

CUYAHOGA COUNTY BOARD OF HEALTH

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5550 Venture Drive Parma, Ohio 44130
216-201-2000 www.ccbh.net

2023 HIV/STI Epidemiological Data Review

Clarence Williams, MPH
September 26, 2024

Cuyahoga Epidemiological Summary 2023

139 new cases of HIV

83% male at birth

55% among Black/African American males

Cuyahoga Epidemiological Summary 2023

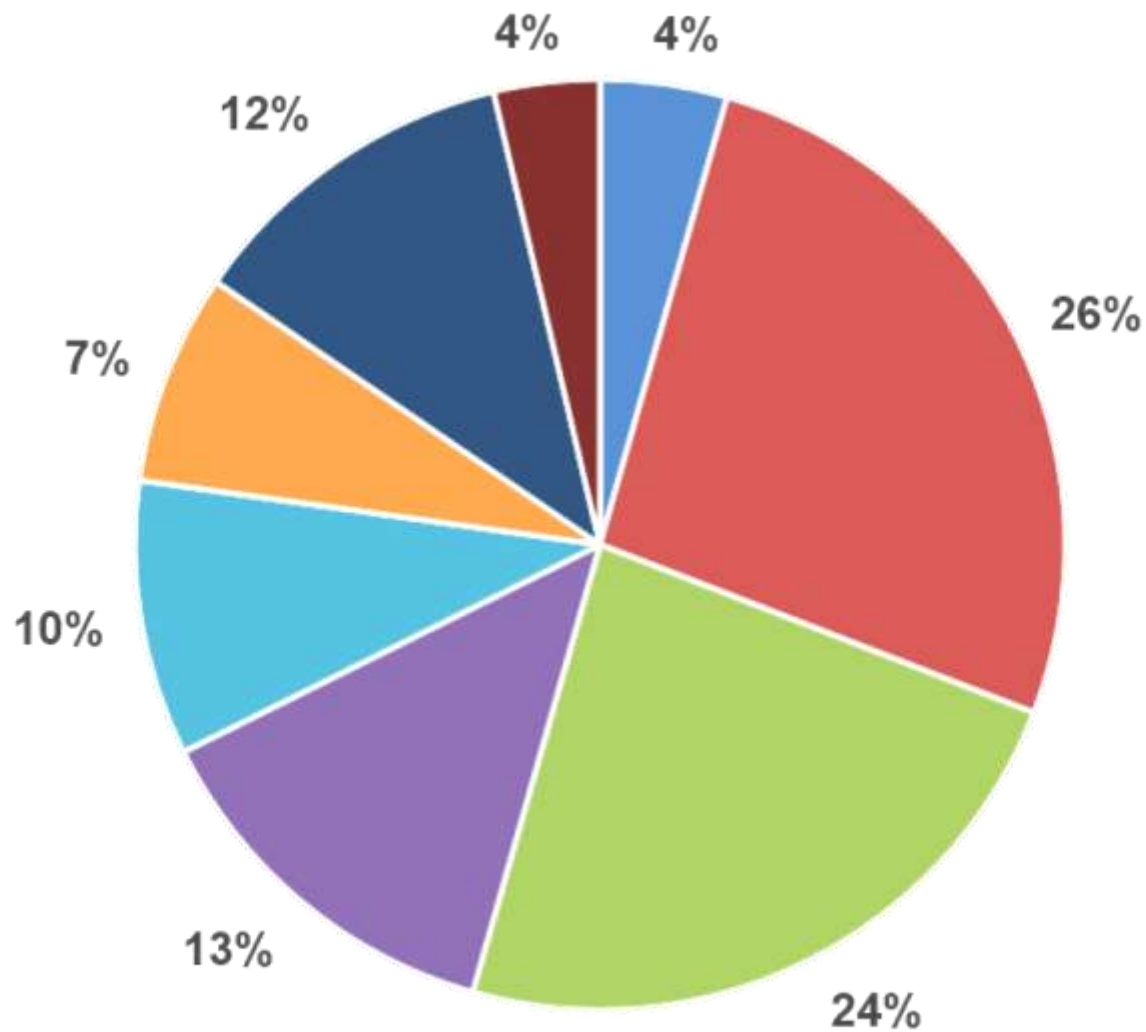
36% noted male-to-male sexual contact as a transmission category for those noted as male sex at birth

55% of new cases of HIV were in persons age 30 and under

Cuyahoga Epidemiological Summary 2023

- Most affected areas:
- 44102, 44105, 44110, 44146

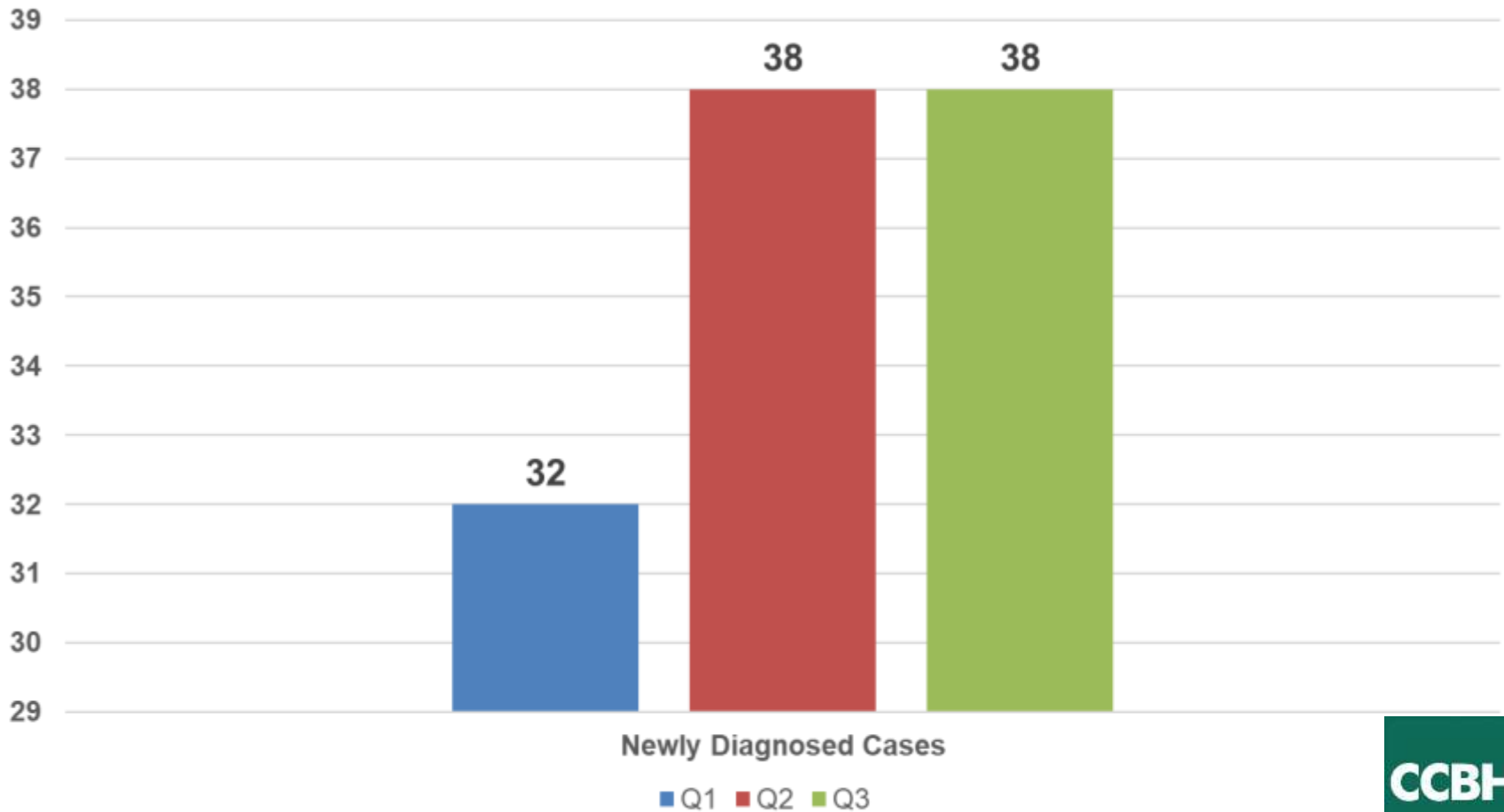
HIV Diagnosis by Age



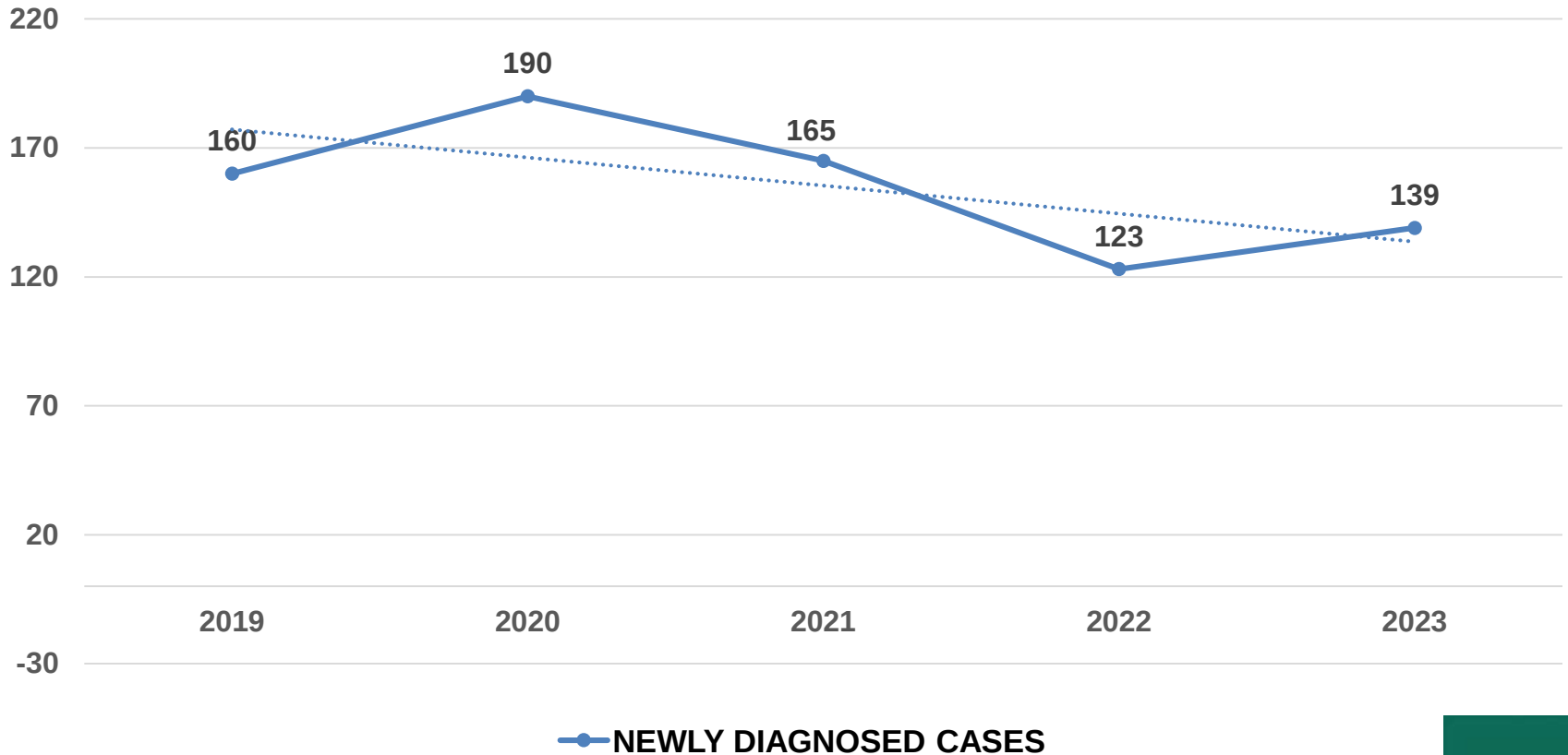
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■ 15-19 ■ 20-24 ■ 25-29 ■ 30-34 ■ 35-39 ■ 40-44 ■ 45-54 ■ 55-64

HIV Data by Quarter



Five-Year HIV Incidence



Cuyahoga Epidemiological Summary 2023

776 new cases of Syphilis

70% male at birth

60% were among persons who are
Black/African American

Cuyahoga Epidemiological Summary 2023

43% of new cases had previous history of a STI

24% of new cases were HIV-positive

Most affected groups:

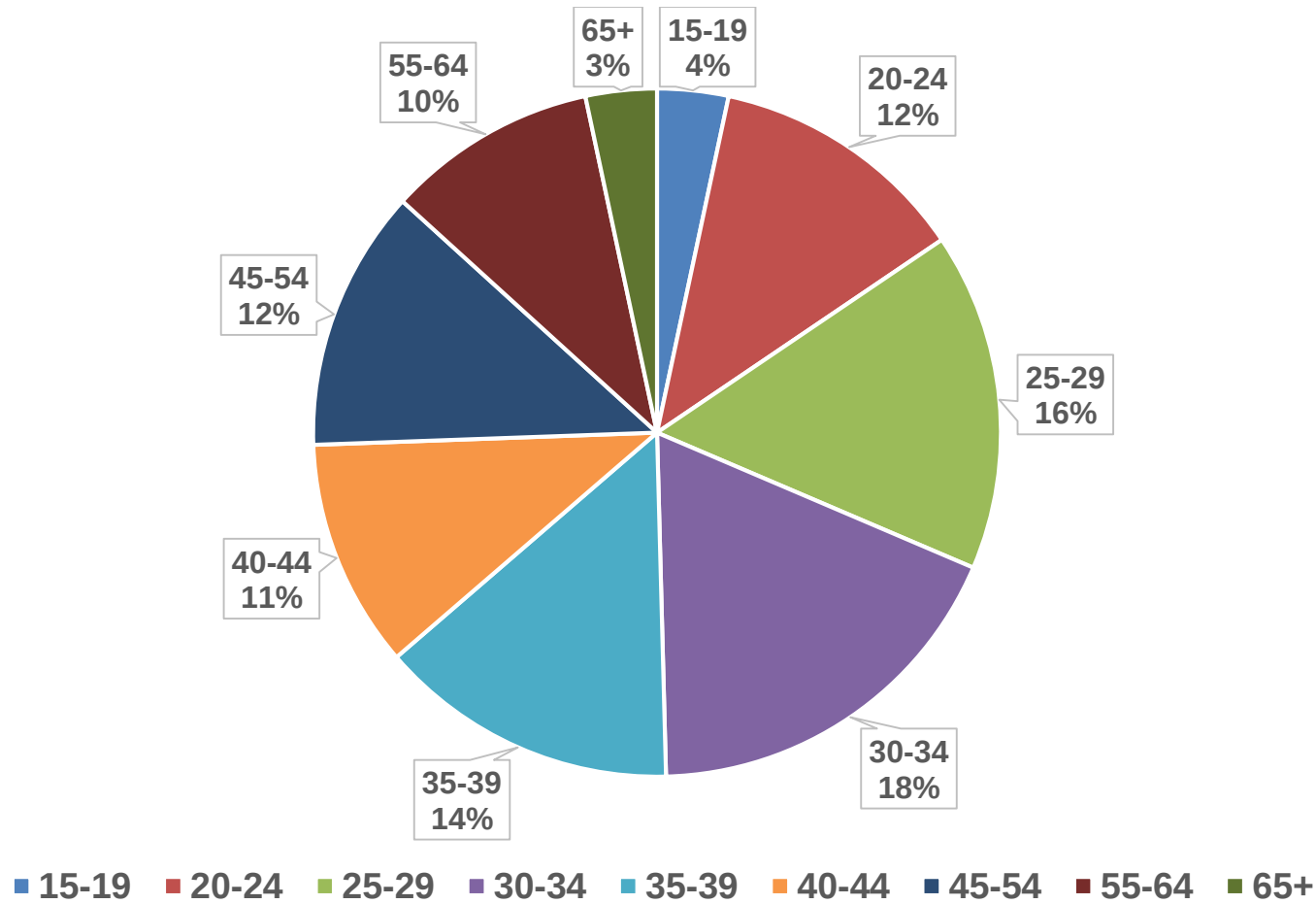
30-34 years-old

25-29 years-old

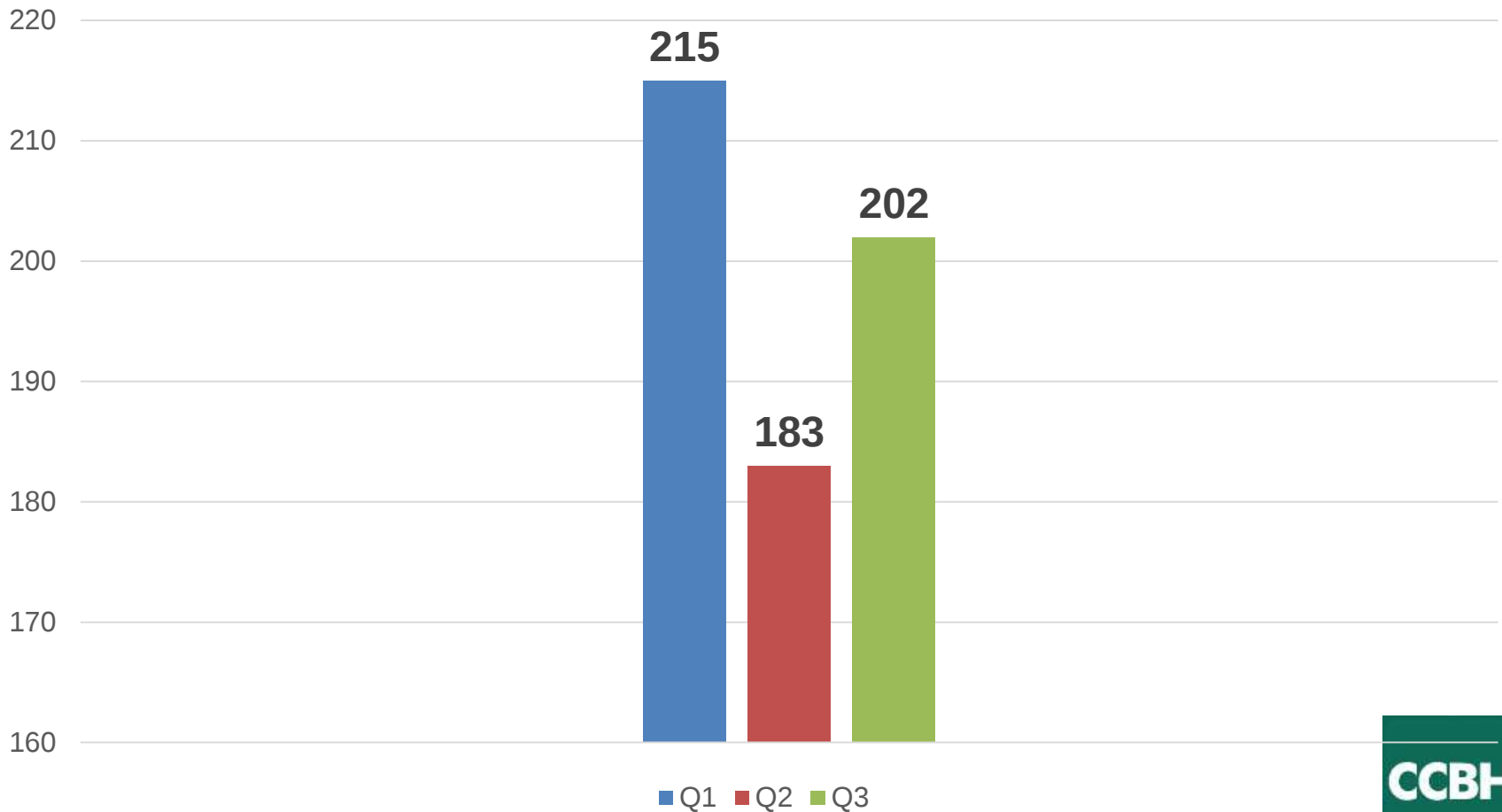
Cuyahoga Epidemiological Summary 2023

- Most affected areas:
- 44102, 44105, 44109, 44128

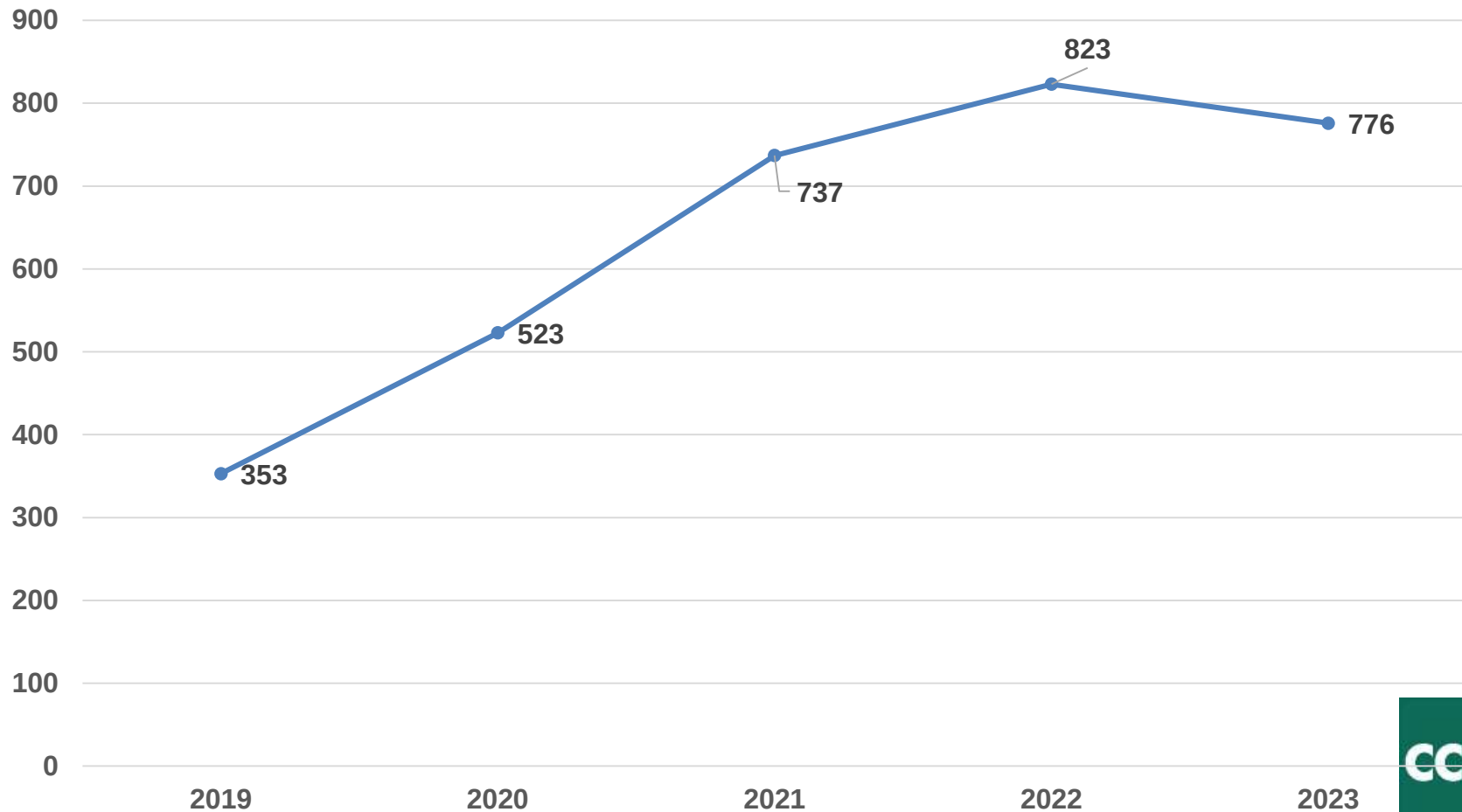
Syphilis Data by Age



Syphilis Data by Quarter



Five-Year Syphilis Incidence



Cuyahoga Epidemiological Summary 2023

4,128 new cases of Gonorrhea

57% male at birth

74% were among persons who are
Black/African American

56% resided within the City of Cleveland
at the time of diagnosis



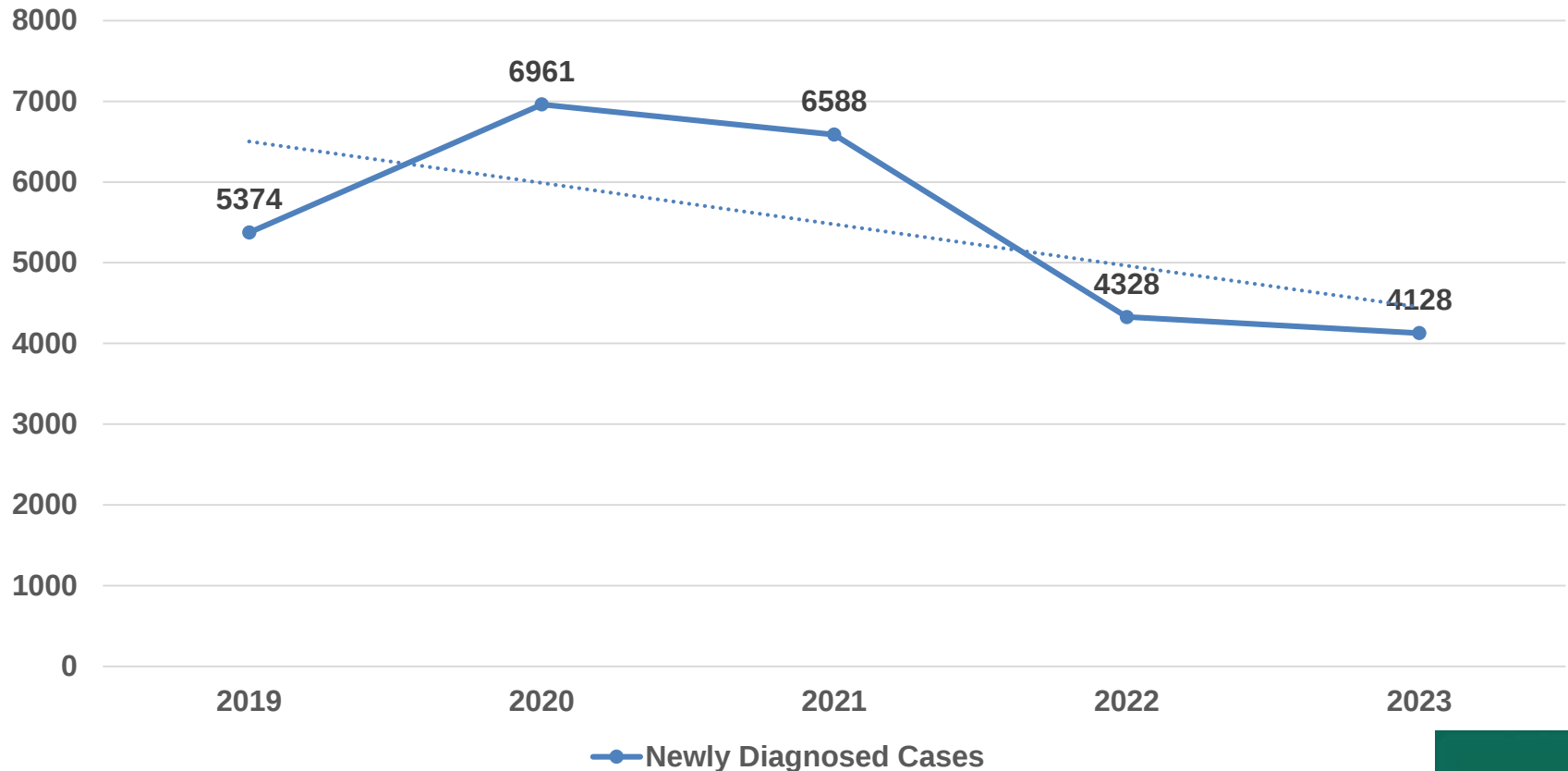
2023 Cuyahoga Epidemiological Summary

Females between the ages of 18-29 are disproportionately affected

In recent years, there has also been an increase in the number of infections among those under 18 years of age

Five-Year Gonorrhea Incidence

Newly Diagnosed Cases



Cuyahoga Epidemiological Summary 2023

9,625 new cases of Chlamydia

63% female at birth

43% being Black/African American

37% male at birth

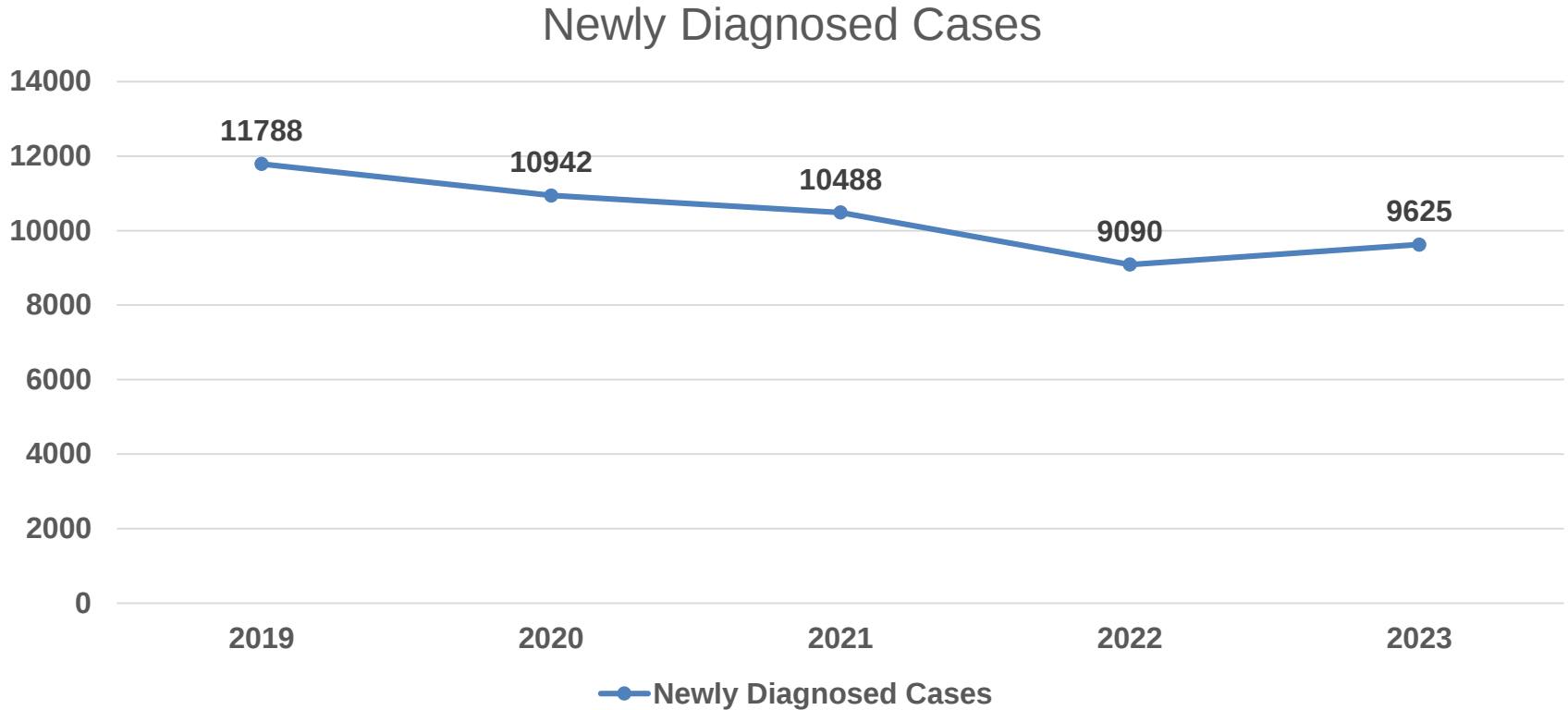
14% among persons who are White

Cuyahoga Epidemiological Summary 2023

Females between the ages of 18-29
were disproportionately affected

The average age of new cases was
24 years-old

Five-Year Chlamydia Incidence



Prevention & Reduction Strategies

Open Communication

Discuss sexual history, boundaries, and preferences with partners

Use Protection

Always use condoms or dental dams during oral, vaginal, and anal sex to reduce the risk of STIs and HIV

Prevention & Reduction Strategies

Regular Testing

Get tested for STIs regularly

Encourage your partner to do the same

Consider PrEP

For those at higher risk for HIV, consider talking to a healthcare provider about pre-exposure prophylaxis (PrEP) as an additional preventive measure



Prevention & Reduction Strategies

Limit Partners

Reducing the number of sexual partners can decrease the risk of STI exposure

Educate Yourself

Attend workshops

Seek reliable sexual health information

Stay informed about prevention methods and safe practices

Notes & Limitations

Data is retrieved from the Ohio Disease Reporting System (ODRS)

Please note that all data from ODRS is self-reported by the patient at the time of diagnosis

Notes & Limitations

This information is intended to provide a summary of priority populations

2023 HIV and STI data is still preliminary at this time

CCBH HIV/STI Dashboard

- *This dashboard was developed by the Epidemiology, Surveillance and Informatics (ESI) Service Area in conjunction with the Ryan White Part A, Ending the HIV Epidemic (EHE), and HIV Prevention programs at CCBH. The dashboard provides visualizations of HIV/Sexually Transmitted Infections (STI) epidemiological data and HIV care continuum data for Region 3/Cleveland Transitional Grant Area (TGA) – Ashtabula, Cuyahoga, Geauga, Lake, Lorain and Medina counties.*
- [HIV/STI Dashboard – CCBH](#)



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