

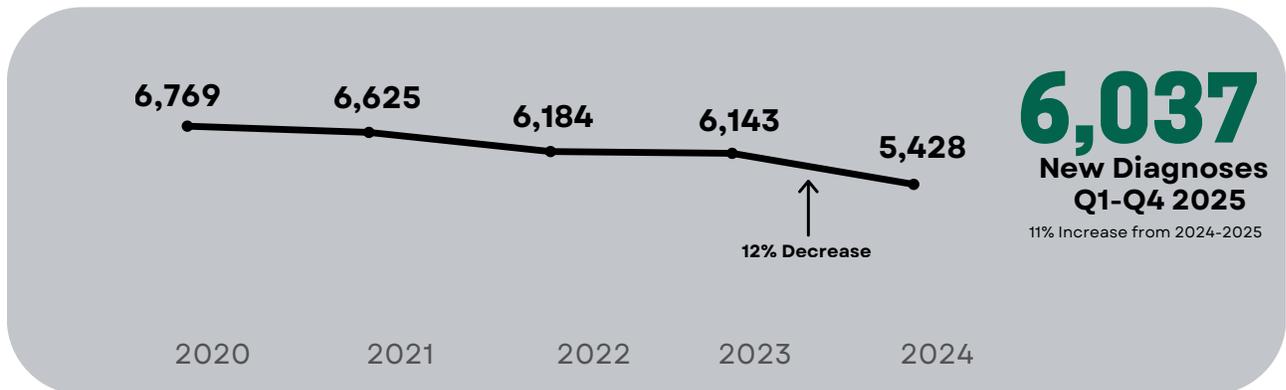
2025 Quarterly Chlamydia & Gonorrhea Report: Q1-Q4 (January-December)

Background

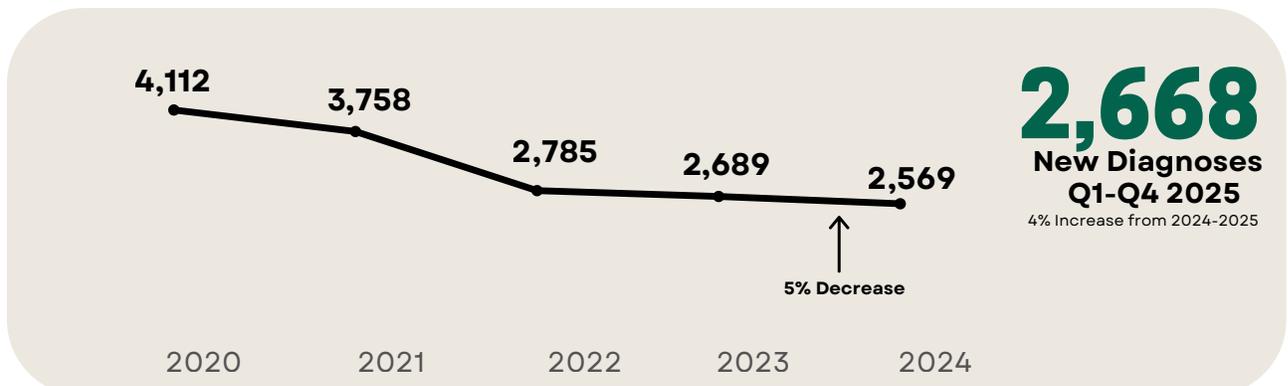
The purpose of this quarterly report is to provide chlamydia and gonorrhea data to community partners and the public to identify where efforts can be best directed to diagnose, prevent, and treat chlamydia and gonorrhea. Chlamydia is the most reported sexually transmitted infection (STI) in Hamilton County when compared to other reportable STIs such as gonorrhea, syphilis, and HIV. Both chlamydia and gonorrhea can be treated with an appropriate dose of antibiotics.*

- Hamilton County Public Health (HCPH) conducts chlamydia and gonorrhea surveillance in Hamilton County.
- Counts are for individuals newly diagnosed with chlamydia or gonorrhea within a specified time period.
- An individual's county of residence is determined by their address at the time of diagnosis.
- These data can provide a snapshot of chlamydia and gonorrhea in the region, but do not always tell the entire story. To fully understand the situation, community voices, stakeholders, and other sources should be considered.
- Sexual contact is the main source of transmission for chlamydia and gonorrhea.
- For data notes and additional information see page 5.

Hamilton County New Chlamydia Diagnoses



Hamilton County New Gonorrhea Diagnoses



*<https://www.cdc.gov/sti/hcp/clinical-guidance/>

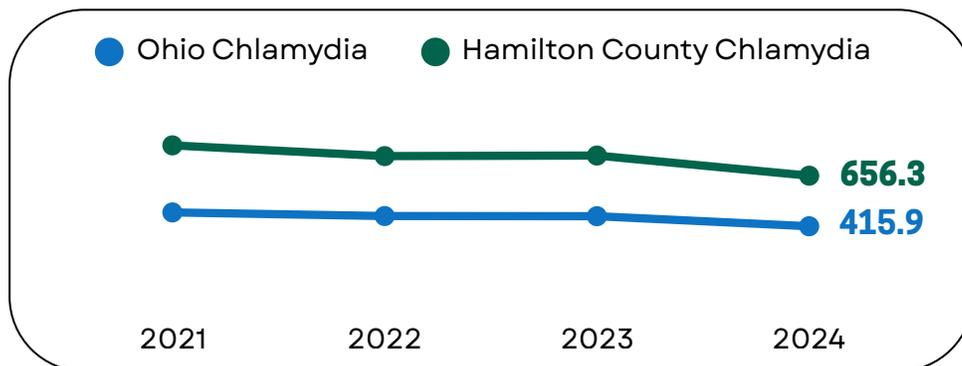
Chlamydia and Gonorrhea Rates per 100,000 Population

Rates Data Summary

The following data shows rates of new chlamydia and gonorrhea diagnoses per 100,000 population in Ohio and Hamilton County from 2021-2024 and Hamilton County for the complete year of 2025. Calculating rates is a useful comparison tool because each county in Ohio has a different population size. Expressing new diagnoses as rates allow us to look at diagnoses as if each county has the same population.

- For 2025, **Hamilton County** showed a rate of **729.2** new chlamydia diagnoses per 100,000 population.
- In 2024, **Ohio** showed a rate of **415.9** new chlamydia diagnoses per 100,000 population. Data from 2024 is referenced since statewide rates for 2025 are not yet available.*
- For 2025, **Hamilton County** showed a rate of **322.3** new gonorrhea diagnoses per 100,000 population.
- In 2024, **Ohio** showed a rate of **145.0** new gonorrhea diagnoses per 100,000 population. Data from 2024 is referenced since statewide rates for 2025 are not yet available.**

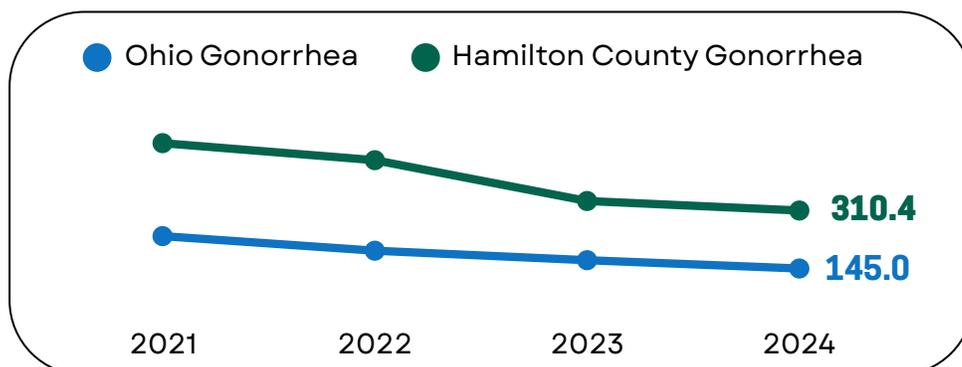
Ohio and Hamilton County 2021-2024 Chlamydia Rates per 100,000 Population*



Hamilton County 2025

729.2
New Chlamydia
Diagnoses per
100,000 Population

Ohio and Hamilton County 2021-2024 Gonorrhea Rates per 100,000 Population**



Hamilton County 2025

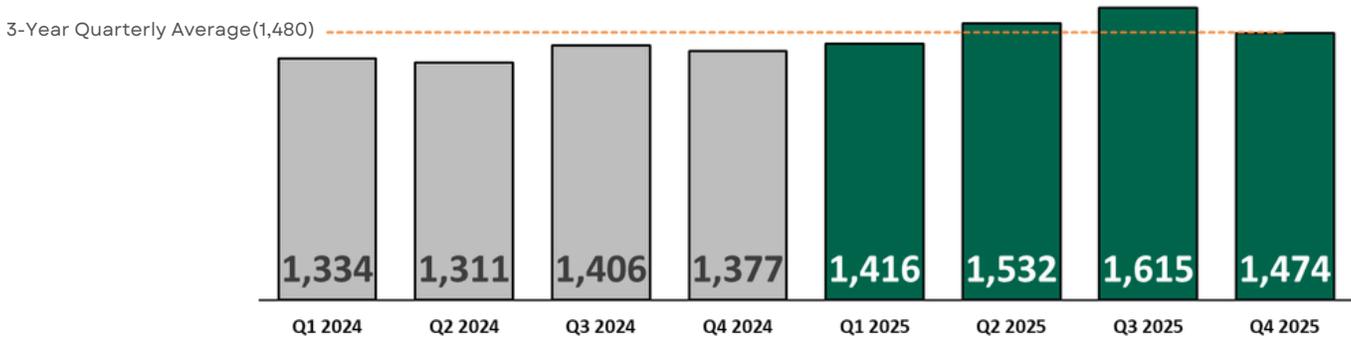
322.3
New Gonorrhea
Diagnoses per
100,000 Population

* <https://odh.ohio.gov/know-our-programs/sti-surveillance/resources/chlamydia-five-year-report>

** <https://odh.ohio.gov/know-our-programs/sti-surveillance/resources/gonorrhea-five-year-report>

Chlamydia

Hamilton County Quarterly Chlamydia Diagnoses



Hamilton County Q1-Q4 Data Summary

6,037

New Chlamydia Diagnoses

↓ 9%

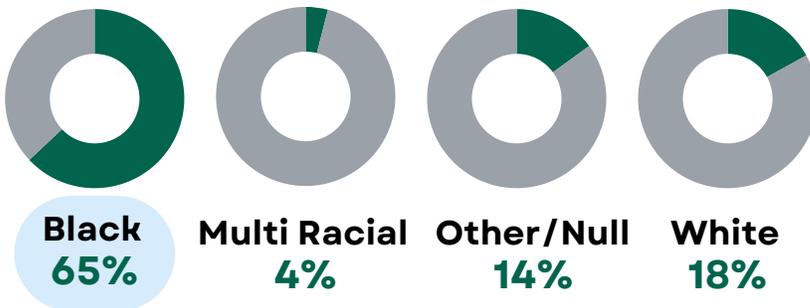
Decrease From Q3 to Q4 2025

↑ 11%

Increase Compared to Q1-Q4 of 2024

- For 2025, **Q1** (1,416) and **Q4** (1,474) were **below**, and **Q2** (1,532) and **Q3** (1,615) were **above** the 3-year quarterly **average** (1,480).
- **Black** individuals (65%) had the **highest** percentage of new chlamydia diagnoses, followed by White individuals (18%).
- **Females** (66%) had the **highest** percentage of new chlamydia diagnoses and were nearly double the percent compared to males (34%).
- **15-24 year-old** individuals (64%) were the age group with the **highest** percentage of new chlamydia diagnoses. When combined, 15-34 year-old individuals made up 88% of new chlamydia diagnoses.

Hamilton County Q1-Q4 2025 Demographics



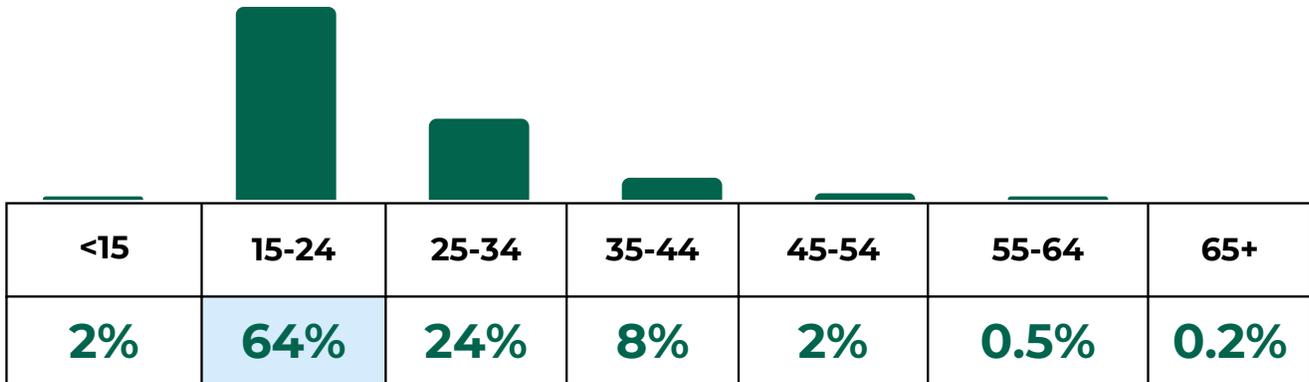
Male

34%

Female

66%

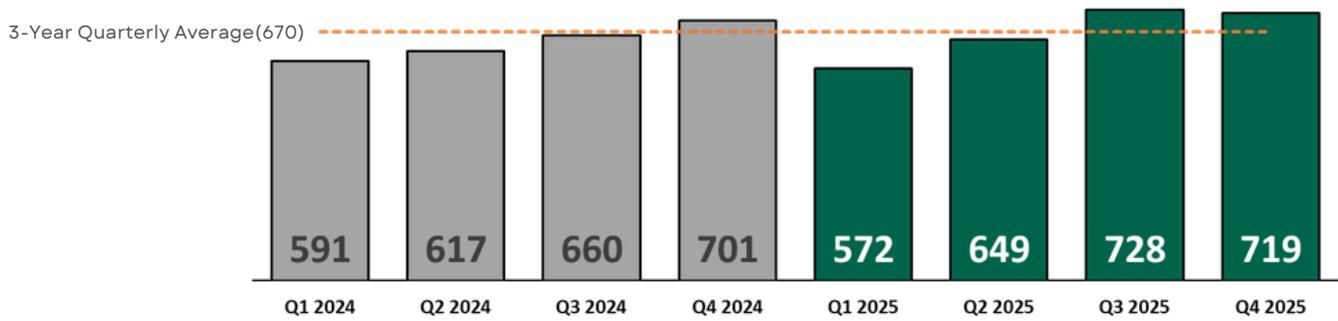
Age



indicates highest percentages

Gonorrhea

Hamilton County Quarterly Gonorrhea Diagnoses



Hamilton County Q1-Q4 Data Summary

2,668

Individuals Newly Diagnosed with Gonorrhea

↓ 1%

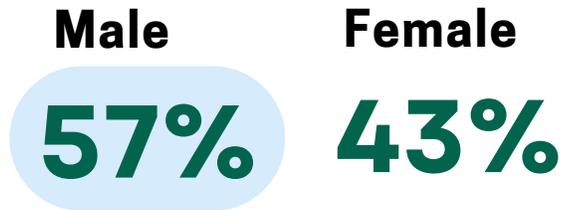
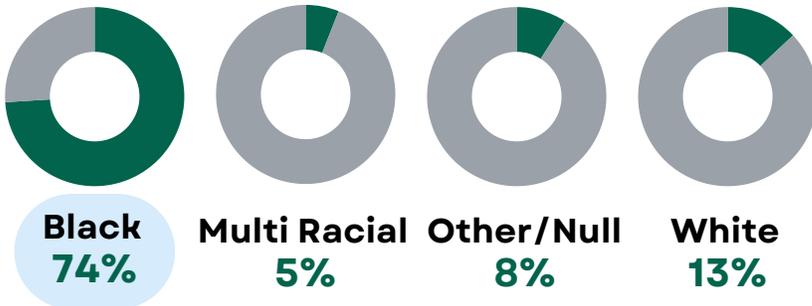
Decrease From Q3 to Q4 2025

↑ 4%

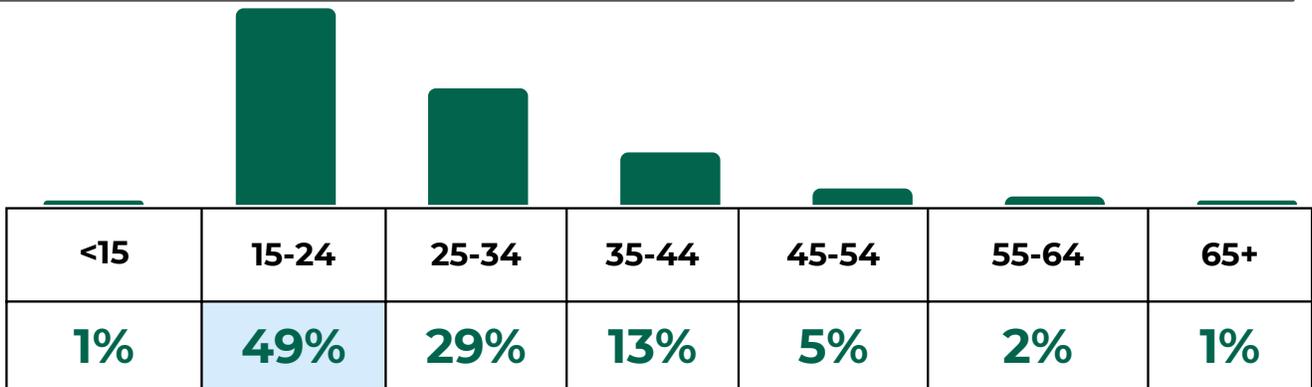
Increase Compared to Q1-Q4 of 2024

- For 2025, **Q1** (572) and **Q2** (649) were **below**, and **Q3** (728), and **Q4** (719) were **above** the 3-year quarterly **average** (670).
- Black individuals** (74%) had the **highest** percentage of new gonorrhea diagnoses, followed by White individuals (13%).
- Males** (57%) had the **highest** percentage of new gonorrhea diagnoses compared to females (43%).
- 15-24 year-old** individuals (49%) were the age group with the **highest** percentage of new gonorrhea diagnoses. When combined, 15-34 year-old individuals made up 78% of new gonorrhea diagnoses.

Hamilton County Q1-Q4 2025 Demographics



Age



indicates highest percentages

Data Notes & Additional Information

Data Notes

- Data was downloaded from the Ohio Disease Reporting System (ODRS) on 2/19/2026
- These data are provisional and subject to change as there is a lag time in reporting and counts may be added or removed.
- Data errors may occur when entering information into ODRS.
- Percentages may not equal 100% due to rounding.
- Any quarter where counts are above the 3-Year average may result in additional case interventions or response.
- Null data occurs when there is missing demographic information on the disease report.
- The American Community Survey's 2024 5-Year Estimates Data Profiles were used to calculate rates per 100,000 population for Hamilton County for 2025.
- Ohio Department of Health specifically disclaims responsibility for analyses, interpretations, or conclusions.
- Email HCPH.ID@hamilton-co.org with any questions regarding this report.

To schedule an HIV or other STI tests please call our HCPH Clinic at: 513-946-7610

Scan the QR code with your mobile device to view HCPH Clinic hours and more information about the services that are offered.



View additional reports at: hamiltoncountyhealth.org/reports

To request additional data please fill out the following form linked here: https://hamiltonco.co1.qualtrics.com/jfe/form/SV_2mWg3LT0FitYOzk



PREVENT. PROMOTE. PROTECT.