

Sexually Transmitted Infections in Wisconsin, 2024

Reported Cases



Wisconsin Sexually Transmitted Infections (STIs)

Surveillance Report, 2024

Introduction

This report offers the most up-to-date statewide data on syphilis, gonorrhea, and chlamydia in Wisconsin. Additionally, the report illustrates the trend of STIs rates per 100,000 people over the past five years stratified by sex, age, and race and ethnicity. This data provides valuable insights into the demographic patterns and disparities in STI prevalence. This stratified approach helps identify people that are at higher risk for infections and informs targeted interventions and public health practices to address STI prevention and control more effectively.

For additional STI data broken down by Wisconsin public health region and for data specific to Milwaukee County, please see the additional reports 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.

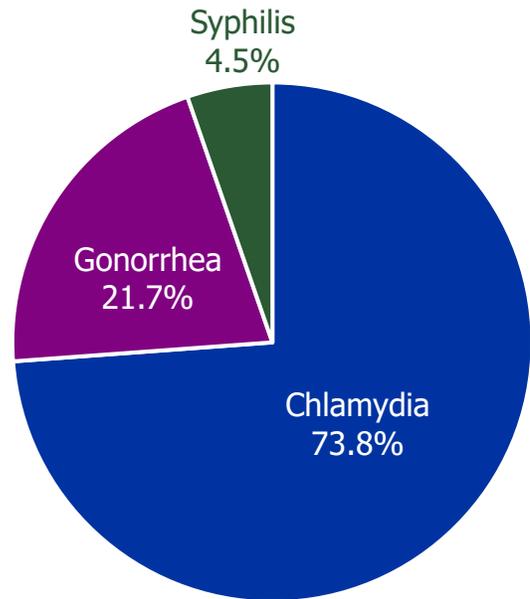
Overview

In 2024, a total of 31,576 cases of syphilis, gonorrhea, and chlamydia were reported in Wisconsin, which is a 6.6% decrease compared to the 33,791 STI cases reported in 2023. As this report highlights trends from the previous five years, it is important to note that STI surveillance data collected during the COVID-19 pandemic and presented in this report should be interpreted cautiously.

Figure 1.

In 2024, chlamydia accounted for 73.8% of the total reported STI cases followed by gonorrhea for 21.7% and syphilis for 4.5%.

Total number of reported STI cases, Wisconsin 2024.



Key takeaways from 2024 data:



People

- Sexually transmitted infections (STIs) are widespread, impacting people of all races, ethnicities, genders, and ages.
- People aged 15–24 have the highest rate of STIs (chlamydia, gonorrhea, and syphilis) compared to all other age groups.
- The rate of syphilis decreased among all age groups including people aged 40–49 years.
- Black people are still disproportionately affected by STIs rates. In 2024, the rate of primary and secondary syphilis has declined among Black people, but the rate of chlamydia and gonorrhea increased.
- The rate of all three STIs have declined in 2024 compared to 2023, but it did not decline across all age groups and genders.



Place

- Milwaukee County has the highest number of reported STIs, but small rural counties have higher rates of STIs.
- Among the five regions, the Southeastern Region had the highest number of STI cases reported in 2024.
- The reported number of chlamydia cases decreased in 51 of the 72 Wisconsin counties. Gonorrhea cases decreased in 42 counties and syphilis cases decreased in 44 counties.



Time

- The reported number of STIs dropped 6.7% from 2023 to 2024. All STI (chlamydia, gonorrhea, and syphilis) cases have decreased for the third consecutive year in a row.
- Syphilis cases (all stages) dropped for the second year in a row, but the reported number of congenital syphilis cases in 2024 was at all-time high.
- Among the three STIs reported in 2024, syphilis had the largest decrease (-21%) followed by chlamydia at (-6.7%) and gonorrhea at (-2.2%).

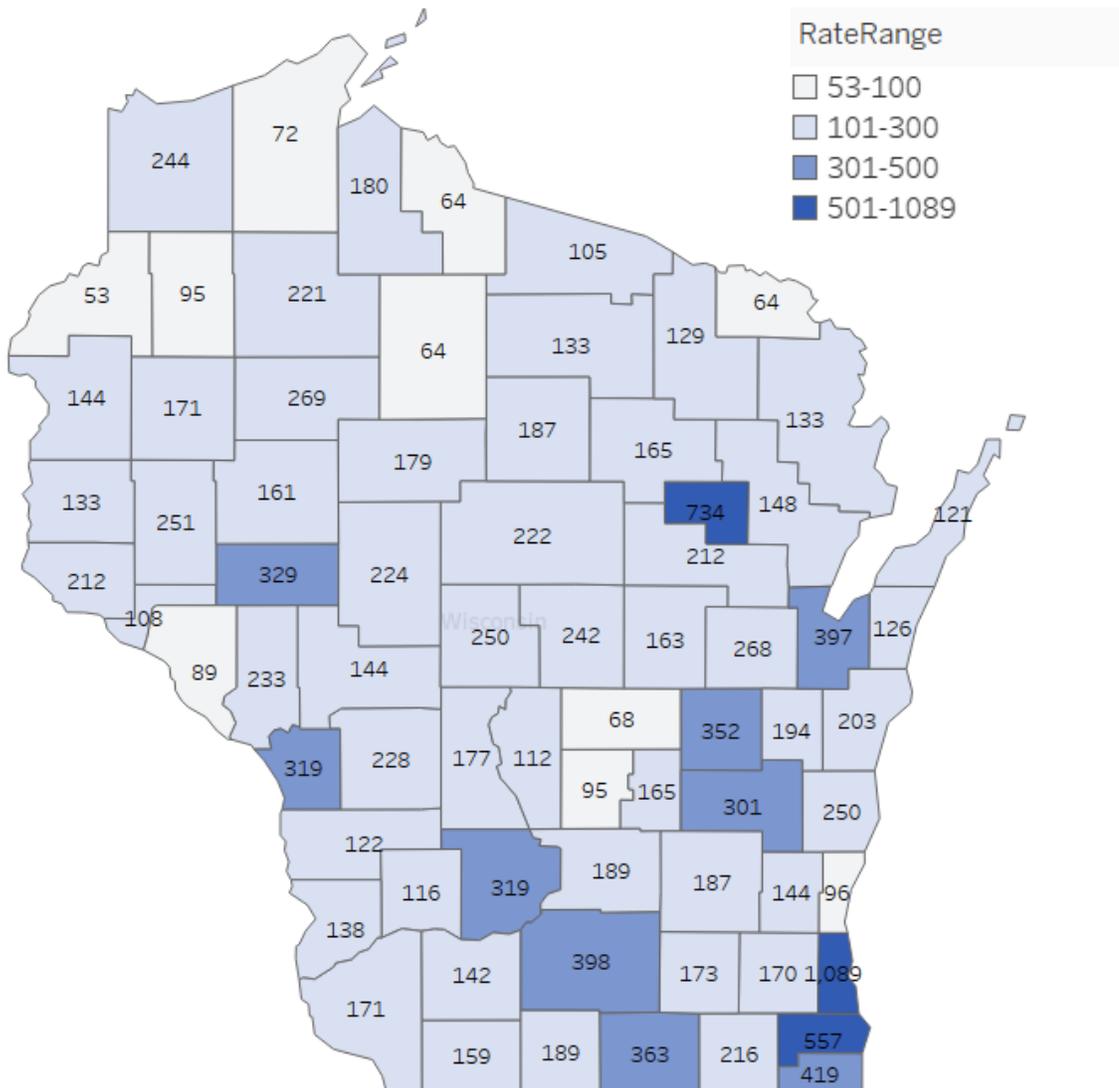
The remainder of the report will focus on individual infections, highlighting trends in cases and rates over the past five years. These detailed analyses will provide a comprehensive understanding of how the infections have evolved over time.

Chlamydia

In 2024, a total of 23,308 cases of *Chlamydia trachomatis* infection were reported, making it the most reported sexually transmitted infection in Wisconsin. The reported number of chlamydia cases decreased by 2.2% from 2023, when there were 24,992 cases reported.

Figure 2.

The rates of reported cases of chlamydia by counties in 2024. Among the seventy-two counties in Wisconsin, Milwaukee County had the highest (1089 cases per 100,000 people) rate of chlamydia and Burnett County had the lowest (53 cases per 100,000) rate of chlamydia in 2024.



The darkest blue counties reported having the highest the rate of chlamydia in 2024.

Figure 3.

The reported number of chlamydia cases continued to decrease for the third consecutive year.

Reported cases of chlamydia infection in Wisconsin, 2020–2024.

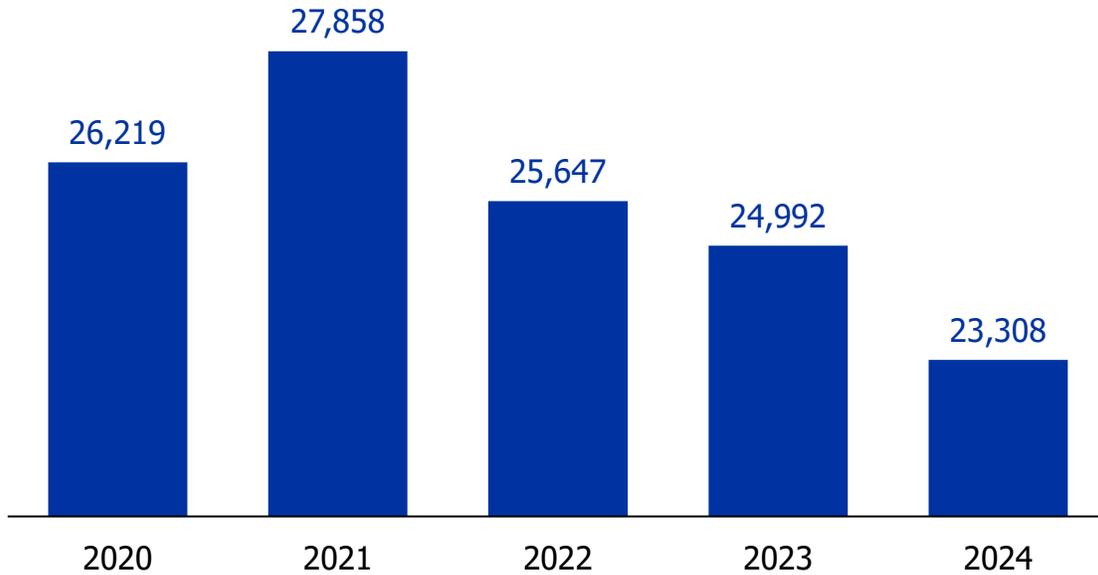
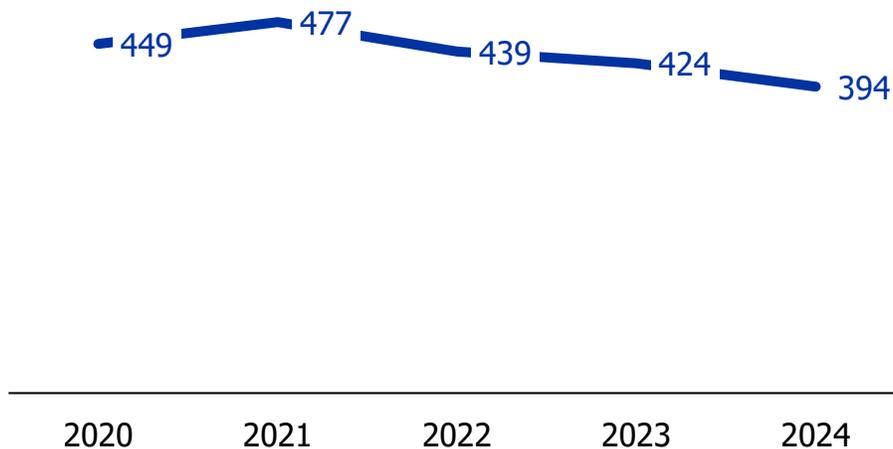


Figure 4.

The rates of reported chlamydia cases have been decreasing for the last three years.

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



Demographics

Figure 5.

Chlamydia rates have historically been higher among females compared to males, but rates are declining among both males and females.

Rates of chlamydia diagnoses per 100,000 people by sex, 2020–2024.

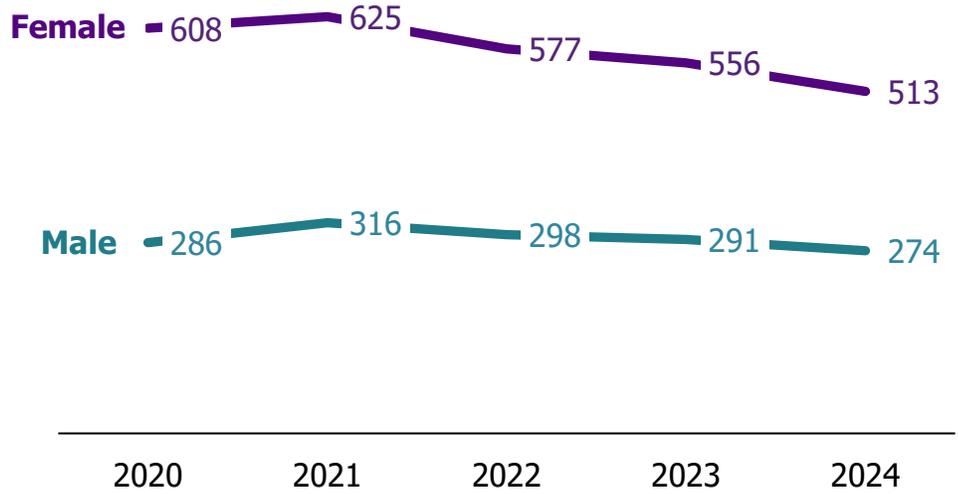


Figure 6.

In 2024, the rate of chlamydia decreased across all age groups, the most significant decline (8.7%) was observed among people aged 15–19.

Rates of chlamydia diagnoses per 100,000 people by age group, 2020–2024.

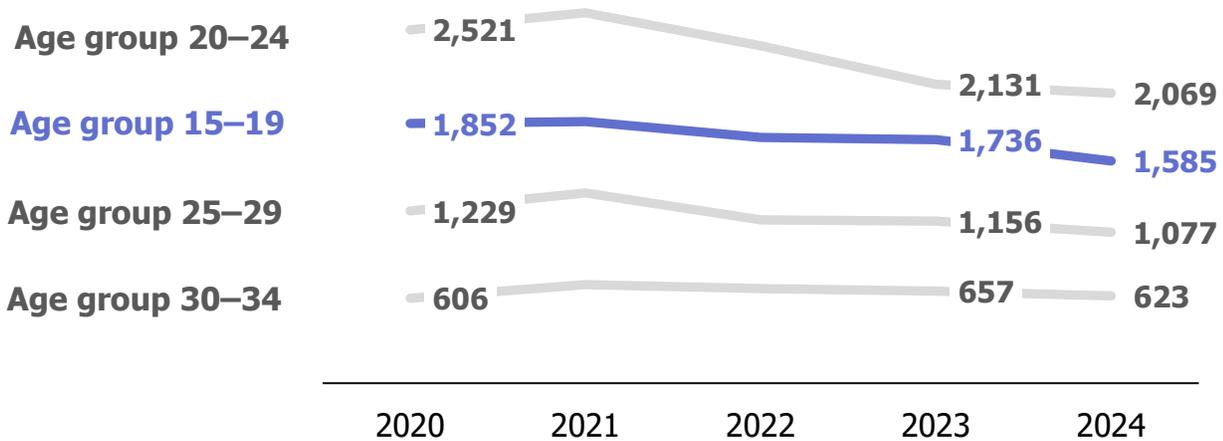


Figure 7.

In 2024, the incidence rate of chlamydia was highest among people aged 20–24 for both genders followed by people aged 15–19.

Rates of chlamydia diagnoses per 100,000 people by sex and age groups 2020–2024.

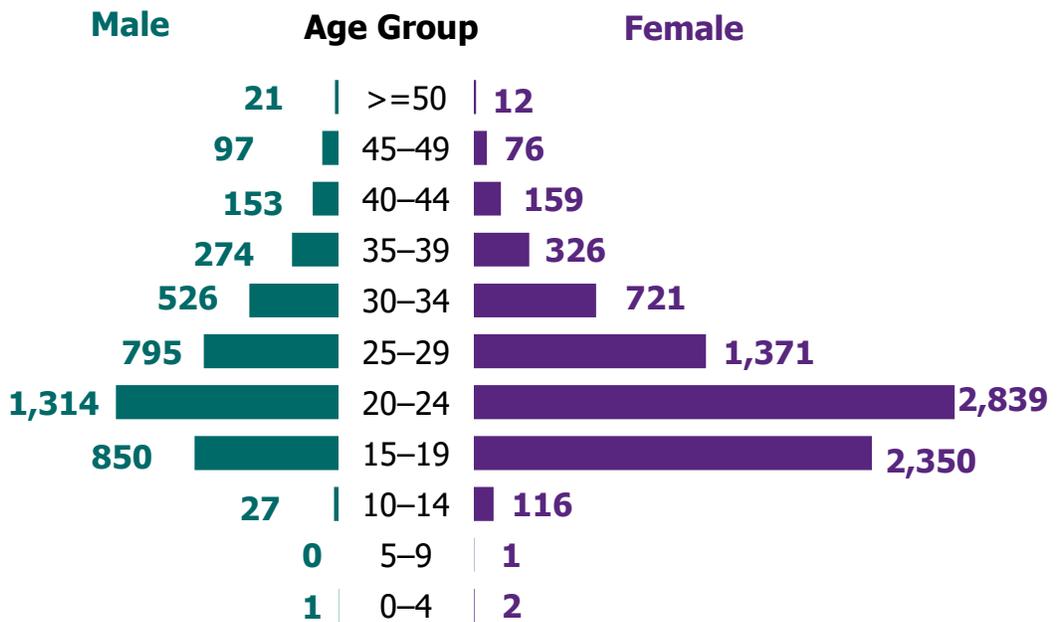
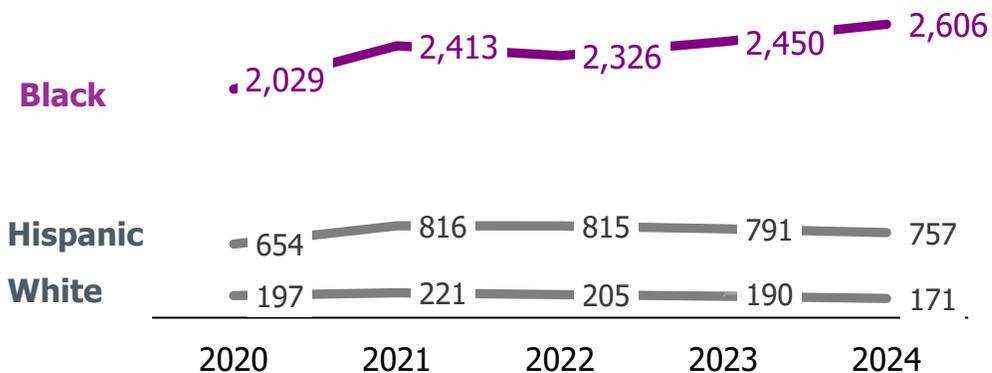


Figure 8.

Black people continue to be disproportionately affected by chlamydia. The rate of chlamydia infections increased among Black people from 2023 to 2024 while decreasing among white people and Hispanic people.

Rates of chlamydia diagnoses per 100,000 people by race/ethnicity, 2020–2024.



*Rates are not included for races/ethnicities other than Black, Hispanic, and white due to small numbers of cases reported among these groups. See technical notes for additional information.

Gonorrhea

In 2024, a total of 6,852 cases of gonorrhea were reported, making it the second most common reported STI in Wisconsin. Gonorrhea accounted for 22% of STI cases reported in 2024. The reported number of gonorrhea cases decreased by 2% in 2024 from 7,005 cases in 2023 to 6,852 in 2024. The rate of gonorrhea decreased 3% from 119 cases per 100,00 in 2023 to 116 cases per 100,000 in 2024. In 2024, the rate of gonorrhea increased among both men (128 to 133 per 100,000) and decreased among women (108 to 97 per 100,000) in 2024. The gonorrhea rates decreased among younger aged people and increased among older aged in 2024.

Figure 9.

In 2024, the highest reported rate of gonorrhea occurred in Milwaukee County with 476 cases per 100,000 population. Of the seventy-two counties, five counties (Menominee, Sheboygan, Milwaukee, Racine, Kenosha, and Rock) had higher (100>) rate of gonorrhea in 2024. Menominee County had significantly higher rate of gonorrhea compared to its neighboring counties. Reported rates of gonorrhea infection by county in Wisconsin, 2024.

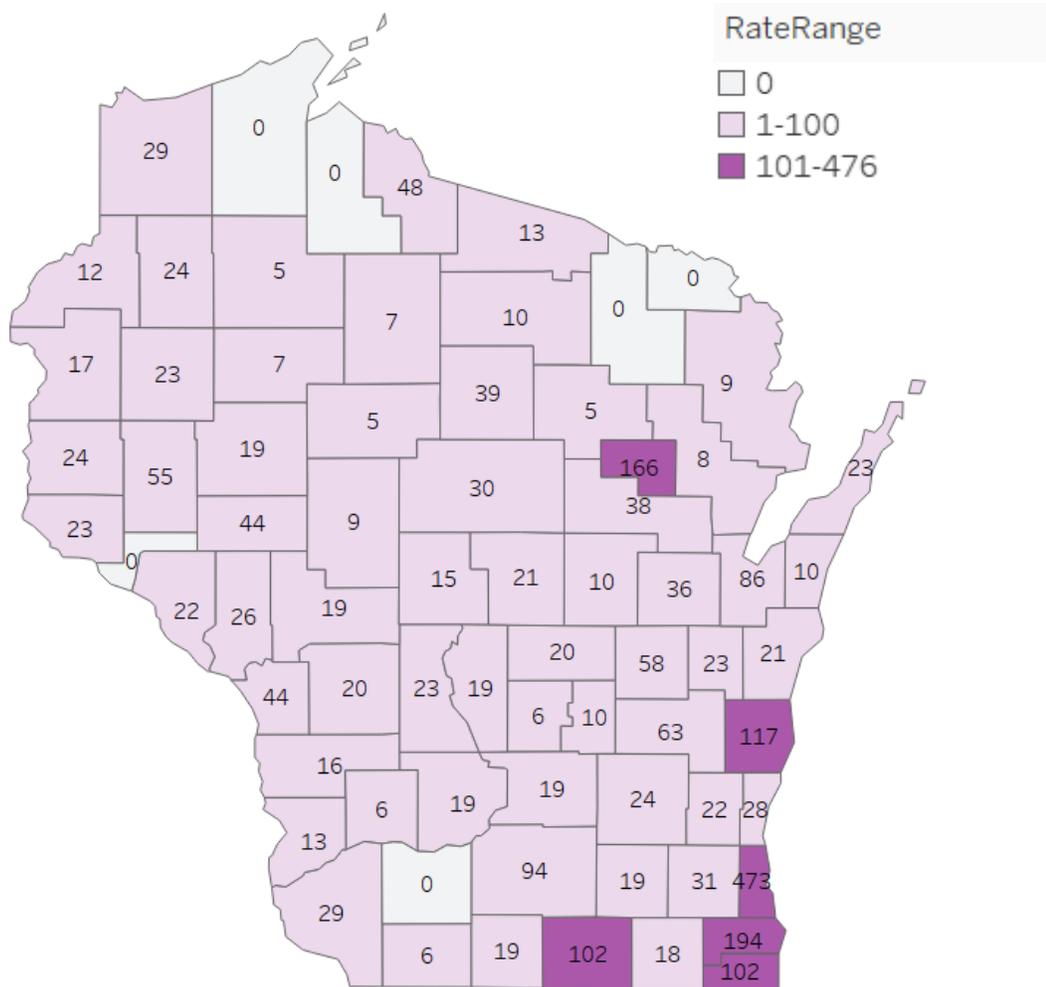


Figure 10.

The reported number of gonorrhea cases continued to trend downward for the third consecutive year.

Reported cases of gonorrhea infection in Wisconsin, 2020–2024.

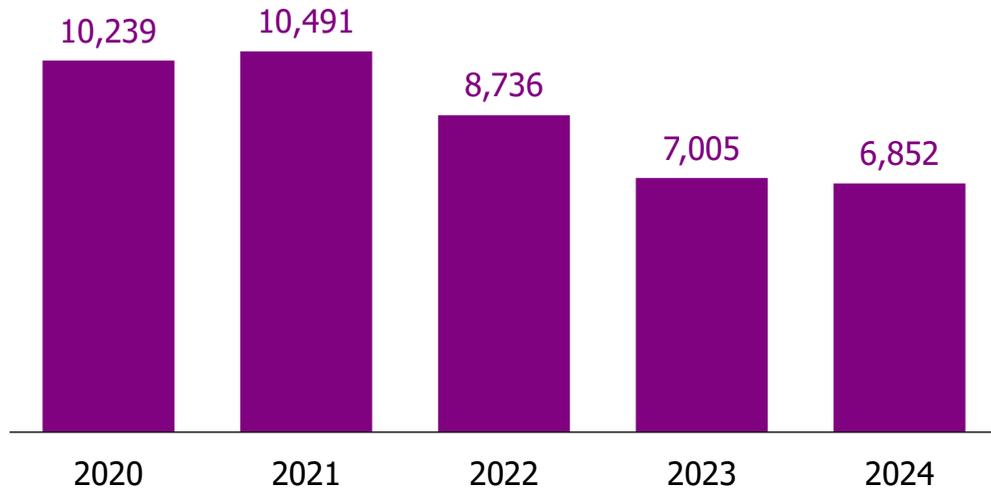
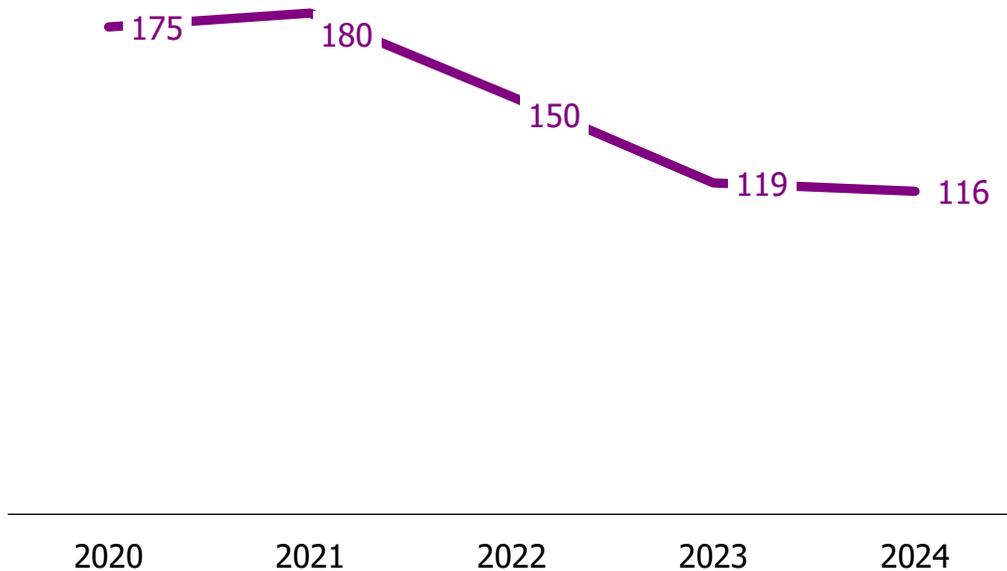


Figure 11.

The rate of gonorrhea decreased by 3% from 2023 to 2024. The rate decreased for the third consecutive year.

Rate of gonorrhea cases per 100,000 people in Wisconsin, 2020–2024.



Demographics

Figure 12.

The gonorrhea rate among both males and females decreased from 2021 to 2023. The rate among females continued to decrease in 2024, but there was a 4% increase in the rate among males.

Rates of gonorrhea diagnoses per 100,000 people by sex, 2020–2024.

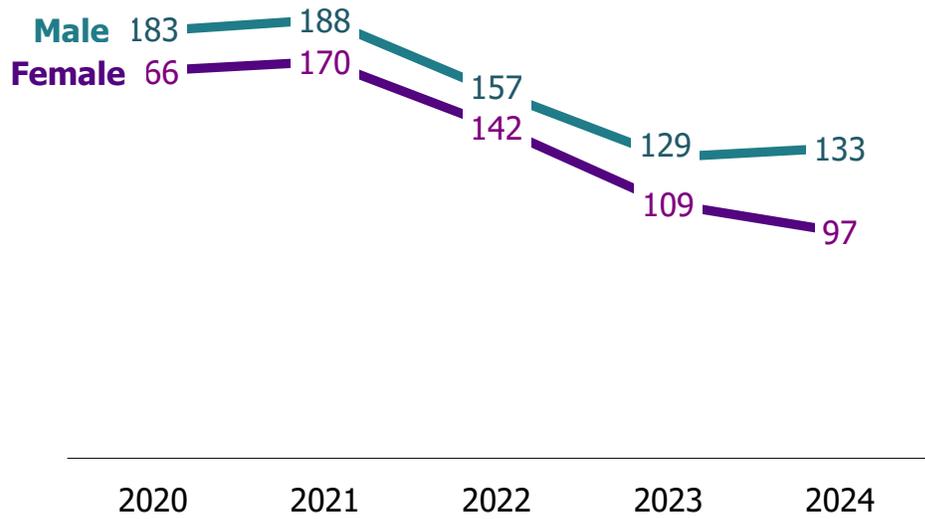


Figure 13.

Gonorrhea rates are historically higher among individuals aged 15–34, However in 2024, gonorrhea rates increased among older age groups (35 and older).

Rates of gonorrhea diagnoses per 100,000 people by age group 2020–2024.

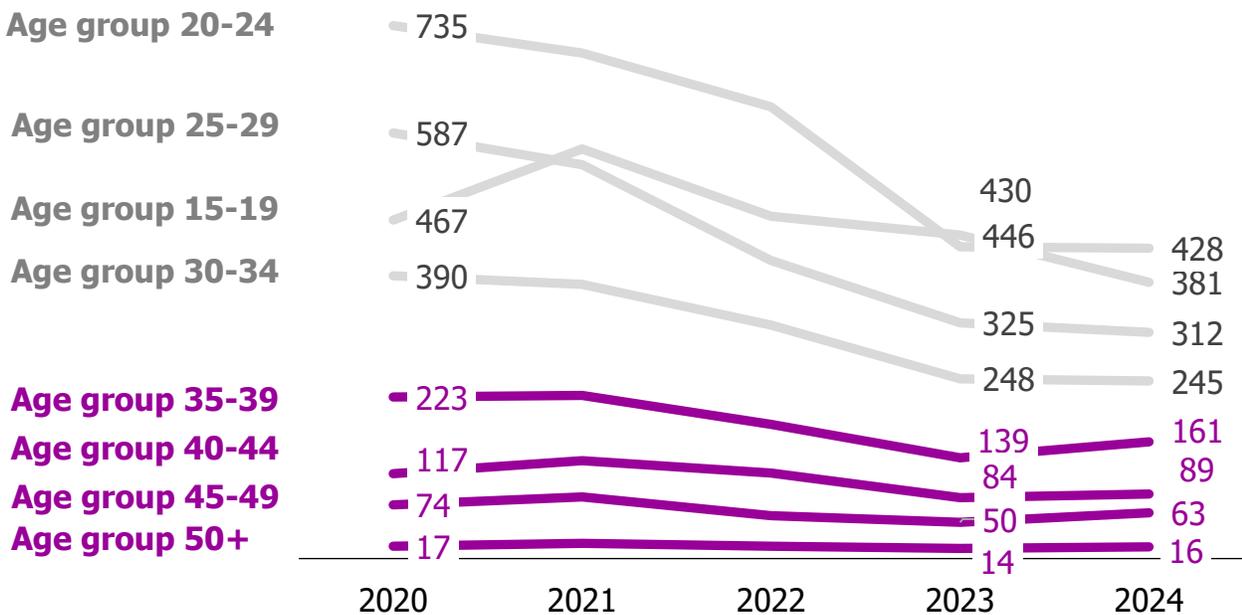


Figure 14.

In 2024, males and females from younger age groups had higher rates of gonorrhea than older age groups. Among people aged 50 years and older, the gonorrhea rate was 5.3 times higher among males than females.

Rates of gonorrhea diagnoses per 100,000 people by sex and age groups 2020–2024.

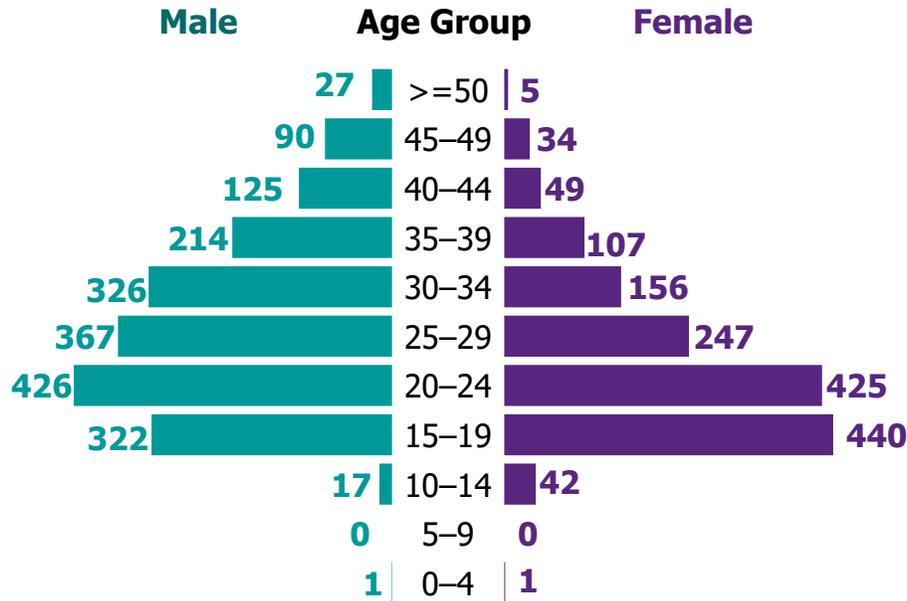
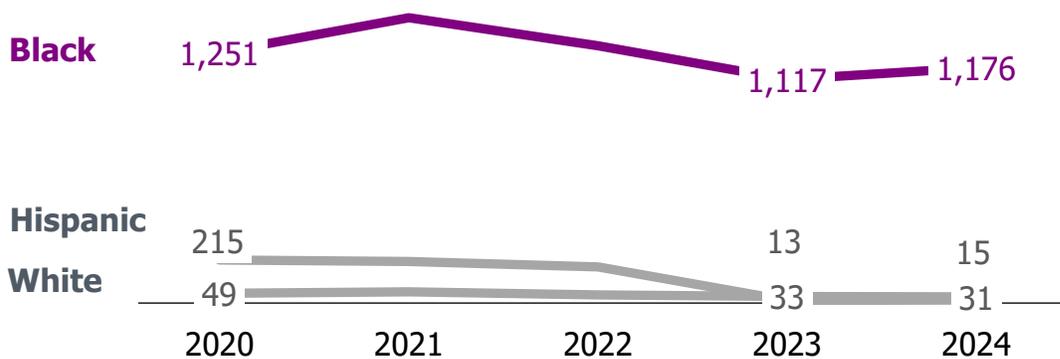


Figure 15.

Black people are disproportionately impacted by gonorrhea. In 2024, the rate increased among Black and Hispanic people compared to 2023.

Rates of gonorrhea diagnoses per 100,000 people by race/ethnicity, 2020–2024.



*Rates are not included for races/ethnicities other than Black, Hispanic, and white due to small numbers of cases reported among these groups.

Figure 17.

Reported number of syphilis cases (all stages) decreased for the second consecutive year in Wisconsin. Reported number of syphilis cases declined 21% from 2023 to 2024.

Trend of reported cases of syphilis (all stages including congenital), 2020–2024

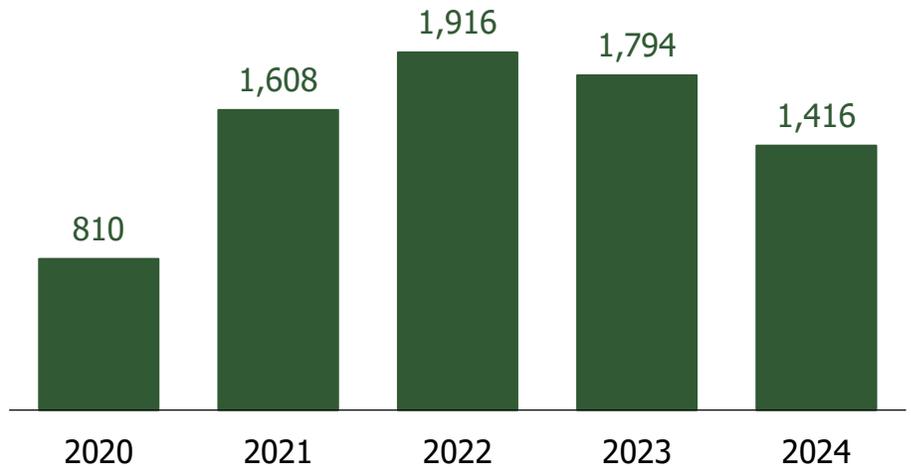


Figure 18.

The rate of syphilis cases (all stages) increased until 2022 but decreased by 27% in 2024 from 2022.

Rate of syphilis infection per 100,000 in Wisconsin, 2020–2024.

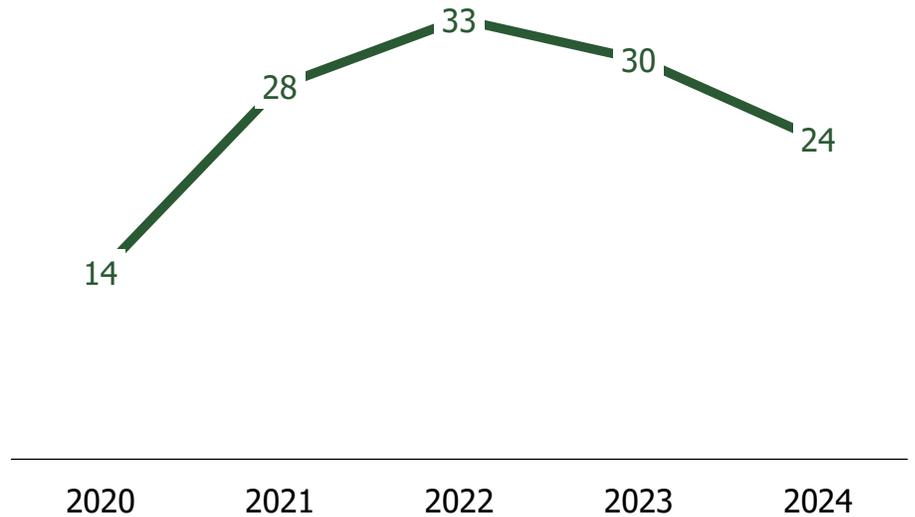
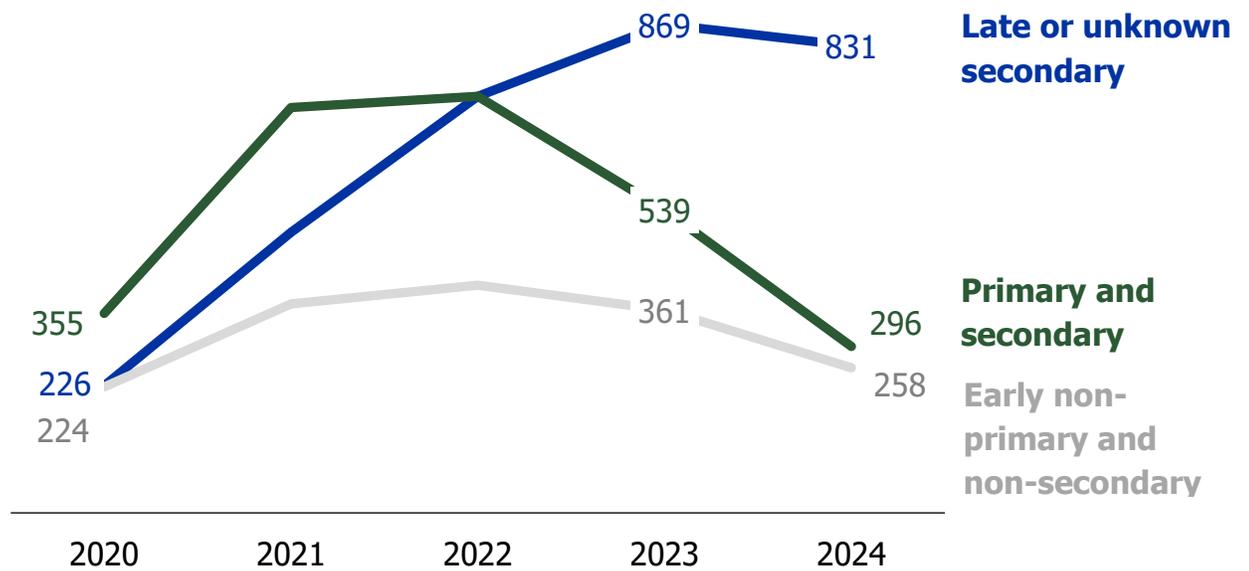


Figure 19.

From 2023 to 2024, cases of syphilis decreased across all stages. There was a significant decrease in cases of primary and secondary stage syphilis (539 cases in 2023 to 296 cases in 2024). This trend suggests a possible shift in syphilis transmission patterns and the importance of ongoing monitoring and prevention efforts.



Demographics

Figure 20.

Historically, the rate of primary and secondary syphilis has been consistently higher among males. The rates have been declining since 2022 for both males and females. In 2024, the rate decreased significantly, with a 49% drop among males and a 32% drop among females compared to 2023.

Rates of primary and secondary syphilis diagnoses per 100,000 people by sex, 2020–2024.

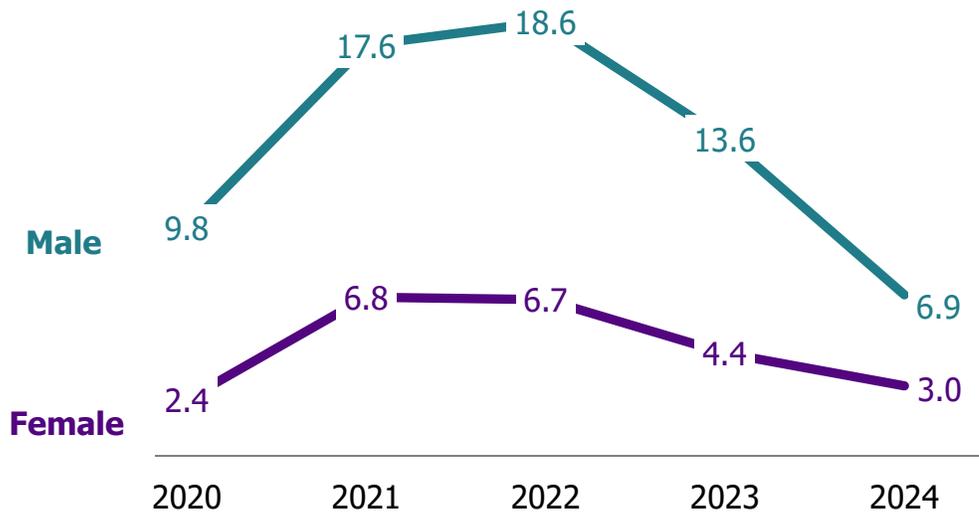


Figure 21.

In 2024, the rate of primary and secondary syphilis declined among all age groups compared to 2023. The largest decrease was seen among people ages 15–19 (65%) followed by people aged and 35–39 (53%).

Rates of primary and secondary syphilis diagnoses per 100,000 people by age group, 2020–2024.

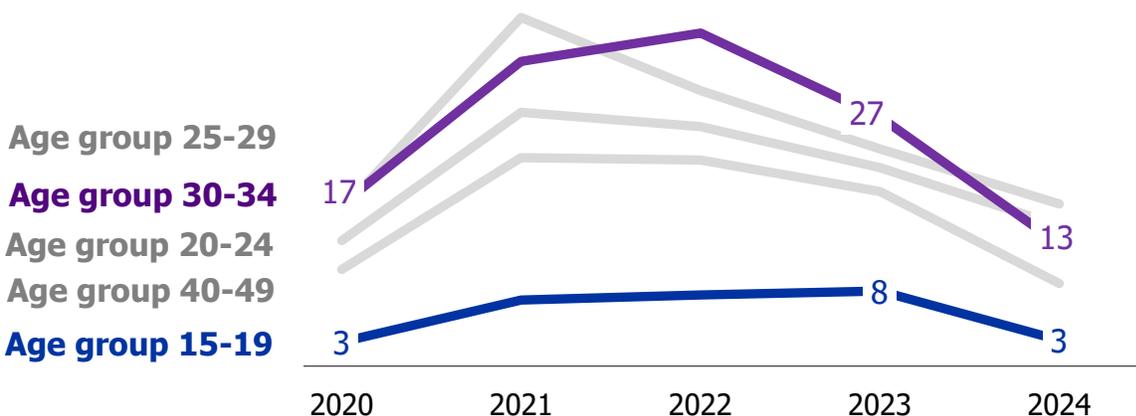
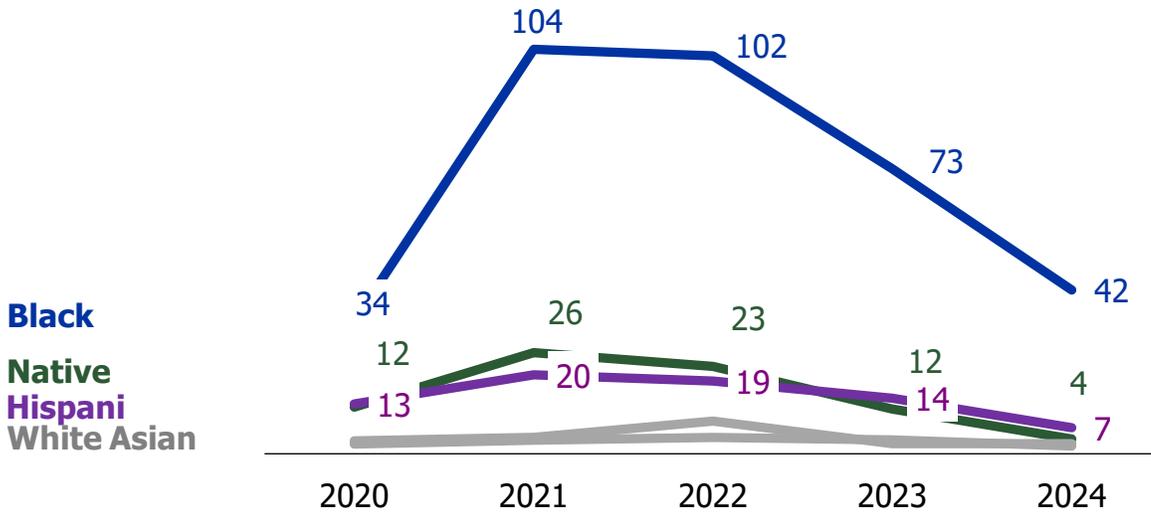


Figure 22.

The rate of primary and secondary syphilis has been decreasing among all racial and ethnic groups since 2022. In 2024, the largest decreases occurred among Native American people at 67% followed by Hispanic people at 57%. Black people continue to experience the highest rates of primary and secondary syphilis in Wisconsin.

Rate of syphilis diagnoses per 100,000 people by race, Wisconsin, 2020–2024



Congenital Syphilis

Congenital syphilis occurs when a syphilis infection is passed to a baby during pregnancy. In 2024, a record high of **31 cases** of congenital syphilis were reported. This represents a 24% increase from 2023 (25 cases in 2023 to 31 in 2024) and a 1,450% increase from 2019 (2 cases in 2019 to 31 cases in 2024).

In 2024, congenital syphilis cases were reported from seven Wisconsin counties. Notably, Milwaukee County accounted for 74% of all cases reported during this period, indicating a significant geographic concentration of disease burden.

When analyzed by race and ethnicity, increases in congenital syphilis cases were observed across most groups from 2023 to 2024:

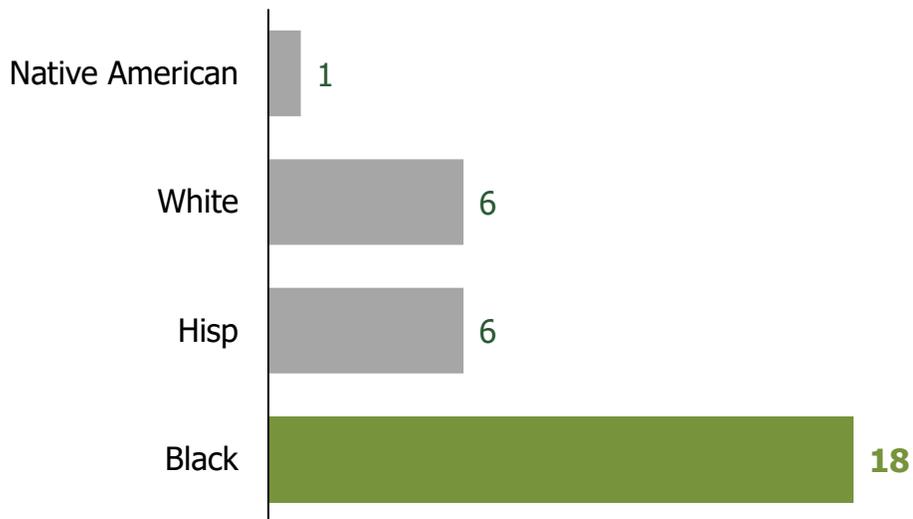
- Among Hispanic individuals, cases increased by 100%, from three cases in 2023 to six cases in 2024.
- Among Black individuals, there were a 38% increase, from 13 cases in 2023 to 18 cases in 2024.
- White individuals experienced the smallest relative increase at 20% from five cases in 2023 to six cases in 2024.

These disparities highlight the need for targeted prevention and intervention efforts that addresses both geographic and racial/ethnic disparities in congenital syphilis transmission.

Figure 25.

In 2024, 58% of reported congenital syphilis cases occurred among Black individuals. Which was 38% increase from 2023 (13 cases in 2023 to 18 cases in 2024).

Trend of congenital syphilis infections in Wisconsin, 2020–2024.



Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report, 2024

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

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	23,308	100%	394	6,852	100%	116	1,416	100%	24	31,576	100%	534
Gender												
Male	8,115	35%	274	3,945	57.6%	133	869	61%	29	12,929	41%	437
Female	15,139	65%	513	2,869	41.9%	97	522	37%	18	18,530	59%	628
Transgender Female	12	0%	-	15	0.2%	-	23	2%	-	50	0%	-
Transgender Male	14	0%	-	8	0.1%	-	1	0%	-	23	0%	-
Unknown	28	0.1%	-	15	0.2%	-	1	0%	-	44	0%	-
Race/Ethnicity												
White	8,021	34%	171	1,471	21.5%	31	375	26%	8^	9,867	31%	210
Black	9,655	41%	2,606	4,356	63.6%	1,176	681	48%	184	14,692	47%	3,965
Native American	350	2%	672	72	1.1%	138	26	2%	50	448	1%	860
Asian	412	2%	212	59	0.9%	30	23	2%	12	494	2%	254
Two or more races	71	0%	61	17	0.2%	15	15	1%	13	103	0%	89
Hispanic	3,623	16%	757	578	8.4%	121	267	19%	56	4,468	14%	934
Other/Unknown	1,176	5%	-	299	4.4%	-	29	2%	-	1,504	7%	-
Age												
0-4	5	0%	*	2	0%	*	32	2%	10^	39	0%	13
5-9	1	0%	*	0	0%	0	0	0%	0	1	0%	*
10-14	254	1%	70	104	2%	29	1	0%	*	359	1%	99
15-19	6,188	27%	1,585	1,486	22%	381	48	3%	12	7,722	24%	1,978
20-24	8,215	35%	2,069	1,700	25%	428	202	14%	51	10,117	32%	2,548
25-29	3,948	17%	1,077	1,143	17%	312	244	17%	67	5,335	17%	1,455
30-34	2,324	10%	623	915	13%	245	252	18%	68	3,491	11%	935
35-39	1,115	5%	300	599	9%	161	178	13%	48	1,892	6%	510
40-44	594	3%	157	336	5%	89	118	8%	31	1,048	3%	277
45-49	291	1%	87	210	3%	63	97	7%	29	598	2%	178
50+	373	2%	16	357	5%	16	244	17%	11^	974	3%	43
Region of residence												
Northeastern	3,479	15%	271	587	8.6%	46	119	8%	9^	4,185	13%	326
Northern	959	4%	192	94	1.4%	19	24	2%	5^	1,077	3%	216
Southeastern	13,036	56%	642	5,090	74.3%	251	935	66%	46	19,061	60%	939
Southern	3,861	17%	302	816	11.9%	64	215	15%	17	4,892	15%	382
Western	1,797	8%	219	242	3.5%	30	69	5%	8^	2,108	7%	257
Institutions**	176	1%	-	23	0.3%	-	54	4%	-	253	1%	-

Note: 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 and State institutions including corrections.

Wisconsin Sexually Transmitted Infections (STIs) Surveillance Report, 2024

Reported Cases and Rates (per 100,000 people) by Region and County

Region/County	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Northeastern												
Brown	1,075	4.6%	396	233	3.4%	86	30	2.1%	11	1,338	4.2%	493
Calumet	106	0.5%	199	12	0.2%	23	0	0.0%	0	118	0.4%	222
Door	38	0.2%	124	7	0.1%	23	1	0.1%	3	46	0.1%	151
Fond du lac	288	1.2%	277	65	0.9%	63	16	1.1%	15	369	1.2%	355
Green Lake	31	0.1%	160	2	0.0%	10	0	0.0%	0	33	0.1%	171
Kewaunee	26	0.1%	126	2	0.0%	10	0	0.0%	0	28	0.1%	135
Manitowoc	161	0.7%	198	17	0.2%	21	4	0.3%	5	182	0.6%	224
Marinette	59	0.3%	140	4	0.1%	9	4	0.3%	9	67	0.2%	159
Marquette	15	0.1%	95	1	0.0%	6	0	0.0%	0	16	0.1%	101
Menominee	29	0.1%	686	7	0.1%	166	0	0.0%	0	36	0.1%	852
Oconto	63	0.3%	158	3	0.0%	8	1	0.1%	3	67	0.2%	168
Outagamie	512	2.2%	265	70	1.0%	36	18	1.3%	9	600	1.9%	311
Shawano	85	0.4%	207	7	0.1%	17	4	0.3%	10	96	0.3%	234
Sheboygan	296	1.3%	251	48	0.7%	41	8	0.6%	7	352	1.1%	299
Waupaca	79	0.3%	154	5	0.1%	10	1	0.1%	2	85	0.3%	165
Waushara	17	0.1%	68	5	0.1%	20	3	0.2%	12	25	0.1%	100
Winnebago	599	2.6%	349	99	1.4%	58	29	2.0%	17	727	2.3%	423
Region total	3,479	14.9%	271	587	8.6%	46	119	8.4%	9	4185	13.3%	326

*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, 2024

Reported Cases and Rates (per 100,000 people) by Region and County

Northern	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Ashland	28	0.1%	174	0	0.0%	0	1	0.1%	6	29	0.1%	180
Bayfield	12	0.1%	72	0	0.0%	0	0	0.0%	0	12	0.0%	72
Florence	3	0.0%	64	0	0.0%	0	0	0.0%	0	3	0.0%	64
Forest	12	0.1%	129	0	0.0%	0	1	0.1%	11	13	0.0%	139
Iron	4	0.0%	64	3	0.0%	48	0	0.0%	0	7	0.0%	112
Langlade	32	0.1%	165	1	0.0%	5	1	0.1%	5	34	0.1%	175
Lincoln	50	0.2%	176	11	0.2%	39	0	0.0%	0	61	0.2%	215
Marathon	308	1.3%	222	41	0.6%	30	9	0.6%	6	358	1.1%	258
Oneida	52	0.2%	136	4	0.1%	10	0	0.0%	0	56	0.2%	146
Portage	167	0.7%	235	15	0.2%	21	2	0.1%	3	184	0.6%	259
Price	9	0.0%	64	1	0.0%	7	0	0.0%	0	10	0.0%	71
Sawyer	39	0.2%	210	3	0.0%	16	3	0.2%	16	45	0.1%	243
Taylor	35	0.2%	174	1	0.0%	5	0	0.0%	0	36	0.1%	179
Vilas	25	0.1%	105	3	0.0%	13	0	0.0%	0	28	0.1%	117
Wood	183	0.8%	248	11	0.2%	15	7	0.5%	9	201	0.6%	272
Region total	959	4.1%	1,297	94	1.4%	209	24	1.7%	57	1,077	3.4%	1,457

*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, 2024

Reported Cases and Rates (per 100,000 people) by Region and County

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Southeastern												
Kenosha	690	3.0%	412	171	2.5%	102	34	2.4%	20	895	2.8%	534
Milwaukee	10023	43.0%	1,094	4333	63.2%	473	760	53.7%	83	15,116	47.9%	1,650
Ozaukee	91	0.4%	97	26	0.4%	28	4	0.3%	4	121	0.4%	129
Racine	1111	4.8%	565	382	5.6%	194	74	5.2%	38	1,567	5.0%	797
Walworth	227	1.0%	215	19	0.3%	18	5	0.4%	5	251	0.8%	237
Washington	197	0.8%	143	31	0.5%	22	16	1.1%	12	244	0.8%	177
Waukesha	697	3.0%	169	128	1.9%	31	42	3.0%	10	867	2.7%	210
Region total	13,036	55.9%	642	5,090	74.3%	251	935	66.0%	46	19,061	60.4%	939
Southern												
Adams	24	0.1%	112	4	0.1%	*	1	0.1%	*	29	0.1%	135
Columbia	108	0.5%	186	11	0.2%	19	2	0.1%	*	121	0.4%	208
Crawford	21	0.1%	132	2	0.0%	*	2	0.1%	*	25	0.1%	157
Dane	2274	9.8%	395	541	7.9%	94	143	10.1%	25	2,958	9.4%	514
Dodge	149	0.6%	169	21	0.3%	24	21	1.5%	24	191	0.6%	216
Grant	89	0.4%	173	15	0.2%	29	3	0.2%	*	107	0.3%	208
Green	70	0.3%	189	7	0.1%	19	0	0.0%	0	77	0.2%	208
Iowa	35	0.2%	146	0	0.0%	0	1	0.1%	*	36	0.1%	150
Jefferson	147	0.6%	171	16	0.2%	19	4	0.3%	*	167	0.5%	195
Juneau	47	0.2%	177	6	0.1%	23	0	0.0%	0	53	0.2%	199
Lafayette	26	0.1%	153	1	0.0%	*	0	0.0%	0	27	0.1%	159
Richland	20	0.1%	116	1	0.0%	*	0	0.0%	0	21	0.1%	122
Rock	602	2.6%	366	168	2.5%	102	27	1.9%	16	797	2.5%	485
Sauk	211	0.9%	320	18	0.3%	27	11	0.8%	17	240	0.8%	364
Vernon	38	0.2%	122	5	0.1%	16	0	0.0%	0	43	0.1%	138
Region total	3,861	16.6%	302	816	11.9%	64	215	15.2%	82	4,892	15.5%	3,460

*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, 2024

Reported Cases and Rates (per 100,000 people) by Region and County

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Western												
Barron	79	0.3%	169	11	0.2%	23	2	0.1%	*	92	0.3%	196
Buffalo	13	0.1%	97	3	0.0%	*	2	0.1%	*	18	0.1%	134
Burnett	9	0.0%	53	2	0.0%	*	3	0.2%	*	14	0.0%	82
Chippewa	109	0.5%	163	13	0.2%	19	5	0.4%	7	127	0.4%	190
Clark	78	0.3%	224	3	0.0%	*	0	0.0%	0	81	0.3%	233
Douglas	107	0.5%	242	13	0.2%	29	11	0.8%	25	131	0.4%	296
Dunn	112	0.5%	245	25	0.4%	55	5	0.4%	11	142	0.4%	310
Eau Claire	356	1.5%	330	47	0.7%	44	8	0.6%	7	411	1.3%	381
Jackson	27	0.1%	129	4	0.1%	*	2	0.1%	*	33	0.1%	158
La Crosse	382	1.6%	317	53	0.8%	44	13	0.9%	11	448	1.4%	372
Monroe	105	0.5%	228	9	0.1%	20	3	0.2%	*	117	0.4%	254
Pepin	8	0.0%	108	0	0.0%	0	0	0.0%	0	8	0.0%	108
Pierce	91	0.4%	212	10	0.1%	23	1	0.1%	*	102	0.3%	237
Polk	67	0.3%	146	8	0.1%	17	2	0.1%	*	77	0.2%	168
Rusk	35	0.2%	247	1	0.0%	*	2	0.1%	*	38	0.1%	269
St. Croix	128	0.5%	132	28	0.4%	29	5	0.4%	5	161	0.5%	166
Trempealeau	75	0.3%	243	8	0.1%	26	3	0.2%	*	86	0.3%	278
Washburn	16	0.1%	95	4	0.1%	*	2	0.1%	*	22	0.1%	130
Region total	1,797	7.7%	219	242	3.5%	30	69	4.9%	8	2,108	6.7%	257
All regions	23,132	99.2%	391	6,829	99.7%	116	1,362	96.2%	23	31,323	99.2%	530
Institutions	176	0.8%	-	23	0.3%	-	54	3.8%	-	253	0.8%	-
State total	23,308	100%	-	6,852	100%	-	1,416	100%	-	31,576	100%	-

* Cases per 100,000 population.

*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 instructions with unspecified geographic area.

Wisconsin Syphilis Surveillance Report - Reported Cases and Rates (per 100,000 people) by Stage of Infection, Gender, Race, Ethnicity, and Age – 2024

	Primary			Secondary			Early Latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	118	100.0%	2	178	100%	3	258	100%	4	554	100%	9
Gender												
Male	93	78.8%	3	111	62%	4	168	65%	6	372	67%	13
Female	25	21.2%	1	64	36%	2	78	30%	3	167	30%	6
Transgender Female	0	0.0%	-	3	2%	-	12	5%	-	15	3%	-
Transgender Male	0	0.0%	-	0	0%	-	0	0%	-	0	0%	-
Race/Ethnicity												
White	32	27.1%	1	60	34%	1	69	27%	1	161	29%	3
Black	66	55.9%	18	90	51%	24	128	50%	35	284	51%	77
Native American	0	0.0%	0	2	1%	4	1	0%	2	3	1%	6
Asian/NHOPI	2	1.7%	*	3	2%	2	5	2%	3	10	2%	5
Two or more races	2	1.7%	*	1	1%	1	2	1%	2	5	1%	4
Hispanic	15	12.7%	3	17	10%	4	46	18%	10	78	14%	16
Other/Unknown	1	0.8%	-	5	3%	-	7	3%	-	13	2%	-
Age												
0-4	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
10-14	1	0.8%	*	0	0%	0	0	0%	0	1	0%	0
15-19	5	4.2%	*	6	3%	2	6	2%	2	17	3%	4
20-24	25	21.2%	6	35	20%	9	44	17%	11	104	19%	26
25-29	27	22.9%	7	37	21%	10	38	15%	10	102	18%	28
30-34	19	16.1%	5	30	17%	8	47	18%	13	96	17%	26
35-39	15	12.7%	4	18	10%	5	31	12%	8	64	12%	17
40-44	8	6.8%	2^	13	7%	3	25	10%	7	46	8%	12
45-49	7	5.9%	2^	12	7%	4	19	7%	6	38	7%	11
50+	11	9.3%	0^	27	15%	1	48	19%	2	86	16%	4
Region of residence												
Northeastern	7	5.9%	1^	14	8%	1	9	3%	1	30	5%	2
Northern	3	2.5%	*	3	2%	1	2	1%	0	8	1%	2
Southeastern	84	71.2%	4	133	75%	6	201	78%	9	419	76%	20
Southern	14	11.9%	1	21	12%	2	36	14%	3	70	13%	6
Western	10	8.5%	1^	7	4%	1	9	3%	1	26	5%	3
Institutions*	0	0%	-	0	0%		1	0%		1	0%	
Total	118	100%	2	178	100%	3	258	100%	3	554	100%	9

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

Wisconsin Syphilis Surveillance Report - Reported Cases and Rates (per 100,000 people) by Stage of Infection, Gender, Race, Ethnicity, and Age – 2024

	Early Total			Late Latent			Congenital			All stages		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	554	100%	9	831	100%	14.1	31	100%	1	1,416	100%	24
Gender												
Male	372	67%	13	480	57.8%	16	17	55%	1	869	61%	29
Female	167	30%	6	341	41.0%	12	14	45%	0	522	37%	18
Transgender Female	15	3%	-	8	1.0%		0	0%		23	2%	
Transgender Male	0	0%	-	1	0.1%		0	0%		1	0%	
Unknown				1	0.1%		0	0%		1	0%	
Race/Ethnicity	161	29%	3									
White	284	51%	77	208	25.0%	4	6	19%	0.1	375	26%	8
Black	3	1%	6	378	45.5%	102	18	58%	5	681	48%	184
Native American	10	2%	5	22	2.6%	42	1	3%	2	26	2%	50
Asian/NHOPI	5	1%	4	13	1.6%	7	0	0%	0	23	2%	12
Two or More races	78	14%	16	10	1.2%	9	0	0%	0	15	1%	13
Hispanic	13	2%	-	183	22.0%	38	6	19%	1	267	19%	56
Other/Unknown				17	2.0%		0			29	2%	
Age	0	0%	0									
0-4	0	0%	0	1	0.1%	0	31	100.0%	10	32	2.3%	10
5-9	1	0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	17	3%	4	0	0.0%	0	0	0.0%	0	1	0.1%	0
15-19	104	19%	26	31	3.7%	8	0	0.0%	0	48	3.4%	12
20-24	102	18%	28	98	11.8%	25	0	0.0%	0	202	14.3%	51
25-29	96	17%	26	142	17.1%	39	0	0.0%	0	244	17.2%	67
30-34	64	12%	17	156	18.8%	42	0	0.0%	0	252	17.8%	68
35-39	46	8%	12	114	13.7%	31	0	0.0%	0	178	12.6%	48
40-44	38	7%	11	72	8.7%	19	0	0.0%	0	118	8.3%	31
45-49	86	16%	4	59	7.1%	18	0	0.0%	0	97	6.9%	29
50+				158	19.0%	7	0	0.0%	0	244	17.2%	11
Region of residence												
Northeastern	8	1%	2	88	10.6%	7	1	3.2%	0	119	8.4%	9
Northern	419	76%	20	15	1.8%	3	1	3.2%	0	24	1.7%	5
Southeastern	70	13%	6	488	58.7%	23	28	90.3%	1	935	66.0%	44
Southern	26	5%	3	145	17.4%	12	0	0.0%	0	215	15.2%	18
Western	1	0%	-	42	5.1%	5	1	3.2%	0	69	4.9%	8
Institutions***	554	100%	9	53	6.4%	-	0	0.0%	-	54	3.8%	-

*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:

[Wisconsin STI Unit](#)

201 E. Washington Ave.

PO Box 2659

Madison, WI 53703

Telephone: 608-266-7365