

# **Sexually Transmitted Infections in Wisconsin, 2020**



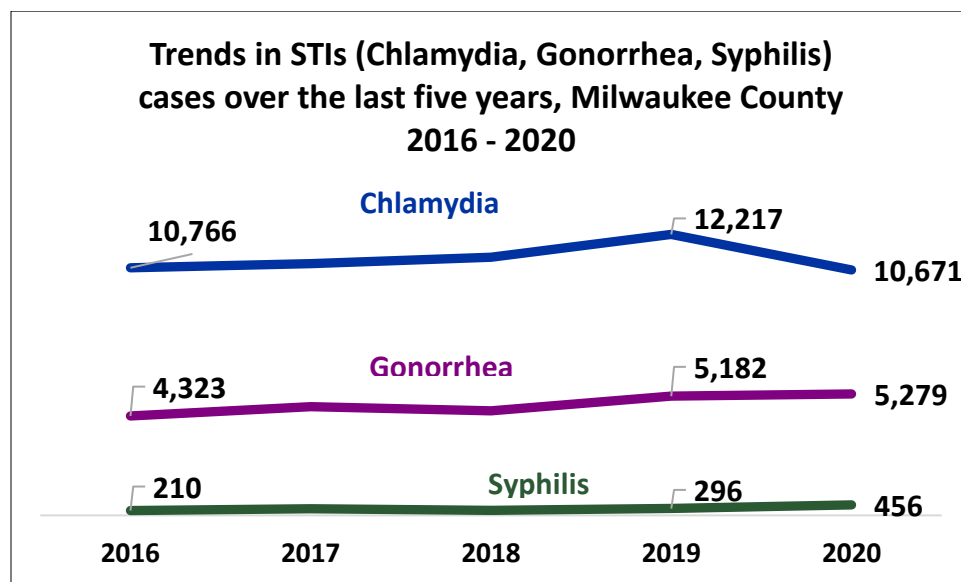
DEPARTMENT OF HEALTH SERVICES  
Division of Public Health  
Bureau of Communicable Diseases  
STI Unit  
P-00415 (09/2021)

# Sexually Transmitted Infections Surveillance Report Data Tables, Milwaukee County - 2020

**Table 1. Trends of STI cases and Rates (per 100,000 people) in Milwaukee County 2016-2020**

	2016		2017		2018		2019		2020	
Disease	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Chlamydia	10,766	1,129	10,942	1,148	11,221	1,777	12,217	1,282	10,671	1,129
Gonorrhea	4,323	453	4,726	496	4,552	477	5,182	544	5,279	558
Syphilis	210	22	286	30	220	23	296	31	456	48

Note: 2020 counts exclude cases diagnosed in federal or private correctional facilities. WISH (Wisconsin Interactive Statistics on Health) 2019 population data is used to calculate rates. Includes congenital syphilis cases.



Because of the Covid-19 pandemic, STI testing services were running at a minimum level in both STD and non-STD clinics and local health departments. Despite the disruption in STI testing services, Syphilis increased significantly (54%) in 2020, and Gonorrhea cases increased by 2%. The 12.65% decrease in Chlamydia cases could be because of the STI service disruptions.

# Wisconsin Sexually Transmitted Disease Surveillance Report

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

### Milwaukee County: 2020

	Chlamydia*			Gonorrhea*			Syphilis*			Total*		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>	26,219	100%	449	10,239	100%	175	810	100%	14	37,268	100%	638
<b>Sex</b>												
Male	3,587	33.6%	781	2,910	55.1%	633	351	77.0%	76	6,848	41.7%	1,490
Female	7,060	66.2%	1,453	2,350	44.5%	484	105	23.0%	22	9,515	58.0%	1,958
Transgender-Female	2	0.0%	-	3	0.1%	-	0	0.0%	-	5	0.0%	-
Transgender-Male	1	0.0%	-	2	0.0%	-	0	0.0%	-	3	0.0%	-
Unknown	21	0.2%	-	14	0.3%	-		0.0%	-	35	0.2%	-
<b>Race/Ethnicity</b>												
White	1,100	10.3%	226	443	8.4%	91	110	24.1%	23	1,653	10.1%	340
Black	5,845	54.8%	2,261	3,441	65.2%	1,331	225	49.3%	87	9,511	58.0%	3,679
Native American	29	0.3%	432	9	0.2%	134	3	0.7%	45	41	0.2%	610
Asian	98	0.9%	214	32	0.6%	70	8	1.8%	18	138	0.8%	302
Hispanic	2,711	10.3%	654	370	7.0%	250	62	13.6%	42	1,596	9.7%	1,078
Other/Unknown	2,435	22.8%	-	984	18.6%	-	48	10.5%	-	3,467	21.1%	-
<b>Age</b>												
0-4	5	0.0%	8	5	0.1%	8	4	0.9%	6	14	0.1%	22
5-9	0	0.0%	0	1	0.0%	2	0	0.0%	0	1	0.0%	2
10-14	124	1.2%	217	41	0.8%	72	0	0.0%	0	165	1.0%	288
15-19	2,992	28.0%	4,616	992	18.8%	1,531	19	4.2%	29	4,003	24.4%	6,176
20-24	3,675	34.4%	4,747	1,524	28.9%	1,969	62	13.6%	80	5,261	32.1%	6,796
25-29	2,046	19.2%	2,557	1,145	21.7%	1,431	76	16.7%	95	3,267	19.9%	4,083
30-34	940	8.8%	1,312	702	13.3%	980	77	16.9%	107	1,719	10.5%	2,400
35-39	467	4.4%	686	359	6.8%	527	60	13.2%	88	886	5.4%	1,301
40-44	180	1.7%	322	177	3.4%	317	51	11.2%	91	408	2.5%	731
45-49	97	0.9%	185	134	2.5%	256	39	8.6%	74	270	1.6%	516
50+	145	1.4%	49	198	3.8%	67	68	14.9%	23	411	2.5%	140
Unknown	0	0.0%	-	1	0.0%	-	0	0.0%	-	1	0.0%	-
<b>Region of residence</b>												
Northeastern	-	-	-	-	-	-	-	-	-	-	-	-
Northern	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern	10,671	100%	1,129	5,279	100%	558	456	100.0%	48	16,406	100.0%	1,735
Southern	-	-	-	-	-	-	-	-	-	-	-	-
Western	-	-	-	-	-	-	-	-	-	-	-	-

\* Demographic breakdown not available for disease with less than 5 cases reported. \*\* Cases per 100,000 population

# Sexually Transmitted Infections Surveillance Report, 2020

## Reported cases by zip code

### Milwaukee County

Zip code/Post Office		Chlamydia			Gonorrhea			Syphilis			Total		
		Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate
53110	Cudahy	61	0.6%	335	23	0.4%	126	10	2.2%	55	94	0.6%	516
53129	Greendale	36	0.3%	257	14	0.3%	100	0	0.0%	0	50	0.3%	357
53130	Hales Corners	24	0.2%	308	3	0.1%	39	0	0.0%	0	27	0.2%	347
53132	Franklin	91	0.9%	255	18	0.3%	51	9	2.0%	25	118	0.7%	331
53154	Oak Creek	66	0.6%	182	19	0.4%	52	3	0.7%	8	88	0.5%	242
53172	South Milwaukee	58	0.5%	278	26	0.5%	125	6	1.3%	29	90	0.5%	432
53202	Milwaukee	203	1.9%	813	78	1.5%	312	15	3.3%	60	296	1.8%	1186
53203	Milwaukee	33	0.3%	1893	12	0.2%	688	5	1.1%	287	50	0.3%	2869
53204	Milwaukee	493	4.6%	1271	218	4.1%	562	35	7.7%	90	746	4.5%	1924
53205	Milwaukee	294	2.8%	3224	178	3.4%	1952	8	1.8%	88	480	2.9%	5264
53206	Milwaukee	788	7.4%	3337	494	9.4%	2092	32	7.0%	136	1314	8.0%	5565
53207	Milwaukee	141	1.3%	380	64	1.2%	172	15	3.3%	40	220	1.3%	593
53208	Milwaukee	611	5.7%	2092	346	6.6%	1185	26	5.7%	89	983	6.0%	3366
53209	Milwaukee	1027	9.6%	2125	523	9.9%	1082	33	7.2%	68	1583	9.6%	3276
53210	Milwaukee	700	6.6%	2713	393	7.4%	1523	26	5.7%	101	1119	6.8%	4337
53211	Milwaukee	193	1.8%	561	46	0.9%	134	9	2.0%	26	248	1.5%	721
53212	Milwaukee	540	5.1%	1793	350	6.6%	1162	20	4.4%	66	910	5.5%	3022
53213	Milwaukee	75	0.7%	270	42	0.8%	151	2	0.4%	7	119	0.7%	429
53214	Milwaukee	269	2.5%	764	113	2.1%	321	17	3.7%	48	399	2.4%	1133
53215	Milwaukee	580	5.4%	950	226	4.3%	370	33	7.2%	54	839	5.1%	1375
53216	Milwaukee	773	7.2%	2456	395	7.5%	1255	23	5.0%	73	1191	7.3%	3784
53217	Milwaukee	63	0.6%	222	20	0.4%	70	2	0.4%	7	85	0.5%	299
53218	Milwaukee	956	9.0%	2237	494	9.4%	1156	25	5.5%	59	1475	9.0%	3452
53219	Milwaukee	201	1.9%	586	72	1.4%	210	9	2.0%	26	282	1.7%	822
53220	Milwaukee	119	1.1%	437	34	0.6%	125	10	2.2%	37	163	1.0%	599
53221	Milwaukee	160	1.5%	404	74	1.4%	187	13	2.9%	33	247	1.5%	624
53222	Milwaukee	214	2.0%	812	113	2.1%	429	9	2.0%	34	336	2.0%	1276
53223	Milwaukee	405	3.8%	1414	208	3.9%	726	19	4.2%	66	632	3.9%	2207
53224	Milwaukee	331	3.1%	1483	155	2.9%	694	6	1.3%	27	492	3.0%	2204
53225	Milwaukee	517	4.8%	1986	265	5.0%	1018	8	1.8%	31	790	4.8%	3034
53226	Milwaukee	66	0.6%	348	25	0.5%	132	1	0.2%	5	92	0.6%	485
53227	Milwaukee	116	1.1%	484	48	0.9%	200	3	0.7%	13	167	1.0%	697
53228	Milwaukee	55	0.5%	374	15	0.3%	102	4	0.9%	27	74	0.5%	503
53233	Milwaukee	319	3.0%	2148	143	2.7%	963	16	3.5%	108	478	2.9%	3219
53235	Milwaukee	35	0.3%	366	13	0.2%	136	4	0.9%	42	52	0.3%	544
Zip code specified		10,613	99%	1,118	5,260	100%	554	456	100%	48	16,329	100%	1,720
Zip Not Specified		58	0.5%	6	19	0.4%	2	0	0.0%	-	77	0%	8
County Total		10671	100%	1,124	5279	100%	556	456	100%	48	16406	100%	1,729

# Wisconsin Sexually Transmitted Disease Surveillance Report, 2020

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

### Syphilis by Disease Stage, Milwaukee County

	Primary			Secondary			Early latent			Early Total		
	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*	Cases	Percent	Rate*
<b>Total</b>	129	100.0%	14	90	100.0%	10	144	100.0%	15	363	100.0%	38
<b>Sex</b>												
Male	110	14.7%	24	63	70.0%	14	115	79.9%	25	288	79.3%	63
Female	19	0.0%	4	27	30.0%	6	29	20.1%	6	75	20.7%	15
Transgender-MTF	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
Transgender-FTM	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
<b>Race/Ethnicity</b>												
White	25	51.9%	5	20	22.2%	4	42	29.2%	9	87	24.0%	18
Black	67	0.8%	26	40	44.4%	15	71	49.3%	27	178	49.0%	69
Native American	1	2.3%	15	1	1.1%	15	0	0.0%	0	2	0.6%	30
Asian	3	8.5%	7	1	1.1%	2	3	2.1%	7	7	1.9%	15
Hispanic	22	1.0%	15	15	16.7%	10	16	11.1%	11	53	14.6%	36
Other/Unknown	11	3.0%		13	14.4%		12	8.3%		36	9.9%	
<b>Age</b>												
0-4	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
10-14	0	3.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
15-19	4	12.4%	6	3	3.3%	5	9	6.3%	14	16	4.4%	25
20-24	16	14.0%	21	13	14.4%	17	21	14.6%	27	50	13.8%	65
25-29	18	17.8%	22	11	12.2%	14	26	18.1%	32	55	15.2%	69
30-34	23	10.1%	32	15	16.7%	21	26	18.1%	36	64	17.6%	89
35-39	13	12.4%	19	12	13.3%	18	24	16.7%	35	49	13.5%	72
40-44	16	11.6%	29	13	14.4%	23	11	7.6%	20	40	11.0%	72
45-49	15	18.6%	29	7	7.8%	13	11	7.6%	21	33	9.1%	63
50+	24	100.0%	8	16	17.8%	5	16	11.1%	5	56	15.4%	19
<b>Total</b>	129	0.0%	14	90	100.0%	10	144	100.0%	15	363	100.0%	38

\*Demographic breakdown not available for less than 5 cases reported. \*\*Cases per 100,000 population

# Wisconsin Sexually Transmitted Disease Surveillance Report, 2020

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

### Syphilis by Disease Stage, Milwaukee County

	Early latent			Late Latent			Congenital*			All stage total		
	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**	Cases	Percent	Rate**
<b>Total</b>	363	100.0%	38	89	100.0%	9	4	100.0%	0	456	100.0%	48
<b>Sex</b>												
Male	288	79.3%	63	60	67.4%	13	3	75.0%	1	351	77.0%	76
Female	75	20.7%	15	29	32.6%	6	1	25.0%	0	105	23.0%	22
Transgender Female	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
Transgender Male	0	0.0%		0	0.0%		0	0.0%		0	0.0%	
<b>Race/Ethnicity</b>												
White	87	24.0%	18	21	23.6%	4	2	50.0%	0	110	24.1%	23
Black	178	49.0%	69	46	51.7%	18	1	25.0%	0	225	49.3%	87
Native American	2	0.6%	30	1	1.1%	15	0	0.0%	0	3	0.7%	45
Asian	7	1.9%	15	1	1.1%	2	0	0.0%	0	8	1.8%	18
Hispanic	53	14.6%	36	8	9.0%	5	1	25.0%	1	62	13.6%	42
Other/Unknown	36	9.9%		12	13.5%		0	0.0%		48	10.5%	
<b>Age</b>												
0-4	0	0.0%	0	0	0.0%	0	4	100.0%	6	4	0.9%	6
5-9	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
15-19	16	4.4%	25	3	3.4%	5	0	0.0%	0	19	4.2%	29
20-24	50	13.8%	65	12	13.5%	16	0	0.0%	0	62	13.6%	80
25-29	55	15.2%	69	21	23.6%	26	0	0.0%	0	76	16.7%	95
30-34	64	17.6%	89	13	14.6%	18	0	0.0%	0	77	16.9%	107
35-39	49	13.5%	72	11	12.4%	16	0	0.0%	0	60	13.2%	88
40-44	40	11.0%	72	11	12.4%	20	0	0.0%	0	51	11.2%	91
45-49	33	9.1%	63	6	6.7%	11	0	0.0%	0	39	8.6%	74
50+	56	15.4%	19	12	13.5%	4	0	0.0%	0	68	14.9%	23

\*Demographic breakdown not available for less than 5 cases reported. \*\*Cases per 100,000 population.

## **Technical Notes**

1. These reports are 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. 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 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 (5) are included in syphilis report.
7. All races are non-Hispanic race. The race Asian includes Asian Pacific Islander. The race American Indian Alaska Native are named Native American as preferred by the tribe.

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For more information contact: Wisconsin STI Unit

1 West Wilson Street

PO Box 2659

Madison, WI 53701-2659

Telephone: 608-266-8479