



## 2023 Kalamazoo County STI Update Quarter 1 (January-March)

### Chlamydia Snapshot: Challenges-STI National Strategic Plan 2021-2025

'A significant challenge to reducing the incidence of chlamydia is the large proportion of cases that are asymptomatic. A recent study demonstrated that greater than 84% of females and 94% of males did not report symptoms within 12 months after infection. If symptoms do appear, they often do not manifest until weeks after exposure. Asymptomatic individuals often do not seek testing yet can still transmit the infection to a sexual partner. As a result, many cases go undiagnosed and unreported. Given that most chlamydial infections are asymptomatic, screening for chlamydia is critical to identify and then treat the infection. Although chlamydia screening has expanded over the past two decades, many women who are at risk are still not being tested'. (Source: STI National Strategic Plan 2021-2025, p. 16)

### Gonorrhea Snapshot: Challenges-STI National Strategic Plan 2021-2025

'The greatest challenge to gonorrhea prevention and control is its growing AMR. Gonorrhea typically can be treated with antibiotics; however, *N. gonorrhoeae* is demonstrating resistance against previously recommended treatments, and resistance to currently recommended therapy is increasing. For example, in the United States alone, it is estimated that nearly one-half (550,000) of the estimated annual 1.14 million new infections each year are resistant to at least one antibiotic. Because of this increased resistance, CDC treatment recommendations are modified as needed to ensure that the most effective regimen is recommended. Resistance to oral extended-spectrum cephalosporins has been reported in more than 50 countries. Gonorrhea completely resistant to recommended treatment has been detected in other countries. Without intervention, it may only be a matter of time before untreatable gonorrhea emerges in the United States'. (Source: STI National Strategic Plan 2021-2025, p. 18).

### STI Testing

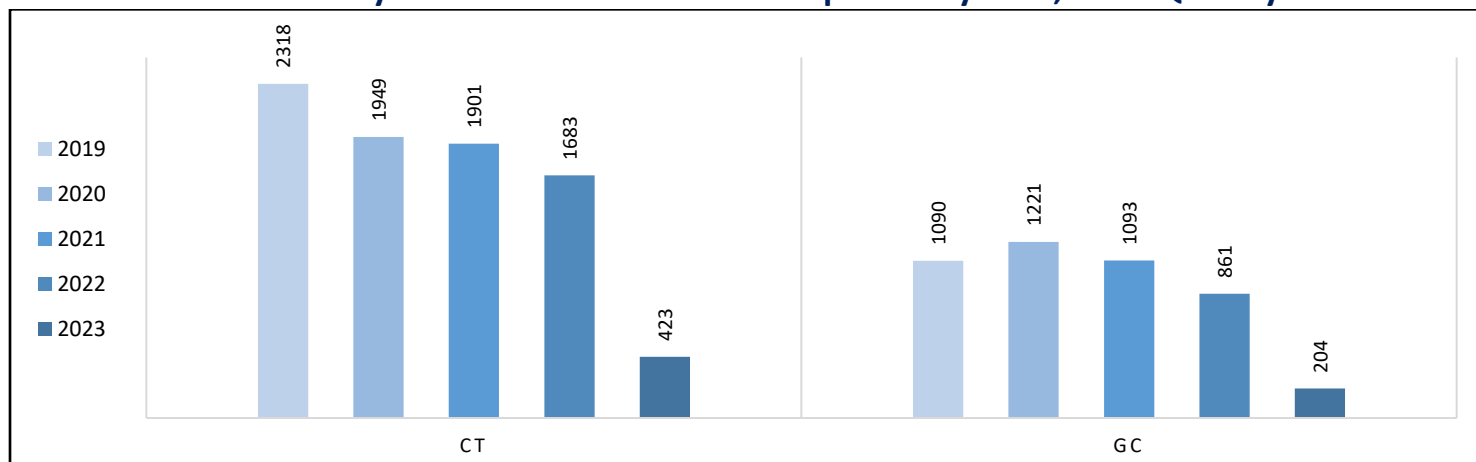
You can get tested for STIs at your doctor's office, a community health clinic, or your local health department. How much you pay for STI testing depends on where you go, what tests you need, your income, and whether you use health insurance. [Find fast and confidential testing near you.](#) For more information about the Kalamazoo County HCS STI clinic, [click here](#).

### Data Notes

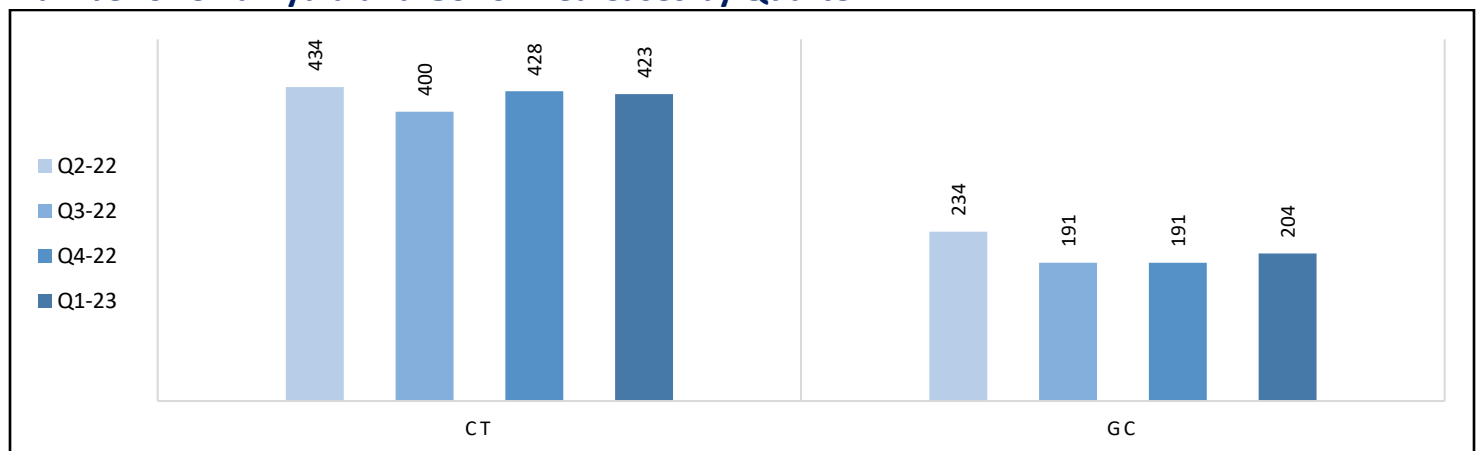
The data source for this report is the Michigan Disease Surveillance System; accessed on 06/02/23. Data has not been finalized, case counts and other information may change during the course of the disease investigation.

**Report Date: 6/14/23**

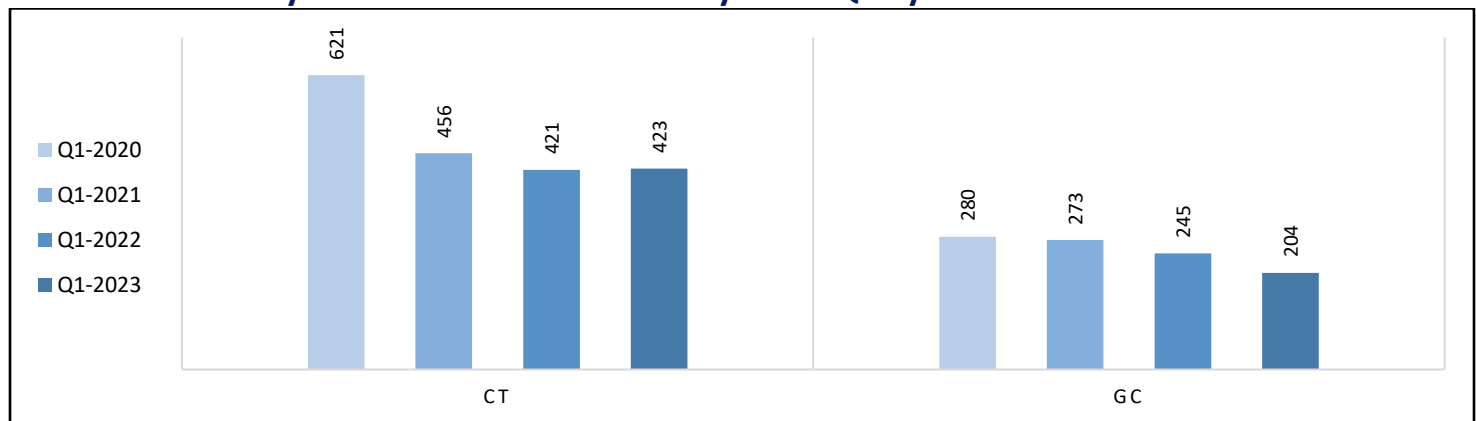
## Total Number of Chlamydia and Gonorrhea Cases Reported by Year; 2023 Q1 Only



## Number of Chlamydia and Gonorrhea Cases by Quarter



## Number of Chlamydia and Gonorrhea Cases by Year -Q1 by Year

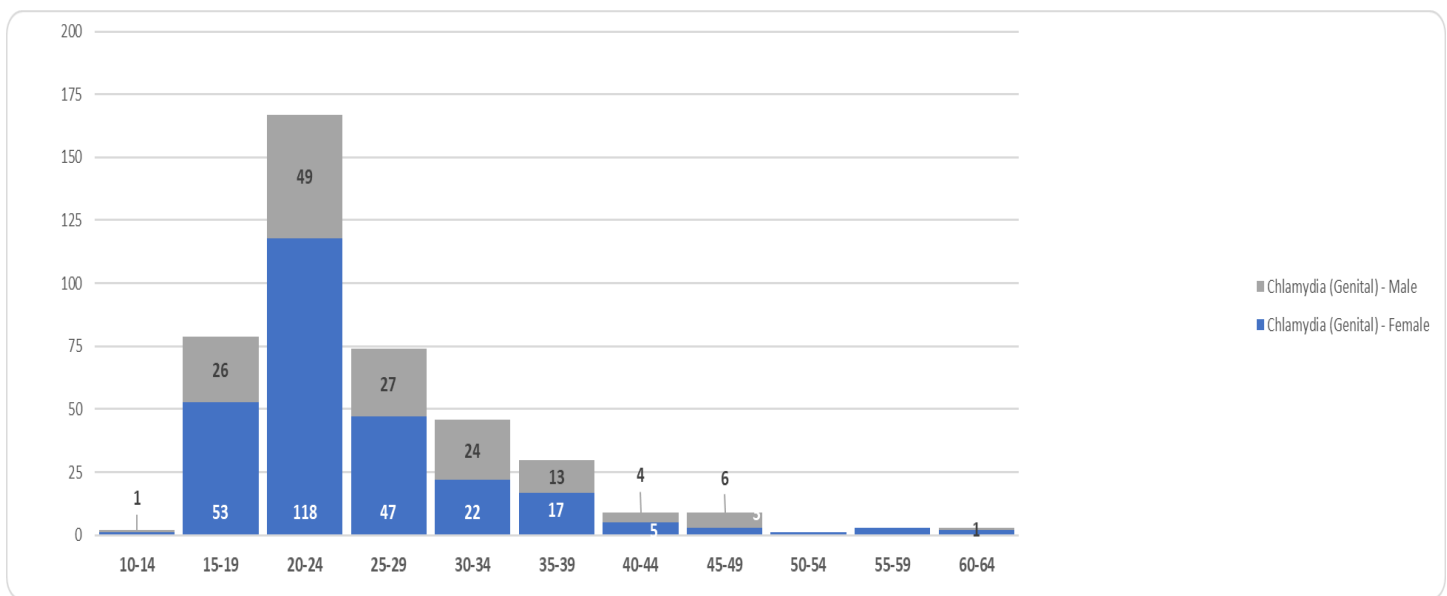


## 2023 Q1 Chlamydia and Gonorrhea Case Demographics

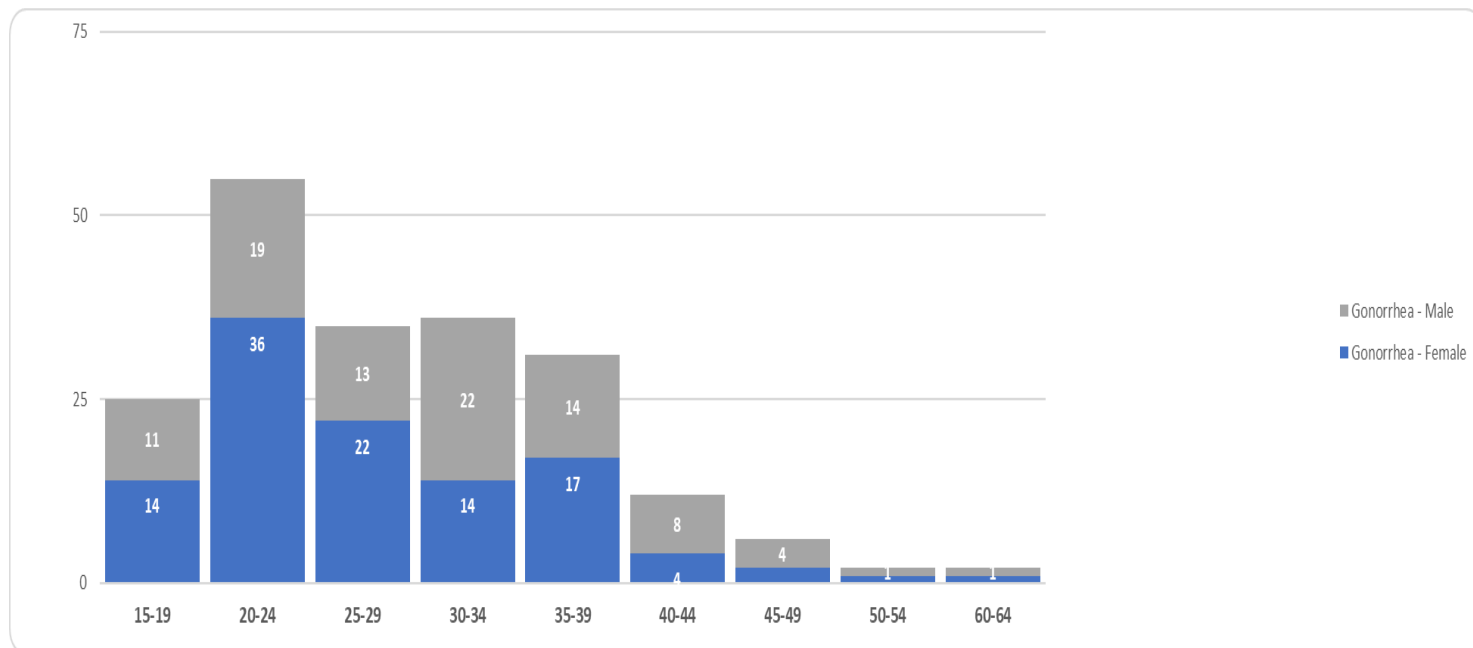
	CT		GC	
	#	%	#	%
<b>Sex Assigned at Birth</b>				
Male	151	36%	93	46%
Female	272	64%	111	54%
<b>Race</b>				
Black	218	51%	122	60%
White	158	37%	67	33%
Other Race, Unknown	47	12%	15	7%
<b>Age Group</b>				
15-19	79	19	25	12
20-24	167	39	55	27
25-29	74	17	35	17
30-39	76	18	67	33
40-49	18	4	18	9
50+	9	2	4	2

\*Total percent may not = 100% due to missing values

## Q1 2023 Chlamydia Cases by Age Group and Sex Assigned at Birth



## Q1 2023 Gonorrhea Cases by Age Group and Sex Assigned at Birth



## Syphilis Cases

### Number of Syphilis Cases by Quarter

	Q2-2022	Q3-2022	Q4-2022	Q1-2023
Congenital	1	-	1	-
Early Latent	5	8	8	16
Unknown/Late	10	12	8	4
To Be Determined	-	-	-	-
Primary	4	-	4	7
Secondary	7	4	9	6
<b>Total</b>	<b>27</b>	<b>24</b>	<b>30</b>	<b>33</b>



### Q1 2023: Early Latent Syphilis Cases by Age and Sex Assigned at Birth

	20s	30s	40+	Total
Male	1	2	2	5
Female	7	4	0	11
Total	8	6	2	16

### Q1 2023: P&S Syphilis Cases by Age and Sex Assigned at Birth

	20s	30s	40+	Total
Male	6	3	2	11
Female	1	1	0	2
Total	7	4	2	13

### Q1 2023: Early Latent and P&S Syphilis Cases by Age and Sex Assigned at Birth

	Black/African American	Hispanic	White	Total
Early Latent	9	2	5	16
P&S*	8	0	4	13
Total	17	2	9	29

\*includes 1 case-unknown race/ethnicity