

Sexually Transmitted Disease in Wisconsin 2016



Wisconsin sexually transmitted disease surveillance report, 2016

Milwaukee County

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
Total												
Total	10,766	100.0%	1,129	4,323	100.0%	453	210	100.0%	22	15,301	100.0%	1,605
Sex												
Male	3,511	32.6%	761	2,167	50.1%	469	177	84.3%	38	5,855	38.3%	1,268
Female	7,237	67.2%	1,472	2,152	49.8%	438	33	15.7%	7	9,424	61.6%	1,916
Unknown	18	0.2%	-	4	0.1%	-	0	0.0%	-	22	0.1%	-
Race												
White	1,518	14.1%	231	407	9.4%	62	50	23.8%	8	1,975	12.9%	300
African American	5,116	47.5%	2,026	2,442	56.5%	967	130	61.9%	51	7,689	50.3%	3,045
American Indian	30	0.3%	311	10	0.2%	104	1	0.5%	10	41	0.3%	425
Asian/Pacific Islander	94	0.9%	287	22	0.5%	67	2	1.0%	6	119	0.8%	363
Other	396	3.7%	-	83	1.9%	-	6	2.9%	-	485	3.2%	-
Unknown	3,612	33.6%	-	1,359	31.4%	-	21	10.0%	-	4,992	32.6%	-
Hispanic ethnicity												
Hispanic	489	4.5%	428	137	3.2%	120	22	10.5%	19	648	4.2%	567
Not Hispanic	3,154	29.3%	376	1,506	34.8%	179	171	81.4%	20	4,833	31.6%	576
Unknown	7,123	66.2%	-	2,680	62.0%	-	17	8.1%	-	9,820	64.2%	-
Age												
0-4	3	0.0%	4	1	0.0%	1	0	0.0%	0	4	0.0%	5
5-9	2	0.0%	3	1	0.0%	1	0	0.0%	0	3	0.0%	4
10-14	139	1.3%	212	68	1.6%	104	0	0.0%	0	207	1.4%	316
15-19	3,240	30.1%	4,624	1,146	26.5%	1,636	15	7.1%	21	4,402	28.8%	6,282
20-24	3,867	35.9%	6,021	1,325	30.7%	2,063	38	18.1%	59	5,230	34.2%	8,144
25-29	1,972	18.3%	3,416	820	19.0%	1,420	54	25.7%	94	2,847	18.6%	4,932
30-34	803	7.5%	1,293	398	9.2%	641	23	11.0%	37	1,224	8.0%	1,971
35-39	336	3.1%	494	205	4.7%	301	25	11.9%	37	566	3.7%	832
40-44	182	1.7%	266	136	3.1%	199	17	8.1%	25	335	2.2%	489
45-49	115	1.1%	159	79	1.8%	109	14	6.7%	19	208	1.4%	288
50+	106	1.0%	38	144	3.3%	51	24	11.4%	9	274	1.8%	97
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	10,766	100.0%	1,129	4,323	100.0%	453	210	100.0%	22	15,301	100.0%	1,605
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, 2016

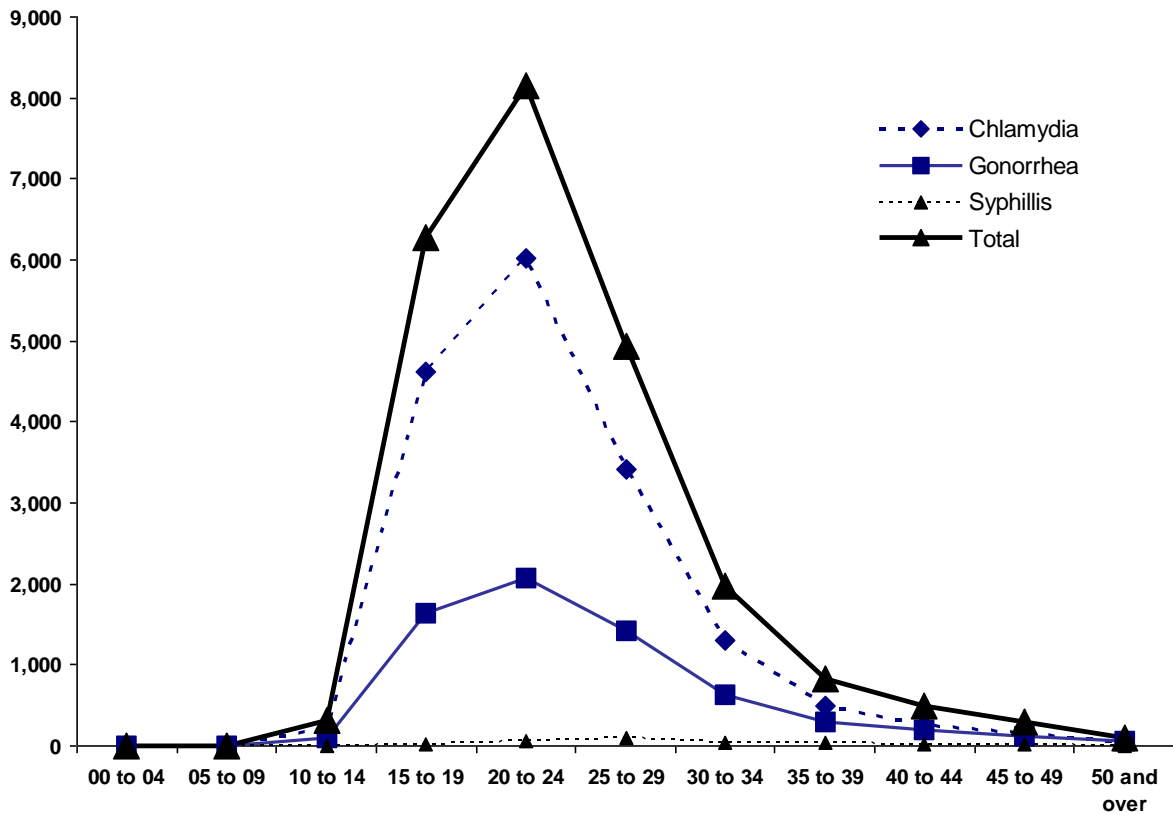
Reported cases by zip code

Milwaukee County

Zip code/Post Office	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
53110 Cudahy	60	0.6%	321	21	0.5%	112	3	1.4%	16	84	0.5%	450
53129 Greendale	26	0.2%	189	7	0.2%	51	0	0.0%	0	33	0.2%	239
53130 Hales Corners	19	0.2%	256	3	0.1%	40	1	0.5%	13	23	0.2%	310
53132 Franklin	126	1.2%	378	34	0.8%	102	0	0.0%	0	160	1.0%	480
53154 Oak Creek	94	0.9%	288	16	0.4%	49	0	0.0%	0	110	0.7%	337
53172 South Milwaukee	80	0.7%	381	22	0.5%	105	1	0.5%	5	103	0.7%	490
53202 Milwaukee	162	1.5%	781	52	1.2%	251	4	1.9%	19	218	1.4%	1,050
53203 Milwaukee	19	0.2%	5,723	8	0.2%	2,410	1	0.5%	301	28	0.2%	8,434
53204 Milwaukee	597	5.5%	1,423	234	5.4%	558	10	4.8%	24	841	5.5%	2,005
53205 Milwaukee	299	2.8%	2,778	141	3.3%	1,310	5	2.4%	46	445	2.9%	4,134
53206 Milwaukee	851	7.9%	2,616	441	10.2%	1,356	13	6.2%	40	1,305	8.5%	4,011
53207 Milwaukee	162	1.5%	449	49	1.1%	136	4	1.9%	11	215	1.4%	596
53208 Milwaukee	630	5.9%	1,811	321	7.4%	923	21	10.0%	60	972	6.4%	2,794
53209 Milwaukee	982	9.1%	2,033	423	9.8%	876	21	10.0%	43	1,426	9.3%	2,953
53210 Milwaukee	705	6.5%	2,335	340	7.9%	1,126	14	6.7%	46	1,059	6.9%	3,508
53211 Milwaukee	198	1.8%	572	39	0.9%	113	7	3.3%	20	244	1.6%	704
53212 Milwaukee	644	6.0%	2,112	291	6.7%	955	13	6.2%	43	948	6.2%	3,110
53213 Milwaukee	79	0.7%	311	19	0.4%	75	1	0.5%	4	100	0.7%	393
53214 Milwaukee	193	1.8%	551	58	1.3%	166	8	3.8%	23	259	1.7%	740
53215 Milwaukee	648	6.0%	1,192	191	4.4%	351	5	2.4%	9	844	5.5%	1,552
53216 Milwaukee	793	7.4%	2,365	358	8.3%	1,068	11	5.2%	33	1,162	7.6%	3,466
53217 Milwaukee	62	0.6%	217	15	0.3%	53	3	1.4%	11	80	0.5%	280
53218 Milwaukee	942	8.7%	2,349	452	10.5%	1,127	16	7.6%	40	1,410	9.2%	3,516
53219 Milwaukee	196	1.8%	588	47	1.1%	141	3	1.4%	9	246	1.6%	738
53220 Milwaukee	102	0.9%	400	21	0.5%	82	3	1.4%	12	126	0.8%	494
53221 Milwaukee	181	1.7%	511	49	1.1%	138	5	2.4%	14	235	1.5%	663
53222 Milwaukee	170	1.6%	693	58	1.3%	236	3	1.4%	12	232	1.5%	945
53223 Milwaukee	377	3.5%	1,289	140	3.2%	479	3	1.4%	10	520	3.4%	1,778
53224 Milwaukee	326	3.0%	1,687	109	2.5%	564	9	4.3%	47	444	2.9%	2,298
53225 Milwaukee	465	4.3%	1,811	197	4.6%	767	12	5.7%	47	674	4.4%	2,625
53226 Milwaukee	42	0.4%	229	13	0.3%	71	1	0.5%	5	56	0.4%	306
53227 Milwaukee	111	1.0%	470	21	0.5%	89	2	1.0%	8	134	0.9%	567
53228 Milwaukee	47	0.4%	327	4	0.1%	28	1	0.5%	7	52	0.3%	362
53233 Milwaukee	353	3.3%	2,303	119	2.8%	776	6	2.9%	39	478	3.1%	3,119
53235 Milwaukee	2	0.0%	22	0	0.0%	0	0	0.0%	0	2	0.0%	22
Zip code specified	10,743	99.8%	-	4,313	99.8%	-	210	100.0%	-	15,268	99.8%	-
Zip code not specified	23	0.2%	-	10	0.2%	-	0	0.0%	-	33	0.2%	-
County total	10,766	100.0%	-	4,323	100.0%	-	210	100.0%	-	15,301	100.0%	-

* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016
Age-specific sexually transmitted disease rates*
Milwaukee County



* Cases per 100,000 population

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

	White		African American		American Indian		Asian/Pacific Islander	
	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**	Unadjusted*	Imputed**
Chlamydia	231	393	2,026	3,163	311	483	287	436
Gonorrhea	62	98	967	1,436	104	142	67	100
Other	0	0	0	0	0	0	3	3
Syphilis	8	8	51	55	10	11	6	6
Total	300	499	3,045	4,654	425	636	363	546

* 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.

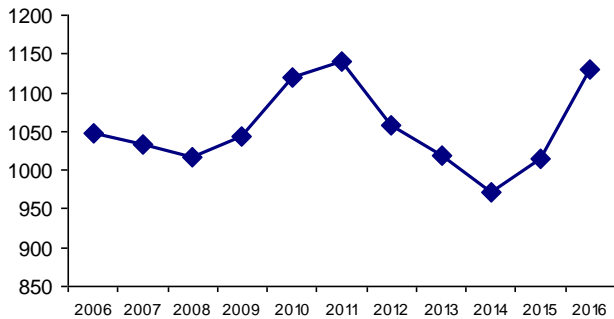
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Reported cases by year of diagnosis, past 10 years

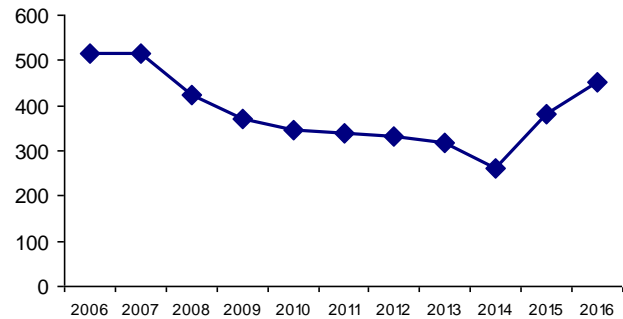
Milwaukee County

Year	Chlamydia		Gonorrhea		Syphilis		Total	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
2007	9,834	1,034	4,916	517	120	13	14,870	1,563
2008	9,702	1,018	4,032	423	137	14	13,871	1,455
2009	9,940	1,043	3,517	369	109	11	13,566	1,423
2010	10,678	1,120	3,305	347	114	12	14,097	1,479
2011	10,869	1,140	3,238	340	113	12	14,220	1,492
2012	10,089	1,058	3,147	330	144	15	13,380	1,404
2013	9,703	1,018	3,044	319	149	16	12,896	1,353
2014	9,266	972	2,476	260	171	18	11,913	1,250
2015	9,672	1,015	3,623	380	143	15	13,438	1,410
2016	10,766	1,129	4,323	453	143	15	15,232	1,598

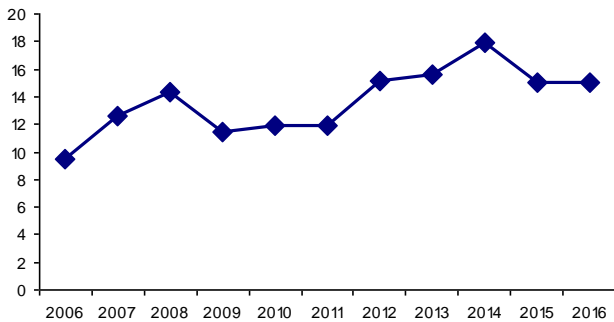
Chlamydia rate*



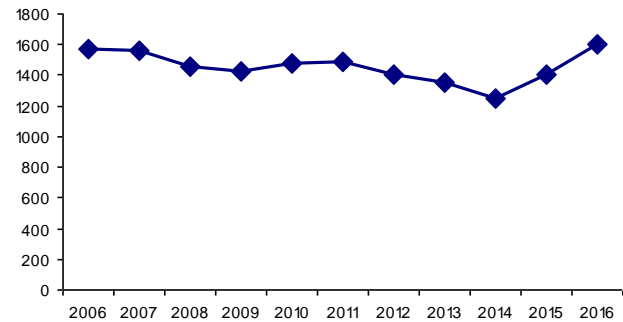
Gonorrhea rate*



Syphilis rate*



Total rate*



* Cases per 100,000 population

Wisconsin sexually transmitted disease surveillance report, 2016

Syphilis cases by disease stage

Milwaukee County

	Primary			Secondary			Early latent			Early total**		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	15	100.0%	1.6	31	100.0%	3.3	97	100.0%	10.2	143	100.0%	15.0
Sex												
Male	14	93.3%	3.0	31	100.0%	6.7	86	88.7%	18.6	131	91.6%	28.4
Female	1	6.7%	0.2	0	0.0%	0.0	11	11.3%	2.2	12	8.4%	2.4
Race												
White	4	26.7%	0.6	11	35.5%	1.7	22	22.7%	3.3	37	25.9%	5.6
African American	9	60.0%	3.6	17	54.8%	6.7	62	63.9%	24.6	88	61.5%	34.9
American Indian	0	0.0%	0.0	0	0.0%	0.0	1	1.0%	10.4	1	0.7%	10.4
Asian/Pacific Islander	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Other	0	0.0%	-	0	0.0%	-	2	2.1%	-	2	1.4%	-
Unknown	2	13.3%	-	3	9.7%	-	10	10.3%	-	15	10.5%	-
Hispanic ethnicity												
Hispanic	1	6.7%	0.9	5	16.1%	4.4	8	8.2%	7.0	14	9.8%	12.3
Non Hispanic	13	86.7%	-	24	77.4%	-	78	80.4%	-	115	80.4%	-
Unknown	1	6.7%	-	2	6.5%	-	11	11.3%	-	14	9.8%	-
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	6.7%	1.4	0	0.0%	0.0	11	11.3%	15.7	12	8.4%	17.1
20-24	2	13.3%	3.1	6	19.4%	9.3	21	21.6%	32.7	29	20.3%	45.2
25-29	6	40.0%	10.4	9	29.0%	15.6	27	27.8%	46.8	42	29.4%	72.8
30-34	2	13.3%	3.2	3	9.7%	4.8	11	11.3%	17.7	16	11.2%	25.8
35-39	1	6.7%	1.5	1	3.2%	1.5	11	11.3%	16.2	13	9.1%	19.1
40-44	0	0.0%	0.0	5	16.1%	7.3	6	6.2%	8.8	11	7.7%	16.1
45-49	3	20.0%	4.1	4	12.9%	5.5	3	3.1%	4.1	10	7.0%	13.8
50+	0	0.0%	0.0	3	9.7%	1.1	7	7.2%	2.5	10	7.0%	3.5
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

Milwaukee County

	Late latent			Unknown latency			Congenital			All stages		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
Total												
Total	67	100.0%	7.0	0	-	0.0	0	0.0%	0.0	210	100.0%	22.0
Sex												
Male	46	68.7%	10.0	0	-	0.0	0	0.0%	0.0	177	84.3%	38.3
Female	21	31.3%	4.3	0	-	0.0	0	0.0%	0.0	33	15.7%	6.7
Race												
White	13	19.4%	2.0	0	-	0.0	0	0.0%	0.0	50	23.8%	7.6
African American	42	62.7%	16.6	0	-	0.0	0	0.0%	0.0	130	61.9%	51.5
American Indian	0	0.0%	0.0	0	-	0.0	0	0.0%	0.0	1	0.5%	10.4
Asian/Pacific Islander	2	3.0%	6.1	0	-	0.0	0	0.0%	0.0	2	1.0%	6.1
Other	4	6.0%	-	0	-	-	0	0.0%	-	6	2.9%	-
Unknown	6	9.0%	-	0	-	-	0	0.0%	-	21	10.0%	-
Hispanic ethnicity												
Hispanic	8	11.9%	7.0	0	-	0.0	0	0.0%	0.0	22	10.5%	19.3
Non Hispanic	56	83.6%	-	0	-	-	0	0.0%	-	171	81.4%	-
Unknown	3	4.5%	-	0	-	-	0	0.0%	-	17	8.1%	-
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	3	4.5%	4.3	0	0.0%	0.0	0	0.0%	0.0	15	7.1%	21.4
20-24	9	13.4%	14.0	0	0.0%	0.0	0	0.0%	0.0	38	18.1%	59.2
25-29	12	17.9%	20.8	0	0.0%	0.0	0	0.0%	0.0	54	25.7%	93.5
30-34	7	10.4%	11.3	0	0.0%	0.0	0	0.0%	0.0	23	11.0%	37.0
35-39	12	17.9%	17.6	0	0.0%	0.0	0	0.0%	0.0	25	11.9%	36.7
40-44	6	9.0%	8.8	0	0.0%	0.0	0	0.0%	0.0	17	8.1%	24.8
45-49	4	6.0%	5.5	0	0.0%	0.0	0	0.0%	0.0	14	6.7%	19.4
50+	14	20.9%	5.0	0	0.0%	0.0	0	0.0%	0.0	24	11.4%	8.5
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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