

Sexually Transmitted Infections in Wisconsin, 2022



Department of Health Services
Division of Public Health
Bureau of Communicable Diseases
STI Unit
P-00415 (07/2023)

Wisconsin Sexually Transmitted Infections (STI) Surveillance Report

Milwaukee County - 2022

The overall number of common STIs (Chlamydia, Gonorrhea and Syphilis) reported in Milwaukee County **decreased by 4%** in 2022 (17,814 in 2021 to 17,025 in 2022). Like other counties in Wisconsin Milwaukee County saw decrease in reported cases of chlamydia and gonorrhea in 2022 compared to 2021. In 2022, reported cases of chlamydia **decreased by 6%** (11,136 in 2021 to 10,455 in 2022) and gonorrhea **decreased by 5%** (5,635 in 2021 to 5,357 in 2022). In contrast of gonorrhea and chlamydia, the reported cases of syphilis **increased 16%** (1,043 in 2021 to 1,213 in 2022).

Table 1.

Syphilis in Milwaukee County continue to rise.

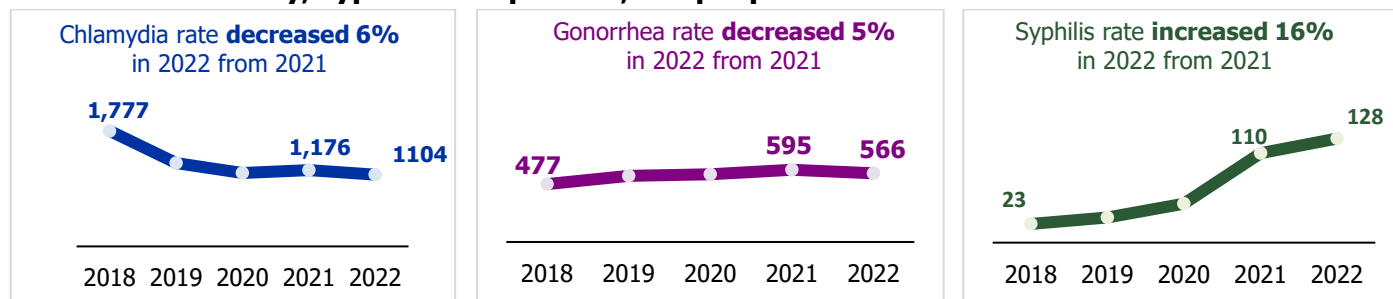
Trends of STI cases and rates per 100,000 people in Milwaukee County 2018-2022

Disease	2018		2019		2020		2021		2022	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Chlamydia	11,221	1,777	12,217	1,282	10,671	1,129	11,136	1,176	10,455	1,104
Gonorrhea	4,552	477	5,182	544	5,279	558	5,635	595	5,357	566
Syphilis	220	23	296	31	456	48	1,043	110	1,213	128

Note: Case counts exclude cases diagnosed in federal or private correctional facilities.

Figure 1.

In Milwaukee County, syphilis rate per 100,000 people increased 16% in 2022 from 2021



Key Points:

- Milwaukee County accounts for 63% of total syphilis cases reported in 2022.
- In 2022, the rate of syphilis case in Milwaukee County is 128 per 100,000 people which is 4.7 times higher than in Dane County and 3.8 times higher than in Wisconsin total.
- Syphilis rate in Milwaukee male is 163 cases per 100,000 people which is 3.7 times higher than in Wisconsin male and 4 times higher than Dane County male.

Wisconsin Sexually Transmitted Infection (STI) Surveillance Report

Reported Cases and Rates per 100,000 people by Gender, Race, Ethnicity, Age, and Region

Milwaukee County - 2022

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	10,455	100%	1,104	5,357	100%	566	1,213	100%	128	17,025	100%	1,798
Sex												
Male	1,756	26%	908	695	39%	359	753	62.1%	163	7,324	43.0%	1,590
Female	4,871	73%	2,624	1,091	61%	588	440	36.3%	91	9,660	56.7%	1,988
Transgender-Female	4	0%	-	2	0%	-	18	1.5%	-	26	0.2%	-
Transgender-Male	3	0%	-	0	0%	-	2	0.2%	-	5	0.0%	-
Unknown	16	0%	-	0	0%	-	0	0%	-	10	0.1%	-
Race/Ethnicity												
White	2,359	35%	840	240	13%	85	174	14.3%	36	1,948	11.4%	406
Black	2,625	39%	7,367	1,304	73%	3,660	808	66.6%	311	311	70.0%	4,593
Native American	91	1%	2,069	14	1%	318	9	.7%	139	75	.4%	1,159
Asian	102	2%	684	7	0%	47^	19	1.6%	39	198	1.2%	405
Hispanic	805	12%	1,865	156	9%	361	173	14.3%	114	2,100	12.3%	1,381
Other/Unknown	668	10%	-	67	4%	-	30	2.5%	-	789	4.6%	-
Age												
0-4	7	0.1%	11^	0	0.0%	0	24	2.0%	37	31	0.2%	48
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	130	1.2%	229	77	1.4%	135	2	0.2%	*	209	1.2%	368
15-19	2862	27.4%	4,382	1222	22.8%	1,871	44	3.6%	67	4,128	24.2%	6,321
20-24	3512	33.6%	4,505	1560	29.1%	2,001	161	13.3%	207	5,233	30.7%	6,713
25-29	1917	18.3%	2,377	948	17.7%	1,176	187	15.4%	232	3,052	17.9%	3,785
30-34	1062	10.2%	1,485	649	12.1%	907	228	18.8%	319	1,939	11.4%	2,711
35-39	474	4.5%	691	359	6.7%	524	139	11.5%	203	972	5.7%	1,418
40-44	245	2.3%	436	206	3.8%	367	109	9.0%	194	560	3.3%	998
45-49	101	1.0%	191	122	2.3%	231	95	7.8%	180	318	1.9%	602
50+	145	1.4%	49	214	4.0%	73	224	18.5%	76	583	3.4%	199
Unknown	0	0%	-	0	0%	-	0	0%	-	0	0%	-

*Rates based on five case counts or less are not shown; ^Rate is unreliable due to a count <12.

Wisconsin Sexually Transmitted Infections (STI) Surveillance Report

Reported Cases and Rates by Zip Code, Milwaukee County - 2022

		Chlamydia			Gonorrhea			Syphilis			Total		
Zip code/Post Office		Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate
53110	Cudahy	65	0.6%	357	16	0.3%	88	8	0.7%	44^	89	0.5%	489
53129	Greendale	31	0.3%	221	9	0.2%	64^	4	0.3%	*	44	0.3%	314
53130	Hales Corners	17	0.2%	218	2	0.0%	*	2	0.2%	*	21	0.1%	270
53132	Franklin	92	0.9%	258	25	0.5%	70	14	1.2%	39	131	0.8%	368
53154	Oak Creek	98	0.9%	270	23	0.4%	63	12	1.0%	33	133	0.8%	366
53172	South Milwaukee	62	0.6%	297	25	0.5%	120	10	0.8%	48^	97	0.6%	465
53202	Milwaukee	239	2.3%	957	88	1.6%	352	28	2.3%	112	355	2.1%	1,422
53203	Milwaukee	30	0.3%	1,721	12	0.2%	688	6	0.5%	344^	48	0.3%	2,754
53204	Milwaukee	575	5.5%	1,483	251	4.7%	647	72	5.9%	186	898	5.3%	2,316
53205	Milwaukee	237	2.3%	2,599	143	2.7%	1,568	26	2.1%	285	406	2.4%	4,452
53206	Milwaukee	693	6.6%	2,935	447	8.3%	1,893	94	7.7%	398	1,234	7.2%	5,226
53207	Milwaukee	145	1.4%	391	50	0.9%	135	16	1.3%	43	211	1.2%	569
53208	Milwaukee	547	5.2%	1,873	338	6.3%	1,157	83	6.8%	284	968	5.7%	3,315
53209	Milwaukee	976	9.3%	2,020	603	11.3%	1,248	123	10.1%	255	1,702	10.0%	3,522
53210	Milwaukee	646	6.2%	2,504	427	8.0%	1,655	76	6.3%	295	1,149	6.7%	4,453
53211	Milwaukee	206	2.0%	599	60	1.1%	174	19	1.6%	55	285	1.7%	829
53212	Milwaukee	523	5.0%	1,737	326	6.1%	1,083	60	4.9%	199	909	5.3%	3,018
53213	Milwaukee	87	0.8%	313	28	0.5%	101	6	0.5%	22^	121	0.7%	436
53214	Milwaukee	225	2.2%	639	91	1.7%	258	26	2.1%	74	342	2.0%	971
53215	Milwaukee	609	5.8%	998	181	3.4%	297	68	5.6%	111	858	5.0%	1,406
53216	Milwaukee	694	6.6%	2,205	452	8.4%	1,436	86	7.1%	273	1,232	7.2%	3,914
53217	Milwaukee	62	0.6%	218	21	0.4%	74	7	0.6%	25^	90	0.5%	317
53218	Milwaukee	950	9.1%	2,223	540	10.1%	1,264	87	7.2%	204	1,577	9.3%	3,691
53219	Milwaukee	185	1.8%	539	58	1.1%	169	16	1.3%	47	259	1.5%	755
53220	Milwaukee	114	1.1%	419	34	0.6%	125	7	0.6%	26^	155	0.9%	569
53221	Milwaukee	179	1.7%	452	70	1.3%	177	16	1.3%	40	265	1.6%	669
53222	Milwaukee	229	2.2%	869	106	2.0%	402	25	2.1%	95	360	2.1%	1,367
53223	Milwaukee	376	3.6%	1,313	192	3.6%	670	43	3.5%	150	611	3.6%	2,133
53224	Milwaukee	376	3.6%	1,685	176	3.3%	789	22	1.8%	99	574	3.4%	2,572
53225	Milwaukee	478	4.6%	1,836	253	4.7%	972	34	2.8%	131	765	4.5%	2,938
53226	Milwaukee	84	0.8%	442	26	0.5%	137	9	0.7%	47^	119	0.7%	627
53227	Milwaukee	98	0.9%	409	44	0.8%	184	17	1.4%	71	159	0.9%	663
53228	Milwaukee	44	0.4%	299	10	0.2%	68^	3	0.2%	*	57	0.3%	387
53233	Milwaukee	341	3.3%	2,296	161	3.0%	1,084	47	3.9%	316	549	3.2%	3,697
53235	Milwaukee	48	0.5%	502	16	0.3%	167	3	0.2%	*	67	0.4%	701
Zip specified		10361	99.1%	1,092	5,304	99%	559	1,175	96.9%	124	16,840	98.9%	1,774
Zip not specified		94	0.1%	-	53	1%	-	38	3.1%	-	185	1.1%	-
County total		10,455	100%	1,104	5,357	100%	566	1,213	100%	128	17,025	100%	1798

Wisconsin Syphilis Surveillance Report - Reported Cases and Rates per 100,000 people by Stage of Infection, Gender, Race, Ethnicity, and Age Milwaukee County - 2022

	Primary			Secondary			Early latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	226	100.0%	24	272	100.0%	29	270	100.0%	29	768	100.0%	81
Sex												
Male	184	81.4%	40	167	61.4%	36	169	62.6%	37	520	67.7%	113
Female	40	17.7%	8	101	37.1%	21	95	35.2%	20	236	30.7%	49
Transgender-Female	2	0.9%	-	3	1.1%	-	6	2.2%	-	11	1.4%	-
Transgender-Male	0	0.0%	-	1	0.4%	-	0	0.0%	-	1	0.1%	-
Unknown	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Race/Ethnicity												
White	24	10.6%	5	32	11.8%	7	49	18.1%	10	105	13.7%	22
Black	158	69.9%	61	203	74.6%	78	169	62.6%	65	530	69.0%	204
Native American	3	1.3%	*	2	0.7%	*	0	0.0%	0	5	0.7%	*
Asian	6	2.7%	*	4	1.5%	*	5	1.9%	*	15	2.0%	31
Hispanic	31	13.7%	20	24	8.8%	16	39	14.4%	26	94	12.2%	62
Other/Unknown	4	1.8%	-	7	2.6%	-	8	3.0%	-	19	2.5%	-
Age												
0-4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
5-9	0	0.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	1	4.9%	*	0	0.0%	0	0	0.0%	0	1	0.1%	2
15-19	11	11.9%	17^	6	2.2%	9^	12	4.4%	18	29	3.8%	44
20-24	27	13.7%	35	40	14.7%	51	46	17.0%	59	113	14.7%	145
25-29	31	20.8%	38	39	14.3%	48	40	14.8%	50	110	14.3%	136
30-34	47	8.4%	66	47	17.3%	66	60	22.2%	84	154	20.1%	215
35-39	19	8.0%	28	35	12.9%	51	33	12.2%	48	87	11.3%	127
40-44	18	5.8%	32	30	11.0%	53	21	7.8%	37	69	9.0%	123
45-49	13	26.1%	25	23	8.5%	44	19	7.0%	36	55	7.2%	104
50+	59	0.0%	20	52	19.1%	18	39	14.4%	13	150	19.5%	51
Unknown	0	0%	-	0	0%	-	0	0%	-	0	0%	-

Wisconsin Syphilis Surveillance Report - Reported Cases and Rates per 100,000 people by Stage of Infection, Gender, Race, Ethnicity, and Age Milwaukee County - 2022

	Early latent			Late Latent			Congenital			All stage total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	768	100.0%	81	421	100.0%	44	24	100.0%	3	1,213	100.0%	128
Sex												
Male	520	67.7%	113	221	52.5%	48	12	50.0%	3	753	62.1%	163
Female	236	30.7%	49	192	45.6%	40	12	50.0%	2	440	36.3%	91
Transgender Female	11	1.4%	-	7	1.7%	-	0	0.0%	-	18	1.5%	-
Transgender Male	1	0.0%	-	1	0.2%	-	0	0.0%	-	2	0.2%	-
Unknown	0	0.0%	-	267	100.0%	-	11	100.0%	-	1,043	100.0%	-
Race/Ethnicity												
White	105	13.7%	22	67	15.9%	14	2	8.3%	0	174	14.3%	36
Black	530	69.0%	204	260	61.8%	100	18	75.0%	7	808	66.6%	311
Native American	5	0.7%	*	4	1.0%	*	0	0.0%	0	9	0.7%	139^
Asian	15	2.0%	31	4	1.0%	*	0	0.0%	0	19	1.6%	39
Hispanic	94	12.2%	62	79	18.8%	52	0	0.0%	0	173	14.3%	114
Other/Unknown	19	2.5%	-	7	1.7%	-	4	16.7%	-	30	2.5%	-
Age												
0-4	0	0.0%	0	0	0.0%	0	24	100.0%	37	24	2.0%	37
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	1	0.1%	*	1	0.2%	*	0	0.0%	0	2	0.2%	*
15-19	29	3.8%	44	15	3.6%	23	0	0.0%	0	44	3.6%	67
20-24	113	14.7%	145	48	11.4%	62	0	0.0%	0	161	13.3%	207
25-29	110	14.3%	136	77	18.3%	95	0	0.0%	0	187	15.4%	232
30-34	154	20.1%	215	74	17.6%	103	0	0.0%	0	228	18.8%	319
35-39	87	11.3%	127	52	12.4%	76	0	0.0%	0	139	11.5%	203
40-44	69	9.0%	123	40	9.5%	71	0	0.0%	0	109	9.0%	194
45-49	55	7%	104	40	9.5%	76	0	0.0%	0	95	7.8%	180
50+	150	20%	51	74	17.6%	25	0	0.0%	0	224	18.5%	76
Unknown	1	0.1%	-	0	-	-	0	-	-	1	0.1%	-

Technical Notes

1. This report is compiled by the Wisconsin STI Unit and are based on STI case surveillance data collected by the Wisconsin Division of Public Health (DPH). In Wisconsin, state statutes require both laboratories and health care providers to report cases of chlamydia, gonorrhea, syphilis, chancroid, and pelvic inflammatory disease to local health departments. STI case surveillance data is automatically sent to the Wisconsin STI Unit via WEDSS (Wisconsin Electronic Disease Surveillance System).
2. This report includes 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 STI cases can be incomplete. Reporting rates can be varied by disease, geographic region, and demographic groups. At any time, reported STI cases represent only part of the total number of diagnosed cases, therefore STI surveillance data likely underestimates total STI morbidity.
4. Rate is calculated based on the population data available on WISH (Wisconsin Interactive Statistics on Health) system website. In these reports, rates presented are cases per 100,000 population (2019). Rates are not calculated for categories with small numbers of cases. See each report for the rate calculation threshold.
5. In these reports, cases are allocated to the derived county at the time of diagnosis. Cases diagnosed among inmates of correctional facilities and cases who resided outside Wisconsin are not included in this report.
6. Congenital Syphilis cases are included in syphilis report.
7. All races are non-Hispanic race. The race Asian includes Asian Pacific Islander and the race American Indian Alaska Native are named Native American.
8. Rates based on five case counts or less are not shown; ^Rate is unreliable due to a count <12.

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