

Sexually Transmitted Disease in Wisconsin 2016



Wisconsin sexually transmitted disease surveillance report, 2016

Persons 20-24 years of age, Milwaukee County

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	3,867	100.0%	6,021	1,325	100.0%	2,063	38	100.0%	59	5,230	100.0%	8,144
Sex												
Male	1,179	30.5%	3,662	633	47.8%	1,966	32	84.2%	99	1,844	35.3%	5,727
Female	2,685	69.4%	8,385	692	52.2%	2,161	6	15.8%	19	3,383	64.7%	10,565
Unknown	3	0.1%	-	0	0.0%	-	0	0.0%	-	3	0.1%	-
Race												
White	568	14.7%	1,347	90	6.8%	213	7	18.4%	17	665	12.7%	1,577
African American	1,839	47.6%	9,486	790	59.6%	4,075	24	63.2%	124	2,653	50.7%	13,685
American Indian	7	0.2%	1,067	4	0.3%	610	1	2.6%	152	12	0.2%	1,829
Asian/Pacific Islander	32	0.8%	1,589	9	0.7%	447	0	0.0%	0	41	0.8%	2,036
Other	180	4.7%	-	31	2.3%	-	1	2.6%	-	212	4.1%	-
Unknown	1,241	32.1%	-	401	30.3%	-	5	13.2%	-	1,647	31.5%	-
Hispanic ethnicity												
Hispanic	174	4.5%	2,064	28	2.1%	332	5	13.2%	59	207	4.0%	2,455
Not Hispanic	1,039	26.9%	1,862	440	33.2%	789	30	78.9%	54	1,509	28.9%	2,705
Unknown	2,654	68.6%	-	857	64.7%	-	3	7.9%	-	3,514	67.2%	-
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	3,867	100.0%	6,021	1,325	100.0%	2,063	38	100.0%	59	5,230	100.0%	8,144
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	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	3,867	100.0%	6,021	1,325	100.0%	2,063	38	100.0%	59	5,230	100.0%	8,144
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

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Reported cases by zip code

Milwaukee County

Zip code/Post Office	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
53110 Cudahy	19	0.5%	102	6	0.5%	32	0	0.0%	0	25	0.5%	134
53129 Greendale	10	0.3%	73	1	0.1%	7	0	0.0%	0	11	0.2%	80
53130 Hales Corners	9	0.2%	121	0	0.0%	0	0	0.0%	0	9	0.2%	121
53132 Franklin	58	1.5%	174	13	1.0%	39	0	0.0%	0	71	1.4%	213
53154 Oak Creek	36	0.9%	110	3	0.2%	9	0	0.0%	0	39	0.7%	120
53172 South Milwaukee	36	0.9%	171	9	0.7%	43	0	0.0%	0	45	0.9%	214
53202 Milwaukee	53	1.4%	255	13	1.0%	63	0	0.0%	0	66	1.3%	318
53203 Milwaukee	4	0.1%	1,205	2	0.2%	602	1	2.6%	301	7	0.1%	2,108
53204 Milwaukee	209	5.4%	498	56	4.2%	133	2	5.3%	5	267	5.1%	636
53205 Milwaukee	109	2.8%	1,013	38	2.9%	353	2	5.3%	19	149	2.8%	1,384
53206 Milwaukee	285	7.4%	876	128	9.7%	393	2	5.3%	6	415	7.9%	1,276
53207 Milwaukee	41	1.1%	114	12	0.9%	33	0	0.0%	0	53	1.0%	147
53208 Milwaukee	229	5.9%	658	93	7.0%	267	3	7.9%	9	325	6.2%	934
53209 Milwaukee	351	9.1%	727	154	11.6%	319	4	10.5%	8	509	9.7%	1,054
53210 Milwaukee	227	5.9%	752	103	7.8%	341	4	10.5%	13	334	6.4%	1,106
53211 Milwaukee	117	3.0%	338	18	1.4%	52	1	2.6%	3	136	2.6%	393
53212 Milwaukee	217	5.6%	712	90	6.8%	295	4	10.5%	13	311	5.9%	1,020
53213 Milwaukee	34	0.9%	134	3	0.2%	12	0	0.0%	0	37	0.7%	145
53214 Milwaukee	59	1.5%	168	16	1.2%	46	1	2.6%	3	76	1.5%	217
53215 Milwaukee	257	6.6%	473	63	4.8%	116	1	2.6%	2	321	6.1%	590
53216 Milwaukee	248	6.4%	740	109	8.2%	325	2	5.3%	6	359	6.9%	1,071
53217 Milwaukee	19	0.5%	67	3	0.2%	11	0	0.0%	0	22	0.4%	77
53218 Milwaukee	298	7.7%	743	138	10.4%	344	3	7.9%	7	439	8.4%	1,095
53219 Milwaukee	78	2.0%	234	16	1.2%	48	0	0.0%	0	94	1.8%	282
53220 Milwaukee	44	1.1%	173	5	0.4%	20	2	5.3%	8	51	1.0%	200
53221 Milwaukee	64	1.7%	181	13	1.0%	37	0	0.0%	0	77	1.5%	217
53222 Milwaukee	62	1.6%	253	18	1.4%	73	1	2.6%	4	81	1.5%	330
53223 Milwaukee	141	3.6%	482	46	3.5%	157	0	0.0%	0	187	3.6%	639
53224 Milwaukee	127	3.3%	657	33	2.5%	171	1	2.6%	5	161	3.1%	833
53225 Milwaukee	162	4.2%	631	58	4.4%	226	3	7.9%	12	223	4.3%	869
53226 Milwaukee	16	0.4%	87	4	0.3%	22	0	0.0%	0	20	0.4%	109
53227 Milwaukee	46	1.2%	195	8	0.6%	34	1	2.6%	4	55	1.1%	233
53228 Milwaukee	17	0.4%	118	0	0.0%	0	0	0.0%	0	17	0.3%	118
53233 Milwaukee	177	4.6%	1,155	49	3.7%	320	0	0.0%	0	226	4.3%	1,475
53235 Milwaukee	1	0.0%	11	0	0.0%	0	0	0.0%	0	1	0.0%	11
Zip code specified	3,860	99.8%	-	1,321	99.7%	-	38	100.0%	-	5,219	99.8%	-
Zip code not specified	7	0.2%	-	4	0.3%	-	0	0.0%	-	11	0.2%	-
County total	3,867	100.0%	-	1,325	100.0%	-	38	100.0%	-	5,230	100.0%	-

* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016
Unadjusted* and imputed cases per 100,000 population by race**
Persons 20-24 years of age, Milwaukee County

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	1,347	2,254	9,486	14,724	1,067	1,942	1,589	2,464
Gonorrhea	213	354	4,075	5,970	610	773	447	654
Syphilis	17	19	124	130	152	159	0	0
Total	1,577	2,626	13,685	20,824	1,829	2,873	2,036	3,118

* 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.

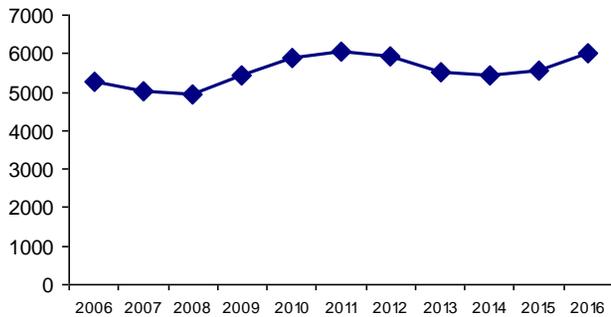
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Reported cases by year of diagnosis, past 10 years

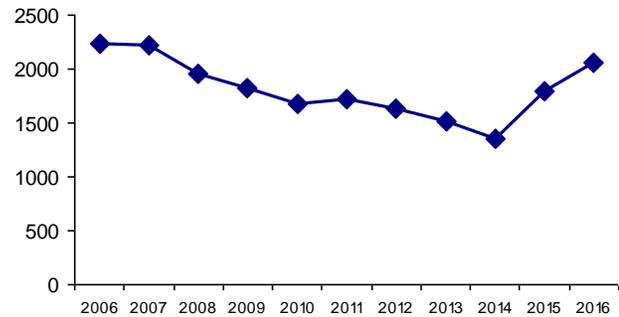
Persons 20-24 years of age, Milwaukee County

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2007	3,198	5,041	1,406	2,216	17	27	4,621	7,284
2008	3,173	4,941	1,256	1,956	23	36	4,452	6,932
2009	3,480	5,419	1,168	1,819	25	39	4,673	7,277
2010	3,774	5,877	1,078	1,679	35	55	4,887	7,610
2011	3,893	6,062	1,102	1,716	24	37	5,019	7,815
2012	3,798	5,914	1,047	1,630	25	39	4,870	7,583
2013	3,544	5,519	974	1,617	26	40	4,544	7,076
2014	3,491	5,436	866	1,348	45	70	4,402	6,855
2015	3,578	5,571	1,149	1,789	31	48	4,758	7,409
2016	3,867	6,021	1,325	2,063	29	45	5,221	8,130

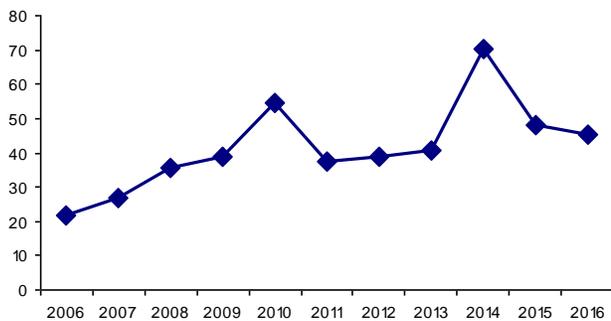
Chlamydia rate*



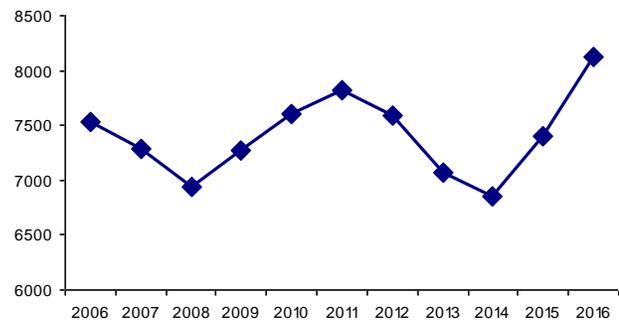
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016

Syphilis cases by disease stage

Persons 20-24 years of age, Milwaukee County

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	2	100.0%	3.1	6	100.0%	9.3	21	100.0%	32.7	29	100.0%	45.2
Sex												
Male	2	100.0%	6.2	6	100.0%	18.6	18	85.7%	55.9	26	89.7%	80.8
Female	0	0.0%	0.0	0	0.0%	0.0	3	14.3%	9.4	3	10.3%	9.4
Race												
White	0	0.0%	0.0	2	33.3%	4.7	3	14.3%	7.1	5	17.2%	11.9
African American	2	100.0%	10.3	3	50.0%	15.5	13	61.9%	67.1	18	62.1%	92.9
American Indian	0	0.0%	0.0	0	0.0%	0.0	1	4.8%	152.4	1	3.4%	152.4
Other	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	1	16.7%	-	4	19.0%	-	5	17.2%	-
Hispanic ethnicity												
Hispanic	0	0.0%	0.0	3	50.0%	35.6	1	4.8%	11.9	4	13.8%	47.4
Non Hispanic	2	100.0%	-	3	50.0%	-	17	81.0%	-	22	75.9%	-
Unknown	0	0.0%	-	0	0.0%	-	3	14.3%	-	3	10.3%	-
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	2	100.0%	3.1	6	100.0%	9.3	21	100.0%	32.7	29	100.0%	45.2
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

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Syphilis cases by disease stage

Persons 20-24 years of age, Milwaukee County

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	9	100.0%	14.0	0	-	0.0	0	0.0%	0.0	38	100.0%	59.2
Sex												
Male	6	66.7%	18.6	0	-	0.0	0	0.0%	0.0	32	84.2%	99.4
Female	3	33.3%	9.4	0	-	0.0	0	0.0%	0.0	6	15.8%	18.7
Race												
White	2	22.2%	4.7	0	-	0.0	0	0.0%	0.0	7	18.4%	16.6
African American	6	66.7%	31.0	0	-	0.0	0	0.0%	0.0	24	63.2%	123.8
American Indian	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	2.6%	152.4
Other	1	11.1%	-	0	-	-	0	0.0%	-	1	2.6%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	5	13.2%	-
Hispanic ethnicity												
Hispanic	1	11.1%	11.9	0	-	0.0	0	0.0%	0.0	5	13.2%	59.3
Non Hispanic	8	88.9%	-	0	-	-	0	0.0%	-	30	78.9%	-
Unknown	0	0.0%	-	0	-	-	0	0.0%	-	3	7.9%	-
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	9	100.0%	14.0	0	0.0%	0.0	0	0.0%	0.0	38	100.0%	59.2
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.

For more information contact:

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