



# Sexually Transmitted Infections in Milwaukee County, Wisconsin - 2021

## People 15-19 years of age



# Milwaukee County Sexually Transmitted Infections (STI) Surveillance Report - 2021

Despite the interruption of delivery of STI testing services due to the Covid – 19 pandemic, overall STI cases reported in Milwaukee County among adolescents increased 7.6% in 2021. The most significant change observed in 2021 was a **100% increase in Syphilis** cases reported. In 2021, gonorrhea cases increased by 33% chlamydia cases decreased by 1.4%.

Table 1.

## Gonorrhea and Syphilis rate increased among adolescents in Milwaukee County

Number of Cases and Rate (per 100,000 people) of Chlamydia, Gonorrhea, Syphilis  
In Persons 15-19 Years of Age, Milwaukee - 2017-2021

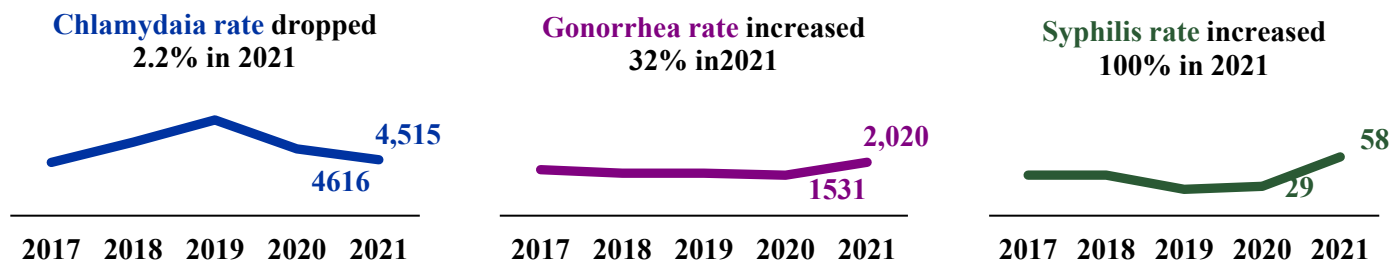
Disease	2017		2018		2019		2020		2021	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
<b>Chlamydia</b>	3,146	4,490	3,218	4,678	3,420	4,881	2,992	4,616	2,949	4,515
<b>Gonorrhea</b>	1,220	1,741	1,123	1,603	1,124	1,604	992	1,531	1,319	2,020
<b>Syphilis</b>	28	40	28	40	18	26	19	29	38	58

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

\*For comparison purposes these 2021 counts do not include cases reported from Federal and State Correctional Facilities cases.

Figure 1.

## Syphilis rate increased 100% among adolescents in Milwaukee County in 2021.



## Milwaukee County Sexually Transmitted Disease Surveillance Report, 2021

### Reported Cases and Rates (per100,000 people) by Gender, Race, Ethnicity, and Region

#### Person 15-19 years of age

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
<b>Total</b>	2,949	100.0%	4,515	1,319	100.0%	2,020	38	100%	58	4,306	100.0%	6,593
<b>Gender</b>												
Male	855	29.0%	2,603	583	44.2%	1,775	15	39%	46	1,453	33.7%	4,424
Female	2,093	71.0%	6,448	732	55.5%	2,255	22	58%	68	2,847	66.1%	8,770
Transgender Female	0	0.0%	-	1	0.1%	-	0	0%	-	1	0.0%	-
Transgender Male	1	0.0%	-	3	0.2%	-	1	3%	-	5	0.1%	-
Other/Unknown	0	0.0%	-	0	0.0%	-	0	0%	-	0	0.0%	-
<b>Race/Ethnicity</b>												
White	209	7.1%	837	61	4.6%	244	2	5%	*	272	6.3%	1,089
Black	2,034	69.0%	9,469	1,037	78.6%	4,828	29	76%	135	3,100	72.0%	14,432
Native American	10	0.3%	2,041 <sup>^</sup>	1	0.1%	*	0	0%	0	11	0.3%	2,245 <sup>^</sup>
Asian	22	0.7%	645	5	0.4%	*	0	0%	0	27	0.6%	791
Hispanic	324	11.0%	2,169	86	6.5%	576	4	11%	*	414	9.6%	2,771
Other/Unknown	350	11.9%	-	129	9.8%	-	1	3%	-	480	11.1%	-
<b>Region of residence</b>												
Northeastern	-	-	-	-	-	-	-	-	-	-	-	-
Northern	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern	2,949	100.0%	4,515	1,319	100.0%	2,020	38	100%	58	4,306	100.0%	6,593
Southern	-	-	-	-	-	-	-	-	-	-	-	-
Western	-	-	-	-	-	-	-	-	-	-	-	-

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

# Milwaukee County Sexually Transmitted Disease Surveillance Report, 2021

## Reported Cases and Rates (per100,000 people) by Zip Code

### Person 15-19 years of age

Zip	City	Chlamydia			Gonorrhea			Syphilis			Total		
		Cases	Percent	Rate	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
53110	Cudahy	11	0.4%	1,587	1	0.1%	144	0	0.0%	0	12	0.3%	1,732
53129	Greendale	5	0.2%	*	4	0.3%	*	0	0.0%	0	9	0.2%	1,493^
53130	Hales Corners	5	0.2%	*	0	0.0%	0	0	0.0%	0	5	0.1%	*
53132	Franklin	16	0.5%	887	6	0.5%	333^	0	0.0%	0	22	0.5%	1,220
53154	Oak Creek	16	0.5%	784	0	0.0%	0	0	0.0%	0	16	0.4%	784
53172	South Milwaukee	14	0.5%	1,165	2	0.2%	*	0	0.0%	0	16	0.4%	1,331
53202	Milwaukee	11	0.4%	1,253^	6	0.5%	683^	0	0.0%	0	17	0.4%	1,936
53203	Milwaukee	5	0.2%	*	4	0.3%	*	0	0.0%	0	9	0.2%	19,149*
53204	Milwaukee	124	4.2%	3,875	47	3.6%	1,469	1	2.6%	*	172	4.0%	5,375
53205	Milwaukee	72	2.4%	9,326	32	2.4%	4,145	1	2.6%	*	105	2.4%	13,601
53206	Milwaukee	279	9.5%	17,459	137	10.4%	8,573	7	18.4%	438^	423	9.8%	26,471
53207	Milwaukee	24	0.8%	1,753	8	0.6%	584^	0	0.0%	0	32	0.7%	2,337
53208	Milwaukee	180	6.1%	9,264	91	6.9%	4,683	3	7.9%	*	274	6.4%	14,102
53209	Milwaukee	318	10.8%	9,631	171	13.0%	5,179	4	10.5%	*	493	11.4%	14,930
53210	Milwaukee	239	8.1%	12,428	127	9.6%	6,604	1	2.6%	*	367	8.5%	19,085
53211	Milwaukee	24	0.8%	703	6	0.5%	176^	0	0.0%	0	30	0.7%	879
53212	Milwaukee	163	5.5%	8,342	76	5.8%	3,889	0	0.0%	0	239	5.6%	12,231
53213	Milwaukee	15	0.5%	772	4	0.3%	*	0	0.0%	0	19	0.4%	978
53214	Milwaukee	60	2.0%	3,995	30	2.3%	1,997	2	5.3%	*	92	2.1%	6,125
53215	Milwaukee	147	5.0%	2,680	44	3.3%	802	3	7.9%	*	194	4.5%	3,536
53216	Milwaukee	222	7.5%	8,635	114	8.6%	4,434	1	2.6%	*	337	7.8%	13,108
53217	Milwaukee	25	0.8%	1,230	4	0.3%	*	0	0.0%	0	29	0.7%	1,426
53218	Milwaukee	307	10.4%	8,509	157	11.9%	4,351	5	13.2%	*	469	10.9%	12,999
53219	Milwaukee	49	1.7%	2,931	20	1.5%	1,196	2	5.3%	*	71	1.6%	4,246
53220	Milwaukee	23	0.8%	1,821	1	0.1%	*	0	0.0%	0	24	0.6%	1,900
53221	Milwaukee	43	1.5%	2,050	8	0.6%	381^	0	0.0%	0	51	1.2%	2,431
53222	Milwaukee	59	2.0%	4,137	30	2.3%	2,104	1	2.6%	*	90	2.1%	6,311
53223	Milwaukee	114	3.9%	6,590	45	3.4%	2,601	3	7.9%	*	162	3.8%	9,364
53224	Milwaukee	110	3.7%	6,687	44	3.3%	2,675	1	2.6%	*	155	3.6%	9,422
53225	Milwaukee	131	4.4%	8,710	54	4.1%	3,590	0	0.0%	0	185	4.3%	12,301
53226	Milwaukee	18	0.6%	1,465	6	0.5%	488^	1	2.6%	*	25	0.6%	2,034
53227	Milwaukee	15	0.5%	1,318	9	0.7%	791^	1	2.6%	*	25	0.6%	2,197
53228	Milwaukee	17	0.6%	2,094	5	0.4%	*	1	2.6%	*	23	0.5%	2,833
53233	Milwaukee	55	1.9%	1,782	21	1.6%	680	0	0.0%	0	76	1.8%	2,462
53235	Milwaukee	9	0.3%	3,557^	0	0.0%	0	0	0.0%	0	9	0.2%	3,557^
Zip specified		2,925	99.2%	-	1,314	99.6%	-	38	100.0%	-	4,277	99.3%	-
Unspecified Zip		24	0.5%	-	5	-	-	0	-	-	29	-	-
County Total		2,949	100.0%	4797	1,319	100.0%	-	38	100.0%	-	4,306	100.0%	1732

# Milwaukee County Syphilis Surveillance Report - 2021

## Reported Cases and Rates (per 100,000 people)

### by Stage of Infection, Gender, Race, and Ethnicity and Region

	Primary			Secondary			Early Latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
<b>Total</b>	9	100%	14 <sup>^</sup>	8	100%	12 <sup>^</sup>	11	100%	17 <sup>^</sup>	28	100%	43
<b>Gender</b>												
Male	6	66.7%	18 <sup>^</sup>	2	25.0%	*	4	36.4%	*	12	42.9%	37
Female	3	33.3%	*	5	62.5%	*	7	63.6%	22 <sup>^</sup>	15	53.6%	46
Transgender Female	0	0.0%	-	1	12.5%	-	0	0.0%	-	1	3.6%	-
Transgender Male	0	0.0%	-	-	0.0%	-	-	0.0%	-	0	0.0%	-
Unknown	0	0.0%	-	-	0.0%	-	-	0.0%	-	0	0.0%	-
<b>Race/Ethnicity</b>												
White	0	0.0%	0	0	0.0%	0	8	72.7%	32 <sup>^</sup>	8	28.6%	32 <sup>^</sup>
Black	8	88.9%	37 <sup>^</sup>	7	87.5%	33 <sup>^</sup>	0	0.0%	0	15	53.6%	70
Native American	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Asian	1	11.1%	*	0	0.0%	0	0	0.0%	0	1	3.6%	*
Hispanic	0	0.0%	0	0	0.0%	0	3	27.3%	*	3	10.7%	*
Other/Unknown	0	0.0%	-	1	12.5%	-	0	0.0%	-	1	3.6%	-
<b>Region of residence</b>												
Northeastern	-	-	-	-	-	-	-	-	-	-	-	-
Northern	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern	9	100.0%	4 <sup>^</sup>	8	100.0%	12 <sup>^</sup>	11	100.0%	17 <sup>^</sup>	28	100.0%	43
Southern	-	-	-	-	-	-	-	-	-	-	-	-
Western	-	-	-	-	-	-	-	-	-	-	-	-

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

# Milwaukee County Syphilis Surveillance Report - 2021

## Reported Cases and Rates (per 100,000 people)

### by Stage of Infection, Gender, Race, and Ethnicity and Region

	Early Total*			Late Latent*			Congenital*			All Stages Total*		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
<b>Total</b>	28	100%	43	10	100%	15 <sup>^</sup>	0	100%	0	38	100%	58
<b>Gender</b>												
Male	12	42.9%	37	3	30.0%	*	0	0.0%	0	15	39.5%	46
Female	15	53.6%	46	7	70.0%	22 <sup>^</sup>	0	0.0%	0	22	57.9%	68
Transgender Female	1	3.6%	-	0	0.0%	-	0	0.0%	-	1	2.6%	-
Transgender Male	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%	-
<b>Race/Ethnicity</b>												
White	8	28.6%	32 <sup>^</sup>	2	20.0%	*	0	0.0%	0	10	26.3%	40 <sup>^</sup>
Black	15	53.6%	70	6	60.0%	28 <sup>^</sup>	0	0.0%	0	21	55.3%	98
Native American	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Asian	1	3.6%	*	1	10.0%	*	0	0.0%	0	2	5.3%	*
Hispanic	3	10.7%	*	1	10.0%	*	0	0.0%	0	4	10.5%	*
Other/Unknown	1	3.6%	-	0	0.0%	-	0	0.0%	0	1	2.6%	*
<b>Region of residence</b>												
Northeastern	-	-	-	-	-	-	-	-	-	-	-	-
Northern	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern	28	100.0%	43	10	100.0%	15	0	0.0%	0	38	100.0%	58
Southern	-	-	-	-	-	-	-	-	-	-	-	-
Western	-	-	-	-	-	-	-	-	-	-	-	-

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

## 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 vary 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 the 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 this report, cases are allocated to the county of residence at the time of diagnosis. Cases diagnosed among inmates of correctional facilities and cases residing outside Wisconsin are not included in this report.
6. All races are non-Hispanic ethnicity. Under the category race, Asian includes Asian Pacific Islander and American Indian Alaska Native is named as Native American.
7. Rates based on five case counts or less are not shown; ^Rate is unreliable due to a count <12.

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