



Sexually Transmitted Infections in Wisconsin, 2022

Southeastern Region

Wisconsin Department of Health Services | Division of Public Health | STI Unit

P-00415A (07/2023)



Wisconsin Sexually Transmitted Infections (STI) Surveillance Report-2022, Southeastern Region

Overall, reported cases of sexually transmitted infection in the southeastern region **decreased by 5%** in 2022 (22,565 cases in 2021 to 21,396 cases in 2022). Reported cases of **gonorrhea decreased by 6%** in 2022 (6,744 cases in 2021 to 6,325 cases in 2022). Likewise, the reported cases of **chlamydia decreased by 6.5%** in the same period (14,670 cases in 2021 to 13,717 cases in 2022). In contrast, the reported cases of **syphilis increased by 18%** during this period.

Figure 1.

Syphilis in southeastern region continue to rise.

Trend of reported STI cases, southeastern region, 2018-2022

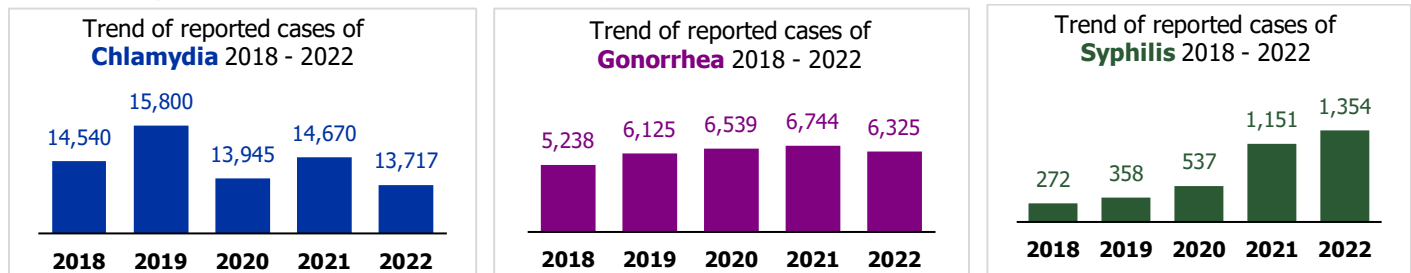
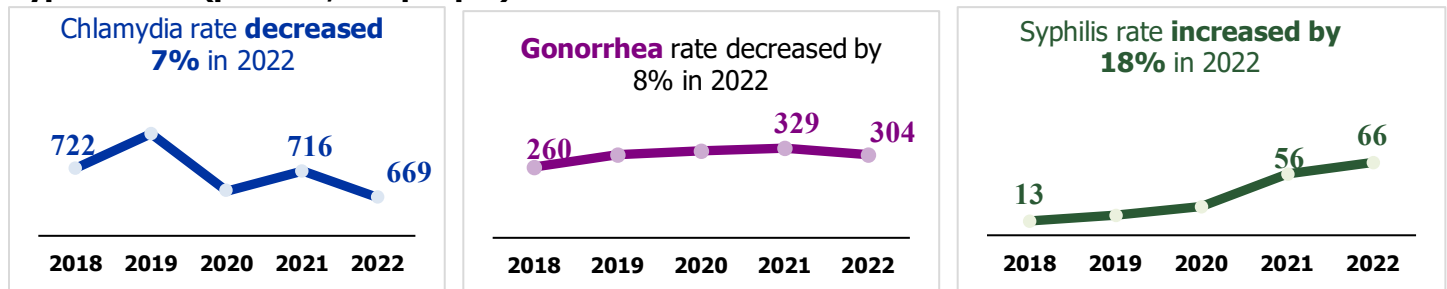


Figure 2.

Syphilis rate (per 100,000 people) increased 18% in 2022.



Key Points:



Sexually Transmitted Infections are widespread, impacting people of all races, ethnicities, gender, ages.



Syphilis rate of reported cases increased 18% in 2022, in contrast chlamydia and gonorrhea rate decreased in 2022.



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

Wisconsin Sexually Transmitted Infection (STI) Surveillance Report

Reported Cases and Rates per100,000 people by Gender, Race, Ethnicity, and Age

Southeastern Region – 2022

	Chlamydia			Gonorrhea			Syphilis			Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	13,717	100%	669	6,235	100%	304	1,354	100%	66	21,306	100%	1,040
Gender												
Male	4,740	34.6%	472	3,289	52.8%	328	856	63.2%	85	8,885	41.7%	885
Female	8,951	65.3%	856	2,941	47.2%	281	477	35.2%	46	12,369	58.1%	1,183
Transgender Female	6	0.0%	-	3	0.0%	-	18	1.3%	-	27	0.1%	-
Transgender Male	3	0.0%	-	0	0.0%	-	3	0.2%	-	6	0.0%	-
Unknown	17	0.1%	-	2	0.0%	-	0	0.0%	-	19	0.1%	-
Race/Ethnicity												
White	2,768	20.2%	197	747	12.0%	53	236	17.4%	17	3,751	17.6%	267
Black	8,001	58.3%	2,574	4,654	74.6%	1,497	866	64.0%	279	13,521	63.5%	4,349
Native American	68	0.5%	678	22	0.4%	219	10	0.7%	100^	100	0.5%	997
Asian	175	1.3%	222	39	0.6%	50	21	1.6%	27	235	1.1%	298
Hispanic	1978	14.4%	809	552	8.9%	226	190	14.0%	78	2,720	12.8%	1,112
Other/Unknown	727	5.3%	-	221	3.5%	-	31	2.3%	-	979	4.6%	-
Age												
0-4	8	0.1%	6^	1	0.0%	*	25	1.8%	20	34	0.2%	28
5-9	1	0.0%	*	2	0.0%	*	0	0.0%	0	3	0.0%	*
10-14	147	1.1%	115	83	1.3%	65	2	0.1%	*	232	1.1%	181
15-19	3706	27.0%	2,687	1403	22.5%	1,017	56	4.1%	41	5165	24.2%	3,744
20-24	4733	34.5%	3,331	1820	29.2%	1,281	189	14.0%	133	6742	31.6%	4,745
25-29	2508	18.3%	1,719	1106	17.7%	758	210	15.5%	144	3824	17.9%	2,620
30-34	1373	10.0%	1,006	751	12.0%	550	245	18.1%	179	2369	11.1%	1,735
35-39	613	4.5%	451	424	6.8%	312	150	11.1%	110	1187	5.6%	874
40-44	303	2.2%	251	242	3.9%	200	121	8.9%	100	666	3.1%	551
45-49	134	1.0%	110	141	2.3%	116	107	7.9%	88	382	1.8%	314
50+	191	1.4%	26	262	4.2%	36	249	18.4%	34	702	3.3%	96
Unknown	8	0.1%	6^	1	0.0%	*	25	1.8%	20	34	0.2%	28

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

Wisconsin Sexually Transmitted Infections (STI) Surveillance Report

Reported Cases and Rates per100,000 people by County

Southeastern Region - 2022

	Chlamydia			Gonorrhea			Syphilis			Total		
Southeastern	Case	Percent	Rates	Case	Percent	Rates	Case	Percent	Rates	Case	Percent	Rates
Kenosha	750	5.5%	442	185	3%	109	19	1%	11	954	4%	562
Milwaukee	10,455	76.2%	1,104	5,357	86%	566	1,213	90%	128	17,025	80%	1,798
Ozaukee	123	0.9%	137	19	0%	21	9	1%	10^	151	1%	168
Racine	1,161	8.5%	591	437	7%	222	65	5%	33	1,663	8%	846
Walworth	321	2.3%	309	49	1%	47	8	1%	8^	378	2%	363
Washington	188	1.4%	137	48	1%	35	2	0%	*	238	1%	174
Waukesha	719	5.2%	177	140	2%	35	38	3%	9	897	4%	221
Region total	13,717	100.0%	669	6,235	100%	304	1,354	100%	66	21,306	100%	1,040

*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 Southeastern Region - 2022

	Primary			Secondary			Early Latent			Early Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	248	100%	12	308	100%	15	301	100%	15	857	100%	42
Gender												
Male	203	82%	20	194	63%	19	191	63%	19	588	69%	59
Female	43	17%	4	110	36%	11	104	35%	10	257	30%	25
Transgender Female	2	1%	-	3	1%	-	6	2%	-	11	1%	-
Transgender Male	0	0%	-	1	0%	-	0	0%	-	1	0%	-
Unknown	0	0%	-	0	0%	-	0	0%	-	0	0%	-
Race/Ethnicity												
White	33	13%	2	48	16%	3	64	21%	5	145	17%	10
Black	166	67%	53	221	72%	71	179	59%	58	566	66%	182
Native American	3	1%	*	2	1%	*	1	0%	*	6	1%	60^
Asian	7	3%	9^	4	1%	*	5	2%	*	16	2%	20
Hispanic	35	14%	14	26	8%	11	43	14%	18	104	12%	43
Other/Unknown	4	2%	-	7	2%	-	9	3%	-	20	2%	
Age												
0-4	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
10-14	1	0%	*	0	0%	0	0	0%	0	1	0%	*
15-19	12	5%	9	9	3%	7^	17	6%	12	38	4%	28
20-24	32	13%	23	44	14%	31	54	18%	38	130	15%	91
25-29	37	15%	25	43	14%	29	43	14%	29	123	14%	84
30-34	51	21%	37	53	17%	39	62	21%	45	166	19%	122
35-39	20	8%	15	38	12%	28	35	12%	26	93	11%	68
40-44	18	7%	15	34	11%	28	24	8%	20	76	9%	63
45-49	15	6%	12	29	9%	24	21	7%	17	65	8%	53
50+	62	25%	8	58	19%	8	45	15%	6	165	19%	23
Unknown	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.

Wisconsin Syphilis Surveillance Report – Reported Cases and Rates per 100,000 people by Stage of Infection, Gender, Race, Ethnicity, and Age Southeastern Region - 2022

	Early Total			Late Latent			Congenital			All Stage Total		
	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates	Cases	Percent	Rates
Total	857	100%	42	472	100%	23	25	100%	1	1354	100%	66
Gender												
Male	588	69%	59	256	54%	25	12	48%	1	856	63%	85
Female	257	30%	25	207	44%	20	13	52%	1	477	35%	46
Transgender Female	11	1%	-	7	1%	-	0	0%	-	18	1%	-
Transgender Male	1	0%	-	2	0%	-	0	0%	-	3	0%	-
Unknown	0	0%	-	0	0%	-	0	0%	-	0	0%	-
Race/Ethnicity												
					0.0%							
White	145	17%	10	89	19%	6	2	8%	*	236	17%	17
Black	566	66%	182	281	60%	90	19	76%	6	866	64%	279
Native American	6	1%	60^	4	1%	*	0	0%	0	10	1%	100^
Asian	16	2%	20	5	1%	*	0	0%	0	21	2%	27
Hispanic	104	12%	43	86	18%	35	0	0%	0	190	14%	78
Other/Unknown	20	2%	-	7	1%	-	4	16%	-	31	2%	-
Age												
											0.0%	
0-4	0	0%	0	0	0%	0	25	100%	20	25	2%	20
5-9	0	0%	0	0	0%	0	0	0%	0	0	0%	0
10-14	1	0%	*	1	0%	*	0	0%	0	2	0%	*
15-19	38	4%	28	18	4%	13	0	0%	0	56	4%	41
20-24	130	15%	91	59	13%	42	0	0%	0	189	14%	133
25-29	123	14%	84	87	18%	60	0	0%	0	210	16%	144
30-34	166	19%	122	79	17%	58	0	0%	0	245	18%	179
35-39	93	11%	68	57	12%	42	0	0%	0	150	11%	110
40-44	76	9%	63	45	10%	37	0	0%	0	121	9%	100
45-49	65	8%	53	42	9%	34	0	0%	0	107	8%	88
50+	165	19%	23	84	18%	11	0	0%	0	249	18%	34
Unknown	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. 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 not included in the regional report but is included in the statewide report and geographic region for these cases are assigned as institution.
6. Cases residing outside Wisconsin are not included in this report.
7. 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.
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.

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