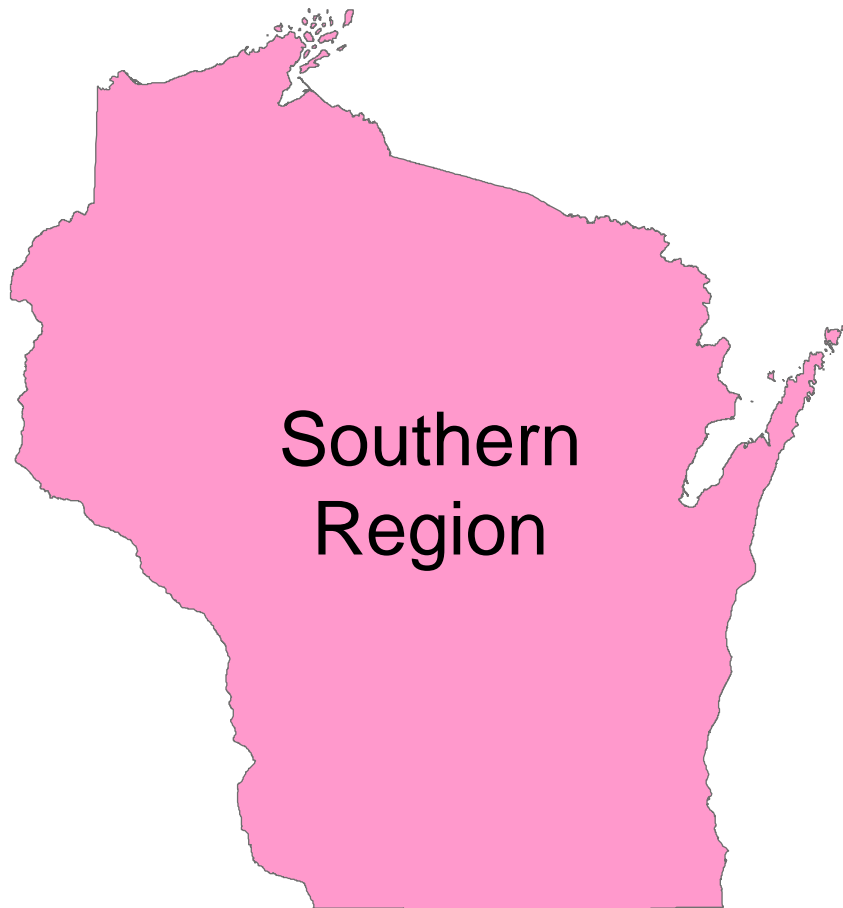


Sexually Transmitted Disease in Wisconsin 2016



Wisconsin sexually transmitted disease surveillance report, 2016

Southern Region

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	4,424	100.0%	381	754	100.0%	65	80	100.0%	7	5,284	100.0%	455
Sex												
Male	1,453	32.8%	249	430	57.0%	74	74	92.5%	13	1,957	37.0%	335
Female	2,968	67.1%	514	323	42.8%	56	6	7.5%	1	3,322	62.9%	575
Unknown	3	0.1%	-	1	0.1%	-	0	0.0%	-	5	0.1%	-
Race												
White	2,746	62.1%	253	382	50.7%	35	57	71.3%	5	3,196	60.5%	294
African American	861	19.5%	2,144	270	35.8%	672	15	18.8%	37	1,148	21.7%	2,858
American Indian	34	0.8%	557	2	0.3%	33	0	0.0%	0	36	0.7%	590
Asian/Pacific Islander	90	2.0%	324	12	1.6%	43	3	3.8%	11	105	2.0%	378
Other	133	3.0%	-	23	3.1%	-	1	1.3%	-	164	3.1%	-
Unknown	560	12.7%	-	65	8.6%	-	4	5.0%	-	635	12.0%	-
Hispanic ethnicity												
Hispanic	357	8.1%	741	48	6.4%	100	7	8.8%	15	419	7.9%	869
Not Hispanic	3,458	78.2%	311	641	85.0%	58	71	88.8%	6	4,182	79.1%	376
Unknown	609	13.8%	-	65	8.6%	-	2	2.5%	-	683	12.9%	-
Age												
0-4	2	0.0%	3	0	0.0%	0	0	0.0%	0	2	0.0%	3
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	20	0.5%	28	5	0.7%	7	0	0.0%	0	26	0.5%	37
15-19	1,150	26.0%	1,420	159	21.1%	196	3	3.8%	4	1,315	24.9%	1,624
20-24	1,789	40.4%	2,005	235	31.2%	263	17	21.3%	19	2,046	38.7%	2,293
25-29	780	17.6%	925	168	22.3%	199	11	13.8%	13	965	18.3%	1,144
30-34	363	8.2%	478	89	11.8%	117	19	23.8%	25	479	9.1%	630
35-39	172	3.9%	217	40	5.3%	50	6	7.5%	8	220	4.2%	278
40-44	75	1.7%	91	25	3.3%	30	3	3.8%	4	103	1.9%	125
45-49	36	0.8%	39	19	2.5%	21	4	5.0%	4	60	1.1%	66
50+	37	0.8%	10	14	1.9%	4	17	21.3%	5	68	1.3%	19
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	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Southern	4,424	100.0%	381	754	100.0%	65	80	100.0%	7	5,284	100.0%	455
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, 2016
Reported cases by region and county
Southern Region

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Southern												
Adams	30	0.7%	148	2	0.3%	10	0	0.0%	0	32	0.6%	157
Columbia	140	3.2%	254	14	1.9%	25	2	2.5%	4	156	3.0%	283
Crawford	32	0.7%	190	2	0.3%	12	0	0.0%	0	34	0.6%	201
Dane	2,324	52.5%	481	431	57.2%	89	61	76.3%	13	2,827	53.5%	586
Dodge	181	4.1%	206	13	1.7%	15	2	2.5%	2	200	3.8%	228
Grant	123	2.8%	250	12	1.6%	24	0	0.0%	0	135	2.6%	274
Green	88	2.0%	244	7	0.9%	19	2	2.5%	6	97	1.8%	269
Iowa	41	0.9%	174	4	0.5%	17	1	1.3%	4	46	0.9%	195
Jefferson	209	4.7%	259	18	2.4%	22	4	5.0%	5	238	4.5%	295
Juneau	73	1.7%	274	0	0.0%	0	0	0.0%	0	73	1.4%	274
Lafayette	26	0.6%	164	1	0.1%	6	0	0.0%	0	27	0.5%	170
Richland	27	0.6%	150	0	0.0%	0	0	0.0%	0	27	0.5%	150
Rock	842	19.0%	526	232	30.8%	145	7	8.8%	4	1,081	20.5%	675
Sauk	227	5.1%	385	17	2.3%	29	1	1.3%	2	249	4.7%	422
Vernon	61	1.4%	210	1	0.1%	3	0	0.0%	0	62	1.2%	213
Region total	4,424	100.0%	381	754	100.0%	65	80	100.0%	7	5,284	100.0%	455
Total	4,424	100.0%	381	754	100.0%	65	80	100.0%	7	5,284	100.0%	455

* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016
Unadjusted* and imputed cases per 100,000 population by race**
Southern Region

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	253	296	2,144	2,446	557	630	324	406
Gonorrhea	35	39	672	717	33	33	43	45
Other	1	1	5	5	0	0	0	0
Syphilis	5	5	37	38	0	0	11	11
Total	294	341	2,858	3,205	590	663	378	462

* 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 underestimates 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.

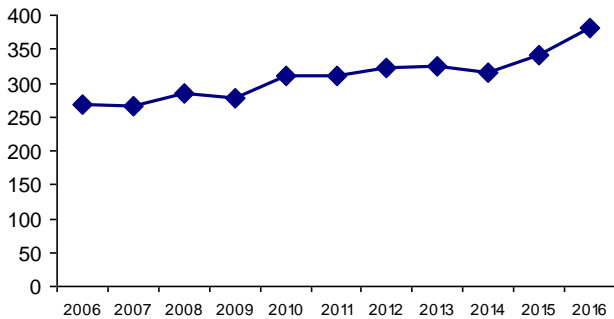
Wisconsin sexually transmitted disease surveillance report, 2016

Reported cases by year of diagnosis, past 10 years

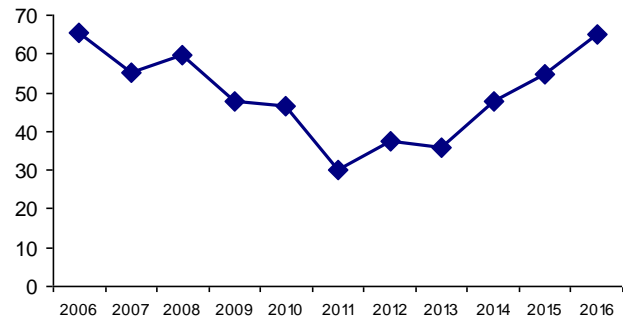
Southern Region

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2007	3,068	266	635	55	11	1	3,714	322
2008	3,311	285	693	60	29	2	4,033	347
2009	3,234	278	555	48	24	2	3,813	328
2010	3,600	310	541	47	33	3	4,174	359
2011	3,594	309	349	30	41	4	3,984	343
2012	3,741	322	434	37	43	4	4,218	363
2013	3,765	324	417	36	38	3	4,225	364
2014	3,659	315	553	48	54	5	4,266	367
2015	3,967	342	635	55	42	4	4,644	400
2016	4,424	381	754	65	60	5	5,264	453

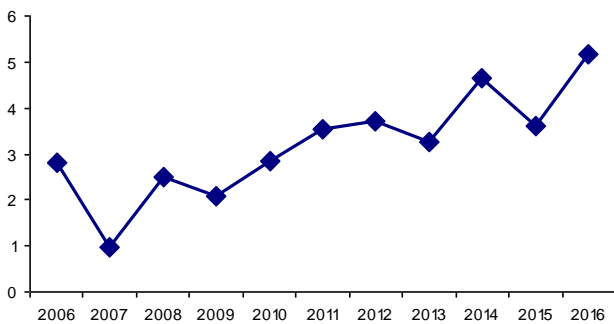
Chlamydia rate*



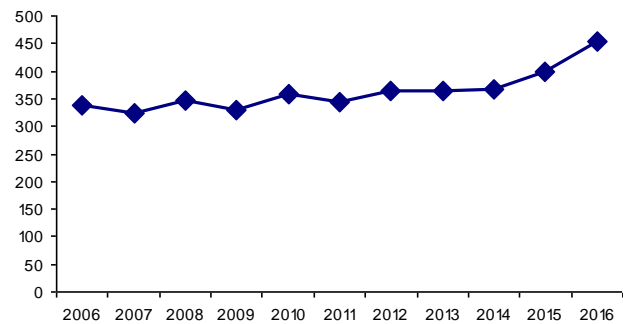
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016

Syphilis cases by disease stage

Southern Region

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	18	100.0%	1.5	24	100.0%	2.1	18	100.0%	1.5	60	100.0%	5.2
Sex												
Male	18	100.0%	3.1	23	95.8%	3.9	16	88.9%	2.7	57	95.0%	9.8
Female	0	0.0%	0.0	1	4.2%	0.2	2	11.1%	0.3	3	5.0%	0.5
Race												
White	15	83.3%	1.4	18	75.0%	1.7	12	66.7%	1.1	45	75.0%	4.1
African American	1	5.6%	2.5	4	16.7%	10.0	4	22.2%	10.0	9	15.0%	22.4
Asian/Pacific Islander	1	5.6%	3.6	1	4.2%	3.6	0	0.0%	0.0	2	3.3%	7.2
Other	0	0.0%	-	0	0.0%	-	1	5.6%	-	1	1.7%	-
Unknown	1	5.6%	-	1	4.2%	-	1	5.6%	-	3	5.0%	-
Hispanic ethnicity												
Hispanic	1	5.6%	2.1	1	4.2%	2.1	2	11.1%	4.1	4	6.7%	8.3
Non Hispanic	16	88.9%	-	23	95.8%	-	16	88.9%	-	55	91.7%	-
Unknown	1	5.6%	-	0	0.0%	-	0	0.0%	-	1	1.7%	-
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	1	5.6%	1.2	1	4.2%	1.2	0	0.0%	0.0	2	3.3%	2.5
20-24	3	16.7%	3.4	6	25.0%	6.7	5	27.8%	5.6	14	23.3%	15.7
25-29	1	5.6%	1.2	2	8.3%	2.4	2	11.1%	2.4	5	8.3%	5.9
30-34	5	27.8%	6.6	3	12.5%	3.9	8	44.4%	10.5	16	26.7%	21.1
35-39	0	0.0%	0.0	4	16.7%	5.0	1	5.6%	1.3	5	8.3%	6.3
40-44	0	0.0%	0.0	2	8.3%	2.4	0	0.0%	0.0	2	3.3%	2.4
45-49	2	11.1%	2.2	1	4.2%	1.1	0	0.0%	0.0	3	5.0%	3.3
50+	6	33.3%	1.7	5	20.8%	1.4	2	11.1%	0.6	13	21.7%	3.6
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, 2016

Syphilis cases by disease stage

Southern Region

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	20	100.0%	1.7	0	-	0.0	0	0.0%	0.0	80	100.0%	6.9
Sex												
Male	17	85.0%	2.9	0	-	0.0	0	0.0%	0.0	74	92.5%	12.7
Female	3	15.0%	0.5	0	-	0.0	0	0.0%	0.0	6	7.5%	1.0
Race												
White	12	60.0%	1.1	0	-	0.0	0	0.0%	0.0	57	71.3%	5.2
African American	6	30.0%	14.9	0	-	0.0	0	0.0%	0.0	15	18.8%	37.3
Asian/Pacific Islander	1	5.0%	3.6	0	-	0.0	0	0.0%	0.0	3	3.8%	10.8
Other	0	0.0%	-	0	-	-	0	0.0%	-	1	1.3%	-
Unknown	1	5.0%	-	0	-	-	0	0.0%	-	4	5.0%	-
Hispanic ethnicity												
Hispanic	3	15.0%	6.2	0	-	0.0	0	0.0%	0.0	7	8.8%	14.5
Non Hispanic	16	80.0%	-	0	-	-	0	0.0%	-	71	88.8%	-
Unknown	1	5.0%	-	0	-	-	0	0.0%	-	2	2.5%	-
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	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
15-19	1	5.0%	1.2	0	0.0%	0.0	0	0.0%	0.0	3	3.8%	3.7
20-24	3	15.0%	3.4	0	0.0%	0.0	0	0.0%	0.0	17	21.3%	19.1
25-29	6	30.0%	7.1	0	0.0%	0.0	0	0.0%	0.0	11	13.8%	13.0
30-34	3	15.0%	3.9	0	0.0%	0.0	0	0.0%	0.0	19	23.8%	25.0
35-39	1	5.0%	1.3	0	0.0%	0.0	0	0.0%	0.0	6	7.5%	7.6
40-44	1	5.0%	1.2	0	0.0%	0.0	0	0.0%	0.0	3	3.8%	3.6
45-49	1	5.0%	1.1	0	0.0%	0.0	0	0.0%	0.0	4	5.0%	4.4
50+	4	20.0%	1.1	0	0.0%	0.0	0	0.0%	0.0	17	21.3%	4.7
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.

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