

HAMILTON COUNTY PUBLIC HEALTH

2025 Quarterly HIV Report: Q1-Q4 (January-December)

Background

The purpose of this quarterly report is to provide HIV data to community partners and the public to identify where efforts can be best directed to diagnose, prevent, and treat HIV. While there is currently no cure for HIV, advancements in medications have made it possible to prevent transmitting the virus to others.*

- Hamilton County Public Health (HCPH) conducts HIV surveillance in a seven-county region known as Region 8 (R8) which includes Butler, Brown, Clermont, Clinton, Hamilton, Highland, and Warren Counties (see map below).
- Counts are for individuals newly diagnosed with HIV within the 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 HIV in the region but do not always tell the entire story. To fully understand the situation community voices, stakeholders, and other sources should also be considered.
- Sexual intercourse and intravenous drug use are the most common routes for HIV transmission.
- Please see pages 7 and 8 for data notes and contact information.

Region 8 HIV Q1-Q4 2025 Data Overview

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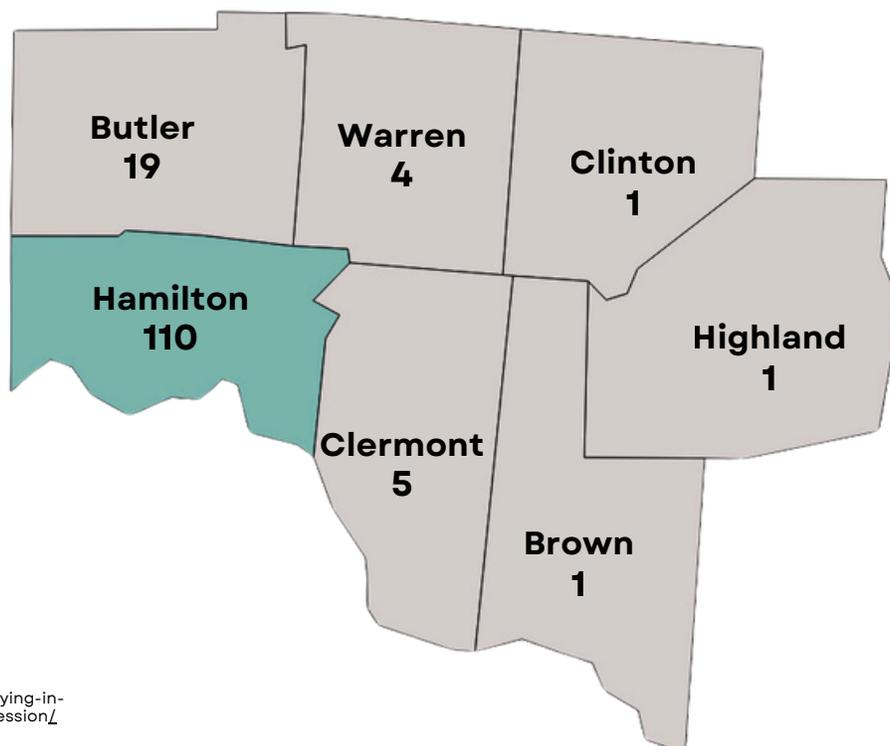
New HIV Diagnoses

90%

Of newly diagnosed individuals went to their 1st medical appointment

7 out of 7

R8 counties had a new HIV diagnosis



*<https://www.hiv.gov/hiv-basics/staying-in-hiv-care/hiv-treatment/viral-suppression/>

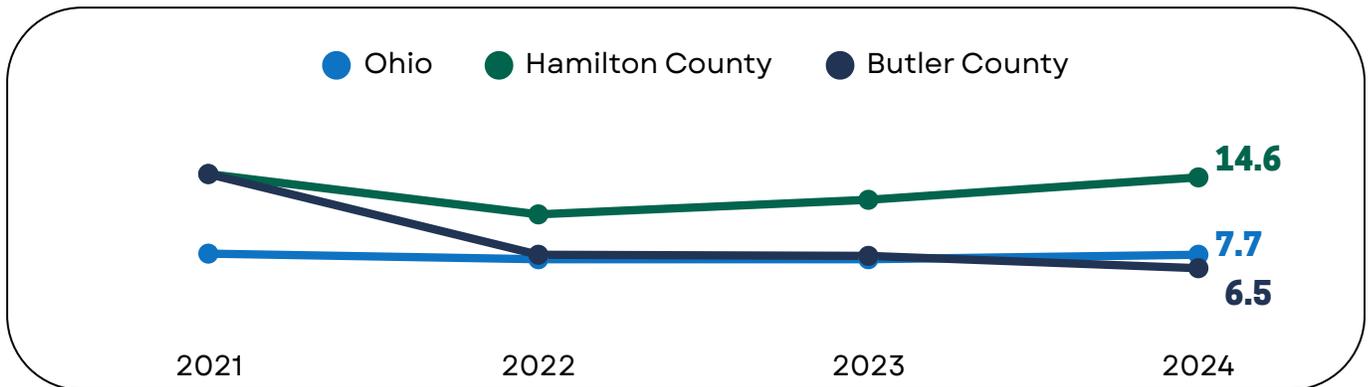
HIV Rates per 100,000 Population

Rates Data Summary

The following data shows rates of new HIV diagnoses per 100,000 population in Region 8 and Ohio from 2021-2024 and Region 8 for the complete year of 2025. Calculating rates is a useful comparison tool because each county in Region 8 has a different population size. Expressing new diagnoses as rates allow us to look at diagnoses as if each county has the same population.

- In 2025, **Region 8** as a whole had **7.8** new HIV diagnoses per 100,000 population.
- In 2025, **Hamilton County** had the **highest rate** in Region 8 with **13.2** new HIV diagnoses per 100,000 population.
- In 2025, **Butler County** had the **second highest** rate in Region 8 with **4.8** new HIV diagnoses per 100,000 population.
- In 2024, **Ohio** showed a rate of **7.7** new HIV diagnoses per 100,000 population. Data from 2024 is referenced since statewide rates for 2025 are not yet available.*

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

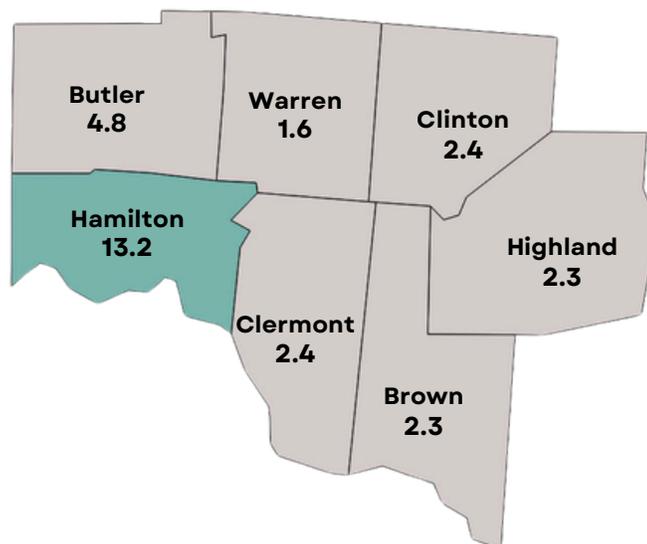


Region 8 2025 HIV Rates per 100,000 Population

Region 8
7.8

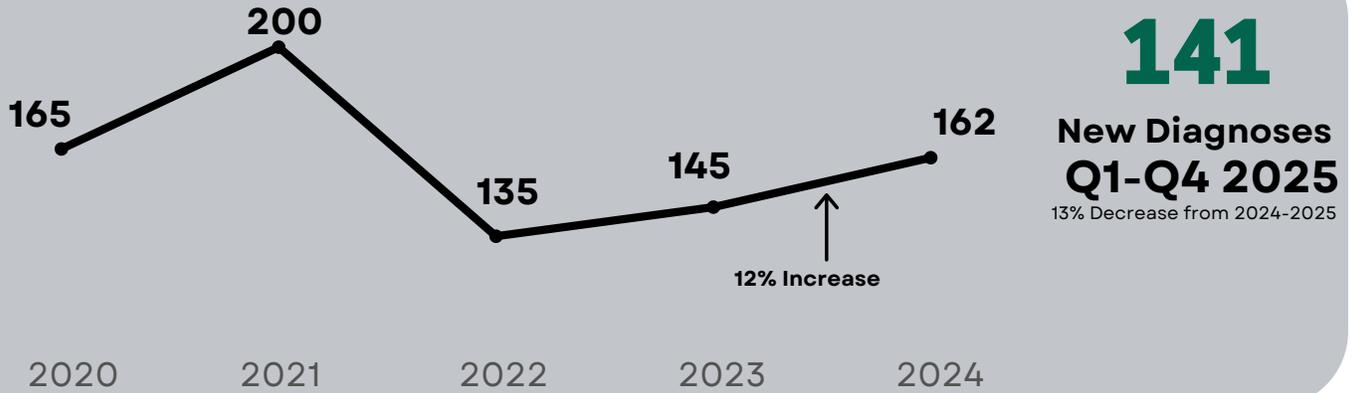
Hamilton County
13.2

Butler County
4.8

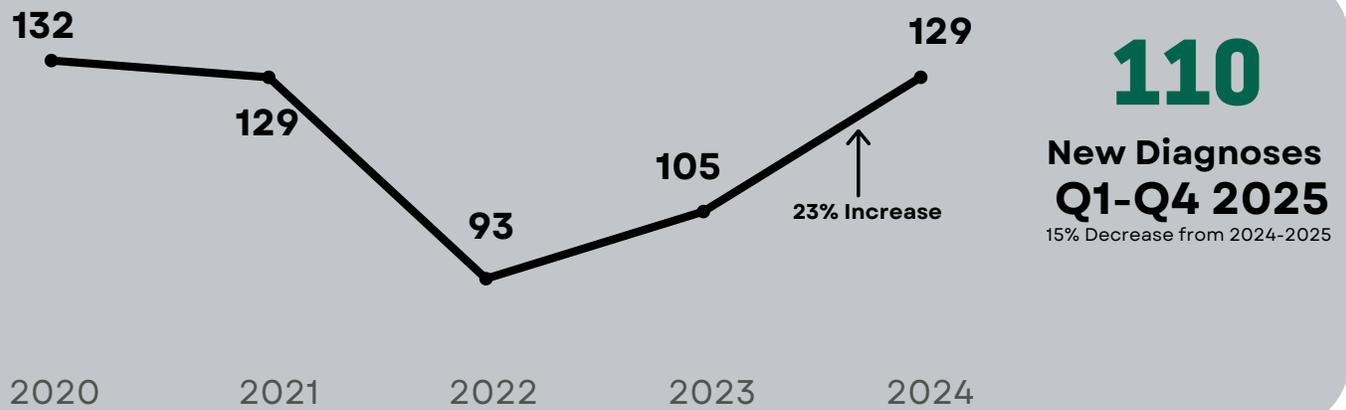


*<https://odh.ohio.gov/know-our-programs/hiv-aids-surveillance-program/resources/ohio-hiv-surveillance-data-tables>

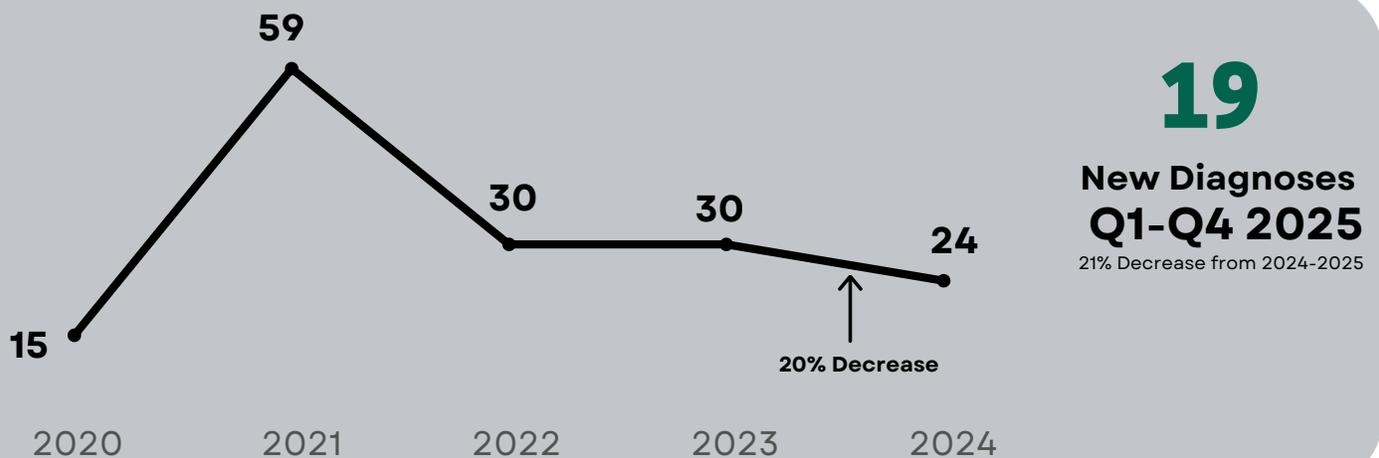
Region 8 New HIV Diagnoses



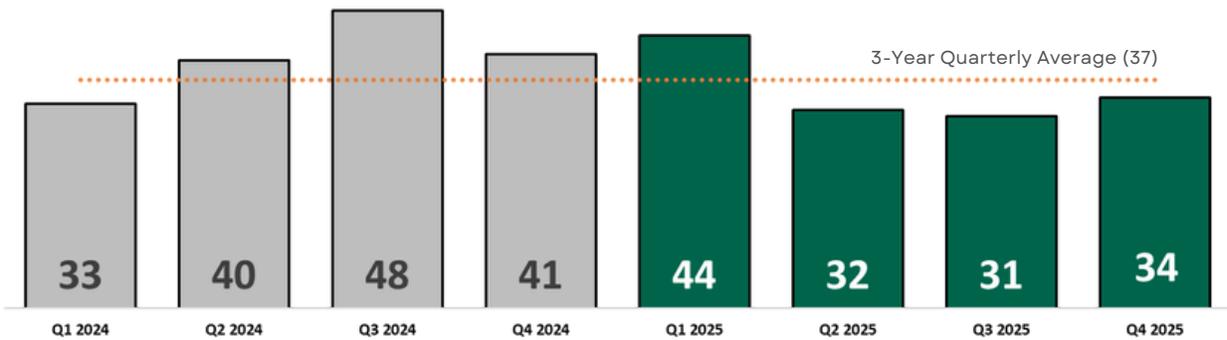
Hamilton County New HIV Diagnoses



Butler County New HIV Diagnoses



R8 Quarterly Trends and Q1-Q4 2025 Demographics



Region 8 Q1-Q4 2025 Data Summary

141

New HIV Diagnoses

↑ 10%

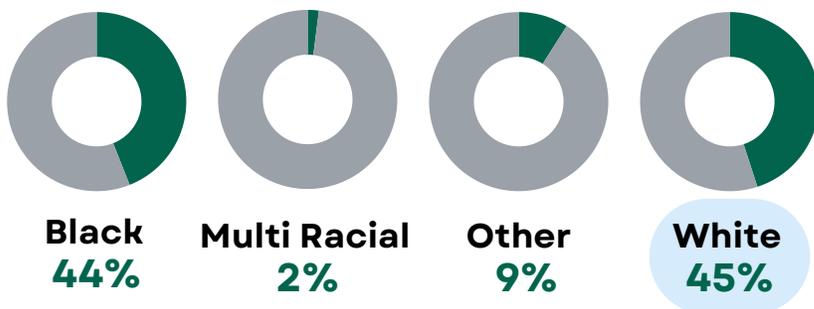
Increase From Q3 to Q4 2025

↓ 14%

Decrease Compared to Q1-Q4 of 2024

- For 2025, **Q1** (44) new HIV diagnoses were **above** the 3-year quarterly **average** (37) while **Q2** (32), **Q3** (31), and **Q4** (34) diagnoses were **below** the **average** (37).
- White individuals** (45%) had the **highest percentage** of new HIV diagnoses followed by Black individuals (44%).
- Males** (73%) had the **highest percentage** of new HIV diagnoses and had a diagnosis rate nearly three times higher than that of females (27%).
- 25-34-year-old individuals** (31%) were the age group with the **highest percentage** of new HIV diagnoses. The 15-34-year-old age range made up over half (54%) of all new HIV diagnoses.

Region 8 Q1-Q4 2025 Demographics



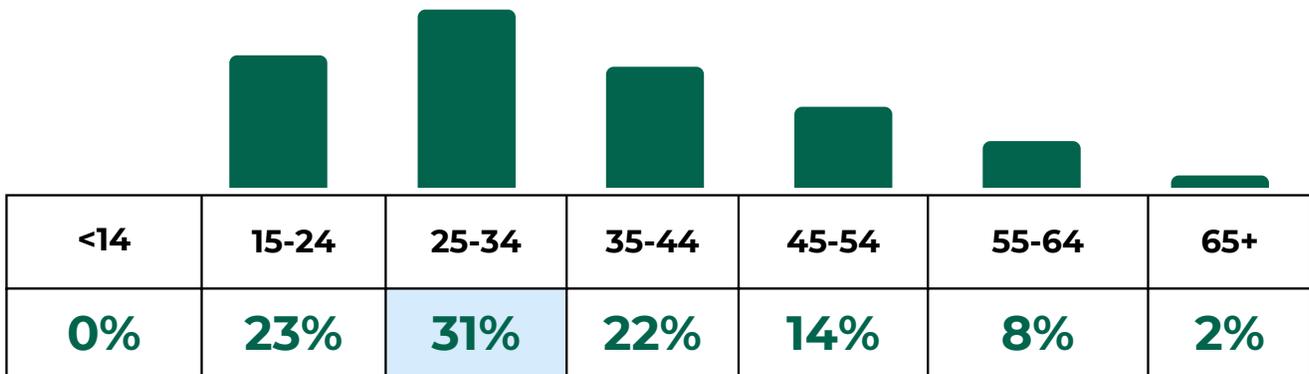
Male

73%

Female

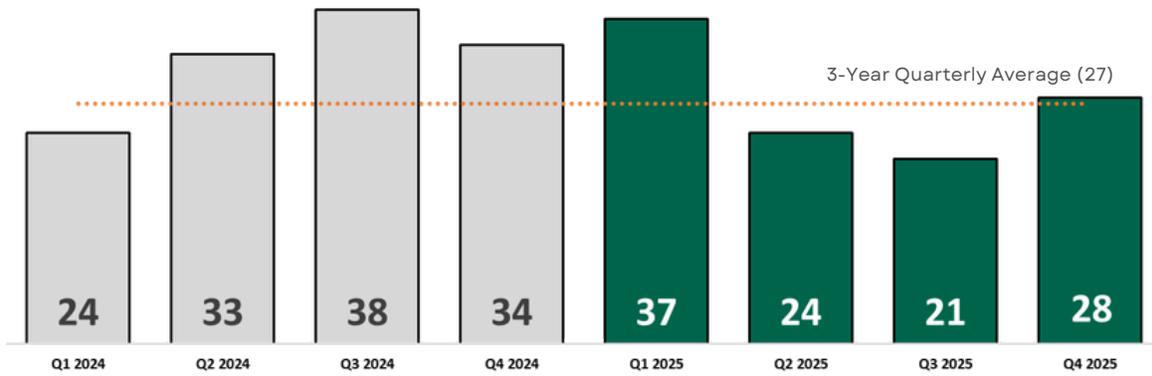
27%

Age



indicates highest percentages

Hamilton County Quarterly Trends and Q1-Q4 2025 Demographics



Hamilton County Q1-Q4 2025 Data Summary

110

New HIV Diagnoses

↑ 33%

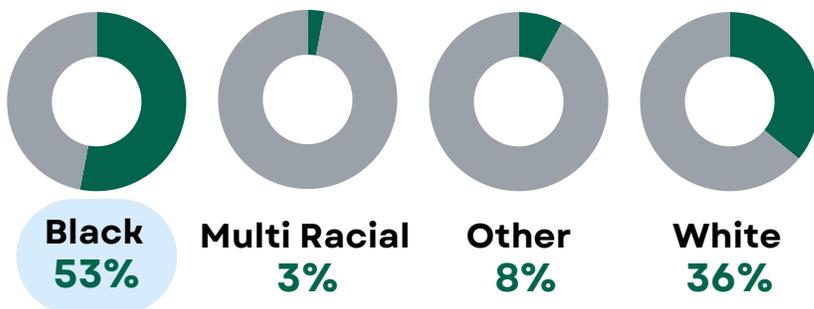
Increase From Q3 to Q4 2025

↓ 15%

Decrease Compared to Q1-Q4 of 2024

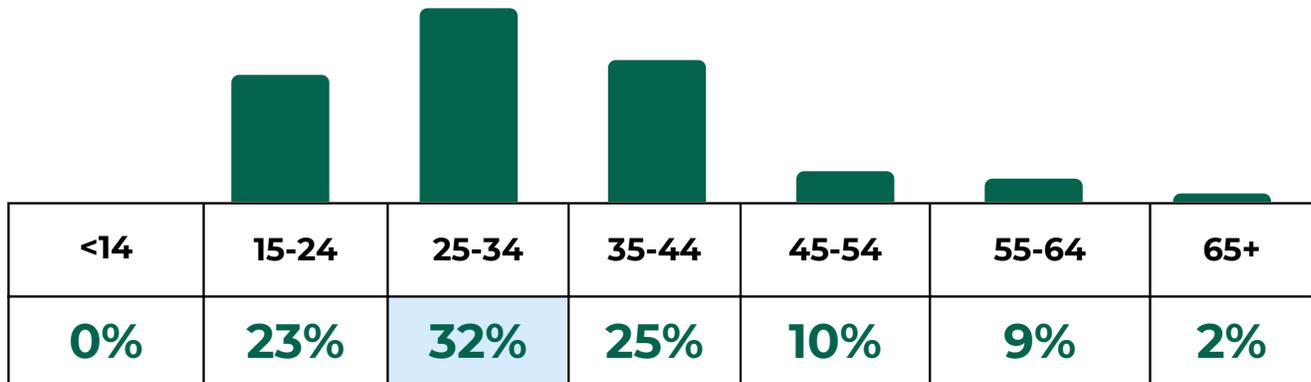
- For 2025, **Q1 (37)** and **Q4 (28)** new HIV diagnoses were **above** the 3-year quarterly **average (27)** while **Q2 (24)** and **Q3 (21)** diagnoses were **below** the **average (27)**.
- Black individuals (53%)** had the **highest percentage** of new HIV diagnoses, followed by White individuals (36%).
- Males (75%)** had the **highest percentage** of new HIV diagnoses and had a diagnoses rate three times higher than that of females (25%).
- 25-34-year-old individuals (32%)** were the age group with the **highest percentage** of new HIV diagnoses. The 15-34-year-old age range made up over half (55%) of all new HIV diagnoses.

Hamilton County Q1-Q4 2025 Demographics



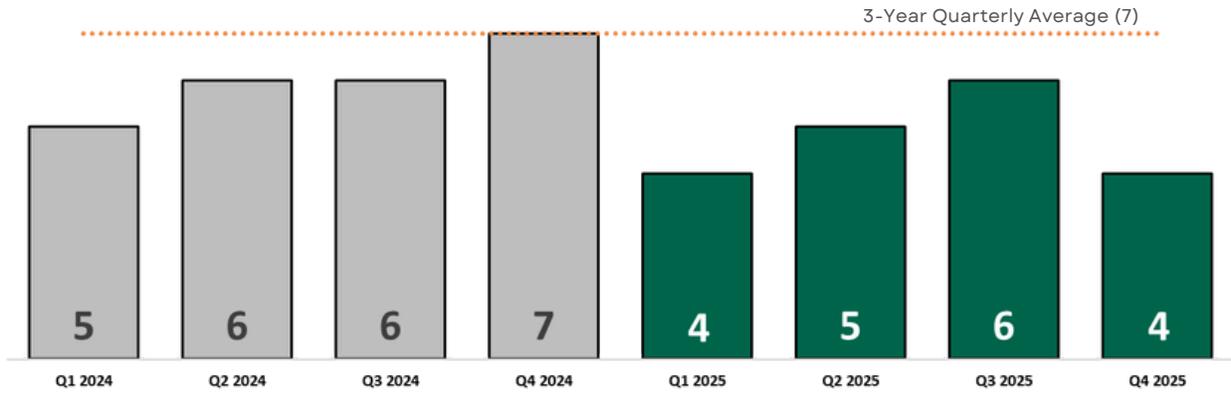
Male 75% **Female 25%**

Age



indicates highest percentages

Butler County Quarterly Trends and Q1-Q4 2025 Demographics



Butler County Q1-Q4 2025 Data Summary

19

New HIV Diagnoses

↓ 33%

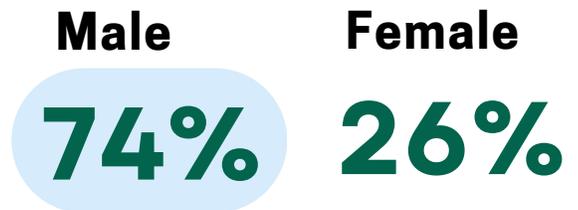
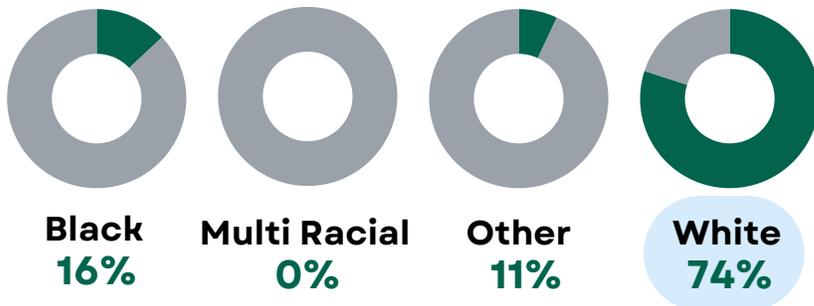
Decrease From Q3 to Q4 2025

↓ 21%

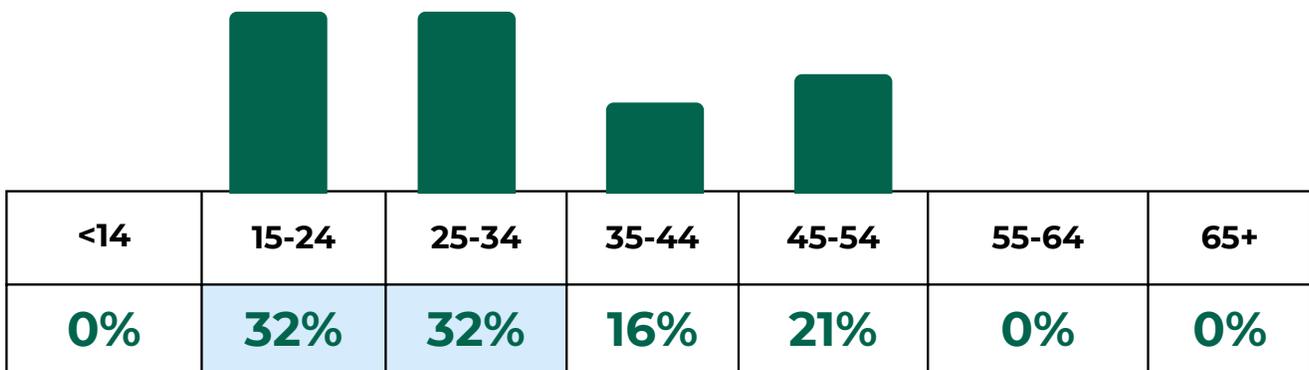
Decrease Compared to Q1-Q4 of 2024

- For 2025, **Q1 (4), Q2 (5), Q3 (6), and Q4 (4)** new HIV diagnoses were **below** the 3-year quarterly average (7).
- **White individuals (74%)** had the **highest percentage** of new HIV diagnoses, followed by Black individuals (16%).
- **Males (74%)** had the **highest percentage** of new HIV diagnoses and had a diagnoses rate nearly three times higher than that of females (26%).
- **15-24 and 25-34-year-old individuals (32%)** were the age groups with the **highest percentage** of new HIV diagnoses. The 15-34-year-old age range made up nearly a third (64%) of all new HIV diagnoses.

Butler County Q1-Q4 2025 Demographics



Age



indicates highest percentages

Other R8 County Quarterly Trends Q1-Q4 2025

New HIV Diagnoses by Quarter

2024	Brown	Clermont	Clinton	Highland	Warren
Q1	0	0	0	0	1
Q2	0	1	2	0	0
Q3	0	2	0	1	1
Q4	0	1	0	0	1
Total HIV Counts	0	4	2	1	3

2025	Brown	Clermont	Clinton	Highland	Warren
Q1	0	1	0	0	2
Q2	1	0	1	0	1
Q3	0	2	0	1	1
Q4	0	2	0	0	0
Total HIV Counts	1	5	1	1	4

Other R8 County Q1-Q4 2025 Data Summary

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New HIV Diagnoses

 **50%**

Decrease From Q3 to Q4

 **17%**

Increase Compared to Q1-Q4 of 2024

- For Q1-Q4 2025, Clermont County had the highest number of new HIV diagnoses (5) for these R8 Counties.
- Demographic data for these counties may be made available upon request depending on factors including, but not limited to, privacy concerns due to low numbers.

Data Notes

- Data was downloaded from the Ohio Disease Reporting System (ODRS) on 01/27/2026.
- An individual's county of residence is determined by their address at the time of diagnosis.
- 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 HIV counts are above the 3-Year Average may result in additional case interventions or response.
- The American Community Survey's 2024 5-Year Estimates Data Profiles were used to calculate rates per 100,000 population for Region 8 for year 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 test 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



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