



# State of the State of HIV

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# Outline

- **Current epidemiology of HIV in Tennessee**
- **Continuum of Care**
- **Impact of COVID-19**



# Current Epidemiology of HIV in Tennessee

# Status of HIV in TN 2019

**17,864**

**Persons living with HIV  
(PLWH)**

**776**

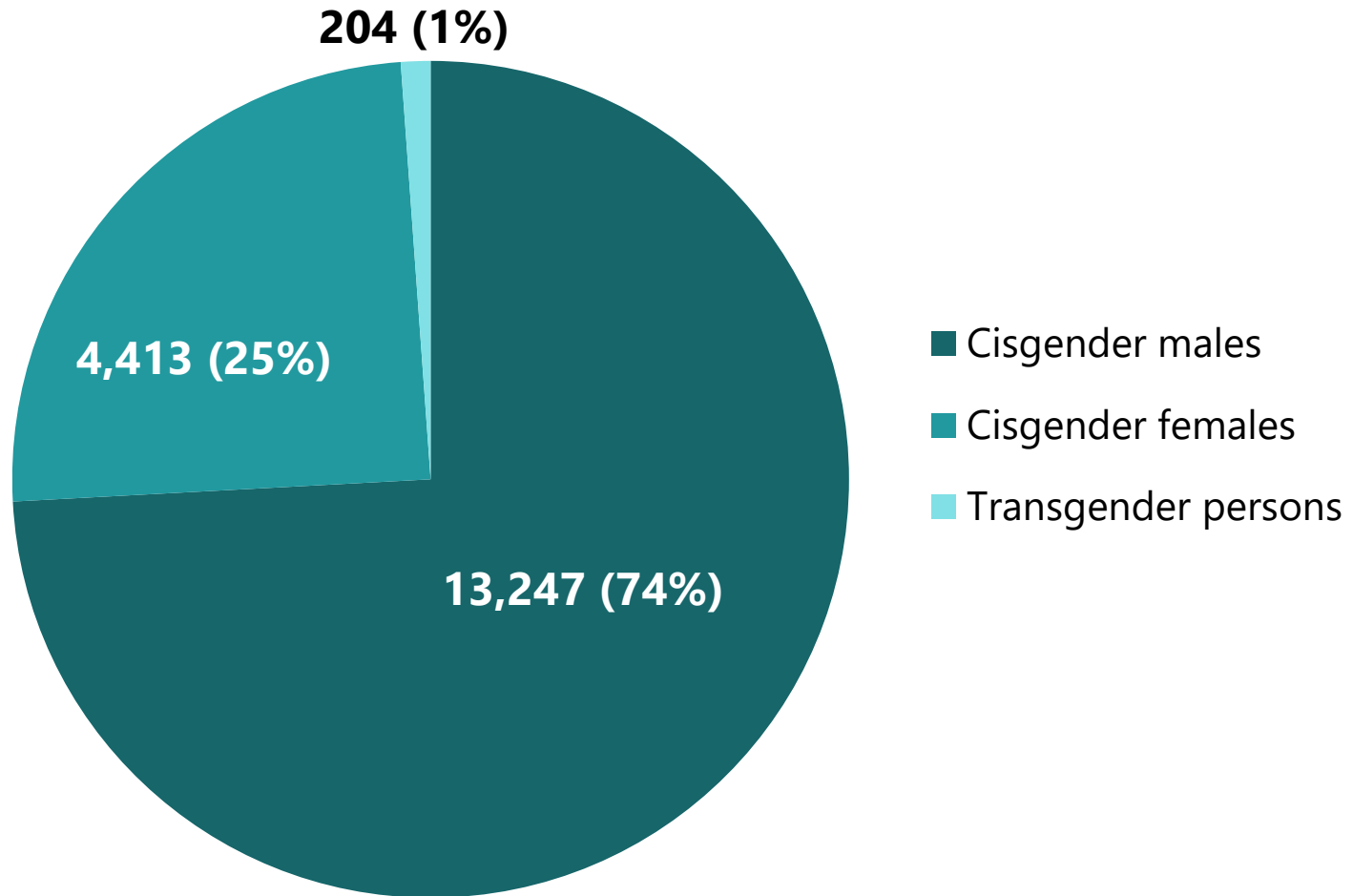
**Persons newly diagnosed with  
HIV**

**339**

**Deaths among persons  
living with HIV (2018)**

Data source: Tennessee eHARS, accessed October 2020

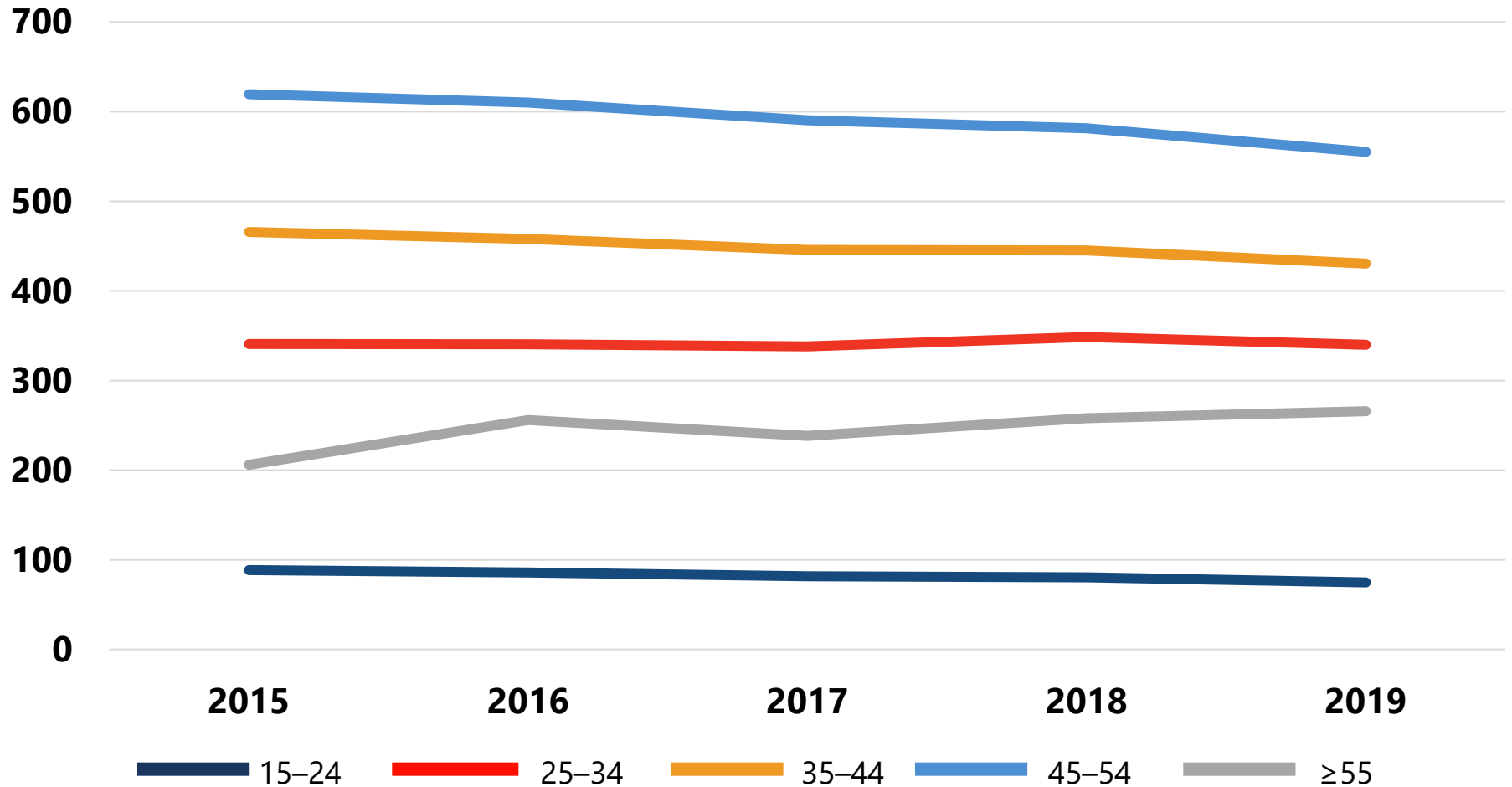
# PLWH by gender, TN 2019



Data source: Tennessee eHARS, accessed October 2020

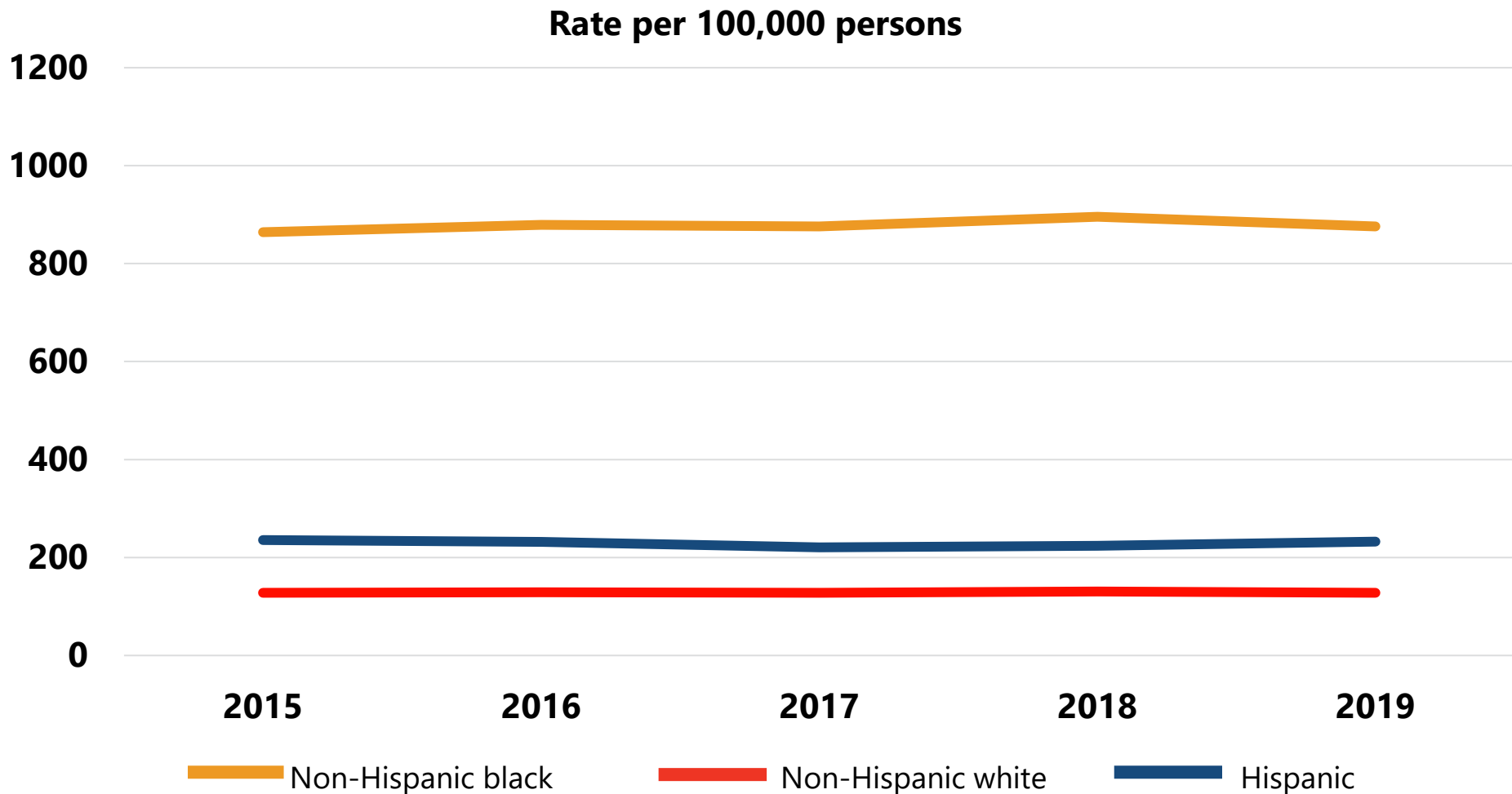
# Persons living with HIV by age group, Tennessee, 2015–2019

Rate per 100,000 persons



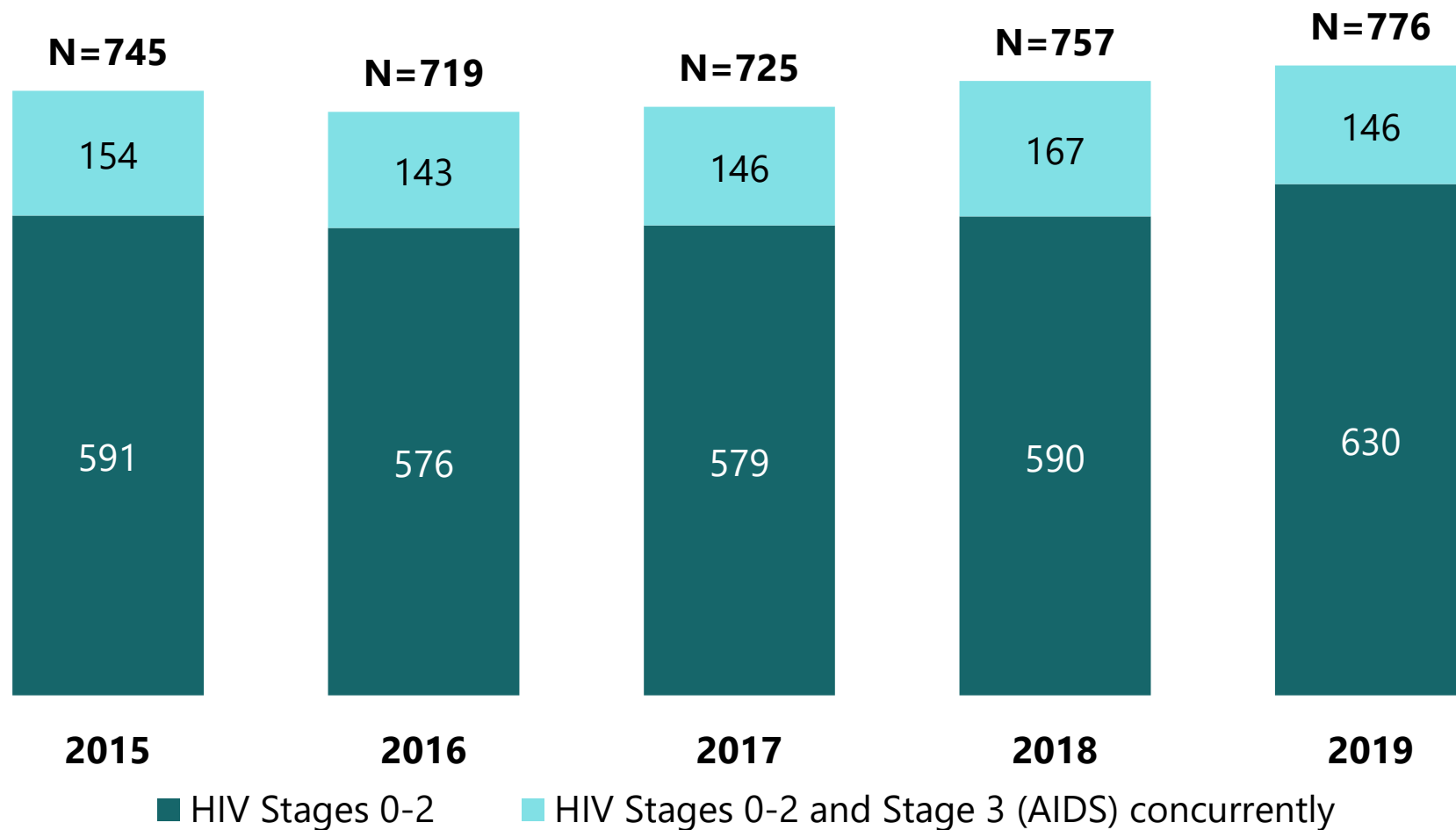
Data source: Tennessee eHARS, accessed October 2020

# Persons living with HIV by race/ethnicity, Tennessee, 2015–2019



Data source: Tennessee eHARS, accessed October 2020

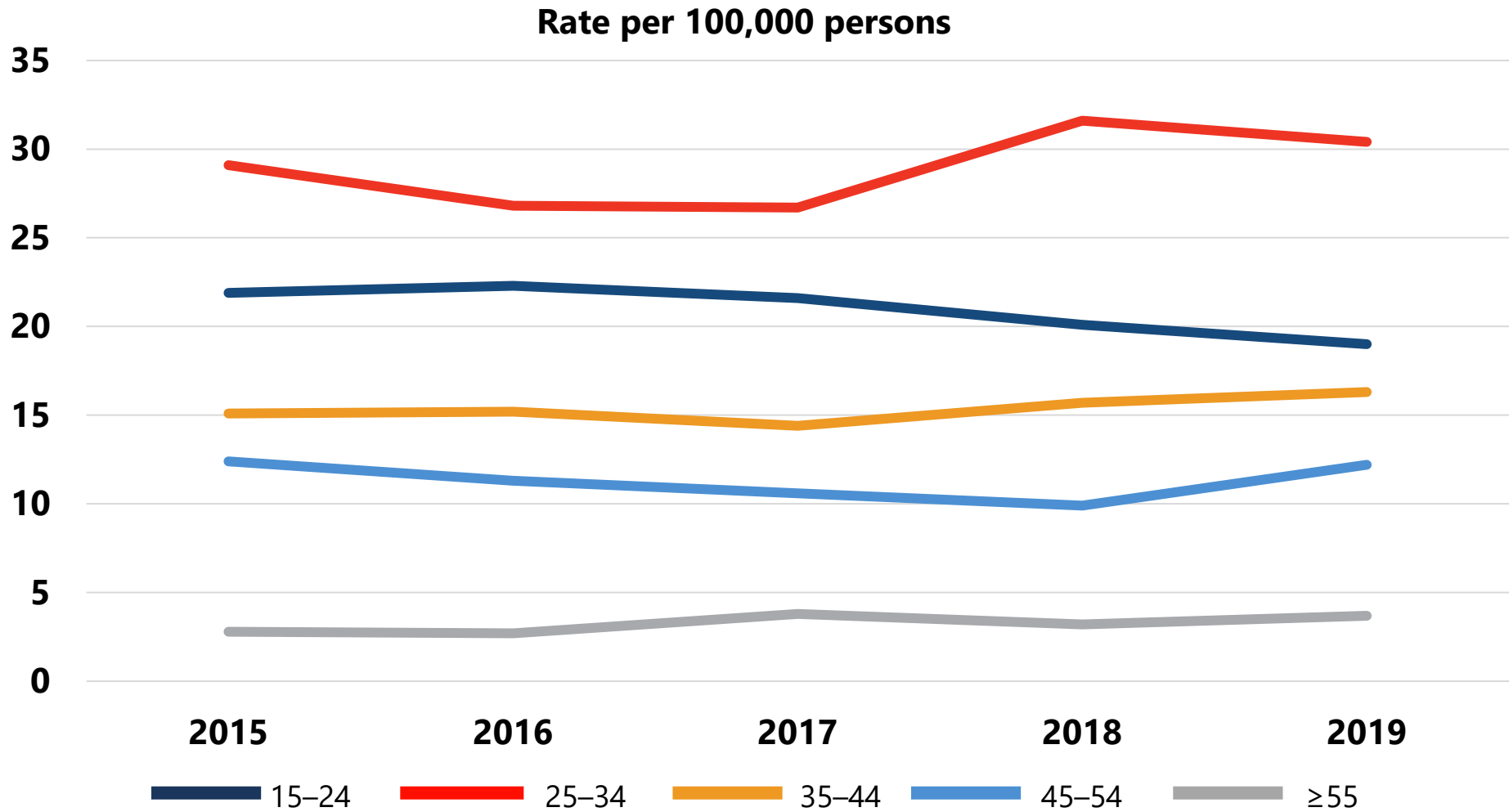
# Persons newly diagnosed with HIV, by stage within 12 months of diagnosis, Tennessee, 2015–2019



Data source: Tennessee eHARS, accessed October 2020

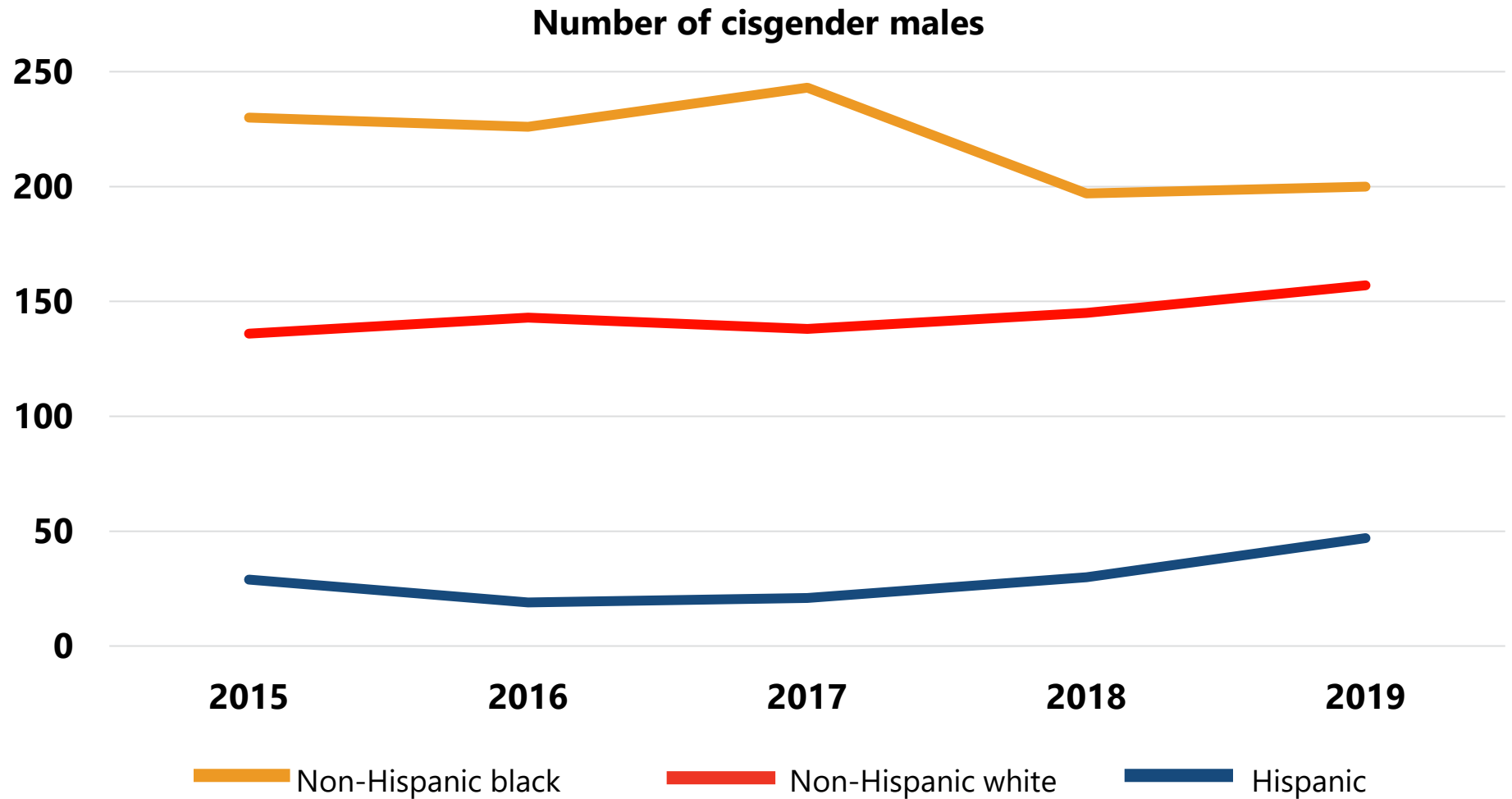


# Persons newly diagnosed with HIV by age group, Tennessee 2015–2019



Data source: Tennessee eHARS, accessed October 2020

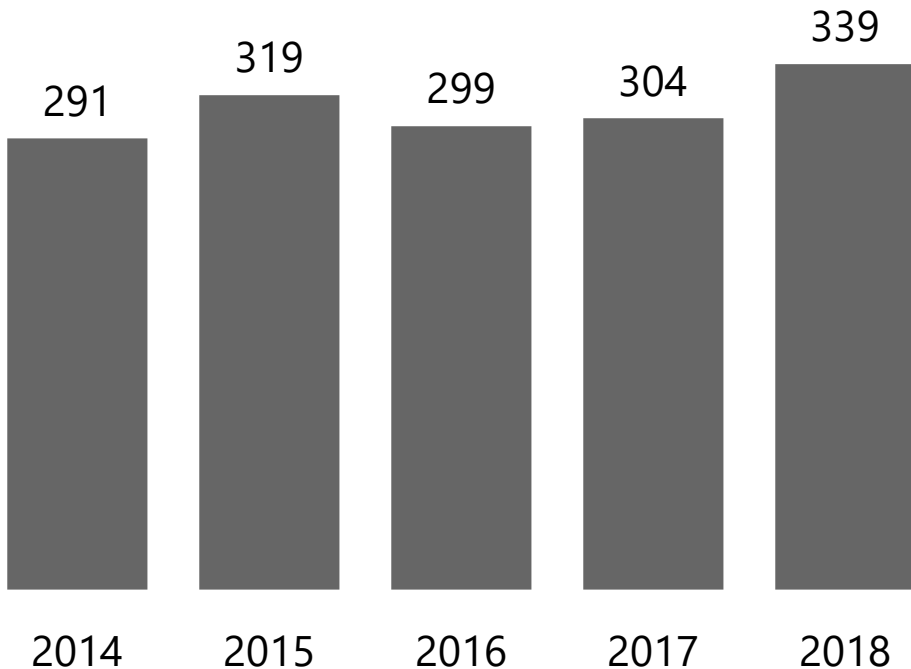
# Males newly diagnosed with HIV reporting male-to-male sexual contact by race/ethnicity — Tennessee 2015–2019



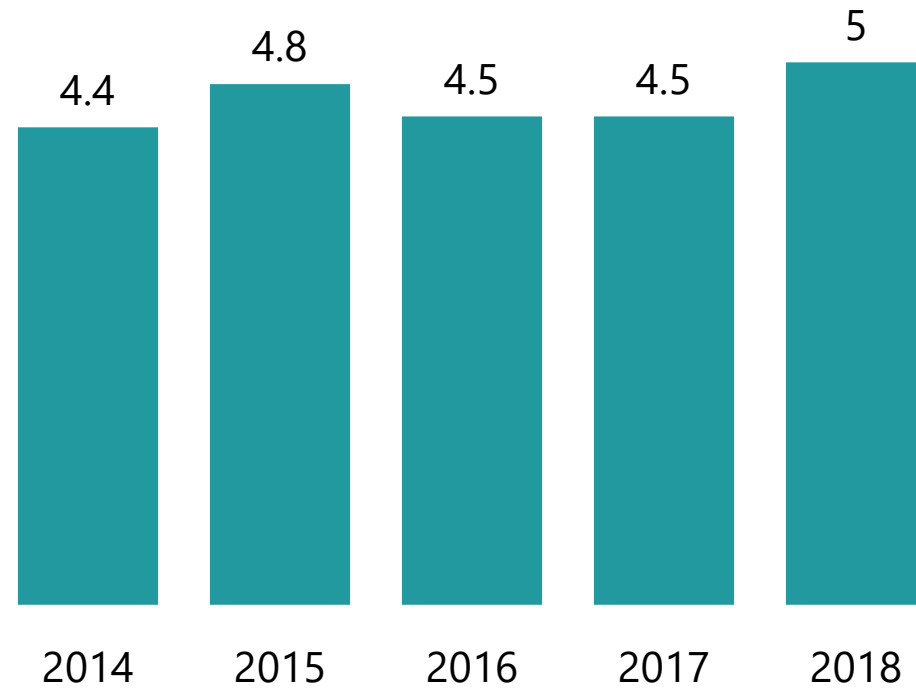
Data source: Tennessee eHARS, accessed October 2020

# Deaths Among Persons Diagnosed with HIV, Tennessee 2014–2018

Number of deaths



Death rate per 100,000 persons



Data source: Tennessee eHARS, accessed October 2020

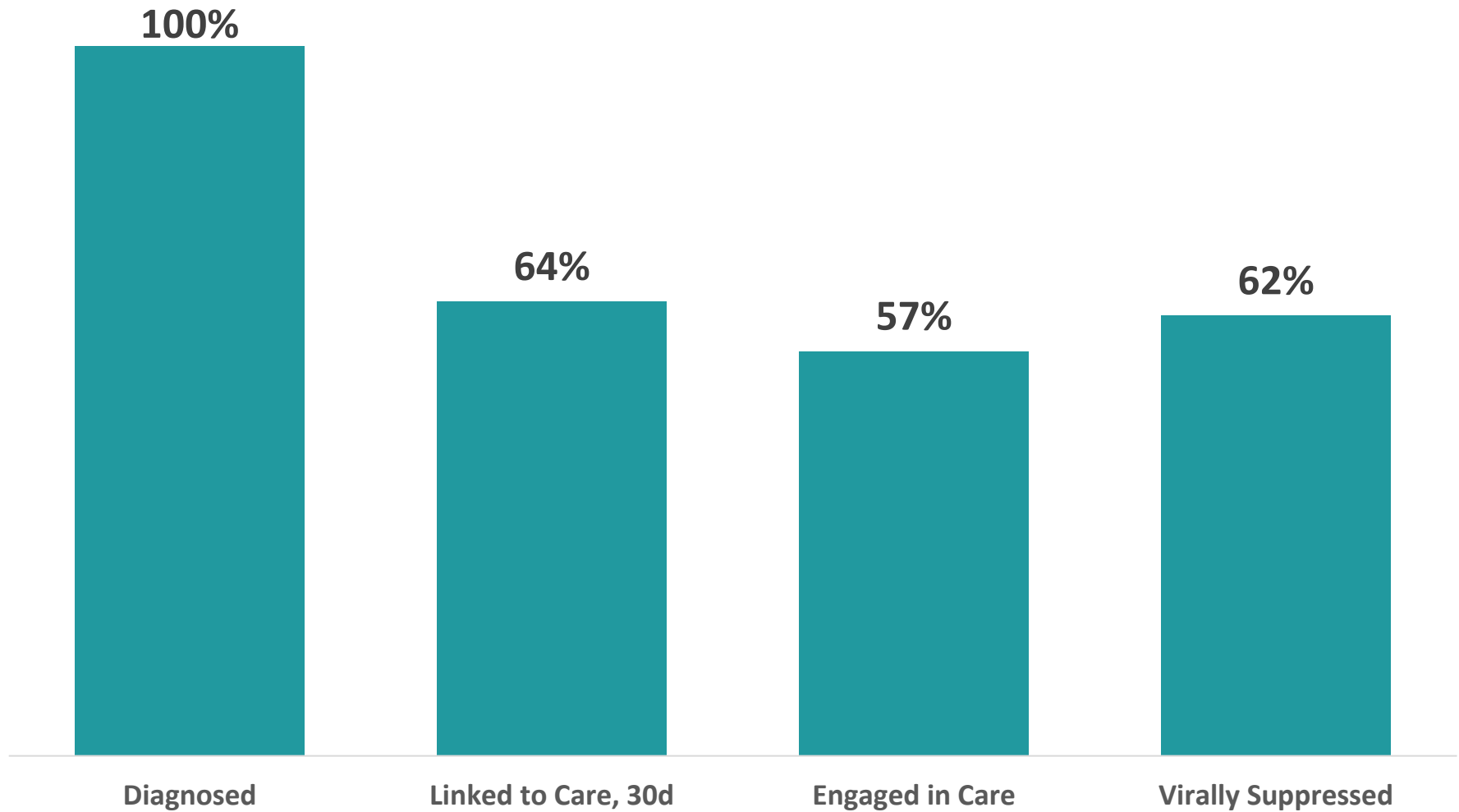


# Continuum of Care

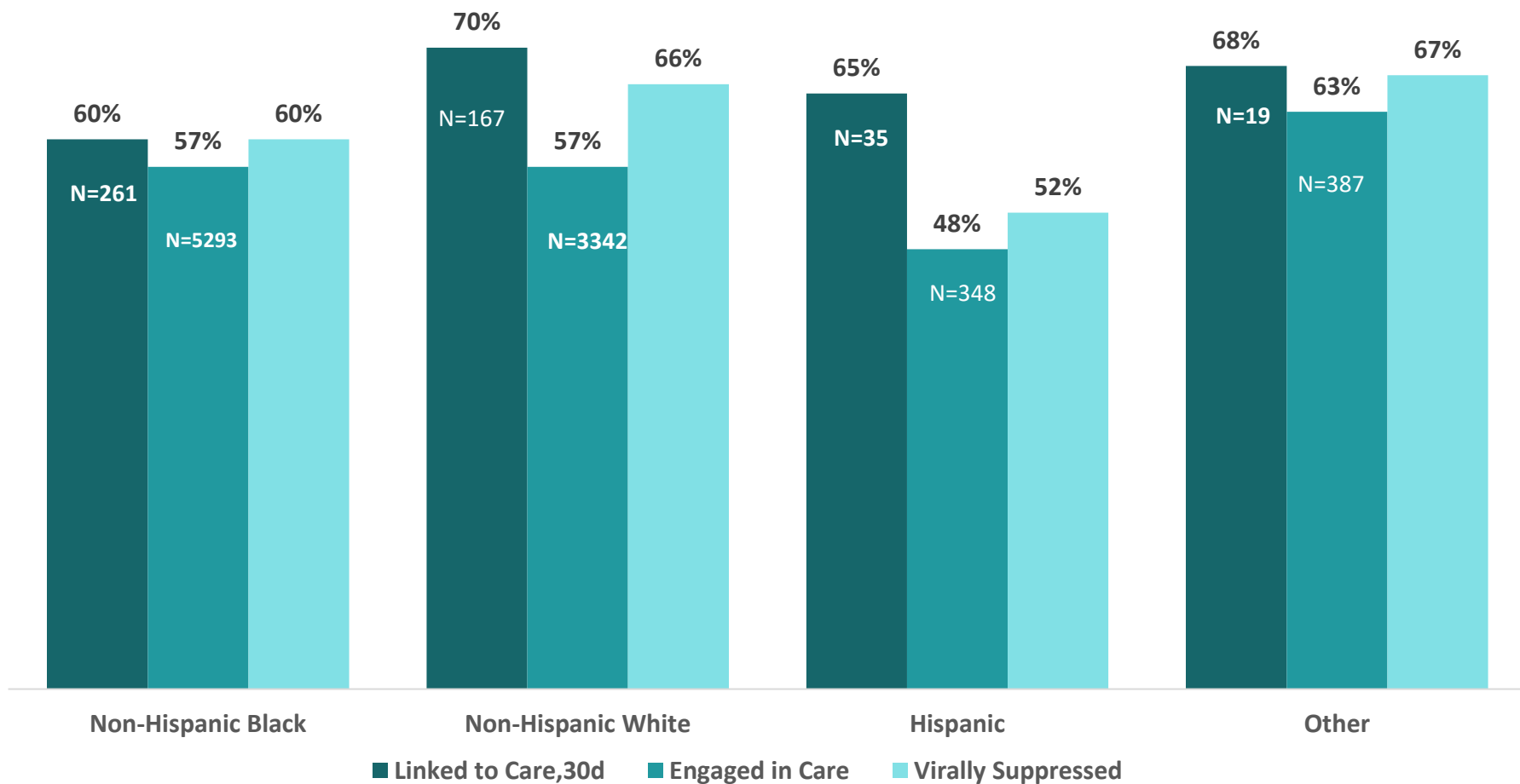
# HIV Continuum of Care Metrics Tennessee, 2018

- **Diagnosed:** Living with diagnosed HIV in TN at end of 2018
- **Linked to Care:** Among newly diagnosed in 2018,  $\geq 1$  CD4 or viral load result within 30 days after HIV diagnosis
- **Engaged in Care:** Among those diagnosed with HIV before 2018 and living with diagnosed HIV in TN at end of 2018,  $\geq 2$  CD4 and/or viral load results  $\geq 3$  months apart
- **Virally Suppressed:** Among those living with diagnosed HIV in TN at end of 2018,  $\geq 1$  viral load result in 2017, and  $\geq 1$  viral load result in 2018 with the last  $\leq 200$  copies/mL

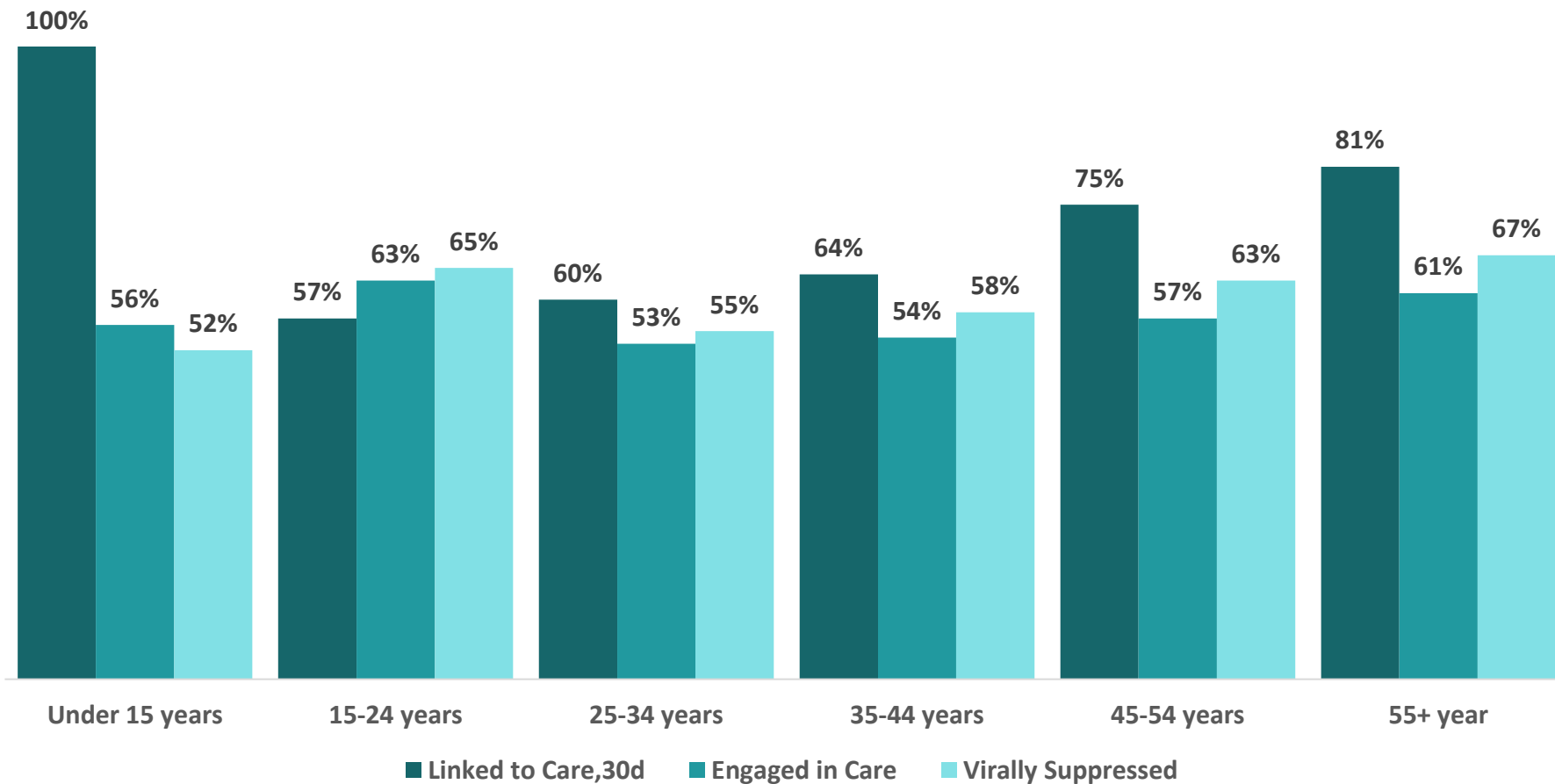
# Continuum of Care, Tennessee, 2018



# Continuum of Care, Tennessee, 2018: by Race/Ethnicity

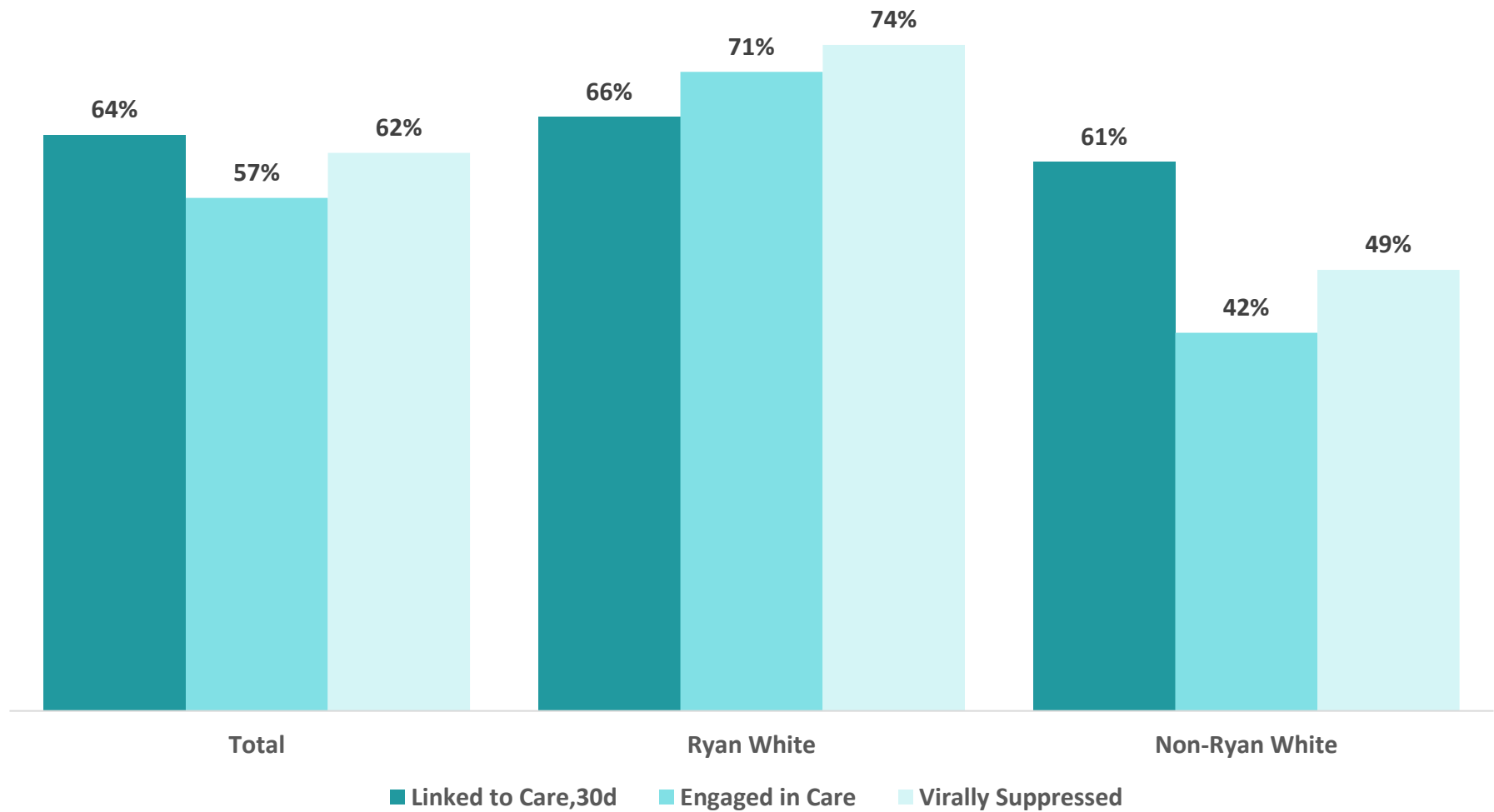


# Continuum of Care, Tennessee, 2018: by Age Category

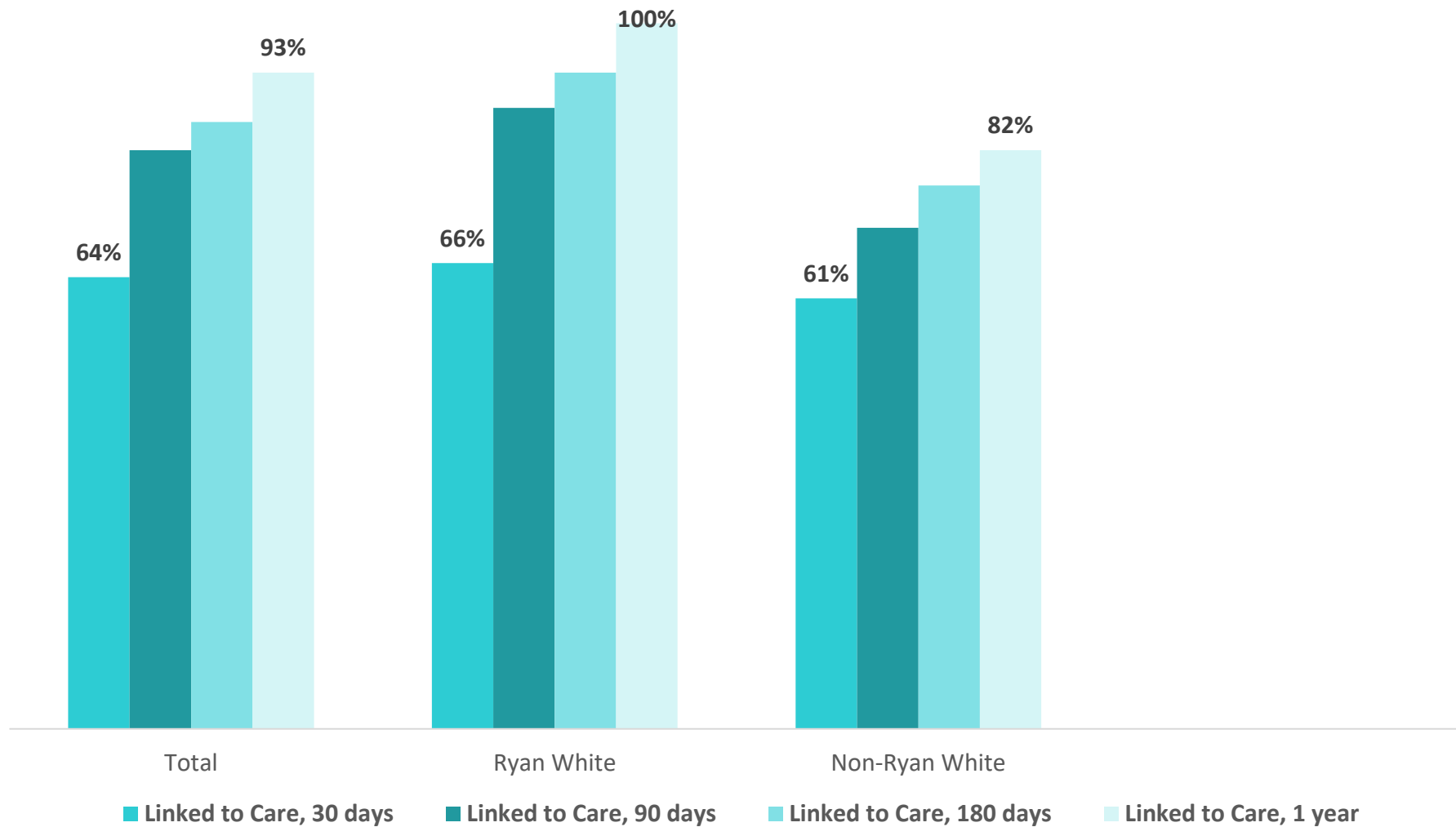




# Continuum of Care, Tennessee, 2018: by Ryan White Status



# Linked to Care, Tennessee, 2018: by Ryan White Status





**COVID-19**

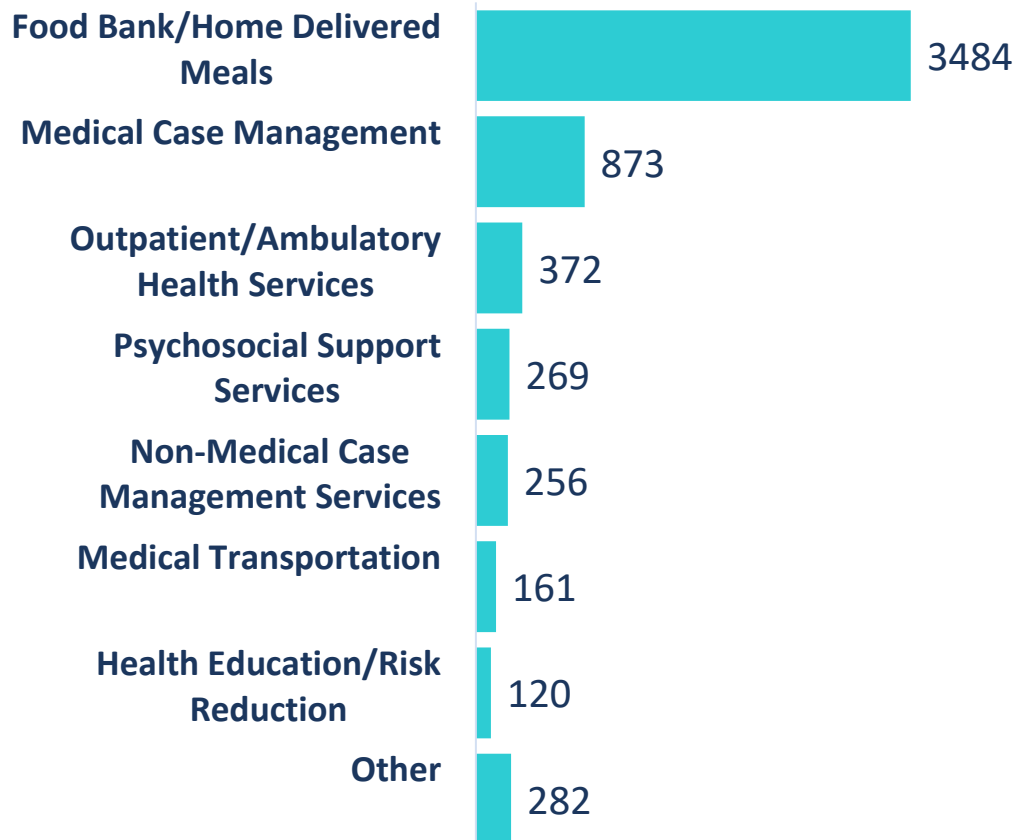


# Coronavirus Aid, Relief and Economic Security Act (CARES Act)

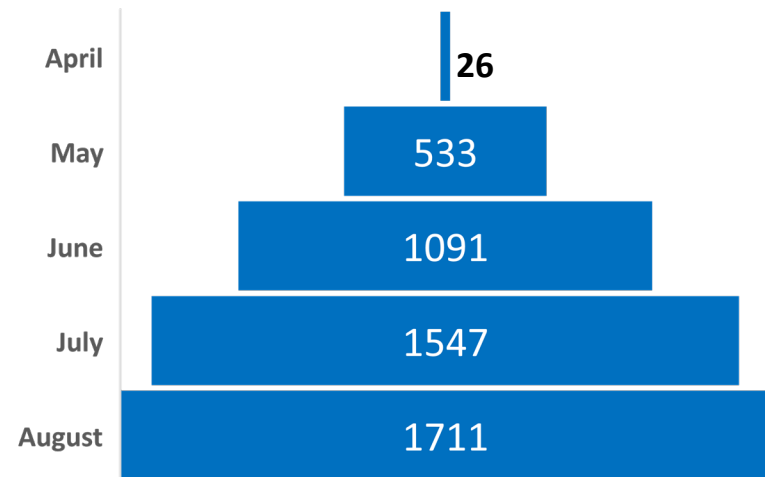
- 2020 CARES Act provides one-time funding to help current Ryan White HIV/AIDS Program (RWHAP) recipients prevent, prepare for, and respond to COVID-19.
- HRSA awarded a total of **\$24,500,000** in funding for Ryan White HIV/AIDS Program Part B Recipients.
- Tennessee received \$860,468

# Program Update: CARES Act/COVID-19

Number of clients served through CARES Act funds, by service category, April-August 2020



Number of clients served through CARES Act funds, by month, April-August 2020



14 of 19 agencies receiving Ryan White Part B CARES Act funds are providing telehealth services

Other includes: Early Intervention Services (EIS) Substance Abuse Outpatient Care Outreach Services Substance Abuse Services (residential) Home and Community-Based Health Services Housing Emergency Financial Assistance Referral for Health Care and Support Services





# COVID-19 and Ryan White Part B (Mar–Sept. 2020)

- **892 clients tested**
- **805 (90%) tested negative**
- **87(10%) tested positive**



# TDH-CBO Home HIV Testing Program

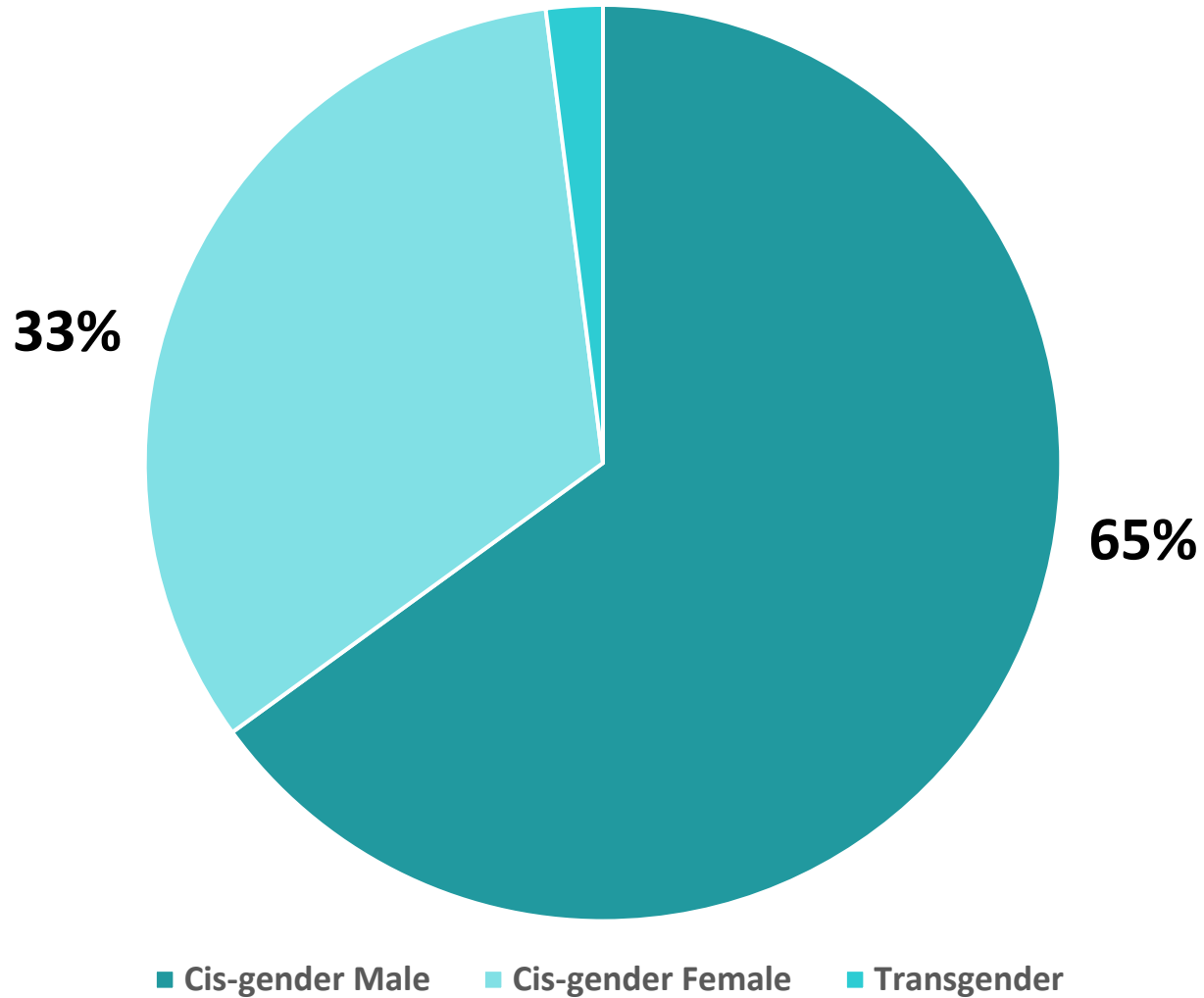
- Established TDH rapid HIV testing partners asked about interest in receiving home HIV test kits for clients
- Interested agencies received home HIV testing kits, based on anticipated client volume
- Agencies used social media to promote availability of tests
- Clients were able to test alone or via chat video with agency staff

# Home HIV Testing (April–Sept 2020)

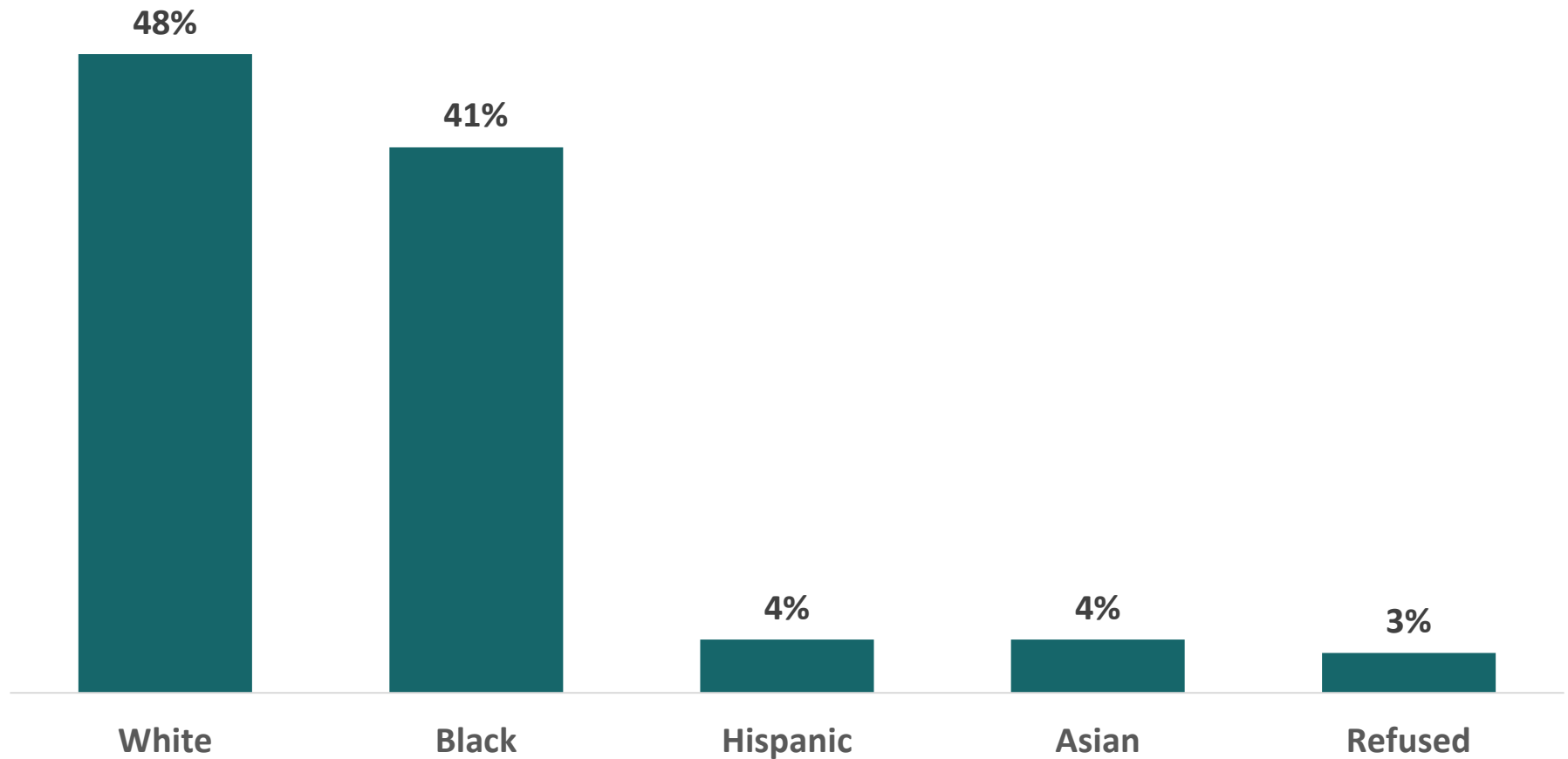
Location	Number of Tests	Number of Positives
Chattanooga	105	0
Columbia	4	0
Memphis	42	1 (previous)
Nashville	110	3 new diagnoses



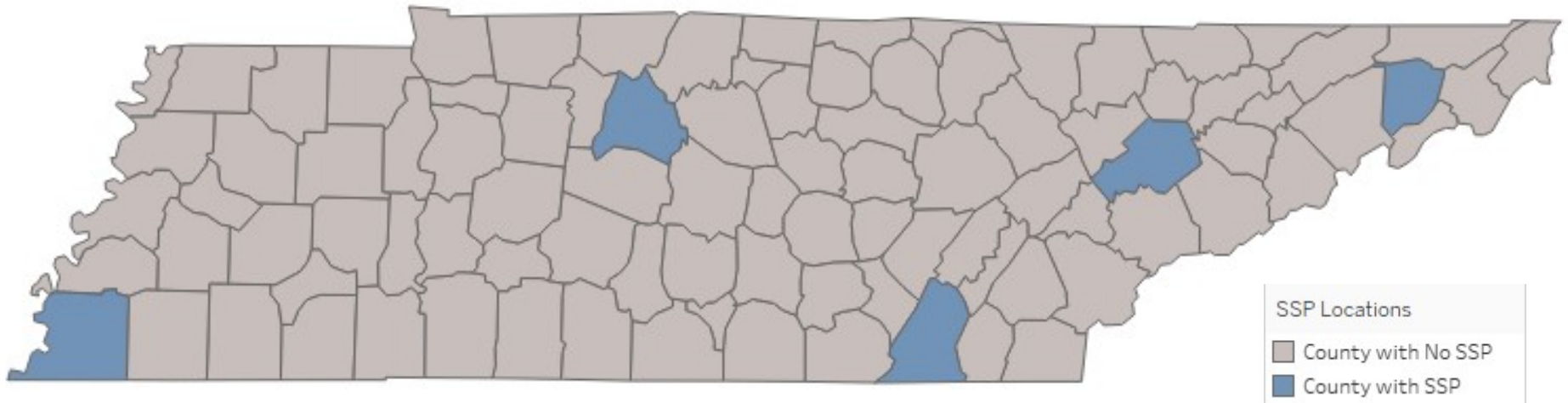
# Home HIV Testing- Gender



# TDH-CBO Home HIV Testing Clients, by Race/Ethnicity



# SSP Locations as of September 2020



# COVID-19 SSP Response (April 2020)

Agency	Operating Location(s)	Pre COVID-19 Services Offered	Changes to Services Provided (April 2020)
<b>A Betor Way</b> (mobile)	Memphis: 1	HIV testing, naloxone distribution, meal/snacks	No HIV testing, social distancing, no meals/snacks, decreased volunteers
<b>Cempa Community Care</b> (fixed, clinic-based)	Chattanooga: 1 Johnson City: 1	HIV/HCV testing, naloxone distribution	Chattanooga: Limited operating hours (Mondays 10-3 & Fridays 9-1), no HIV/HCV testing, temperature checks at door, use of PPE, decreased staff  Johnson City: Temporarily closed
<b>Choice Health Network</b> (mobile)	Knoxville: 1	HIV/HCV testing, naloxone distribution, wound care kits	Appointment only, social distancing, no HIV/HCV testing, decreased staff
<b>Memphis Area Prevention Coalition</b> (mobile)	Memphis: 1	Naloxone distribution	Social distancing, use of PPE
<b>Street Works</b> (mobile & fixed)	Nashville: 1	HIV/HCV testing, naloxone distribution	Limited operating hours, social distancing, no HIV/HCV testing

# SSP (Feb 2018–Sept 2020)

- ❑ Needles and syringes distributed: **3,010,115**
- ❑ Needles and syringes returned: **2,151,767**
- ❑ Naloxone kits distributed: **91,489**

\*Data representative of TDH funded SSPs (do not include Memphis/Shelby County SSPs)

# SSP Testing Outcomes (Feb 2018–Sept 2020)

	Tests performed	Positive test results	
Test type	N	N	%
HIV	2,393	24	1.0
HCV	2,023	861	42.6

# Takeaways

- The demographics of those people newly diagnosed and living with HIV in Tennessee remains largely unchanged
- Continued efforts are needed to improve linkage to care, engagement in care and viral suppression among those living with HIV
- COVID-19 has changed HIV Prevention and RWPB programs and how we provide services

# Open Enrollment for Ryan White Clients



**Open Enrollment for  
2021 coverage starts**

**November 1**

Health  
Care  
.gov

- **Open Enrollment runs from November 1 through December 15, 2020.**
- **Coverage starts January 1, 2021.**



# Thank You!

## **TDH - HIV**

**Dr. Meredith Brantley**

**Dr. Laurie Mauer**

**Samantha Mathieson**

**Jack Marr**

**Robb Garman**

**Bob Nelson**

## **TDH – Harm Reduction**

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