



Sexually Transmitted Infections in Wisconsin, 2024

People 15–19 years of age



Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

People aged 15–19, 2024

Introduction

This report highlights statewide STI trends among people aged 15–19 years. Additional statewide data, data broken down by public health region, and Milwaukee County specific data can be found on the Wisconsin Department of Health Services (DHS) STI Unit [Surveillance Data web page](#).

This report recognizes that there are many systemic barriers and social factors driving the inequities seen in the data throughout the report. STIs can affect anyone; however, some communities have much higher rates of infection than others. These disparities are not due to behavioral practices alone. There are many different social conditions, policies, and systemic practices that put some people at higher risk for STIs, such as:

- Racism
- Discrimination
- Oppression
- Poverty
- Lack of access to sexual health education
- Lack of access to health care
- Stigma

Systemic conditions like these can lead to higher prevalence of STIs in the community. In communities with higher STI rates, it is easier for a person to get an STI because it is more likely that their sexual partner(s) have already been exposed.

Overview

In 2024, a total of 7,722 cases of chlamydia, gonorrhea, and syphilis were reported among adolescents in Wisconsin. Of these, **chlamydia** cases accounted for 81% (6,188), **gonorrhea** for 19% (1,486), and **syphilis** for 1% (48) of cases. In 2024, there was a decrease of 8.6% in the total number of reported STI cases among adolescents compared to 2023 (8,453 cases).

Figure 1.

In 2024, chlamydia accounted for the majority of STI cases in people aged 15–19.

Total number of reported STI cases among people aged 15–19 years, Wisconsin, 2024.

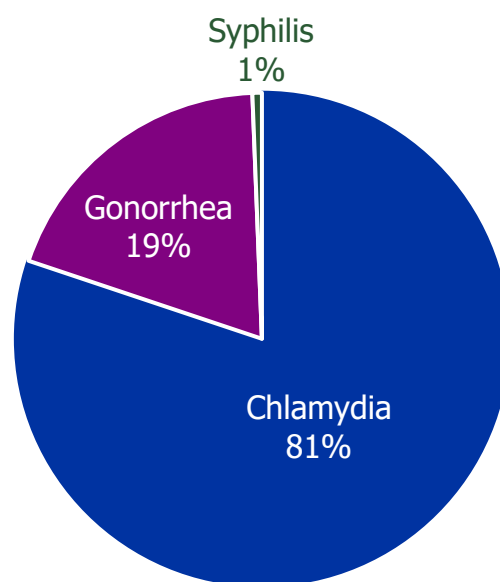


Figure 2.

In 2024, syphilis cases decreased the most (42.9%). Chlamydia cases decreased by 7.1%, and gonorrhea cases decreased by 13.2%.

Five-year trend of STI cases among people aged 15–19 years in Wisconsin, 2020–2024.

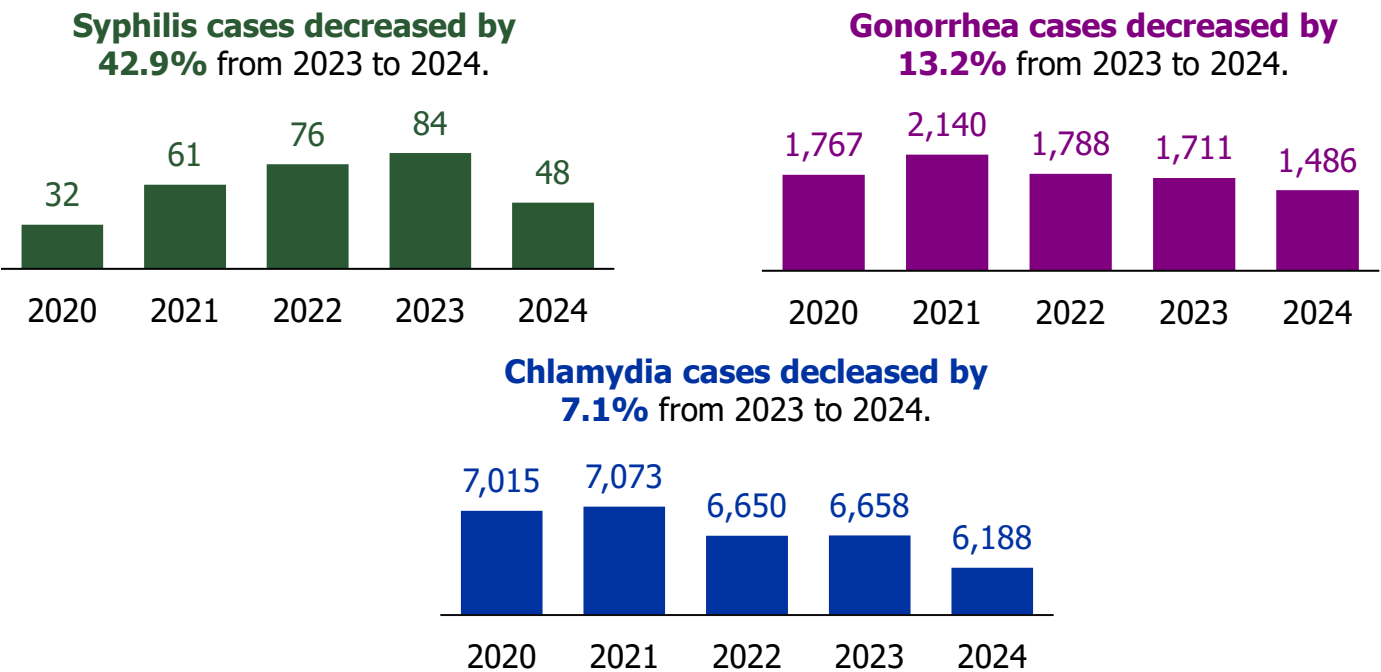
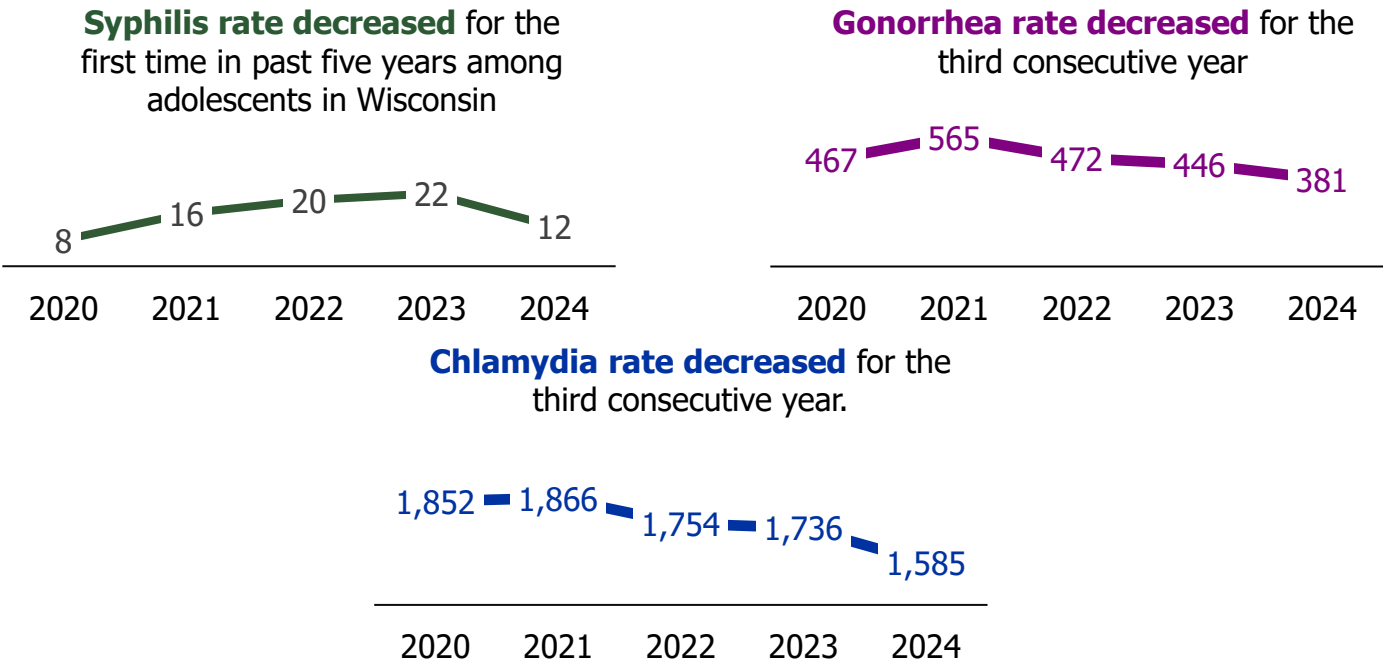


Figure 3.

In 2024, the rate of all three reportable STIs decreased among adolescents compared to 2023, with a particularly notable 45% decrease in the syphilis rate.

Rate (per 100,000 people) of reported cases of STIs in Wisconsin, 2020–2024.



Key takeaways from 2024:



Sexually transmitted infections (STIs) are widespread, impacting people of all racial and ethnic groups, genders, and ages in Wisconsin.



All three reportable STIs (chlamydia, gonorrhea, and syphilis) decreased among adolescents compared to 2023, with a particularly notable drop (42.9%) in the syphilis rate.



The rate of syphilis among female adolescents was 1.2 times higher than the rate among male adolescents. Black adolescents had the highest syphilis rate (121 per 100,000) compared to the adolescents of other races and ethnicities.

Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

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

Persons 15–19 years of age – 2024

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	6,188	100%	1,585	1,486	100%	381	48	100%	12	7,722	100%	1,978
Gender												
Male	1,702	28%	850	644	43%	322	22	46%	11	2,368	31%	1,183
Female	4,470	72%	2,350	838	56%	440	25	52%	13	5,333	69%	2,803
Transgender Male	2	0%	-	2	0%	-	1	2%	-	5	0%	-
Transgender Female	2	0%	-	0	0%	-	0	0%	-	2	0%	-
Other/Unknown	12	0%	-	2	0%	-	0	0%	-	14	0%	-
Race/Ethnicity												
White	1,834	30%	664	121	8%	44	2	4%	*	1,957	25%	709
Black	3,141	51%	10,263	1,210	81%	3,954	37	77%	121	4,388	57%	14,338
Native American	83	1%	2,069	5	0%	*	0	0%	0	88	1%	2,193
Asian	58	1%	390	3	0%	*	0	0%	0	61	1%	410
Two or More Races	27	0%	186	2	0%	*	1	2%	*	30	0%	206
Hispanic	724	12%	1,441	84	6%	167	6	13%	12^	814	11%	1,620
Other	172	3%	-	42	3%	-	2	4%	-	216	3%	-
Unknown	149	2%	-	19	1%	-	0	0%	-	168	2%	-
Region												
Northeastern	788	13%	963	60	4%	73	3	6%	*	851	11%	1,040
Northern	272	4%	900	10	1%	33^	1	2%	*	283	4%	937
Southeastern	3,694	60%	2,611	1294	87%	915	38	79%	27	5,026	65%	3,553
Southern	971	16%	1,219	92	6%	116	5	10%	*	1,068	14%	1,341
Western	443	7%	773	27	2%	47	1	2%	*	471	6%	822
Institution**	20	0%	-	6	0%	-	0	0%	-	26	0%	-

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

**Institutions' cases include cases from Federal/State facilities.

Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

Reported cases and Rates per 100,000 people by region and county.

Persons 15–19 years of age – 2024

	Chlamydia			Gonorrhea			Syphilis			Total		
	Case	Percent	Rate*	Case	Percent	Rate*	Case	Percent	Rate*	Case	Percent	Rate*
Northeastern												
Brown	228	3.7%	1,227	13	0.9%	70	1	2.1%	*	242	3.1%	1,303
Calumet	27	0.4%	749	1	0.1%	*	0	0.0%	0	28	0.4%	777
Door	11	0.2%	714^	0	0.0%	0	0	0.0%	0	11	0.1%	714^
Fond Du Lac	66	1.1%	954	17	1.1%	246	0	0.0%	0	83	1.1%	1,200
Green Lake	8	0.1%	682^	1	0.1%	*	0	0.0%	0	9	0.1%	767^
Kewaunee	6	0.1%	489^	0	0.0%	0	0	0.0%	0	6	0.1%	489^
Manitowoc	38	0.6%	773	2	0.1%	*	0	0.0%	0	40	0.5%	814
Marinette	15	0.2%	640	1	0.1%	*	0	0.0%	0	16	0.2%	683
Marquette	6	0.1%	688^	0	0.0%	0	0	0.0%	0	6	0.1%	688^
Menominee	9	0.1%	2,616^	0	0.0%	0	0	0.0%	0	9	0.1%	2,616^
Oconto	11	0.2%	488^	0	0.0%	0	0	0.0%	0	11	0.1%	488^
Outagamie	117	1.9%	935	7	0.5%	56^	0	0.0%	0	124	1.6%	991
Shawano	23	0.4%	931	1	0.1%	*	0	0.0%	0	24	0.3%	972
Sheboygan	70	1.1%	920	6	0.4%	79^	0	0.0%	0	76	1.0%	999
Waupaca	20	0.3%	675	0	0.0%	0	0	0.0%	0	20	0.3%	675
Waushara	4	0.1%	*	2	0.1%	*	2	4.2%	*	8	0.1%	641^
Winnebago	129	2.1%	1,145	11	0.7%	98^	0	0.0%	0	140	1.8%	1,243
Region total	788	12.7%	963	62	4.2%	76	3	6.3%	*	853	11.0%	1,042

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

Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

Reported cases and Rates per 100,000 people by region and county.

Persons 15–19 years of age – 2024

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Northern												
Ashland	5	0.1%	*	0	0.0%	0	0	0.0%	0	5	0.1%	*
Bayfield	1	0.0%	*	0	0.0%	0	0	0.0%	0	1	0.0%	*
Florence	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Forest	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
Iron	1	0.0%	*	0	0.0%	0	0	0.0%	0	1	0.0%	*
Langlade	11	0.2%	1,048^	0	0.0%	0	0	0.0%	0	11	0.1%	1,048^
Lincoln	27	0.4%	1,896	3	0.2%	*	0	0.0%	0	30	0.4%	2,107
Marathon	82	1.3%	934	2	0.1%	*	1	2.1%	*	85	1.1%	968
Oneida	15	0.2%	821	0	0.0%	0	0	0.0%	0	15	0.2%	821
Portage	48	0.8%	853	5	0.3%	*	0	0.0%	0	53	0.7%	941
Price	3	0.0%	*	0	0.0%	0	0	0.0%	0	3	0.0%	*
Sawyer	7	0.1%	691^	0	0.0%	0	0	0.0%	0	7	0.1%	691^
Taylor	11	0.2%	812	0	0.0%	0	0	0.0%	0	11	0.1%	812^
Vilas	5	0.1%	*	0	0.0%	0	0	0.0%	0	5	0.1%	*
Wood	56	0.9%	1,266	1	0.1%	*	0	0.0%	0	57	0.7%	1,289
Region total	272	4.4%	900	11	0.7%	36	1	2.1%	*	284	3.7%	940

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Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

Reported cases and Rates per 100,000 people by region and county.

Persons 15–19 years of age – 2024

	Chlamydia			Gonorrhea			Syphilis			Total		
	Case	Percent	Rate*	Case	Percent	Rate*	Case	Percent	Rate*	Case	Percent	Rate*
Southeastern												
Kenosha	176	2.8%	1,478	32	2.2%	269	2	4.2%	*	210	2.7%	1,763
Milwaukee	2,875	46.5%	4,607	1,112	74.8%	1,782	31	64.6%	50	4,018	52.0%	6,439
Ozaukee	29	0.5%	476	5	0.3%	*	0	0.0%	0	34	0.4%	558
Racine	333	5.4%	2,670	106	7.1%	850	4	8.3%	*	443	5.7%	3,552
Walworth	48	0.8%	619	4	0.3%	*	0	0.0%	0	52	0.7%	670
Washington	49	0.8%	581	4	0.3%	*	0	0.0%	0	53	0.7%	629
Waukesha	184	3.0%	724	17	1.1%	67	2	4.2%	*	203	2.6%	799
Region total	3,694	59.7%	2,747	1280	86.1%	952	39	81.3%	29	5,013	64.9%	3,728

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Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

Reported cases and Rates per 100,000 people by region and county.

Persons 15–19 years of age – 2024

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Southern												
Adams	4	0.1%	*	1	0.1%	*	0	0.0%	0	5	0.1%	*
Columbia	29	0.5%	833	1	0.1%	*	0	0.0%	0	30	0.4%	861
Crawford	8	0.1%	841^	0	0.0%	0	0	0.0%	0	8	0.1%	841^
Dane	575	9.3%	1,445	66	4.4%	166	3	6.3%	*	644	8.3%	1,618
Dodge	37	0.6%	680	2	0.1%	*	1	2.1%	*	40	0.5%	735
Grant	14	0.2%	313	0	0.0%	0	0	0.0%	0	14	0.2%	313
Green	19	0.3%	788	3	0.2%	*	0	0.0%	43	22	0.3%	912
Iowa	11	0.2%	749^	0	0.0%	0	0	0.0%	0	11	0.1%	749^
Jefferson	47	0.8%	674	2	0.1%	*	0	0.0%	0	49	0.6%	703
Juneau	8	0.1%	538^	1	0.1%	*	0	0.0%	0	9	0.1%	605^
Lafayette	2	0.0%	*	0	0.0%	0	0	0.0%	0	2	0.0%	*
Richland	8	0.1%	724^	0	0.0%	0	0	0.0%	0	8	0.1%	724*
Rock	158	2.6%	1,460	15	1.0%	139	0	0.0%	0	173	2.2%	1,599
Sauk	40	0.6%	986	3	0.2%	*	0	0.0%	0	43	0.6%	1,060
Vernon	11	0.2%	509^	0	0.0%	0	0	0.0%	0	11	0.1%	509*
Region total	971	15.7%	1,121	94	6.3%	109	4	8.3%	*	1,069	13.8%	1,234

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Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report

Reported cases and Rates per 100,000 people by region and county.

Persons 15–19 years of age – 2024

	Chlamydia			Gonorrhea			Syphilis			Total		
Western	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Barron	25	0.4%	893	2	0.1%	*	0	0.0%	0	27	0.3%	965
Buffalo	4	0.1%	*	0	0.0%	0	0	0.0%	0	4	0.1%	*
Burnett	1	0.0%	*	0	0.0%	0	0	0.0%	0	1	0.0%	*
Chippewa	37	0.6%	894	2	0.1%	*	0	0.0%	0	39	0.5%	942
Clark	22	0.4%	829	1	0.1%	*	0	0.0%	0	23	0.3%	867
Douglas	26	0.4%	973	2	0.1%	*	0	0.0%	0	28	0.4%	1,048
Dunn	34	0.5%	834	1	0.1%	*	0	0.0%	0	35	0.5%	859
Eau Claire	78	1.3%	947	5	0.3%	*	0	0.0%	0	83	1.1%	1,007
Jackson	6	0.1%	495^	0	0.0%	0	1	2.1%	*	7	0.1%	578^
La Crosse	102	1.6%	1,068	8	0.5%	84^	0	0.0%	0	110	1.4%	1,152
Monroe	18	0.3%	584	0	0.0%	0	0	0.0%	0	18	0.2%	584
Pepin	2	0.0%	*	0	0.0%	0	0	0.0%	0	2	0.0%	*
Pierce	13	0.2%	347	1	0.1%	*	0	0.0%	0	14	0.2%	374
Polk	17	0.3%	620	0	0.0%	0	0	0.0%	0	17	0.2%	620
Rusk	5	0.1%	*	1	0.1%	*	0	0.0%	0	6	0.1%	763^
Saint Croix	28	0.5%	425	1	0.1%	*	0	0.0%	0	29	0.4%	440
Trempealeau	25	0.4%	1,208	2	0.1%	*	0	0.0%	0	27	0.3%	1,304
Washburn	3	0.0%	*	1	0.1%	*	0	0.0%	0	4	0.1%	*
Region total	443	7.2%	773	33	1.8%	58	1	2.1%	*	446	5.8%	779
All Regions	6,168	99.7%	1,580	1,480	99.6%	379	48	100.0%	12	7,665	99.3%	1,963
Institutions	20	0.3%		6	0.4%		0	0.0%		26	0.3%	NA
All Total	6,188	100.0%	1,569	1,486	100.0%	377	48	100.0%	12	7,722	100.0%	1,958

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

Wisconsin Syphilis (all stages) Surveillance Report

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

Persons 15–19 years of age – 2024

	Primary			Secondary			Early non-primary non-secondary			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates*
Total	5	100%	*	6	100%	2^	6	100%	2^	17	100%	4
Gender												
Male	4	80%	*	4	67%	*	1	17%	*	9	53%	4^
Female	1	20%	*	2	33%	*	4	67%	*	7	41%	4^
Transgender Female	0	0%	-	0	0%	-	1	17%	-	1	6%	-
Transgender Male	0	0%	-	0	0%	-	0	0%	-	0	0%	-
Unknown	0	0%	-	0	0%	-	0	0%	-	0	0%	-
Race/Ethnicity												
White	0	0%	0	1	17%	*	0	0%	0	1	6%	*
Black	5	100%	*	4	67%	*	5	83%	*	14	82%	46
Native American	0	0%	0	0	0%	0	0	0%	0	0	0%	0
Asian	0	0%	0	0	0%	0	0	0%	0	0	0%	0
Two or More Races	0	0%	0	0	0%	0	0	0%	0	0	0%	0
Hispanic	0	0%	0	0	0%	0	0	0%	0	0	0%	0
Other/Unknown												
Region												
Northeastern	0	0%	0	1	17%	*	0	0%	0	1	6%	*
Northern	0	0%	0	0	0%	0	0	0%	0	0	0%	0
Southeastern	5	100%	*	5	83%	*	6	100%	20^	16	94%	53
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
Institutions	0	0%	-	0	0%	-	0	-	-	-	-	-

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Wisconsin Syphilis (all stages) Surveillance Report

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

Persons 15–19 years of age – 2024

	Early Total			Late Latent			Congenital			All Stages Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	17	100%	4	31	100%	8	0	0%	0	48	100%	12
Gender												
Male	9	53%	12^	13	42%	6	0	0%	0	22	46%	11
Female	7	41%	11^	18	58%	9	0	0%	0	25	52%	13
Transgender Female	1	11%	-	0	0%	-	0	1%	-	1	2%	-
Transgender Male	0	0%	-	0	0%	-	0	0%	-	0	0%	-
Unknown	0	0%	-	0	0%	-	0	0%	-	0	0%	-
Race/Ethnicity												
White	1	6%	*	1	3%	*	0	0.0%	0	2	4%	*
Black	14	82%	46	23	74%	75	0	0.0%	0	37	77%	121
Native American	0	0%	0	0	0%	0	0	0.0%	0	0	0%	0
Asian	0	0%	0	0	0%	0	0	0.0%	0	0	0%	0
Two or More Races	0	0%	0	1	0%	*	0	0.0%	0	1	0%	*
Hispanic	0	0%	0	6	19%	12^	0	0.0%	0	6	13%	12^
Other	5	10%	-	0	0%	-	0	0.0%	-	5	6%	-
Unknown												
Region of residence												
Northeastern	1	6%	*	2	6%	*	0	0.0%	0	3	6%	*
Northern	0	0%	0	1	3%	*	0	0.0%	0	1	2%	*
Southeastern	16	94%	53	22	71%	73	0	0.0%	0	38	79%	27
Southern	0	0%	0	5	16%	*	0	0.0%	0	5	10%	*
Western	0	0%	0	1	3%	*	0	0.0%	0	1	2%	*
Institutions**	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

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. For this reason, rates are only available for cisgender males and cisgender females throughout the report. In these reports, rates presented are cases per 100,000 population (2023). 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 derived county at the time of diagnosis. Cases from federal, state, or certain private institutions are included, and geographic region for these cases are assigned as institution.
6. Cases residing outside Wisconsin and unknown state cases are not included in this report.
7. All races are non-Hispanic ethnicity. Under the category of race, Asian includes Asian Pacific Islander. American Indian and Alaska Native is named as Native American. Unknown is either race or ethnicity is unknown.
8. Rates based on five case counts or less are not shown, and rates based on case counts less than 12 are marked as statistically unreliable.

For more information, contact:

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