

Sexually Transmitted Infections in Wisconsin, 2023

Reported Cases



Wisconsin Sexually Transmitted Infections (STI)

Surveillance Report, 2023

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 who 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 WI 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.

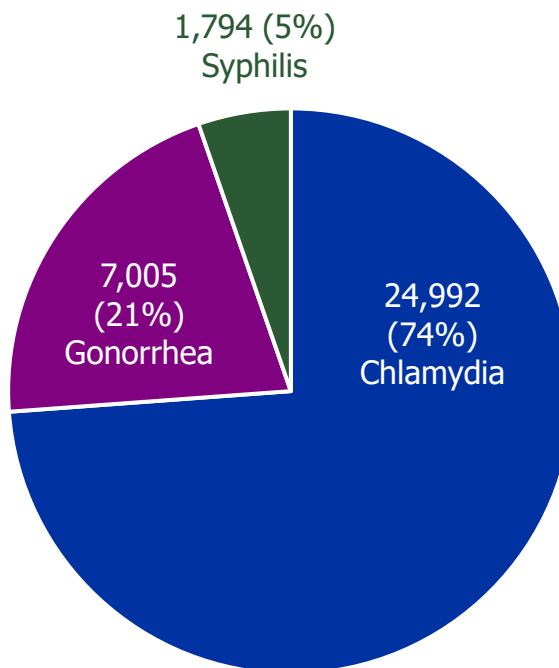
Overview

In 2023, a total of 33,791 cases of syphilis, gonorrhea, and chlamydia were reported in Wisconsin, which is a 6.9% decrease compared to the 36,299 STI cases reported in 2022. 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 2023, chlamydia accounted for 74% of the total reported STI cases followed by gonorrhea for 21% and syphilis for 5%.

Total number of reported STI cases, Wisconsin 2023



Key takeaways from 2023 data:



People

- Sexually transmitted infections (STIs) are widespread, impacting people of all races, ethnicities, genders, and ages.
- People aged 20–29 have the highest rate of chlamydia and gonorrhea compared to all other age groups. Unlike gonorrhea and chlamydia, people aged 40–49 have the highest rate of syphilis compared to other age groups.
- Black people are still disproportionately affected by STIs rates. In 2023, the rate of primary and secondary syphilis and gonorrhea have declined among Black people, but the rate of chlamydia increased slightly.
- The rate of all three STIs have declined in 2023 compared to 2022, 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 2023. However, the rate of syphilis in Southeastern region has declined in 2023 from 2022.
- The reported number of chlamydia cases decreased in 43 of the 72 Wisconsin counties. Gonorrhea cases decreased in 48 counties and syphilis cases decreased in 24 counties.



Time

- The reported number of STIs dropped 6.9% from 2022 to 2023. Chlamydia and gonorrhea cases have decreased for the second consecutive year in a row.
- Syphilis cases dropped for the first time in last five years.
- Among the three STIs reported in 2023, gonorrhea had the largest decrease (-20%) followed by syphilis at (-6.4%) and chlamydia at (-2.6%).

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 2023, a total of 24,992 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 3% from 25,647 cases in 2022 to 24,992 cases in 2023.

The rate of chlamydia in 2023 (424 per 100,000) was 3.4% lower than the rate in 2022 (439 per 100,000). The rate of chlamydia decreased among both men (577 to 556 per 100,000) and women (298 to 291 per 100,000) in 2023.

Figure 2.

The reported number of chlamydia cases decreased for the second consecutive year, indicating sustained downward trend in prevalence over this period.

Reported cases of chlamydia infection in Wisconsin, 2019–2023.

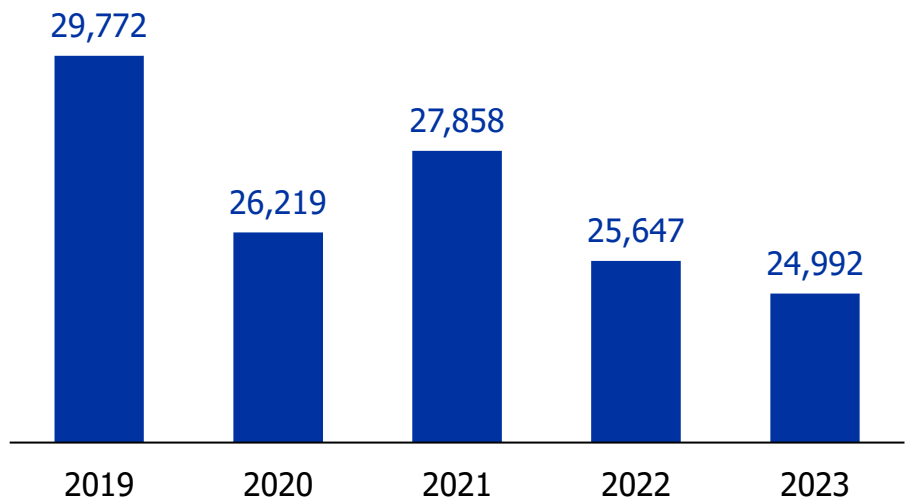
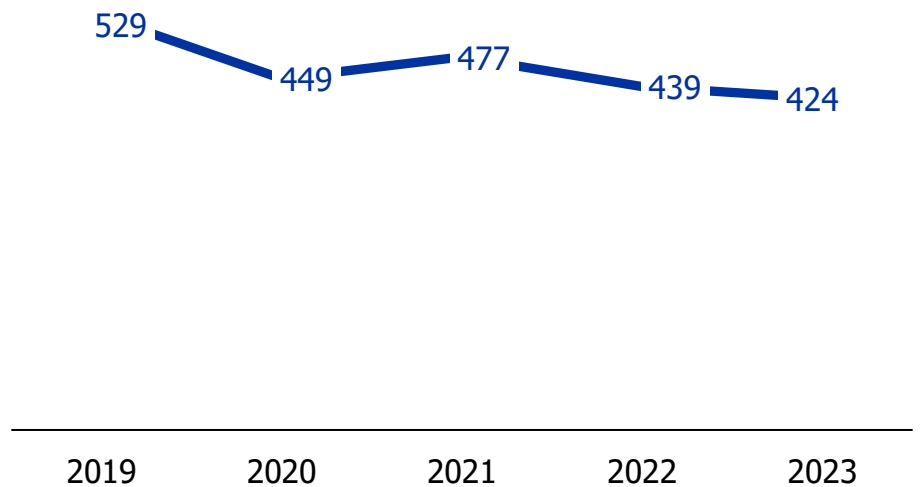


Figure 3.

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

Rate (per 100,000 people) of reported cases of chlamydia infection in Wisconsin, 2019–2023.



Demographics

Figure 4.

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, 2019–2023.

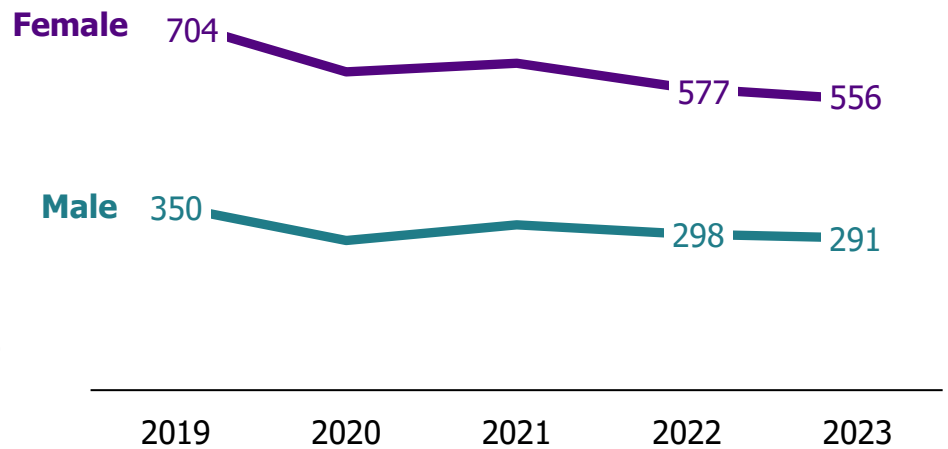


Figure 5.

In 2023, the rate of chlamydia decreased across all age groups, with the most significant decline observed among people aged 20–24.

Rates of chlamydia diagnoses per 100,000 people by age group, 2019–2023.

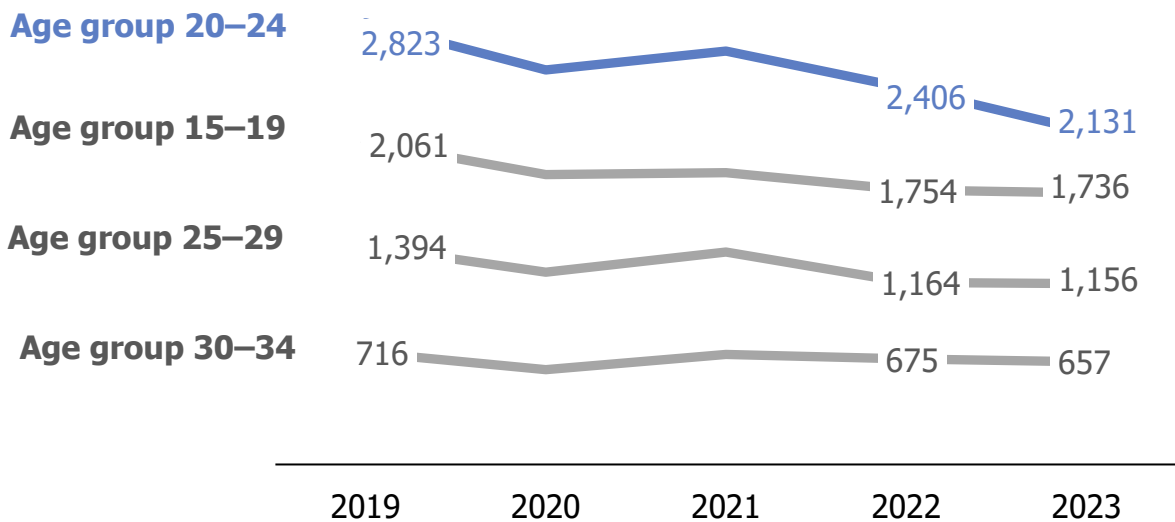


Figure 6.

In 2023, females ages 25–29 had a 4.1 times higher chlamydia rate than males in the same age group.

Rates of chlamydia diagnoses per 100,000 people by sex and age groups 2019–2023.

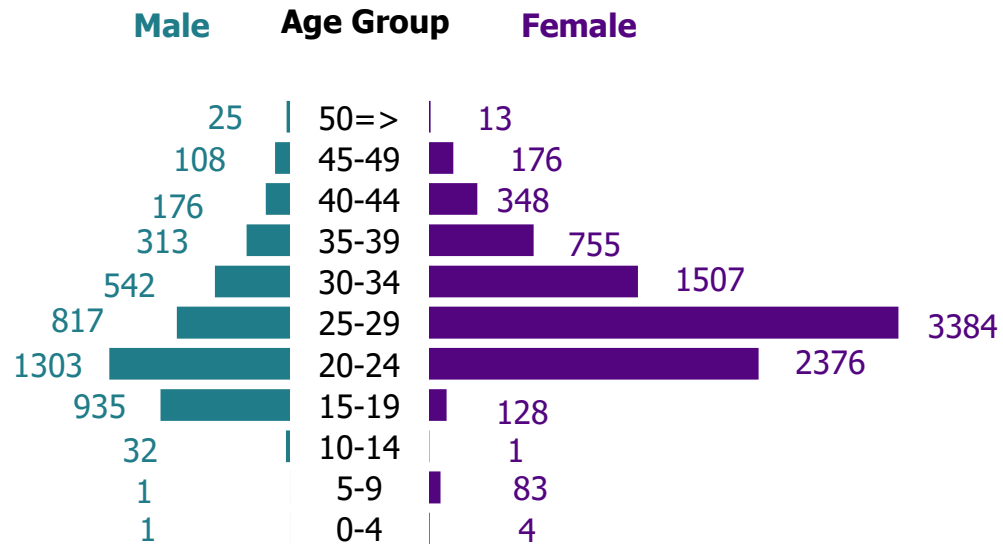
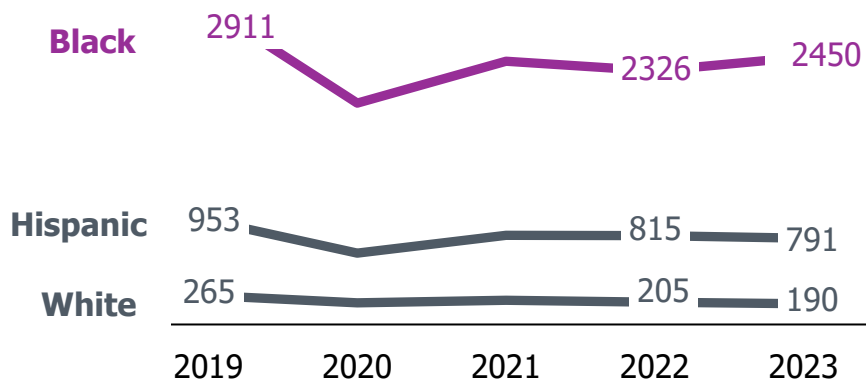


Figure 7.

Black people continue to be disproportionately affected by chlamydia. The rate of chlamydia infections increased among Black people from 2022 to 2023 while decreasing among white people and Hispanic people.

Rates of chlamydia diagnoses per 100,000 people by race/ethnicity, 2019–2023.



*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 2023, a total of 7,005 cases of gonorrhea were reported, making it the second most common reported STI in Wisconsin. Gonorrhea accounted for 21% of STI cases reported in 2023. The reported number of gonorrhea cases decreased by 20% in 2023 from 8,736 cases in 2022. The rate of gonorrhea decreased 20% from 150 cases per 100,00 in 2022 to 120 cases per 100,000 in 2023. The rate of gonorrhea decreased among both men (157 to 128 per 100,000) and women (142 to 108 per 100,000) in 2023. The gonorrhea rate increased 14% among people aged 10–14 and decreased among all other age groups.

Figure 8.

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

Reported cases of gonorrhea infection in Wisconsin, 2019–2023.

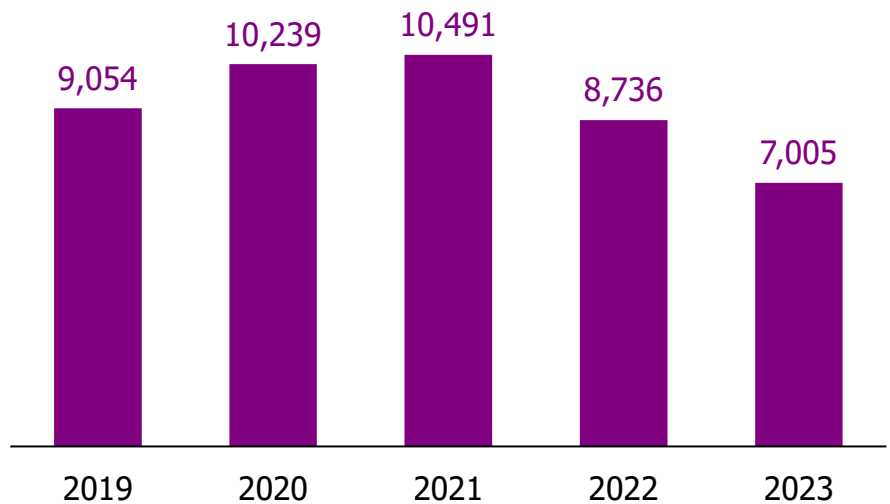
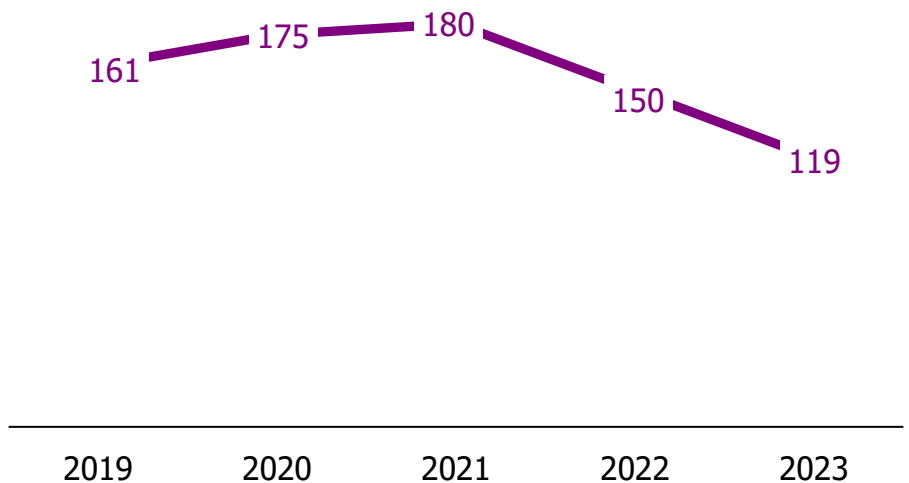


Figure 9.

The rate of gonorrhea decreased by 20% from 2022 to 2023. The rate decreased for the second consecutive year.

Rate of gonorrhea cases per 100,000 people in Wisconsin, 2019–2023.



Demographics

Figure 10.

The gonorrhea rate for both males and females has been decreasing since 2021, indicating a sustained downward trend.

Rates of gonorrhea diagnoses per 100,000 people by sex, 2019–2023.

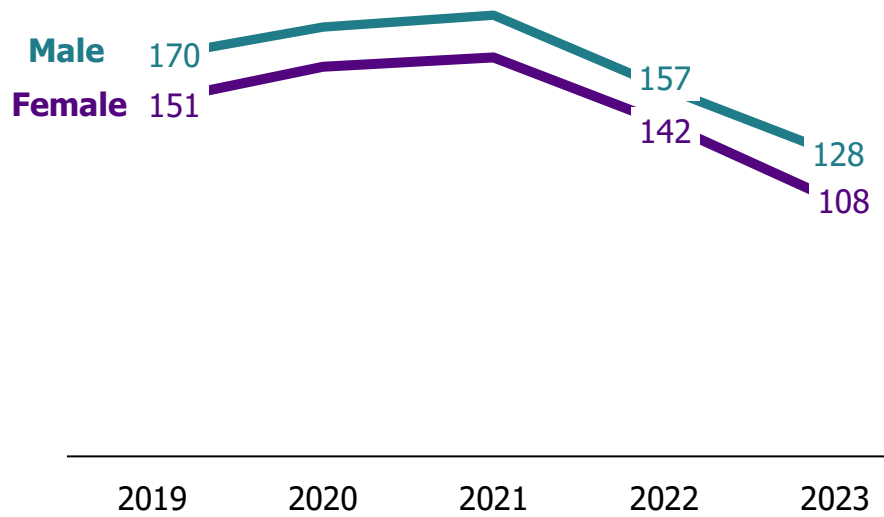


Figure 11.

During 2019–2022, gonorrhea rates were highest among people ages 20–24 but a significant decline was observed in this group in 2023.

Rates of gonorrhea diagnoses per 100,000 people by age group 2019–2023.

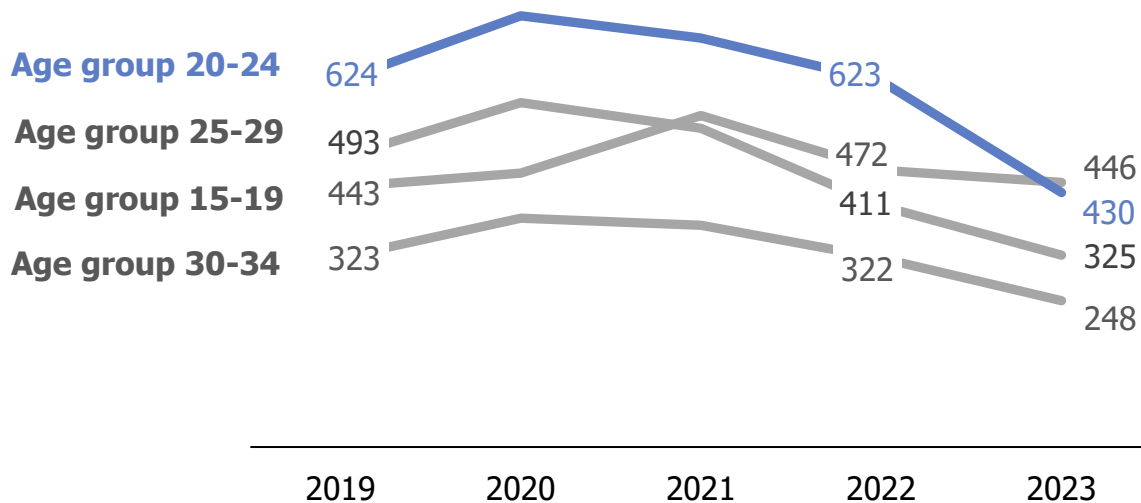


Figure 12.

In 2023, males and females from younger age groups had higher rates of gonorrhea compared to older age groups. In people aged 50 years and older, the gonorrhea rate was 4.6 times higher among males than females.
 Rates of gonorrhea diagnoses per 100,000 people by sex and age groups 2019–2023.

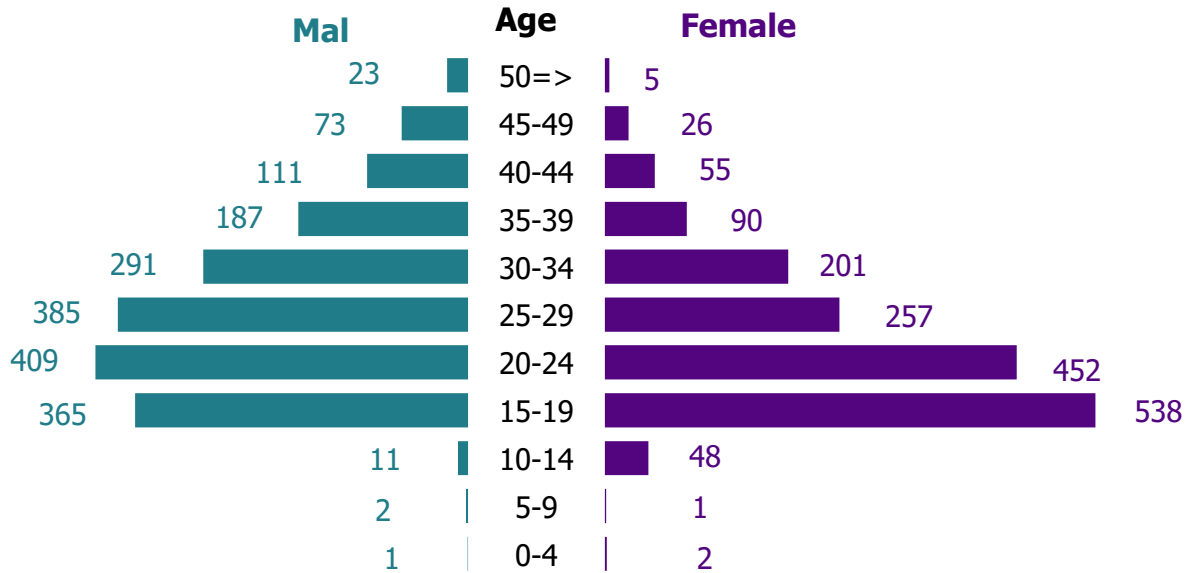
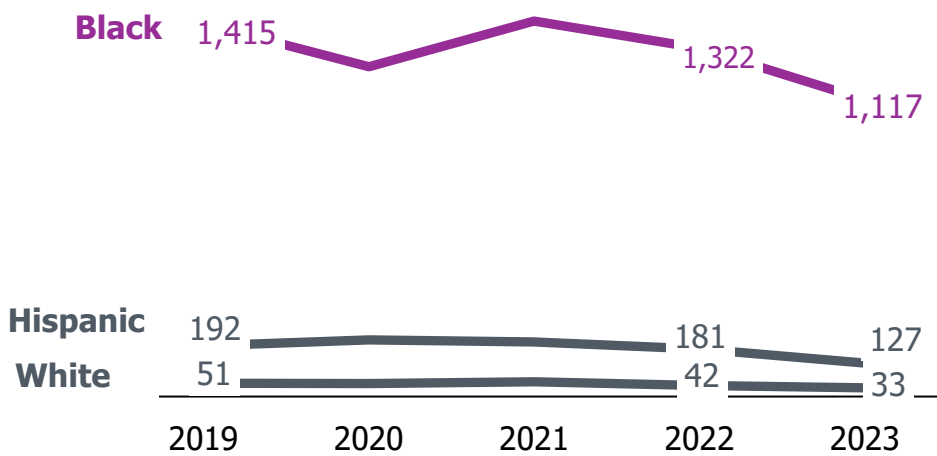


Figure 13.

Gonorrhea rates have been declining across all races and ethnicities since 2019; however, Black people are still disproportionately impacted by gonorrhea.

Rates of gonorrhea diagnoses per 100,000 people by race/ethnicity, 2019–2023.



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

Syphilis

In 2023, a total of 1,794 cases of syphilis (all stages including congenital) were reported reflecting a 6.4% decrease compared to the 1,916 cases reported in 2022. Syphilis cases accounted for 5% of the STI cases reported in Wisconsin in 2023. In 2023, there were 537 reported cases of primary and secondary (P&S) syphilis which was a 27.5% decrease compared to the 741 cases reported in 2022. The rate of syphilis in 2023 was 8.6% lower than the rate in 2022 (33 per 100,000 in 2022 to 30 per 100,000 in 2023).

Figure 14.

In 2023, nearly 50% of the reported syphilis cases (all stages) were in the late latent stage of infection when diagnosed.

Stages of syphilis infections reported in 2023.

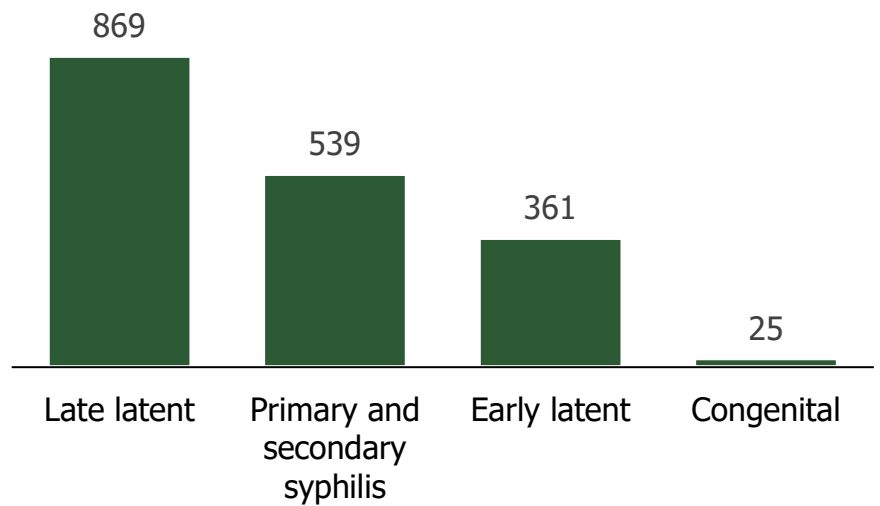


Figure 15.

Syphilis cases increased 206.7% from 2019 to 2022, but cases declined 6.4% in 2023.

Trend of reported cases of syphilis (all stages including congenital), 2019–2023

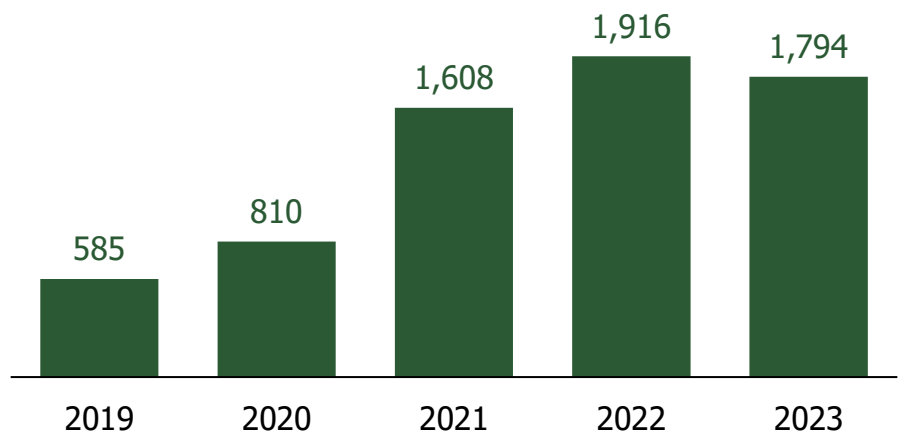


Figure 16.

The rate of syphilis cases increased until 2022 but decreased by 9.1% in 2023 making the first decrease in past five years.

Rate of syphilis infection per 100,000 in Wisconsin, 2019–2023.

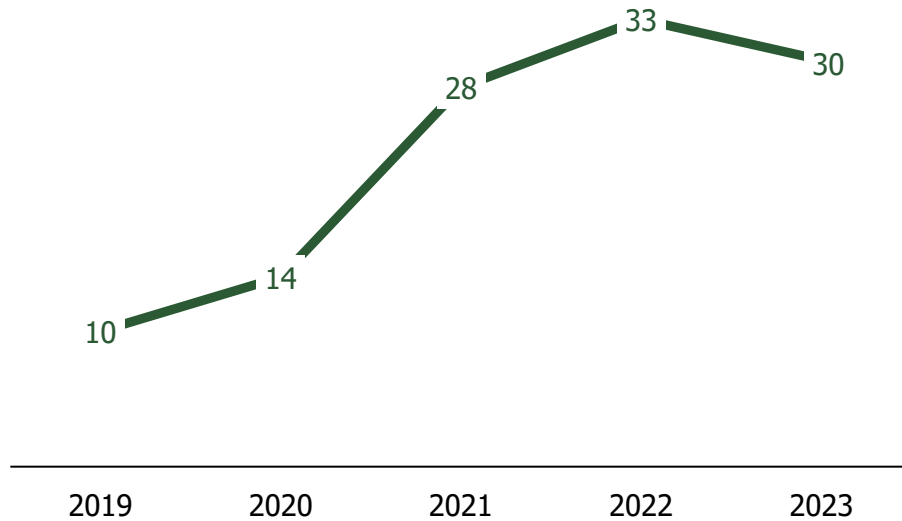
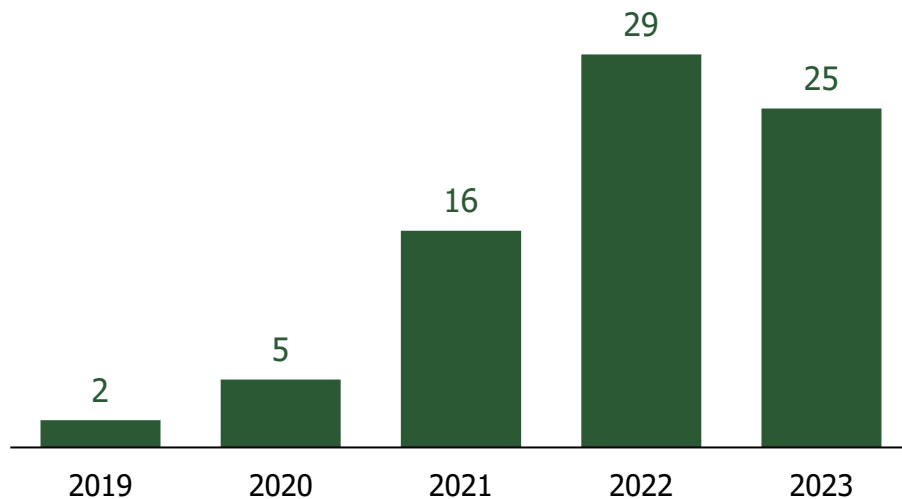


Figure 17.

Congenital syphilis cases continued to increase until 2022 then decreased 13.8% in 2023. Despite the decrease from 2022, this still represents a 1150% increase from 2019.

Trend of congenital syphilis infections in Wisconsin, 2019–2023.



Demographics

Figure 18.

The syphilis rate was 3.5 times higher among males than females in 2023. The rate decreased by 43% among females from 2022 to 2023.

Rates of primary and secondary syphilis diagnoses per 100,000 people by sex, 2019–2023.

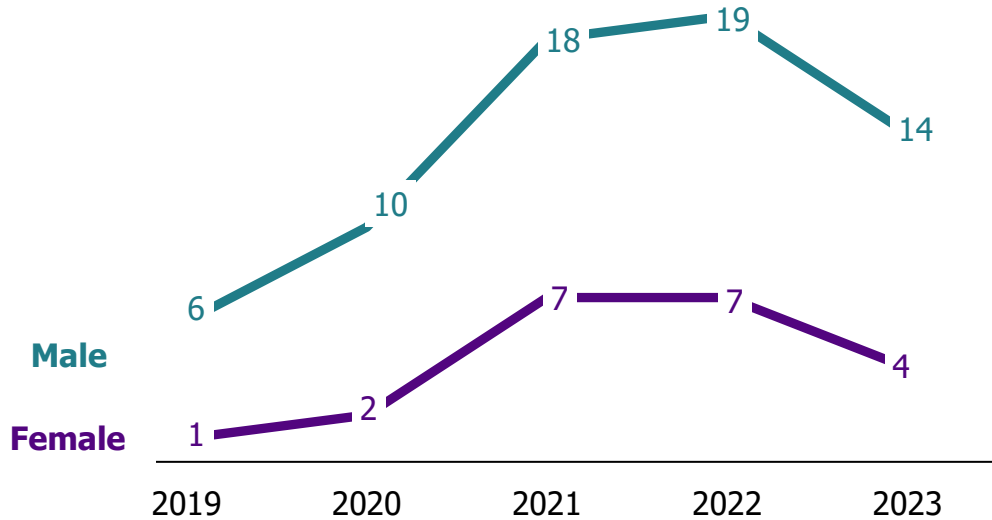


Figure 19.

People ages 20–29 and 30–39 continue to have the highest rate of primary and secondary syphilis.

Rates of primary and secondary syphilis diagnoses per 100,000 people by age group, 2019–2023.

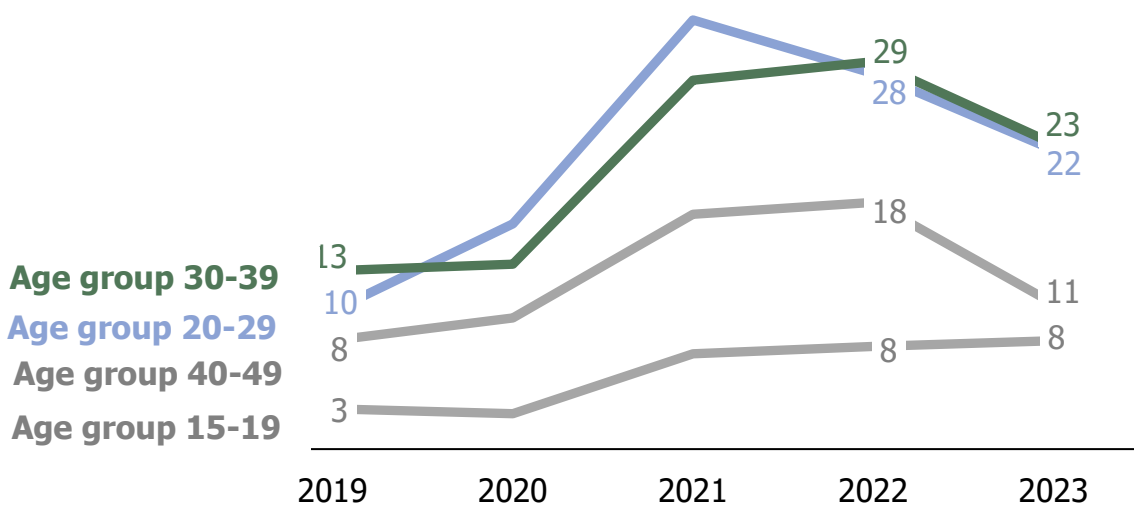


Figure 20.

The rate of primary and secondary syphilis among people aged 40–49 decreased by 39% from 2022 to 2023.

Rates of primary and secondary syphilis diagnoses per 100,000 people by age group, 2019–2023.

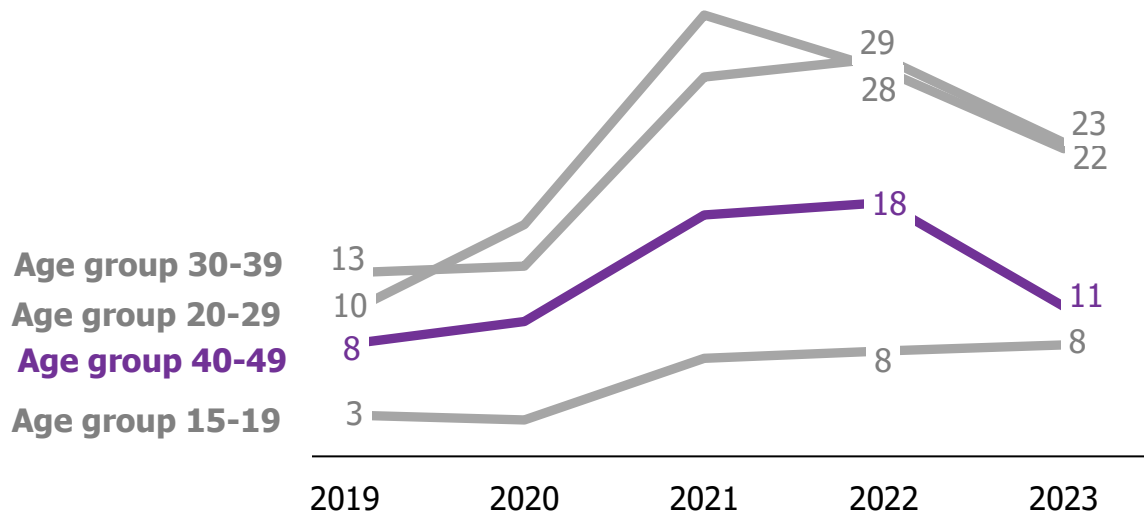
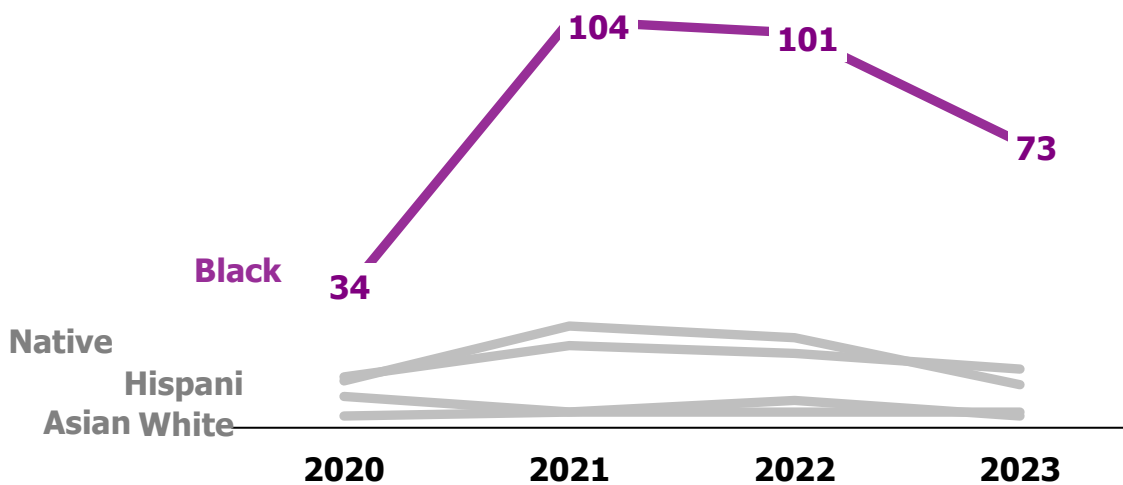


Figure 21.

Over the past five years the rate of primary and secondary syphilis was higher among Black people, but it decreased by 28% among this demographic in 2023.

Rate of syphilis diagnoses per 100,000 people by race, Wisconsin: 2019–2023



*Rates were not available for race and ethnicity separately before 2020 so this figure covers data for only the four years from 2020-2023.

Wisconsin Sexually Transmitted Infection (STI) Surveillance Report, 2023

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	24,992	100%	424	7,005	100%	119	1,794	100%	30	33,791	100%	573
Gender												
Male	8,588	34%	291	3,789	54.1%	128	1,175	65.5%	40	13,552	40.1%	459
Female	16,320	65%	556	3,168	45.2%	108	578	32.2%	20	20,066	59.3%	683
Transgender Female	11	0.0%	-	15	0.2%	-	39	2.2%	-	65	0.2%	-
Transgender Male	15	0.1%	-	11	0.2%	-	1	0.1%	-	27	0.1%	-
Unknown	58	0.2%	-	22	0.3%	-	1	0.1%	-	81	0.2%	-
Race/Ethnicity												
White	8,978	35.9%	190	1,545	22.1%	33	487	27.1%	10	11,010	32.6%	233
Black	9,055	36.2%	2,450	4,130	59.0%	1,117	846	47.2%	229	14,031	41.6%	3,796
Native American	336	1.3%	644	84	1.2%	161	36	2.0%	69	456	1.3%	874
Asian	353	1.4%	186	64	0.9%	34	37	2.1%	20	454	1.3%	240
Two or more races	46	0.2%	41	15	0.2%	13	13	0.7%	11	74	0.2%	65
Hispanic	3,545	14.2%	598	569	8.1%	127	308	17.2%	69	4,422	10.5%	987
Other/Unknown	2,679	10.7%	-	598	8.5%	-	67	3.7%	-	3,344	2.0%	-
Age												
0-4	10	0.0%	3^	4	0.1%	*	25	1.4%	8	39	0.1%	12
5-9	1	0.0%	*	6	0.1%	2^	0	0.0%	0	7	0.0%	2^
10-14	300	1.2%	83	105	1.5%	29	0	0.0%	0	405	1.2%	111
15-19	6,658	26.6%	1,736	1,711	24.4%	446	84	4.7%	22	8,453	25.0%	2,204
20-24	8,776	35.1%	2,131	1,770	25.3%	430	259	14.4%	63	10,805	32.0%	2,624
25-29	4,253	17.0%	1,156	1,195	17.0%	325	289	16.1%	79	5,737	17.0%	1,559
30-34	2,401	9.6%	657	908	13.0%	248	317	17.7%	87	3,626	10.7%	992
35-39	1,228	4.9%	329	518	7.4%	139	222	12.4%	60	1,968	5.8%	528
40-44	618	2.5%	167	311	4.4%	84	168	9.4%	45	1,097	3.2%	296
45-49	320	1.3%	97	165	2.4%	50	115	6.4%	35	600	1.8%	182
50+	427	1.7%	19	312	4.5%	14	315	17.6%	14	1,054	3.1%	46
Region of residence												
Northeastern	3,670	14.7%	287	553	7.9%	43	194	10.8%	15	4,417	13.1%	346
Northern	998	4.0%	200	122	1.7%	24	57	3.2%	11	1,177	3.5%	236
Southeastern	13,654	54.6%	646	5,010	71.5%	237	1,152	64.2%	54	19,816	58.7%	937
Southern	4,389	18%	370	1,048	15.0%	88	252	14.0%	21	5,689	16.8%	480
Western	2,125	8.5%	260	266	3.8%	33	86	4.8%	11	2,477	7.3%	303
Institutions**	156	0.6%	-	6	0.1%	-	53	3.0%	-	215	0.6%	-

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 Infection (STI) Surveillance Report, 2023

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	1,206	4.9%	447	206	2.9%	76	55	3.2%	20	1,467	4.4%	543
Calumet	115	0.5%	218	10	0.1%	19	6	0.3%	11 [^]	131	0.4%	248
Door	39	0.2%	128	2	0.0%	*	4	0.2%	*	45	0.1%	147
Fond du lac	306	1.2%	295	71	1.0%	68	19	1.1%	18	396	1.2%	381
Green Lake	37	0.1%	193	3	0.0%	*	1	0.1%	*	41	0.1%	213
Kewaunee	32	0.1%	155	1	0.0%	*	2	0.1%	*	35	0.1%	170
Manitowoc	157	0.6%	193	8	0.1%	10 [^]	16	0.9%	20	181	0.5%	223
Marinette	81	0.3%	193	6	0.1%	14 [^]	1	0.1%	*	88	0.3%	210
Marquette	28	0.1%	177	5	0.1%	*	0	0.0%	0	33	0.1%	209
Menominee	25	0.1%	596	7	0.1%	167 [^]	2	0.1%	*	34	0.1%	810
Oconto	64	0.3%	161	6	0.1%	*	0	0.0%	0	70	0.2%	177
Outagamie	511	2.1%	266	97	1.4%	50	25	1.4%	13	633	1.9%	329
Shawano	92	0.4%	225	13	0.2%	32	1	0.1%	*	106	0.3%	259
Sheboygan	276	1.1%	234	33	0.5%	28	19	1.1%	16	328	1.0%	278
Waupaca	68	0.3%	132	12	0.2%	23 [^]	3	0.2%	*	83	0.2%	161
Waushara	30	0.1%	120	0	0.0%	0	2	0.1%	*	32	0.1%	128
Winnebago	603	2.4%	353	73	1.0%	43	38	2.2%	22	714	2.1%	418
Region total	3,670	14.8%	287	553	7.8%	43	194	11.1%	15	4,421	13.2%	346

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

Wisconsin Sexually Transmitted Infection (STI) Surveillance Report, 2023
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	14	0.1%	87	1	0.0%	*	5	0.3%	*	20	0.1%	125
Bayfield	23	0.1%	138	0	0.0%	0	5	0.3%	*	28	0.1%	169
Florence	7	0.0%	149^	0	0.0%	0	0	0.0%	*	7	0.0%	149^
Forest	18	0.1%	192	2	0.0%	*	3	0.2%	*	23	0.1%	245
Iron	7	0.0%	112^	1	0.0%	*	1	0.1%	*	9	0.0%	145^
Langlade	23	0.1%	118	4	0.1%	*	0	0.0%	0	27	0.1%	138
Lincoln	64	0.3%	226	5	0.1%	*	1	0.1%	*	70	0.2%	247
Marathon	353	1.4%	256	49	0.7%	36	10	0.6%	7^	412	1.2%	299
Oneida	34	0.1%	89	1	0.0%	*	2	0.1%	*	37	0.1%	97
Portage	181	0.7%	256	24	0.3%	34	4	0.2%	*	209	0.6%	296
Price	13	0.1%	92	2	0.0%	*	0	0.0%	*	15	0.0%	106
Sawyer	33	0.1%	178	1	0.0%	*	5	0.3%	*	39	0.1%	210
Taylor	30	0.1%	150	4	0.1%	*	1	0.1%	*	35	0.1%	175
Vilas	21	0.1%	88	0	0.0%	0	1	0.1%	*	22	0.1%	93
Wood	177	0.7%	239	28	0.4%	38	19	1.1%	26	224	0.7%	303
Region total	998	4.0%	200	122	1.7%	24	57	3.3%	11	1,177	3.5%	236

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

Wisconsin Sexually Transmitted Infection (STI) Surveillance Report, 2023

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	736	3.0%	439	132	1.9%	79	28	1.6%	17	896	2.7%	534
Milwaukee	10,462	42.1%	1,139	4,326	61.8%	471	976	56.1%	106	15,764	47.0%	1,716
Ozaukee	127	0.5%	137	30	0.4%	32	5	0.3%	*	162	0.5%	174
Racine	1,092	4.4%	558	351	5.0%	179	82	4.7%	42	1,525	4.5%	779
Walworth	321	1.3%	305	29	0.4%	28	12	0.7%	11^	362	1.1%	344
Washington	201	0.8%	146	19	0.3%	14	10	0.6%	7^	230	0.7%	167
Waukesha	715	2.9%	174	123	1.8%	30	39	2.2%	10	877	2.6%	214
Region total	13,654	55.0%	673	5,010	71.6%	247	1,152	66.2%	57	19,816	59.0%	977
Southern												
Adams	27	0.1%	127	4	0.1%	*	6	0.3%	28^	37	0.1%	174
Columbia	136	0.5%	234	16	0.2%	27	4	0.2%	*	156	0.5%	268
Crawford	18	0.1%	112	1	0.0%	*	0	0.0%	0	19	0.1%	119
Dane	2,482	10.0%	437	678	9.7%	119	161	9.2%	28	3,321	9.9%	584
Dodge	158	0.6%	179	21	0.3%	24	14	0.8%	16	193	0.6%	219
Grant	119	0.5%	232	9	0.1%	18^	4	0.2%	*	132	0.4%	257
Green	92	0.4%	250	10	0.1%	27^	5	0.3%	*	107	0.3%	291
Iowa	54	0.2%	226	7	0.1%	29^	3	0.2%	*	64	0.2%	268
Jefferson	214	0.9%	249	19	0.3%	22	10	0.6%	12^	243	0.7%	283
Juneau	61	0.2%	227	11	0.2%	41	4	0.2%	*	76	0.2%	283
Lafayette	43	0.2%	255	1	0.0%	*	1	0.1%	*	45	0.1%	267
Richland	40	0.2%	234	7	0.1%	41^	0	0.0%	0	47	0.1%	275
Rock	681	2.7%	415	246	3.5%	150	29	1.7%	18	956	2.8%	583
Sauk	230	0.9%	350	17	0.2%	26	11	0.6%	17^	258	0.8%	392
Vernon	34	0.1%	109	1	0.0%	*	0	0.0%	0	35	0.1%	113
Region total	4,389	17.7%	345	1,048	14.9%	82	252	14.5%	20	5,689	16.9%	447

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

Wisconsin Sexually Transmitted Infection (STI) Surveillance Report, 2023

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	105	0.4%	224	14	0.2%	30	10	0.6%	21 [^]	129	0.4%	275	
Buffalo	17	0.1%	127	4	0.1%	*	2	0.1%	*	23	0.1%	172	
Burnett	11	0.0%	65 [^]	0	0.0%	0	5	0.3%	*	16	0.0%	94	
Chippewa	146	0.6%	219	16	0.2%	24	4	0.2%	*	166	0.5%	248	
Clark	62	0.2%	179	5	0.1%	*	4	0.2%	*	71	0.2%	205	
Douglas	108	0.4%	245	26	0.4%	59	12	0.7%	27 [^]	146	0.4%	331	
Dunn	121	0.5%	265	17	0.2%	37	6	0.3%	13 [^]	144	0.4%	315	
Eau Claire	379	1.5%	355	51	0.7%	48	15	0.9%	14	445	1.3%	417	
Jackson	31	0.1%	149	3	0.0%	*	1	0.1%	*	35	0.1%	168	
La Crosse	498	2.0%	414	60	0.9%	50	9	0.5%	7 [^]	567	1.7%	471	
Monroe	132	0.5%	286	7	0.1%	15 [^]	2	0.1%	*	141	0.4%	306	
Pepin	12	0.0%	162 [^]	1	0.0%	*	1	0.1%	*	14	0.0%	189	
Pierce	97	0.4%	228	11	0.2%	26 [^]	3	0.2%	*	111	0.3%	261	
Polk	77	0.3%	168	7	0.1%	15 [^]	5	0.3%	*	89	0.3%	195	
Rusk	22	0.1%	155	3	0.0%	*	0	0.0%	0	25	0.1%	176	
St. Croix	175	0.7%	182	33	0.5%	34	5	0.3%	*	213	0.6%	222	
Trempealeau	106	0.4%	343	6	0.1%	19 [^]	1	0.1%	*	113	0.3%	366	
Washburn	26	0.1%	154	2	0.0%	*	1	0.1%	*	29	0.1%	171	
Region total	2,125	8.6%	260	266	3.8%	33	86	4.9%	11	2,477	7.4%	303	
All regions	24,836	100.0%	421	6,999	100.0%	119	1,741	100.0%	30	33,576	100.0%	570	
Institutions	156	0.6%	-	6	0.1%	-	53	3.0%	-	215	0.6%	215	
State total	24,992	100.0%	424	7,005	100.0%	119	0	1,794	103.0%	30	33,791	101%	573

* 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 includes 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 – 2023

	Primary			Secondary			Early Latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	243	100.0%	4	296	100.0%	5	361	100.0%	6	900	100.0%	15
Gender												
Male	191	78.6%	6	210	70.9%	7	229	63.4%	8	630	70.0%	21
Female	49	20.2%	2	79	26.7%	3	118	32.7%	4	246	27.3%	8
Transgender Female	3	1.2%	-	7	2.4%	-	14	3.9%	-	24	2.7%	-
Transgender Male	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%	-
Race/Ethnicity												
White	59	24.3%	1	110	37.2%	2	94	26.0%	2	263	29.2%	6
Black	137	56.4%	37	134	45.3%	36	173	47.9%	47	444	49.3%	120
Native American	3	1.2%	*	3	1.0%	*	8	2.2%	15^	14	1.6%	27
Asian/NHOPI	2	0.8%	*	3	1.0%	*	8	2.2%	4^	13	1.4%	7
Two or more races	4	1.6%	*	5	1.7%	*	1	0.3%	*	10	1.1%	9^
Hispanic	30	12.3%	7	34	11.5%	8	66	18.3%	15	130	14.4%	29
Other/Unknown	8	3.3%	-	7	2.4%	-	11	3.0%	-	26	2.9%	-
Age												
0-4	0	0.0%	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	0.0%	0
10-14	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
15-19	15	6.2%	4	16	5.4%	4	18	5.0%	5	49	5.4%	13
20-24	47	19.3%	11	41	13.9%	10	65	18.0%	16	153	17.0%	37
25-29	40	16.5%	11	46	15.5%	13	66	18.3%	18	152	16.9%	41
30-34	44	18.1%	12	53	18.2%	15	72	19.9%	20	170	18.9%	46
35-39	27	11.1%	7	43	14.5%	12	43	11.9%	12	113	12.6%	30
40-44	19	7.8%	5	27	9.1%	7	33	9.1%	9	79	8.8%	21
45-49	14	5.8%	4	16	5.4%	5	21	5.8%	6	51	5.7%	15
50+	37	15.2%	2	53	17.9%	2	43	11.9%	2	133	14.8%	6
Region of residence												
Northeastern	35	14.4%	3	24	8.1%	2	31	8.6%	2	90	10.0%	7
Northern	3	1.2%	*	9	3.0%	2^	8	2.2%	2^	20	2.2%	4
Southeastern	166	68.3%	8	210	70.9%	10	239	66.2%	11	615	68.3%	29
Southern	31	12.8%	3	33	11.1%	3	58	16.1%	5	122	13.6%	10
Western	8	3.3%	1^	18	6.1%	2	24	6.6%	3	50	5.6%	6
Institutions***	0	0.0%	-	2	1.0%	-	1	0.3%	-	3	0.3%	-

*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 – 2023

	Early Total			Late Latent			Congenital			All stages		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	900	100.0%	15	869	100.0%	14	25	100.0%	0	1,794	100.0%	30
Gender												
Male	630	70.1%	21	491	60.0%	17	12	48.0%	0.4^	1,175	65%	40
Female	246	27.2%	8	311	38.0%	11	13	52.0%	0.4	578	32%	20
Transgender Female	24	2.7%	-	15	1.8%	-	0	0.0%	-	39	2%	-
Transgender Male	0	0.0%	-	1	0.1%	-	0	0.0%	-	1	0%	-
Unknown	0	-	-	1	0.1%	-	0	-	-	1	0%	-
Race/Ethnicity												
White	263	29.1%	6	219	25.2%	5	5	20.0%	*	487	27%	10
Black	444	49.4%	120	389	44.8%	105	13	52.0%	4	846	47%	229
Native American	14	1.6%	27	22	2.5%	42	0	0.0%	0	36	2%	69
Asian/NHOPI	13	Reg	7	24	2.8%	13	0	0.0%	0	37	2%	20
Two or More races	10	1.1%	9^	2	0.2%	2	1	4.0%	*	13	1%	11
Hispanic	130	14.5%	29	175	20.1%	39	3	12.0%	*	308	17%	69
Other/Unknown	26	2.9%	-	38	4.4%	-	3	12.0%	-	67	4%	-
Age												
0-4	0	0.0%	0	0	0.0%	0	25	100.0%	8	25	1.4%	8
5-9	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
10-14	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0
15-19	49	5.4%	13	35	4.0%	9	0	0.0%	0	84	4.7%	22
20-24	153	17.0%	37	106	12.2%	26	0	0.0%	0	259	14.4%	63
25-29	152	16.9%	41	137	15.8%	37	0	0.0%	0	289	16.1%	79
30-34	170	18.9%	46	147	16.9%	40	0	0.0%	0	317	17.7%	87
35-39	113	12.6%	30	109	12.5%	29	0	0.0%	0	222	12.4%	60
40-44	79	8.8%	21	89	10.2%	24	0	0.0%	0	168	9.4%	45
45-49	51	5.7%	15	64	7.4%	19	0	0.0%	0	115	6.4%	35
50+	133	14.8%	6	182	20.9%	8	0	0.0%	0	315	17.6%	14
Region of residence												
Northeastern	90	10.0%	7	103	11.9%	8	1	4.0%	*	194	10.8%	15
Northern	20	2.2%	4	37	4.3%	7	0	0.0%	0	57	3.2%	11
Southeastern	615	68.3%	29	514	59.1%	24	23	92.0%	1	1,152	64.2%	54
Southern	122	13.6%	10	129	14.8%	11	1	4.0%	*	252	14.0%	21
Western	50	5.6%	6	36	4.1%	4	0	0.0%	0	86	4.8%	11
Institutions***	3	0.3%	-	50	5.8%	-	0	0.0%	-	53	3.0%	-

*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 (2020). 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](#)

1 West Wilson Street

PO Box 2659

Madison, WI 53701-2659

Telephone: 608-266-8479