



# Sexually Transmitted Infections in Wisconsin, 2022

People 20 – 24 years of age



# Milwaukee County Sexually Transmitted Infections (STI) Surveillance Report - 2022

Overall reported cases of the three prominent sexually transmitted infections (STIs) in Milwaukee County among persons aged 20-24 **decreased by 3%** in 2022. However, the reported cases of Syphilis (all stages) among this age group **increased by 16%** (139 cases in 2021 to 161 cases in 2022). The reported cases of gonorrhea among this age group **increased 7%** (1,453 cases in 2021 to 1,560 cases in 2022). In 2022, the reported cases of chlamydia among people aged 20-24 in Milwaukee County **decreased by 8%** (3,809 cases in 2021 to 3,512 cases in 2022).

Table 1.

## Syphilis and Gonorrhea rate is on the rise among young adult in Milwaukee County in 2022.

Number of Cases and Rate (per 100,000 people) of Chlamydia, Gonorrhea, Syphilis

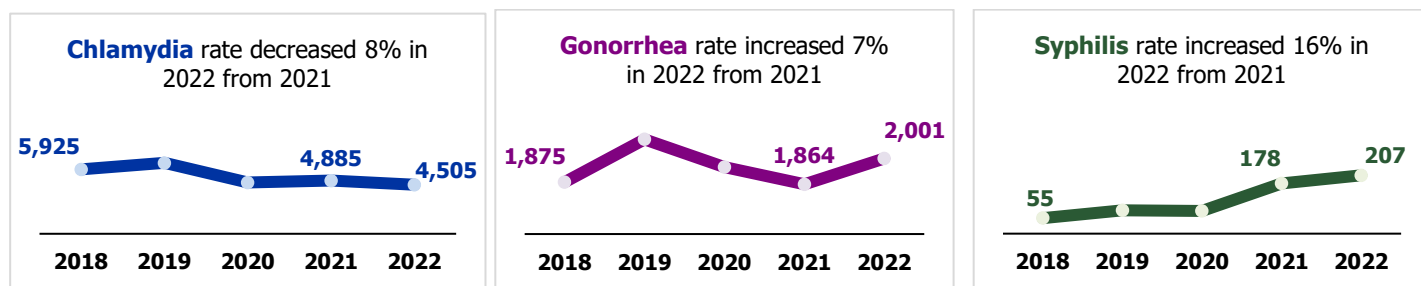
In Persons 20-24 Years of Age, Milwaukee - 2018-2022

Disease	2018		2019		2020		2021		2022	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
<b>Chlamydia</b>	3,805	5,925	4,185	6,517	3,675	4,714	3,809	4,885	3,512	4,505
<b>Gonorrhea</b>	1,204	1,875	1,350	2,102	1,524	1,955	1,453	1,864	1,560	2,001
<b>Syphilis</b>	35	55	53	83	62	80	139	178	161	207

Figure 1.

## Syphilis rate increased 16% among young adult in Milwaukee County in 2022

Trends of Chlamydia, Gonorrhea, and Syphilis case among young adult, Milwaukee County 2018 – 2022



### Key points:



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



Rates of gonorrhea and syphilis increased, and chlamydia rate decreased in 2022 among people aged 20-24 in Milwaukee County.



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 - 2022

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	3,512	100.0%	4,505	1,560	100.0%	2,001	161	100%	207	5,233	100%	6713
<b>Sex</b>												
Male	1,160	33.0%	3,048	768	49.2%	2,018	87	54.0%	229	2,015	38.5%	5,295
Female	2,346	66.8%	5,880	788	50.5%	1,975	70	43.5%	175	3,204	61.2%	8,030
Transgender-MTF	3	0.1%	-	2	0.1%	-	4	2.5%	-	9	0.2%	-
Transgender-FTM	2	0.1%	-	0	0.0%	-	0	0.0%	-	2	0.0%	-
Unknown	1	0.0%	-	2	0.1%	-	0	0.0%	-	3	0.1%	-
<b>Race/Ethnicity</b>												
White	467	13.3%	1,399	115	7.4%	344	12	7.5%	36	594	11.4%	1,779
Black	2,222	63.3%	9,221	1,215	77.9%	5,042	126	78.3%	523	3,563	68.1%	14,785
American Indian	18	0.5%	3,005	5	0.3%	*	0	0.0%	0	23	0.4%	3,840
Asian/Pacific Islander	62	1.8%	1,361	11	0.7%	241^	2	1.2%	*	75	1.4%	1,646
Hispanic	561	16.0%	3,664	160	10.3%	1,045	18	11.2%	118	739	14.1%	4,827
Other/Unknown	182	5.2%	-	54	3.5%	-	3	1.9%	-	239	4.6%	-
<b>Region of residence</b>												
Northeastern	-	-	-	-	-	-	-	-	-	-	-	-
Northern	-	-	-	-	-	-	-	-	-	-	-	-
Southeastern	3,512	100.0%	4,505	1,560	100.0%	2,001	161	100%	207	5,233	100%	6,713
Southern	-	-	-	-	-	-	-	-	-	-	-	-
Western	-	-	-	-	-	-	-	-	-	-	-	-

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

# 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 - 2022

	Primary			Secondary			Early Latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	27	100%	35	40	100%	51	46	100%	59	113	100%	145
<b>Sex</b>												
Male	23	85.2%	60	19	47.5%	50	25	54.3%	66	67	59.3%	176
Female	4	14.8%	*	20	50.0%	50	20	43.5%	50	44	38.9%	110
Transgender Female	0	0.0%	-	1	2.5%	-	1	2.2%	-	2	1.8%	-
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	0	0.0%	0	4	10.0%	*	4	8.7%	*	8	7.1%	24^
Black	22	81.5%	91	34	85.0%	141	36	78.3%	149	92	81.4%	382
Native American	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Asian/Pacific Islander	1	3.7%	*	0	0.0%	0	1	2.2%	*	2	1.8%	*
Hispanic	4	14.8%	*	1	2.5%	*	3	6.5%	*	8	7.1%	52^
Other/Unknown		0.0%	-	1	2.5%	-	2	4.3%	-	3	2.7%	-
<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	27	100%	35	40	100%	51	46	100%	59	113	100%	145
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 five case counts or less are not shown. ^Rate is unreliable due to a count <12.

# 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 - 2022

	Early Total			Late Latent			Congenital			All Stage Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	113	100%	207	48	100.0%	62	0	0.0%	0	161	100%	207
<b>Sex</b>												
Male	67	69.0%	205	11	22.9%	29^	0	0.0%	0	78	48.4%	205
Female	44	53.1%	150	16	33.3%	40	0	0.0%	0	60	37.3%	150
Transgender Female	2	2.7%	-	1	2.1%	-	0	0.0%	-	3	1.9%	-
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	10.6%	36^	4	8.3%	*	0	0.0%	0	12	7.5%	36
Black	92	111.5%	523	34	70.8%	141	0	0.0%	0	126	78.3%	523
Native American	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Asian	2	1.8%	*	0	0.0%	0	0	0.0%	0	2	1.2%	*
Hispanic	8	15.9%	118^	10	20.8%	65^	0	0.0%	0	18	11.2%	118
Other/Unknown	3	2.7%	-	0	0.0%	-	0	0.0%	-	3	1.9%	-
<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	113	100%	207	48	100.0%	62	0	0.0%	0	161	100%	207
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 - 2022 , Milwaukee County

Zip	City	Chlamydia			Gonorrhea			Syphilis			Total		
		Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate	Case	Percent	Rate
53110	Cudahy	22	0.6%	2835	5	0.3%	*	0	0.00%	0	27	0.5%	3479
53129	Greendale	12	0.3%	3909	2	0.1%	*	1	0.64%	*	15	0.3%	4886
53130	Hales Corners	7	0.2%	1746^	1	0.1%	*	1	0.64%	*	9	0.2%	2244^
53132	Franklin	34	1.0%	1822	8	0.5%	429^	0	0.00%	0	42	0.8%	2251
53154	Oak Creek	49	1.4%	3608	6	0.4%	442^	0	0.00%	0	55	1.1%	4050
53172	South Milwaukee	20	0.6%	2200	6	0.4%	660^	0	0.00%	0	26	0.5%	2860
53202	Milwaukee	78	2.2%	2142	26	1.7%	714	2	1.27%	*	106	2.0%	2910
53203	Milwaukee	6	0.2%	1813^	3	0.2%	*	1	0.64%	*	10	0.2%	3021^
53204	Milwaukee	185	5.3%	7330	70	4.5%	2773	5	3.18%	*	260	5.0%	10301
53205	Milwaukee	69	2.0%	10567	54	3.5%	8270	2	1.27%	*	125	2.4%	19142
53206	Milwaukee	205	5.9%	13823	126	8.1%	8496	9	5.73%	607^	340	6.5%	22927
53207	Milwaukee	46	1.3%	2880	8	0.5%	501^	1	0.64%	*	55	1.1%	3444
53208	Milwaukee	200	5.7%	10406	114	7.4%	5931	11	7.01%	572^	325	6.3%	16909
53209	Milwaukee	306	8.8%	11225	86	5.5%	3155	17	10.83%	624	409	7.9%	15004
53210	Milwaukee	189	5.4%	10494	177	11.4%	9828	9	5.73%	500^	375	7.2%	20822
53211	Milwaukee	124	3.6%	1876	118	7.6%	1785	4	2.55%	*	246	4.7%	3722
53212	Milwaukee	178	5.1%	7044	25	1.6%	989	9	5.73%	356^	212	4.1%	8389
53213	Milwaukee	26	0.7%	1933	5	0.3%	*	1	0.64%	*	32	0.6%	2379
53214	Milwaukee	96	2.8%	6008	26	1.7%	1627	2	1.27%	*	124	2.4%	7760
53215	Milwaukee	233	6.7%	4980	62	4.0%	1325	6	3.82%	128^	301	5.8%	6433
53216	Milwaukee	198	5.7%	8749	107	6.9%	4728	10	6.37%	442^	315	6.1%	13920
53217	Milwaukee	22	0.6%	2174	10	0.6%	988^	3	1.91%	*	35	0.7%	3458
53218	Milwaukee	284	8.1%	9549	155	10.0%	5212	24	15.29%	807	463	8.9%	15568
53219	Milwaukee	59	1.7%	3918	25	1.6%	1660	1	0.64%	*	85	1.6%	5644
53220	Milwaukee	44	1.3%	3604	6	0.4%	491^	1	0.64%	*	51	1.0%	4177
53221	Milwaukee	77	2.2%	5303	24	1.5%	1653	2	1.27%	*	103	2.0%	7094
53222	Milwaukee	58	1.7%	3560	28	1.8%	1719	3	1.91%	*	89	1.7%	5463
53223	Milwaukee	133	3.8%	7706	61	3.9%	3534	9	5.73%	521^	203	3.9%	11761
53224	Milwaukee	132	3.8%	9565	57	3.7%	4130	3	1.91%	*	192	3.7%	13913
53225	Milwaukee	160	4.6%	8338	74	4.8%	3856	4	2.55%	*	238	4.6%	12402
53226	Milwaukee	26	0.7%	2005	8	0.5%	617^	0	0.00%	0	34	0.7%	2621
53227	Milwaukee	41	1.2%	4423	8	0.5%	863^	3	1.91%	*	52	1.0%	5609
53228	Milwaukee	10	0.3%	1326^	1	0.1%	*	1	0.64%	*	12	0.2%	1592
53233	Milwaukee	141	4.0%	2820	57	3.7%	1140	11	7.01%	220^	209	4.0%	4180
53235	Milwaukee	20	0.6%	3053	1	0.1%	*	1	0.64%	*	22	0.4%	3359
Zip specified		3776	3,490	99.4%	1439	1,550	99.4%	139	157	98%	5354	5,197	99.3%
Zip code not specified		33	33	0.6%	14	14	0.6%	0	4	2.0%	29	29	0.6%
County Total		3,809	3,512	100.0%	1,453	1,560	100.0%	139	161	1	4306	5,233	100.0%

## 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. 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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For more information contact: Wisconsin STI Unit  
1 West Wilson Street  
PO Box 2659  
Madison, WI 53701-2659  
Telephone: 608-266-8479