



# Sexually Transmitted Infections in Milwaukee County, Wisconsin, 2021

People 20-24 years of age



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

Overall STI cases reported in Milwaukee among persons aged 20-24 increased by 2.7% in 2021. The most significant change observed in 2021 was a 124% increase in syphilis cases reported. In 2021, gonorrhea cases decreased by 4.7% and chlamydia cases increased by 3.6%.

Table 1.

## Syphilis and Chlamydia rate is on the rise among young adult in Milwaukee County in 2021.

Number of Cases and Rate (per 100,000 people) of Chlamydia, Gonorrhea, Syphilis In Persons 20-24 Years of Age, Milwaukee - 2017-2021

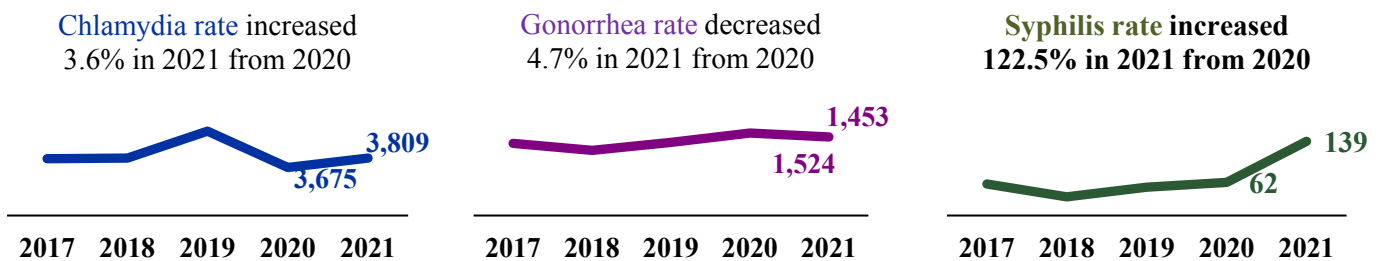
Disease	2017		2018		2019		2020		2021	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
<b>Chlamydia</b>	3,800	5,917	3,805	5,925	4,185	6,517	3,675	4,714	3,809	4,885
<b>Gonorrhea</b>	1,332	2,074	1,204	1,875	1,350	2,102	1,524	1,955	1,453	1,864
<b>Syphilis</b>	59	92	35	55	53	83	62	80	139	178

Note: 2020 counts exclude cases diagnosed in federal or private prisons. WISH (Wisconsin Interactive Statistic on Health) 2019 population data is used to calculate rates.

Figure 1.

## Syphilis rate increased to 122.5% among young adult in Milwaukee County in 2021

Trends of Chlamydia, Gonorrhea, and Syphilis case among young adult, Milwaukee County 2017 – 2021



## Key points:



Sexually Transmitted Infections are widespread, impacting people of all racial and ethnic groups, gender, and ages in Wisconsin.



Rates of chlamydia and syphilis increased, and gonorrhea rate decreased in 2021 among young adults.



The most vulnerable populations include men and women between ages 20-35.

## Wisconsin Sexually Transmitted Infections - Reported Cases and Rates (per 100,000 people) by Gender, Race, Ethnicity, Age, and Region Persons 20-24 years of age - 2021

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	3,809	100.0%	4,886	1,453	100.0%	1,864	139	100%	178	5,401	100%	6,928
<b>Sex</b>												
Male	1,183	31.1%	3,108	704	48.5%	1,850	74	53.2%	194	1,961	36.3%	5,153
Female	2,620	68.8%	6,567	742	51.1%	1,860	59	42.4%	148	3,421	63.3%	8,574
Transgender-MTF	1	0.0%	-	6	0.4%	-	6	4.3%	-	13	0.2%	-
Transgender-FTM	1	0.0%	-	1	0.1%	-	0	0.0%	-	2	0.0%	-
Unknown	4	0.1%	-	0	0.0%	-	0	0.0%	-	4	0.1%	-
<b>Race/Ethnicity</b>												
White	500	13.1%	1,497	104	7.2%	311	15	10.8%	45	619	11.5%	1,854
Black	2,258	59.3%	9,370	1,081	74.4%	4,486	100	71.9%	415	3,439	63.7%	14,271
American Indian	14	0.4%	2,337	6	0.4%	1,002 <sup>^</sup>	1	0.7%	*	21	0.4%	3,506
Asian/Pacific Islander	33	0.9%	724	8	0.6%	176 <sup>^</sup>	0	0.0%	0	41	0.8%	900
Hispanic	591	15.5%	3,860	141	9.7%	921	18	12.9%	118	750	13.9%	4,899
Other/Unknown	413	10.8%	-	113	7.8%	-	5	3.6%	-	531	9.8%	-
<b>Region of residence</b>												
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	3,809	100.0%	4,886	1,453	100.0%	1,864	139	100%	178	5,401	100%	6,928
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%	-

**Milwaukee County Syphilis Surveillance Report - Reported Cases and Rates (per 100,000 people)  
by Stage of Infection, Gender, Race, Ethnicity, and Age  
Persons 20-24 years of age - 2021**

	Primary			Secondary			Early Latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	32	100%	41	32	100%	41	47	100%	60	111	100%	142
<b>Sex</b>												
Male	23	71.9%	60	15	46.9%	39	25	53.2%	66	63	56.8%	166
Female	9	28.1%	23^	16	50.0%	40	18	38.3%	45	43	38.7%	108
Transgender Female	0	0.0%	-	1	3.1%	-	4	8.5%	-	5	4.5%	-
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	4	12.5%	*	2	6.3%	*	5	10.6%	*	11	9.9%	33^
Black	20	62.5%	83	23	71.9%	95	36	76.6%	149	79	71.2%	328
Native American	1	3.1%	*	0	0.0%	0	0	0.0%	0	1	0.9%	*
Asian/Pacific Islander	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Hispanic	7	21.9%	46^	4	12.5%	*	5	10.6%	*	16	14.4%	105
Other/Unknown		0.0%	-	3	9.4%	-	1	2.1%	-	4	3.6%	-
<b>Region of residence</b>												
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	32	100%	41	32	100%	41	47	100%	60	111	100%	142
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%	-

## Milwaukee County Syphilis Surveillance Report - Reported Cases and Rates (per 100,000 people) by Stage of Infection, Gender, Race, Ethnicity, and Age Persons 20-24 years of age - 2021

	Early Total			Late Latent			Congenital			All Stage Total			
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	
<b>Total</b>	111	100%	178	28	100.0%	36	0	0.0%	0	139	100%	178	
<b>Sex</b>													
Male	63	56.8%	166	11	39.3%	29	0	0.0%	0	81	57.9%	213	
Female	43	38.7%	108	16	57.1%	40	0	0.0%	0	46	32.9%	115	
Transgender Female	5	4.5%		1	3.6%		0	0.0%		2	1.4%		
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	11	9.9%	33	4	14.3%	12	0	0.0%	0	38	27.1%	114	
Black	79	71.2%	328	21	75.0%	87	0	0.0%	0	61	43.6%	253	
Native American	1	0.9%	167	0	0.0%	0	0	0.0%	0	4	2.9%	668	
Asian	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	1.4%	44	
Hispanic	16	14.4%	105	2	7.1%	13	0	0.0%	0	22	15.7%	144	
Other/Unknown	4	3.6%		0	1	3.6%	#DIV/0!	0	0	0.0%	0	2	1.4%
<b>Region of residence</b>													
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	111	100%	178	28	100.0%	36	0	0.0%	0	139	100.0%	178	
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%	-	

\*Rates based on case counts five and less are not shown.

^Rate is unreliable due to a count <12.



## Syphilis Surveillance Report - Reported Cases and Rates (per 100,000 people) by Zip code Persons 20-24 years of age - 2021 , Milwaukee County

Zip	City	Chlamydia			Gonorrhea			Syphilis			Total		
		Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate
53110	Cudahy	32	0.85%	4124	7	0.49%	902	0	0.00%	0	39	0.73%	5026
53129	Greendale	10	0.26%	3257	0	0.00%	0	0	0.00%	0	10	0.19%	3257
53130	Hales Corners	3	0.08%	748	0	0.00%	0	0	0.00%	0	3	0.06%	748
53132	Franklin	48	1.27%	2572	4	0.28%	214	3	2.16%	161	55	1.03%	2947
53154	Oak Creek	40	1.06%	2946	0	0.00%	0	0	0.00%	0	40	0.75%	2946
53172	South Milwaukee	32	0.85%	3520	9	0.63%	990	1	0.72%	110	42	0.78%	4620
53202	Milwaukee	94	2.49%	2581	20	1.39%	549	5	3.60%	137	119	2.22%	3267
53203	Milwaukee	12	0.32%	3625	1	0.07%	302	1	0.72%	302	14	0.26%	4230
53204	Milwaukee	195	5.16%	7726	69	4.79%	2734	5	3.60%	198	269	5.02%	10658
53205	Milwaukee	84	2.22%	12864	35	2.43%	5360	4	2.88%	613	123	2.30%	18836
53206	Milwaukee	204	5.40%	13756	109	7.57%	7350	9	6.47%	607	322	6.01%	21713
53207	Milwaukee	36	0.95%	2254	15	1.04%	939	2	1.44%	125	53	0.99%	3319
53208	Milwaukee	220	5.83%	11446	106	7.37%	5515	5	3.60%	260	331	6.18%	17222
53209	Milwaukee	318	8.42%	11665	164	11.40%	6016	23	16.55%	844	505	9.43%	18525
53210	Milwaukee	214	5.67%	11882	112	7.78%	6219	7	5.04%	389	333	6.22%	18490
53211	Milwaukee	110	2.91%	1664	24	1.67%	363	1	0.72%	15	135	2.52%	2042
53212	Milwaukee	201	5.32%	7954	81	5.63%	3205	6	4.32%	237	288	5.38%	11397
53213	Milwaukee	22	0.58%	1636	5	0.35%	372	2	1.44%	149	29	0.54%	2156
53214	Milwaukee	89	2.36%	5569	26	1.81%	1627	2	1.44%	125	117	2.19%	7322
53215	Milwaukee	254	6.73%	5429	54	3.75%	1154	13	9.35%	278	321	6.00%	6860
53216	Milwaukee	224	5.93%	9898	94	6.53%	4154	10	7.19%	442	328	6.13%	14494
53217	Milwaukee	33	0.87%	3261	4	0.28%	395	0	0.00%	0	37	0.69%	3656
53218	Milwaukee	287	7.60%	9650	143	9.94%	4808	8	5.76%	269	438	8.18%	14728
53219	Milwaukee	72	1.91%	4781	18	1.25%	1195	0	0.00%	0	90	1.68%	5976
53220	Milwaukee	47	1.24%	3849	9	0.63%	737	2	1.44%	164	58	1.08%	4750
53221	Milwaukee	90	2.38%	6198	17	1.18%	1171	1	0.72%	69	108	2.02%	7438
53222	Milwaukee	69	1.83%	4236	30	2.08%	1842	6	4.32%	368	105	1.96%	6446
53223	Milwaukee	167	4.42%	9676	66	4.59%	3824	6	4.32%	348	239	4.46%	13847
53224	Milwaukee	117	3.10%	8478	53	3.68%	3841	4	2.88%	290	174	3.25%	12609
53225	Milwaukee	164	4.34%	8546	65	4.52%	3387	6	4.32%	313	235	4.39%	12246
53226	Milwaukee	23	0.61%	1773	7	0.49%	540	1	0.72%	77	31	0.58%	2390
53227	Milwaukee	44	1.17%	4746	6	0.42%	647	0	0.00%	0	50	0.93%	5394
53228	Milwaukee	18	0.48%	2387	6	0.42%	796	0	0.00%	0	24	0.45%	3183
53233	Milwaukee	191	5.06%	3820	78	5.42%	1560	6	4.32%	120	275	5.14%	5500
53235	Milwaukee	12	0.32%	1832	2	0.14%	305	0	0.00%	0	14	0.26%	2137
Zip specified		3776	100.00%		1439	100.00%		139	100.00%		5354	100.00%	
Zip code not specified		33	-	-	14	-	-	0	0	-	29	-	-
County Total		3,809	1	-	1,453	1	-	139	1	-	4306	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 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 out of 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 and rates based on counts less than 12 are marked as statistically unreliable.

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