

Sexually Transmitted Disease in Wisconsin 2017



Wisconsin sexually transmitted disease surveillance report, 2017

Persons 20-24 years of age

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	10,479	100.0%	2,667	2,216	100.0%	564	106	100.0%	27	12,808	100.0%	3,260
Sex												
Male	3,203	30.6%	1,602	1,043	47.1%	522	88	83.0%	44	4,334	33.8%	2,168
Female	7,266	69.3%	3,765	1,172	52.9%	607	18	17.0%	9	8,463	66.1%	4,385
Unknown	10	0.1%	-	1	0.0%	-	0	0.0%	-	11	0.1%	-
Race												
White	4,945	47.2%	1,420	538	24.3%	155	47	44.3%	13	5,534	43.2%	1,590
African American	2,688	25.7%	8,997	1,066	48.1%	3,568	42	39.6%	141	3,797	29.6%	12,710
American Indian	122	1.2%	2,421	19	0.9%	377	1	0.9%	20	142	1.1%	2,818
Asian/Pacific Islander	159	1.5%	1,621	27	1.2%	275	4	3.8%	41	191	1.5%	1,947
Other	390	3.7%	-	43	1.9%	-	5	4.7%	-	438	3.4%	-
Unknown	2,175	20.8%	-	523	23.6%	-	7	6.6%	-	2,706	21.1%	-
Hispanic ethnicity												
Hispanic	738	7.0%	3,381	101	4.6%	463	19	17.9%	87	858	6.7%	3,931
Not Hispanic	6,221	59.4%	1,677	1,275	57.5%	344	79	74.5%	21	7,581	59.2%	2,043
Unknown	3,520	33.6%	-	840	37.9%	-	8	7.5%	-	4,369	34.1%	-
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	10,479	100.0%	2,667	2,216	100.0%	564	106	100.0%	27	12,808	100.0%	3,260
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	1,659	15.8%	2,140	226	10.2%	292	8	7.5%	10	1,895	14.8%	2,445
Northern	514	4.9%	1,620	41	1.9%	129	3	2.8%	9	558	4.4%	1,759
Southeastern	5,157	49.2%	3,875	1,549	69.9%	1,164	71	67.0%	53	6,778	52.9%	5,093
Southern	2,008	19.2%	2,251	309	13.9%	346	17	16.0%	19	2,338	18.3%	2,621
Western	1,141	10.9%	1,860	91	4.1%	148	7	6.6%	11	1,239	9.7%	2,020
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, 2017

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	409	3.9%	2,472	66	3.0%	399	1	0.9%	6	476	3.7%	2,877
Calumet	52	0.5%	2,080	5	0.2%	200	0	0.0%	0	57	0.4%	2,280
Door	13	0.1%	957	0	0.0%	0	0	0.0%	0	13	0.1%	957
Fond du lac	135	1.3%	2,029	26	1.2%	391	1	0.9%	15	162	1.3%	2,435
Green Lake	21	0.2%	2,181	1	0.0%	104	1	0.9%	104	23	0.2%	2,388
Kewaunee	15	0.1%	1,219	0	0.0%	0	0	0.0%	0	15	0.1%	1,219
Manitowoc	94	0.9%	2,013	12	0.5%	257	0	0.0%	0	108	0.8%	2,313
Marinette	49	0.5%	1,848	2	0.1%	75	0	0.0%	0	51	0.4%	1,923
Marquette	19	0.2%	2,393	0	0.0%	0	0	0.0%	0	19	0.1%	2,393
Menominee	15	0.1%	4,202	0	0.0%	0	0	0.0%	0	15	0.1%	4,202
Oconto	26	0.2%	1,222	1	0.0%	47	0	0.0%	0	27	0.2%	1,269
Outagamie	265	2.5%	2,337	29	1.3%	256	3	2.8%	26	297	2.3%	2,619
Shawano	35	0.3%	1,556	2	0.1%	89	0	0.0%	0	37	0.3%	1,644
Sheboygan	139	1.3%	2,040	41	1.9%	602	1	0.9%	15	181	1.4%	2,656
Waupaca	45	0.4%	1,604	2	0.1%	71	0	0.0%	0	47	0.4%	1,676
Waushara	16	0.2%	1,047	2	0.1%	131	1	0.9%	65	19	0.1%	1,243
Winnebago	311	3.0%	2,407	37	1.7%	286	0	0.0%	0	348	2.7%	2,693
Region total	1,659	15.8%	2,140	226	10.2%	292	8	7.5%	10	1,895	14.8%	2,445
Northern												
Ashland	25	0.2%	1,932	1	0.0%	77	0	0.0%	0	26	0.2%	2,009
Bayfield	11	0.1%	1,215	0	0.0%	0	0	0.0%	0	11	0.1%	1,215
Florence	7	0.1%	3,125	0	0.0%	0	0	0.0%	0	7	0.1%	3,125
Forest	9	0.1%	1,500	0	0.0%	0	0	0.0%	0	9	0.1%	1,500
Iron	4	0.0%	1,329	0	0.0%	0	0	0.0%	0	4	0.0%	1,329
Langlade	17	0.2%	1,573	0	0.0%	0	0	0.0%	0	17	0.1%	1,573
Lincoln	19	0.2%	1,196	1	0.0%	63	0	0.0%	0	20	0.2%	1,259
Marathon	133	1.3%	1,739	14	0.6%	183	1	0.9%	13	148	1.2%	1,935
Oneida	37	0.4%	1,857	0	0.0%	0	0	0.0%	0	37	0.3%	1,857
Portage	115	1.1%	1,419	8	0.4%	99	2	1.9%	25	125	1.0%	1,543
Price	12	0.1%	1,598	0	0.0%	0	0	0.0%	0	12	0.1%	1,598
Sawyer	3	0.0%	313	1	0.0%	104	0	0.0%	0	4	0.0%	418
Taylor	13	0.1%	1,174	1	0.0%	90	0	0.0%	0	14	0.1%	1,265
Vilas	8	0.1%	777	1	0.0%	97	0	0.0%	0	9	0.1%	874
Wood	101	1.0%	2,437	14	0.6%	338	0	0.0%	0	115	0.9%	2,774
Region total	514	4.9%	1,620	41	1.9%	129	3	2.8%	9	558	4.4%	1,759
Southeastern												
Kenosha	325	3.1%	3,067	66	3.0%	623	6	5.7%	57	398	3.1%	3,755
Milwaukee	3,800	36.3%	5,917	1,332	60.1%	2,074	59	55.7%	92	5,191	40.5%	8,083
Ozaukee	48	0.5%	843	4	0.2%	70	0	0.0%	0	52	0.4%	914
Racine	334	3.2%	2,706	83	3.7%	673	3	2.8%	24	420	3.3%	3,403
Walworth	174	1.7%	1,956	17	0.8%	191	1	0.9%	11	192	1.5%	2,159
Washington	122	1.2%	1,605	11	0.5%	145	0	0.0%	0	133	1.0%	1,750
Waukesha	354	3.4%	1,491	36	1.6%	152	2	1.9%	8	392	3.1%	1,651
Region total	5,157	49.2%	3,875	1,549	69.9%	1,164	71	67.0%	53	6,778	52.9%	5,093

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	20	0.2%	2,020	0	0.0%	0	0	0.0%	0	20	0.2%	2,020
Columbia	73	0.7%	2,301	6	0.3%	189	2	1.9%	63	81	0.6%	2,553
Crawford	20	0.2%	1,711	0	0.0%	0	0	0.0%	0	20	0.2%	1,711
Dane	1,121	10.7%	2,455	183	8.3%	401	11	10.4%	24	1,317	10.3%	2,884
Dodge	65	0.6%	1,148	2	0.1%	35	2	1.9%	35	69	0.5%	1,219
Grant	98	0.9%	1,811	7	0.3%	129	0	0.0%	0	105	0.8%	1,940
Green	31	0.3%	1,523	1	0.0%	49	0	0.0%	0	32	0.2%	1,572
Iowa	12	0.1%	906	0	0.0%	0	0	0.0%	0	12	0.1%	906
Jefferson	78	0.7%	1,430	8	0.4%	147	1	0.9%	18	89	0.7%	1,632
Juneau	31	0.3%	1,871	0	0.0%	0	0	0.0%	0	31	0.2%	1,871
Lafayette	9	0.1%	882	0	0.0%	0	0	0.0%	0	9	0.1%	882
Richland	15	0.1%	1,448	0	0.0%	0	0	0.0%	0	15	0.1%	1,448
Rock	326	3.1%	3,377	90	4.1%	932	1	0.9%	10	417	3.3%	4,319
Sauk	91	0.9%	2,754	11	0.5%	333	0	0.0%	0	102	0.8%	3,087
Vernon	18	0.2%	1,085	1	0.0%	60	0	0.0%	0	19	0.1%	1,145
Region total	2,008	19.2%	2,251	309	13.9%	346	17	16.0%	19	2,338	18.3%	2,621
Western												
Barron	54	0.5%	2,045	5	0.2%	189	1	0.9%	38	60	0.5%	2,273
Buffalo	18	0.2%	2,372	0	0.0%	0	0	0.0%	0	18	0.1%	2,372
Burnett	8	0.1%	1,040	0	0.0%	0	1	0.9%	130	9	0.1%	1,170
Chippewa	56	0.5%	1,389	6	0.3%	149	0	0.0%	0	62	0.5%	1,537
Clark	29	0.3%	1,631	2	0.1%	112	0	0.0%	0	31	0.2%	1,744
Douglas	57	0.5%	1,865	9	0.4%	295	0	0.0%	0	66	0.5%	2,160
Dunn	94	0.9%	1,635	6	0.3%	104	1	0.9%	17	101	0.8%	1,757
Eau Claire	226	2.2%	1,998	22	1.0%	194	3	2.8%	27	251	2.0%	2,219
Jackson	26	0.2%	1,927	1	0.0%	74	0	0.0%	0	27	0.2%	2,001
La Crosse	258	2.5%	2,208	18	0.8%	154	0	0.0%	0	276	2.2%	2,362
Monroe	51	0.5%	2,013	2	0.1%	79	0	0.0%	0	53	0.4%	2,092
Pepin	11	0.1%	2,366	0	0.0%	0	0	0.0%	0	11	0.1%	2,366
Pierce	76	0.7%	1,686	9	0.4%	200	0	0.0%	0	85	0.7%	1,886
Polk	34	0.3%	1,364	3	0.1%	120	0	0.0%	0	37	0.3%	1,484
Rusk	10	0.1%	1,127	1	0.0%	113	0	0.0%	0	11	0.1%	1,240
Saint Croix	91	0.9%	1,835	5	0.2%	101	1	0.9%	20	97	0.8%	1,956
Trempealeau	35	0.3%	2,407	2	0.1%	138	0	0.0%	0	37	0.3%	2,545
Washburn	7	0.1%	778	0	0.0%	0	0	0.0%	0	7	0.1%	778
Region total	1,141	10.9%	1,860	91	4.1%	148	7	6.6%	11	1,239	9.7%	2,020
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	10,479	100.0%	2,667	2,216	100.0%	564	106	100.0%	27	12,808	100.0%	3,260

* Cases per 100,000 population.

Wisconsin sexually transmitted disease surveillance report, 2017
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	1,420	1,796	8,997	12,853	2,421	2,861	1,621	2,024
Gonorrhea	155	184	3,568	5,015	377	423	275	370
Other	1	1	3	3	0	0	10	10
Syphilis	13	15	141	158	20	20	41	42
Total	1,590	1,996	12,710	18,029	2,818	3,304	1,947	2,446

* 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

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	21	100.0%	5.3	46	100.0%	11.7	80	100.0%	20.4
Sex												
Male	12	92.3%	6.0	19	90.5%	9.5	37	80.4%	18.5	68	85.0%	34.0
Female	1	7.7%	0.5	2	9.5%	1.0	9	19.6%	4.7	12	15.0%	6.2
Race												
White	8	61.5%	2.3	9	42.9%	2.6	14	30.4%	4.0	31	38.8%	8.9
African American	2	15.4%	6.7	9	42.9%	30.1	25	54.3%	83.7	36	45.0%	120.5
American Indian	0	0.0%	0.0	0	0.0%	0.0	1	2.2%	19.8	1	1.3%	19.8
Asian/Pacific Islander	0	0.0%	0.0	0	0.0%	0.0	2	4.3%	20.4	2	2.5%	20.4
Other	2	15.4%	-	0	0.0%	-	2	4.3%	-	4	5.0%	-
Unknown	1	7.7%	-	3	14.3%	-	2	4.3%	-	6	7.5%	-
Hispanic ethnicity												
Hispanic	5	38.5%	22.9	2	9.5%	9.2	6	13.0%	27.5	13	16.3%	59.6
Non Hispanic	8	61.5%	-	17	81.0%	-	37	80.4%	-	62	77.5%	-
Unknown	0	0.0%	-	2	9.5%	-	3	6.5%	-	5	6.3%	-
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	13	100.0%	3.3	21	100.0%	5.3	46	100.0%	11.7	80	100.0%	20.4
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, 2017

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	24	100.0%	6.1	0	-	0.0	0	0.0%	0.0	106	100.0%	27.0
Sex												
Male	18	75.0%	9.0	0	-	0.0	0	0.0%	0.0	88	83.0%	44.0
Female	6	25.0%	3.1	0	-	0.0	0	0.0%	0.0	18	17.0%	9.3
Race												
White	15	62.5%	4.3	0	-	0.0	0	0.0%	0.0	47	44.3%	13.5
African American	6	25.0%	20.1	0	-	0.0	0	0.0%	0.0	42	39.6%	140.6
American Indian	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	0.9%	19.8
Asian/Pacific Islander	1	4.2%	10.2	0	-	0.0	0	0.0%	0.0	4	3.8%	40.8
Other	1	4.2%	-	0	-	-	0	0.0%	-	5	4.7%	-
Unknown	1	4.2%	-	0	-	-	0	0.0%	-	7	6.6%	-
Hispanic ethnicity												
Hispanic	6	25.0%	27.5	0	-	0.0	0	0.0%	0.0	19	17.9%	87.0
Non Hispanic	15	62.5%	-	0	-	-	0	0.0%	-	79	74.5%	-
Unknown	3	12.5%	-	0	-	-	0	0.0%	-	8	7.5%	-
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	24	100.0%	6.1	0	0.0%	0.0	0	0.0%	0.0	106	100.0%	27.0
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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