1,601	4.5%	438
40-44	478	1.8%	119	262	3.4%	65	37	6.8%	9	779	2.2%	193
45-49	246	0.9%	55	183	2.4%	41	42	7.7%	9	471	1.3%	104
50+	330	1.2%	18	318	4.2%	17	68	12.4%	4	716	2.0%	39
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Region of residence												
Northeastern	4,111	15.1%	341	665	8.7%	55	60	11.0%	5	4,840	13.6%	402
Northern	1,276	4.7%	264	139	1.8%	29	10	1.8%	2	1,425	4.0%	295
Southeastern	14,388	52.7%	714	5,511	72.4%	274	335	61.2%	17	20,242	57.1%	1,005
Southern	4,957	18.2%	427	1,036	13.6%	89	91	16.6%	8	6,098	17.2%	525
Western	2,554	9.4%	335	259	3.4%	34	51	9.3%	7	2,864	8.1%	375
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	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, 2017

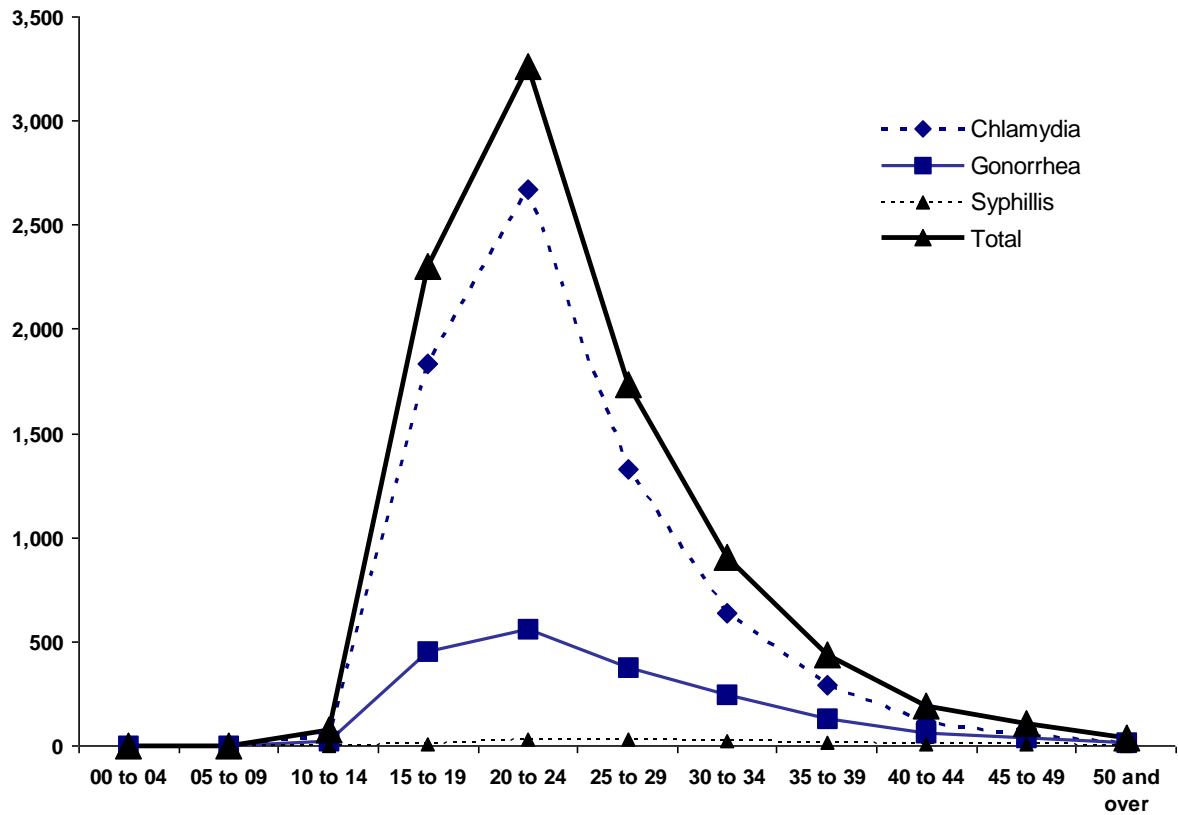
Reported cases by region and county

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Northeastern												
Brown	1,127	4.1%	460	195	2.6%	80	13	2.4%	5	1,335	3.8%	545
Calumet	127	0.5%	284	13	0.2%	29	4	0.7%	9	144	0.4%	322
Door	47	0.2%	169	2	0.0%	7	0	0.0%	0	49	0.1%	176
Fond du lac	319	1.2%	321	64	0.8%	64	6	1.1%	6	390	1.1%	392
Green Lake	43	0.2%	232	3	0.0%	16	1	0.2%	5	47	0.1%	253
Kewaunee	33	0.1%	162	2	0.0%	10	0	0.0%	0	35	0.1%	172
Manitowoc	215	0.8%	267	33	0.4%	41	2	0.4%	2	253	0.7%	314
Marinette	112	0.4%	265	13	0.2%	31	0	0.0%	0	125	0.4%	296
Marquette	33	0.1%	219	2	0.0%	13	1	0.2%	7	36	0.1%	239
Menominee	46	0.2%	1,006	3	0.0%	66	0	0.0%	0	49	0.1%	1,072
Oconto	73	0.3%	195	3	0.0%	8	3	0.5%	8	79	0.2%	211
Outagamie	644	2.4%	368	84	1.1%	48	12	2.2%	7	740	2.1%	423
Shawano	82	0.3%	200	5	0.1%	12	1	0.2%	2	88	0.2%	215
Sheboygan	378	1.4%	330	129	1.7%	113	3	0.5%	3	510	1.4%	445
Waupaca	129	0.5%	249	7	0.1%	13	1	0.2%	2	137	0.4%	264
Waushara	42	0.2%	170	3	0.0%	12	1	0.2%	4	46	0.1%	186
Winnebago	661	2.4%	408	104	1.4%	64	12	2.2%	7	777	2.2%	479
Region total	4,111	15.1%	341	665	8.7%	55	60	11.0%	5	4,840	13.6%	402
Northern												
Ashland	58	0.2%	356	2	0.0%	12	0	0.0%	0	60	0.2%	368
Bayfield	32	0.1%	214	1	0.0%	7	0	0.0%	0	33	0.1%	221
Florence	11	0.0%	236	0	0.0%	0	0	0.0%	0	11	0.0%	236
Forest	33	0.1%	335	1	0.0%	10	0	0.0%	0	34	0.1%	345
Iron	7	0.0%	113	1	0.0%	16	0	0.0%	0	8	0.0%	129
Langlade	35	0.1%	174	4	0.1%	20	0	0.0%	0	39	0.1%	193
Lincoln	49	0.2%	166	12	0.2%	41	0	0.0%	0	61	0.2%	207
Marathon	363	1.3%	277	48	0.6%	37	4	0.7%	3	415	1.2%	317
Oneida	73	0.3%	203	2	0.0%	6	0	0.0%	0	75	0.2%	208
Portage	250	0.9%	364	20	0.3%	29	3	0.5%	4	273	0.8%	397
Price	25	0.1%	175	0	0.0%	0	1	0.2%	7	26	0.1%	182
Sawyer	28	0.1%	164	4	0.1%	23	0	0.0%	0	32	0.1%	187
Taylor	39	0.1%	202	3	0.0%	16	0	0.0%	0	42	0.1%	218
Vilas	34	0.1%	155	5	0.1%	23	0	0.0%	0	39	0.1%	178
Wood	239	0.9%	324	36	0.5%	49	2	0.4%	3	277	0.8%	376
Region total	1,276	4.7%	264	139	1.8%	29	10	1.8%	2	1,425	4.0%	295
Southeastern												
Kenosha	887	3.3%	539	226	3.0%	137	20	3.7%	12	1,134	3.2%	690
Milwaukee	10,942	40.1%	1,148	4,726	62.1%	496	286	52.3%	30	15,958	45.0%	1,674
Ozaukee	127	0.5%	148	14	0.2%	16	2	0.4%	2	143	0.4%	167
Racine	941	3.4%	472	314	4.1%	157	14	2.6%	7	1,270	3.6%	637
Walworth	352	1.3%	349	42	0.6%	42	2	0.4%	2	396	1.1%	393
Washington	296	1.1%	229	43	0.6%	33	0	0.0%	0	340	1.0%	263
Waukesha	843	3.1%	221	146	1.9%	38	11	2.0%	3	1,001	2.8%	263
Region total	14,388	52.7%	714	5,511	72.4%	274	335	61.2%	17	20,242	57.1%	1,005

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	48	0.2%	236	2	0.0%	10	0	0.0%	0	50	0.1%	246
Columbia	163	0.6%	295	19	0.2%	34	3	0.5%	5	185	0.5%	335
Crawford	42	0.2%	249	1	0.0%	6	0	0.0%	0	43	0.1%	255
Dane	2,652	9.7%	549	605	8.0%	125	63	11.5%	13	3,328	9.4%	689
Dodge	171	0.6%	195	13	0.2%	15	8	1.5%	9	192	0.5%	218
Grant	182	0.7%	370	16	0.2%	32	2	0.4%	4	200	0.6%	406
Green	86	0.3%	238	5	0.1%	14	1	0.2%	3	92	0.3%	255
Iowa	40	0.1%	169	2	0.0%	8	2	0.4%	8	44	0.1%	186
Jefferson	221	0.8%	274	22	0.3%	27	4	0.7%	5	251	0.7%	311
Juneau	77	0.3%	289	7	0.1%	26	1	0.2%	4	85	0.2%	319
Lafayette	34	0.1%	214	3	0.0%	19	0	0.0%	0	37	0.1%	233
Richland	45	0.2%	250	3	0.0%	17	0	0.0%	0	48	0.1%	267
Rock	892	3.3%	557	308	4.0%	192	5	0.9%	3	1,205	3.4%	752
Sauk	240	0.9%	407	25	0.3%	42	2	0.4%	3	269	0.8%	456
Vernon	64	0.2%	220	5	0.1%	17	0	0.0%	0	69	0.2%	237
Region total	4,957	18.2%	427	1,036	13.6%	89	91	16.6%	8	6,098	17.2%	525
Western												
Barron	111	0.4%	243	12	0.2%	26	2	0.4%	4	125	0.4%	274
Buffalo	36	0.1%	262	0	0.0%	0	0	0.0%	0	36	0.1%	262
Burnett	16	0.1%	99	8	0.1%	49	2	0.4%	12	26	0.1%	161
Chippewa	175	0.6%	289	16	0.2%	26	8	1.5%	13	199	0.6%	329
Clark	89	0.3%	265	3	0.0%	9	0	0.0%	0	92	0.3%	274
Douglas	142	0.5%	324	25	0.3%	57	0	0.0%	0	167	0.5%	382
Dunn	176	0.6%	412	11	0.1%	26	3	0.5%	7	190	0.5%	445
Eau Claire	506	1.9%	515	64	0.8%	65	11	2.0%	11	581	1.6%	591
Jackson	63	0.2%	317	9	0.1%	45	1	0.2%	5	73	0.2%	367
La Crosse	495	1.8%	440	50	0.7%	44	5	0.9%	4	550	1.6%	488
Monroe	124	0.5%	286	6	0.1%	14	2	0.4%	5	132	0.4%	304
Pepin	14	0.1%	190	1	0.0%	14	0	0.0%	0	15	0.0%	204
Pierce	141	0.5%	350	22	0.3%	55	2	0.4%	5	165	0.5%	410
Polk	108	0.4%	244	7	0.1%	16	3	0.5%	7	118	0.3%	267
Rusk	30	0.1%	208	3	0.0%	21	0	0.0%	0	33	0.1%	229
Saint Croix	209	0.8%	253	16	0.2%	19	8	1.5%	10	233	0.7%	282
Trempealeau	98	0.4%	353	6	0.1%	22	3	0.5%	11	107	0.3%	385
Washburn	21	0.1%	126	0	0.0%	0	1	0.2%	6	22	0.1%	132
Region total	2,554	9.4%	335	259	3.4%	34	51	9.3%	7	2,864	8.1%	375
Unknown												
Unknown	1	0.0%	-	0	0.0%	-	0	0.0%	-	1	0.0%	-
Region total	1	0.0%		0	0.0%		0	0.0%		1	0.0%	
Total	27,287	100.0%	485	7,610	100.0%	135	547	100.0%	10	35,470	100.0%	630

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017 Age-specific sexually transmitted disease rates*



* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017

Unadjusted* and imputed** cases per 100,000 population by race

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	236	297	2,092	3,012	605	681	323	398
Gonorrhea	35	43	999	1,408	113	124	59	78
Other	0	0	1	1	2	2	2	2
Syphilis	6	6	51	55	8	8	11	11
Total	277	347	3,144	4,475	728	815	394	488

* 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, 2017

Syphilis cases by disease stage

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	70	100.0%	1.2	100	100.0%	1.8	205	100.0%	3.6	375	100.0%	6.7
Sex												
Male	68	97.1%	2.4	90	90.0%	3.2	179	87.3%	6.4	337	89.9%	12.0
Female	2	2.9%	0.1	10	10.0%	0.4	24	11.7%	0.8	36	9.6%	1.3
Race												
White	48	68.6%	0.9	52	52.0%	1.0	93	45.4%	1.8	193	51.5%	3.8
African American	12	17.1%	3.3	33	33.0%	9.1	80	39.0%	22.0	125	33.3%	34.4
American Indian	2	2.9%	3.3	0	0.0%	0.0	2	1.0%	3.3	4	1.1%	6.7
Asian/Pacific Islander	2	2.9%	1.6	3	3.0%	2.4	2	1.0%	1.6	7	1.9%	5.7
Other	2	2.9%	-	4	4.0%	-	6	2.9%	-	12	3.2%	-
Unknown	4	5.7%	-	8	8.0%	-	22	10.7%	-	34	9.1%	-
Hispanic ethnicity												
Hispanic	11	15.7%	3.8	9	9.0%	3.1	26	12.7%	9.1	46	12.3%	16.1
Non Hispanic	56	80.0%	-	85	85.0%	-	160	78.0%	-	301	80.3%	-
Unknown	3	4.3%	-	6	6.0%	-	19	9.3%	-	28	7.5%	-
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	1	1.0%	0.3	0	0.0%	0.0	1	0.3%	0.3
15-19	2	2.9%	0.5	6	6.0%	1.5	15	7.3%	3.8	23	6.1%	5.8
20-24	13	18.6%	3.3	21	21.0%	5.3	46	22.4%	11.7	80	21.3%	20.4
25-29	18	25.7%	4.7	20	20.0%	5.3	46	22.4%	12.1	84	22.4%	22.1
30-34	9	12.9%	2.7	17	17.0%	5.0	24	11.7%	7.1	50	13.3%	14.7
35-39	10	14.3%	2.7	5	5.0%	1.4	20	9.8%	5.5	35	9.3%	9.6
40-44	5	7.1%	1.2	5	5.0%	1.2	16	7.8%	4.0	26	6.9%	6.5
45-49	6	8.6%	1.3	6	6.0%	1.3	16	7.8%	3.5	28	7.5%	6.2
50+	7	10.0%	0.4	18	18.0%	1.0	22	10.7%	1.2	47	12.5%	2.6
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, 2017

Syphilis cases by disease stage

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	152	100.0%	2.7	0	-	0.0	3	100.0%	0.1	547	100.0%	9.7
Sex												
Male	119	78.3%	4.3	0	-	0.0	1	33.3%	0.0	461	84.3%	16.5
Female	31	20.4%	1.1	0	-	0.0	2	66.7%	0.1	82	15.0%	2.9
Race												
White	77	50.7%	1.5	0	-	0.0	2	66.7%	0.0	281	51.4%	5.5
African American	54	35.5%	14.9	0	-	0.0	1	33.3%	0.3	184	33.6%	50.7
American Indian	1	0.7%	1.7	0	-	0.0	0	0.0%	0.0	5	0.9%	8.3
Asian/Pacific Islander	3	2.0%	2.4	0	-	0.0	0	0.0%	0.0	13	2.4%	10.5
Other	6	3.9%	-	0	-	-	0	0.0%	-	18	3.3%	-
Unknown	11	7.2%	-	0	-	-	0	0.0%	-	46	8.4%	-
Hispanic ethnicity												
Hispanic	24	15.8%	8.4	0	-	0.0	1	33.3%	0.3	74	13.5%	25.9
Non Hispanic	113	74.3%	-	0	-	-	2	66.7%	-	429	78.4%	-
Unknown	15	9.9%	-	0	-	-	0	0.0%	-	44	8.0%	-
Age												
0-4	0	0.0%	0.0	0	0.0%	0.0	3	100.0%	0.8	3	0.5%	0.8
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	1	0.2%	0.3
15-19	12	7.9%	3.0	0	0.0%	0.0	0	0.0%	0.0	36	6.6%	9.0
20-24	24	15.8%	6.1	0	0.0%	0.0	0	0.0%	0.0	106	19.4%	27.0
25-29	36	23.7%	9.5	0	0.0%	0.0	0	0.0%	0.0	126	23.0%	33.2
30-34	21	13.8%	6.2	0	0.0%	0.0	0	0.0%	0.0	73	13.3%	21.5
35-39	16	10.5%	4.4	0	0.0%	0.0	0	0.0%	0.0	54	9.9%	14.8
40-44	10	6.6%	2.5	0	0.0%	0.0	0	0.0%	0.0	37	6.8%	9.2
45-49	13	8.6%	2.9	0	0.0%	0.0	0	0.0%	0.0	42	7.7%	9.3
50+	20	13.2%	1.1	0	0.0%	0.0	0	0.0%	0.0	68	12.4%	3.7
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:

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