



# HIPC Data Update 2021

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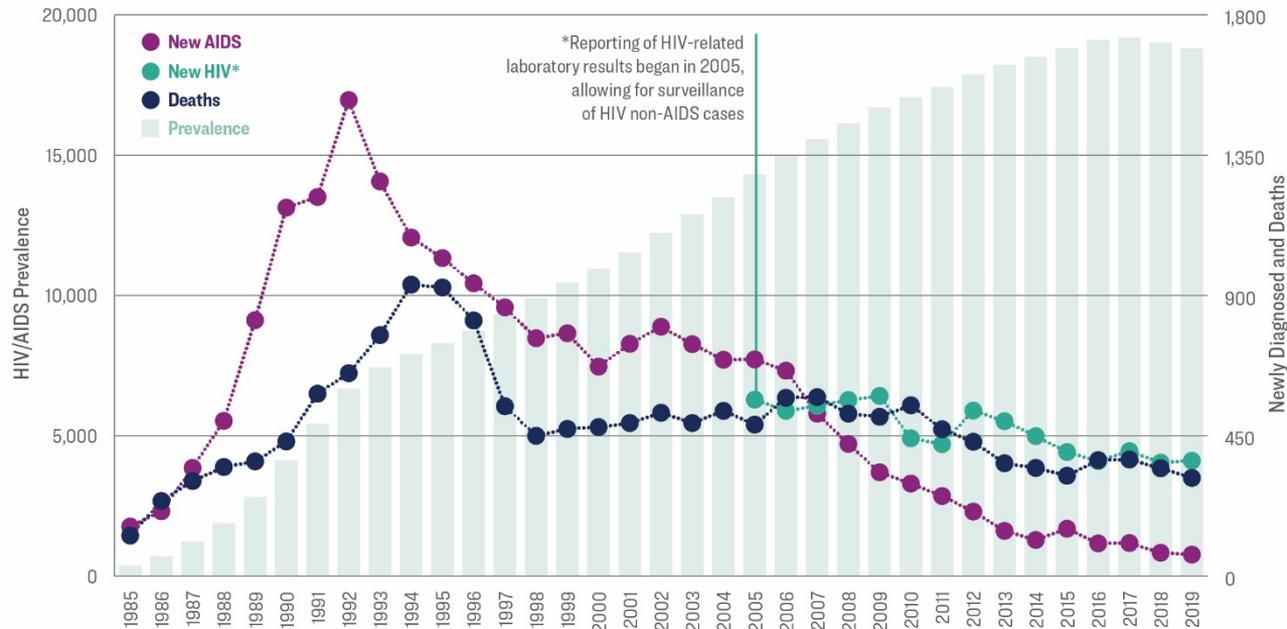


City of  
**Philadelphia**



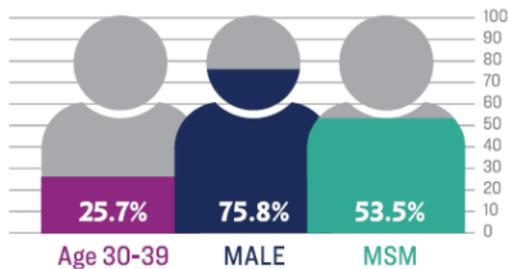
# Data Update

# Philadelphia HIV and AIDS Diagnoses, Deaths and People Living with HIV by Year

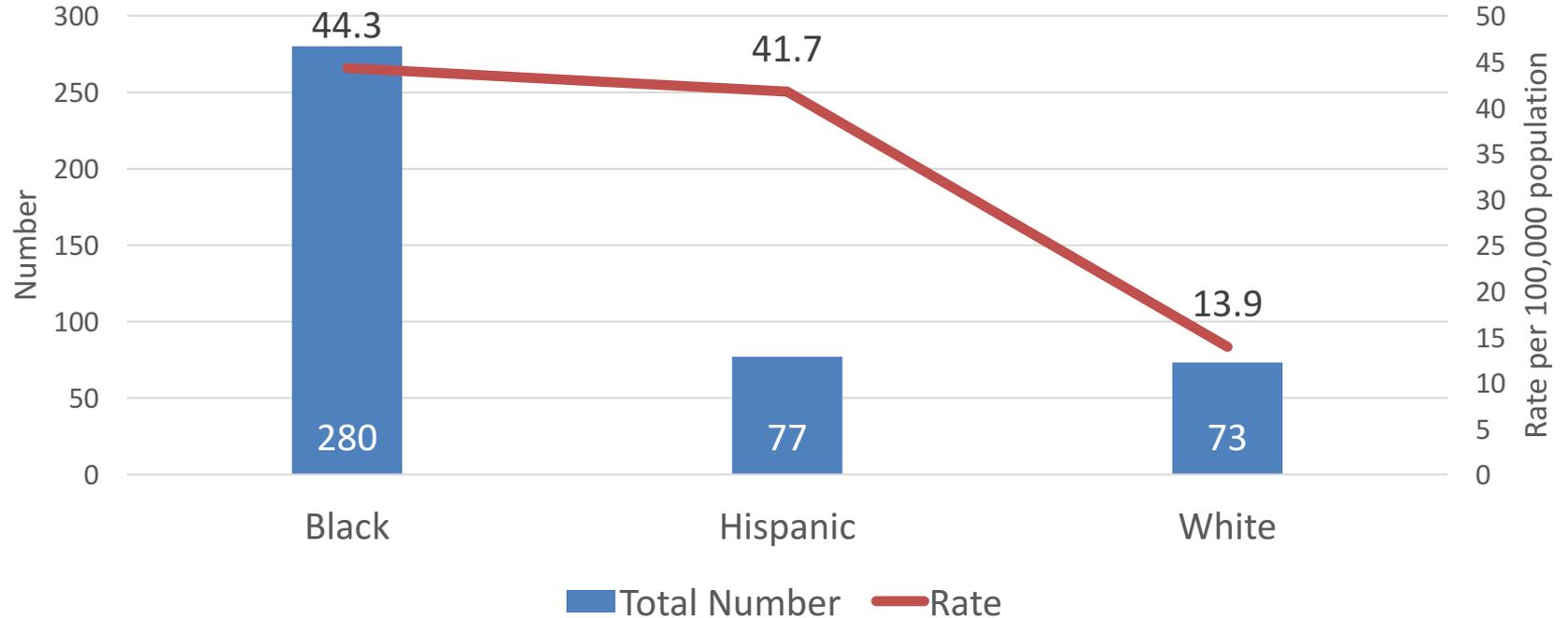


# Philadelphia New HIV Diagnoses, 2019

N=439



# New Diagnosed HIV by Race/Ethnicity, 2019



Source: PDPH/AACO 2020

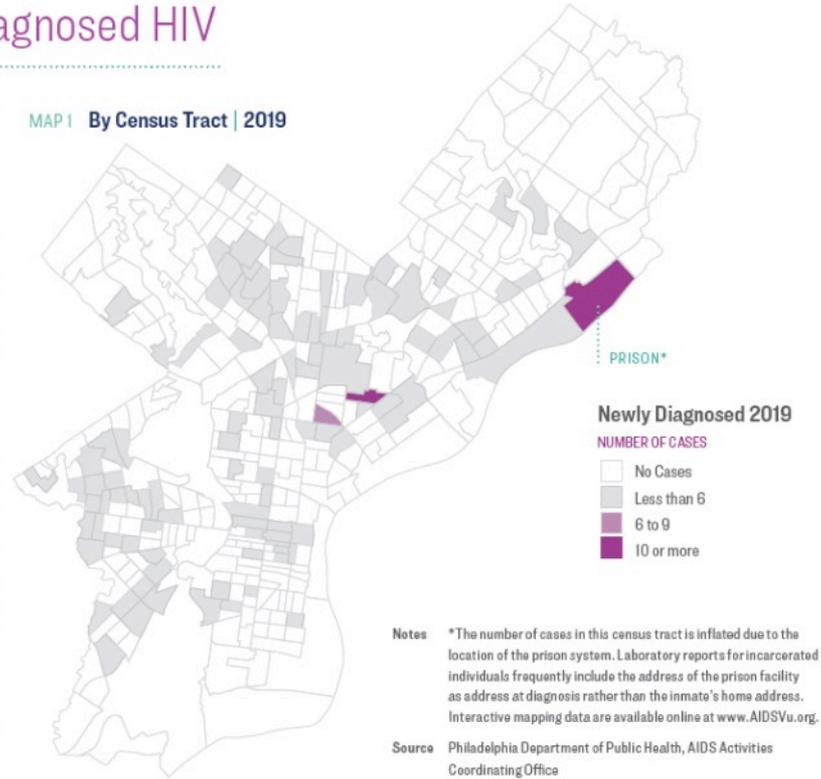
# HIV Diagnoses† by Census Tract, 2019

\*Number of cases in this census tract is inflated due to the location of the Philadelphia Department of Prisons

†HIV diagnoses regardless of AIDS status

## Newly Diagnosed HIV

MAP 1 By Census Tract | 2019





# PWID

151% increase in new  
HIV diagnoses in PWID  
between 2016 to 2019  
(33 to 83 diagnoses)



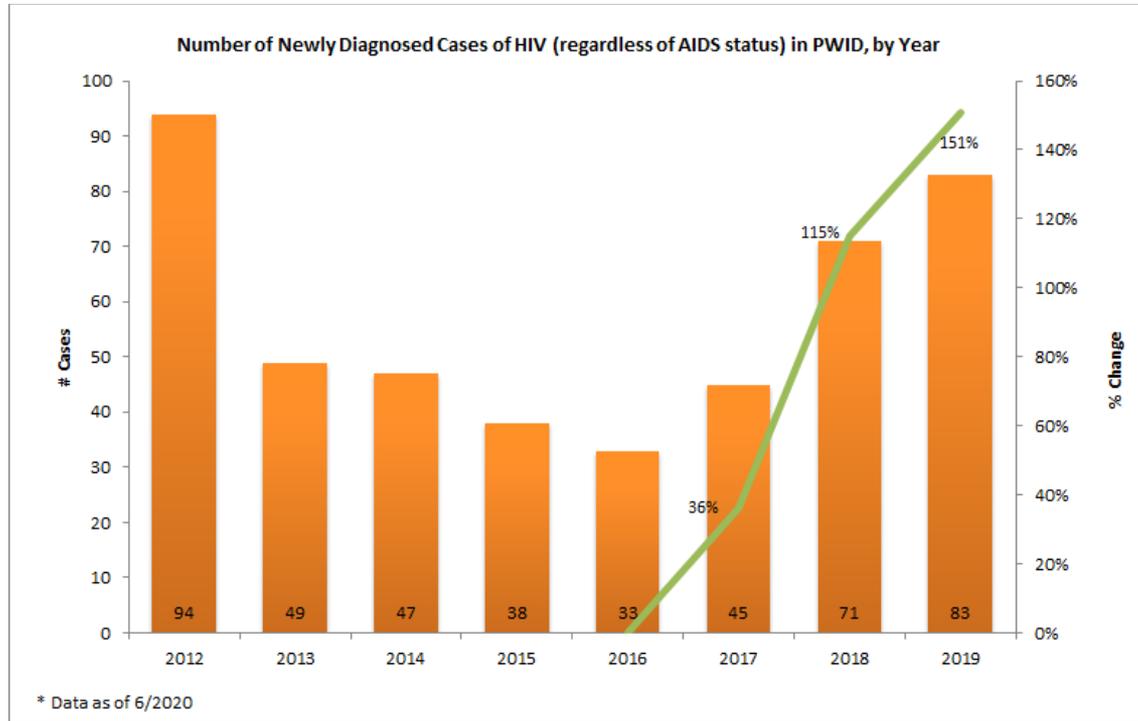
## HIV Continues to Spread Among People Who Inject Drugs

This issue of CHART provides an update on the ongoing HIV outbreak among people who inject drugs in Philadelphia.

### Using Interrupted Time Series Analysis to Measure the Impact of Legalized Syringe Exchange on HIV Diagnoses in Baltimore and Philadelphia

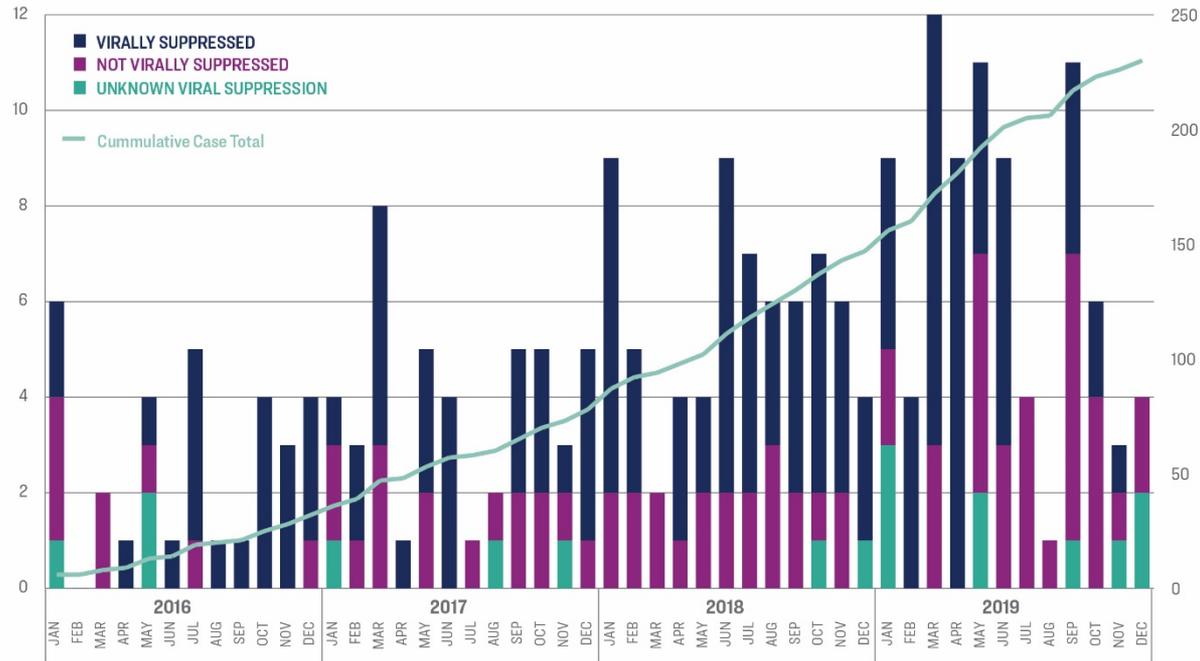
*Monica S. Ruiz, PhD, MPH,<sup>a</sup> Allison O'Rourke, MPH,<sup>b</sup> Sean T. Allen, DrPH, MPH,<sup>c</sup>  
David R. Holtgrave, PhD,<sup>c</sup> David Metzger, PhD,<sup>d,e</sup> Jose Benitez, MSW,<sup>f</sup> Kathleen A. Brady, MD,<sup>g</sup>  
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# New HIV Diagnoses Among PWID



PWID includes  
MSM/PWID

# Current Viral Suppression Status Among PWID by Diagnosis Month



Source: PDPH/AACO 2020



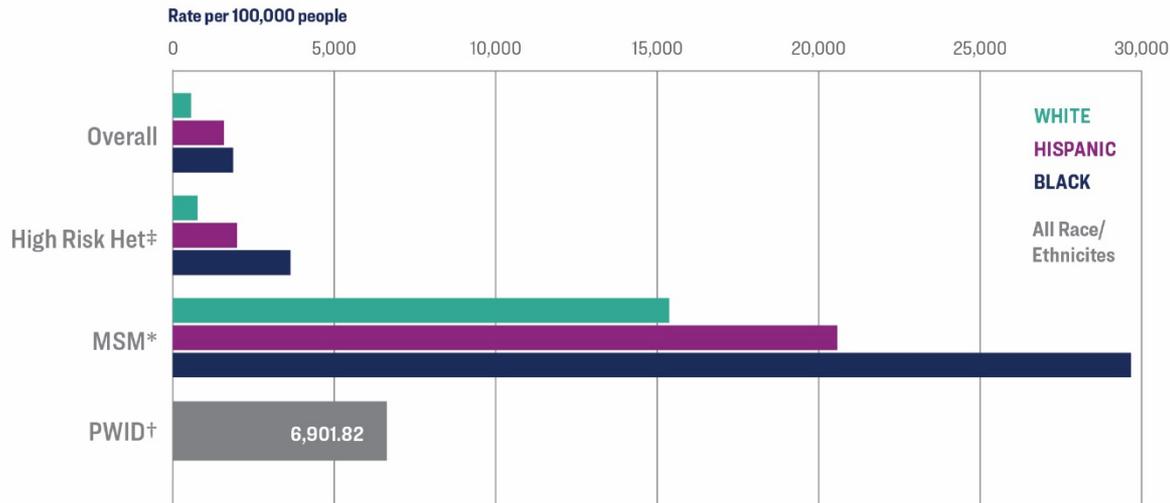
# HIV Diagnoses in the EMA

- 701 new HIV diagnoses across the EMA in 2019
  - 63% were in Philadelphia
- Late HIV diagnosis (AIDS diagnosis within 3 months of person's HIV diagnosis)
  - Of persons newly diagnosed with HIV
    - 1 in 8 in were concurrent Philadelphia
    - 1 in 5 in NJ counties
    - 1 in 3 in PA counties
  - Males, blacks/AA, Hispanics, age  $\geq 40$ , and MSM heterosexuals more likely to be diagnosed late

# PLWH in Philadelphia, 2019

N=18,798

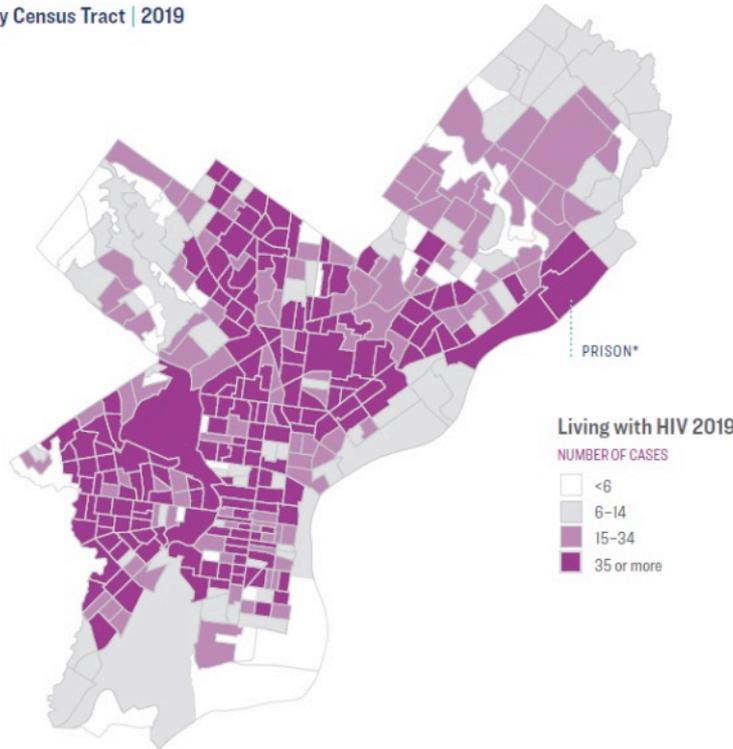
- Race
  - 63.9% Black/AA
  - 15.8% Hispanic
  - 16.8% White
- Age
  - 53.6% are >50 years old
- Transmission
  - 38.2% MSM
  - 34.3% HET
  - 19.3% PWID
- Gender
  - 369 Trans Female
  - 19 Trans Male



# PLWH by Census Tract, 2019

MAP 2

By Census Tract | 2019

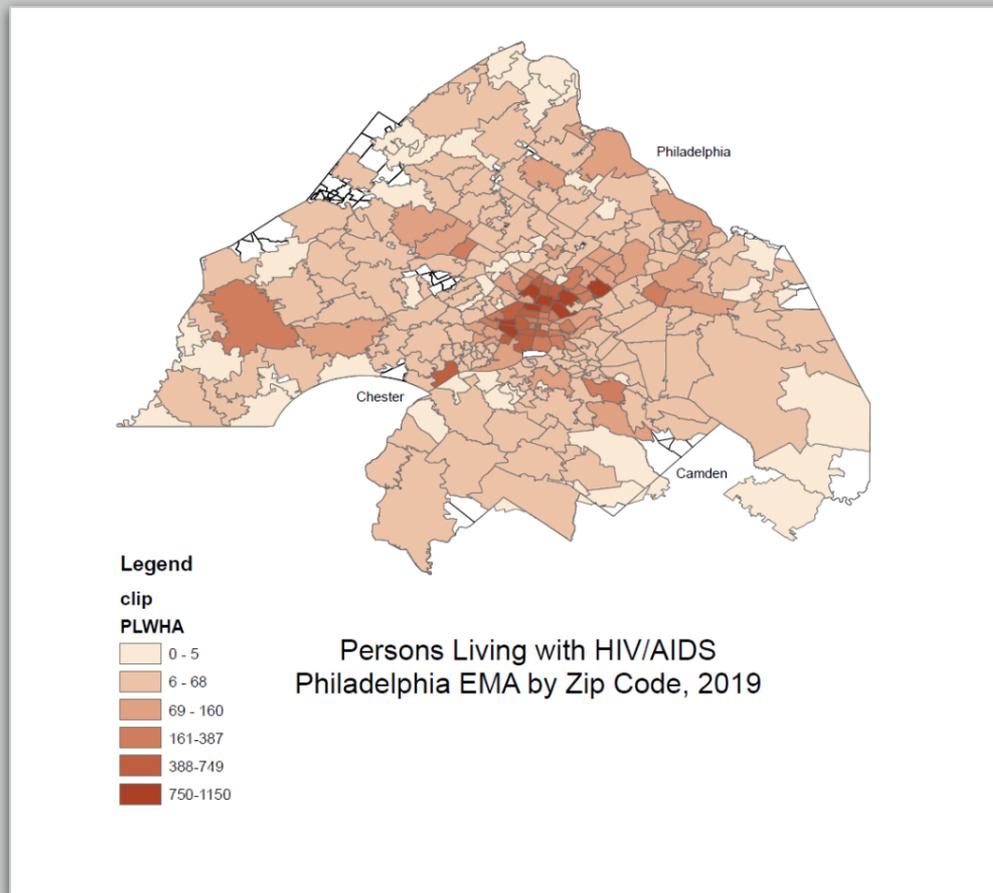


Source: PDPH/AACO 2020

# PLWH by Zip Code, Philadelphia EMA, 2019

N=27,074

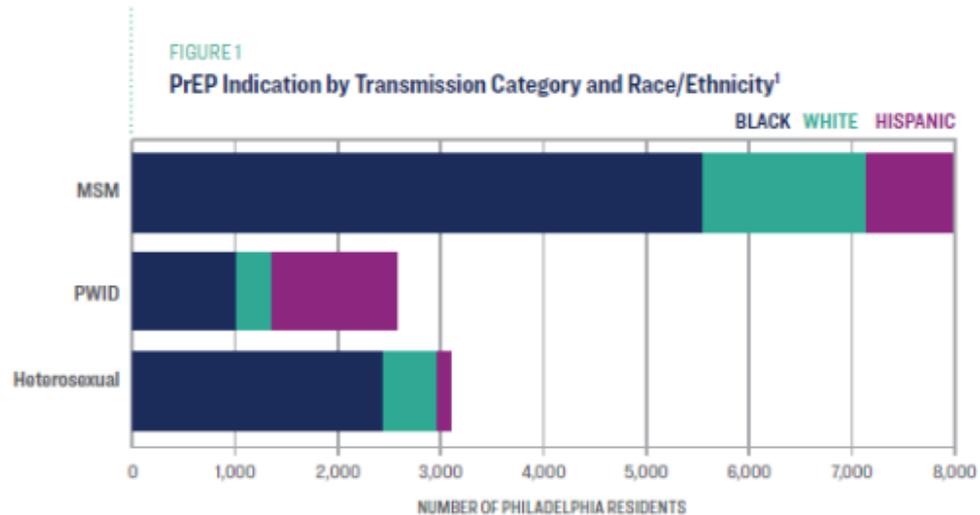
- 70% of PLWH live in Philadelphia
- 2.9% of PLWH live in the City of Camden
- 1.7% of PLWH live in the City of Chester



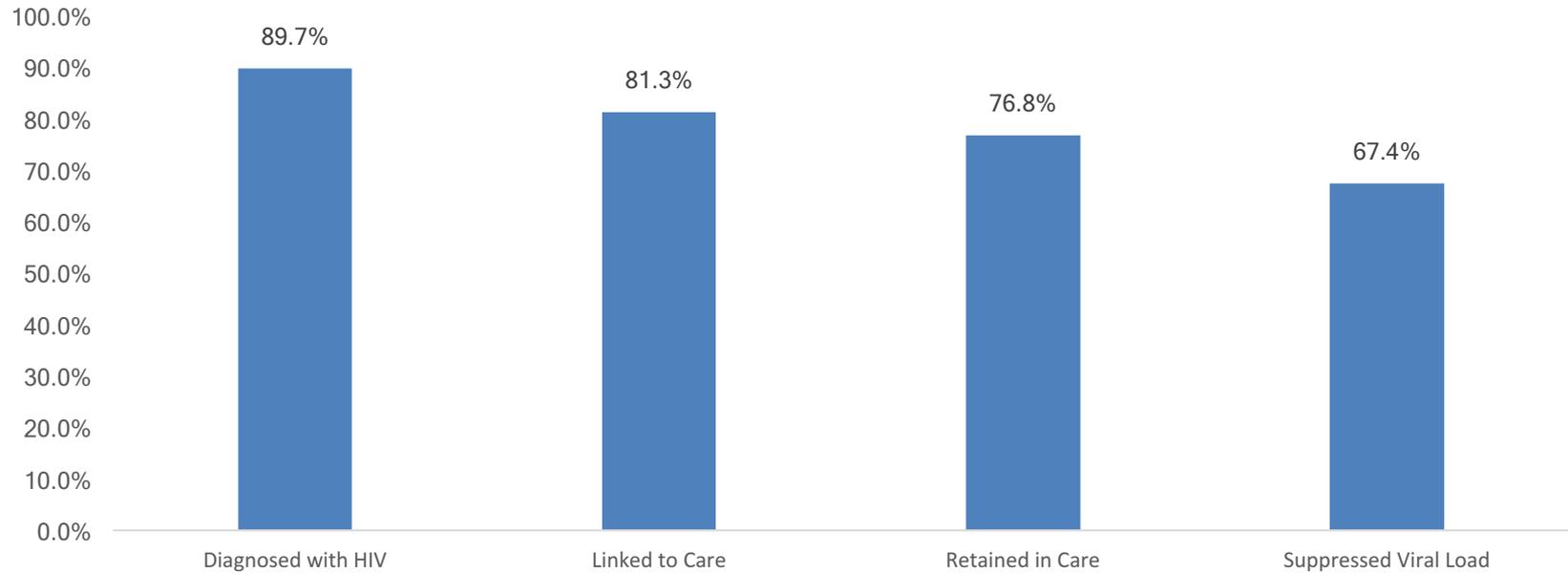
Source: PDPH, AIDS Activities Coordinating Office, 2020

# PrEP Indication by Transmission Category and Race/Ethnicity

Source: PDPH/AACO 2020

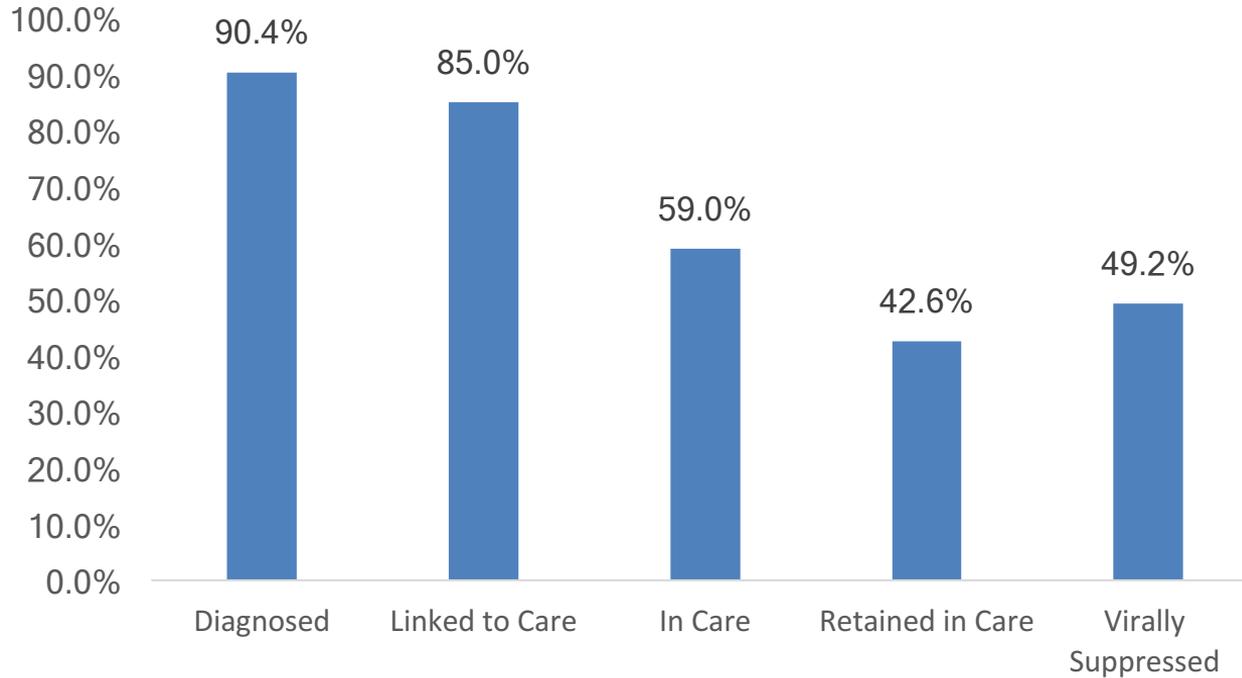


# Modified HIV Care Continuum Philadelphia, 2019



Source: PDPH/AACO 2020

# Philadelphia EMA HIV Care Continuum, 2019



Source: PDPH/AACO 2020



# Dashboard

## Diagnosis

- New HIV Diagnosis Rate
- Proportion diagnosed

## Care Continuum Outcomes

- Linked to care in 30 days
- In HIV care
- Viral Suppression

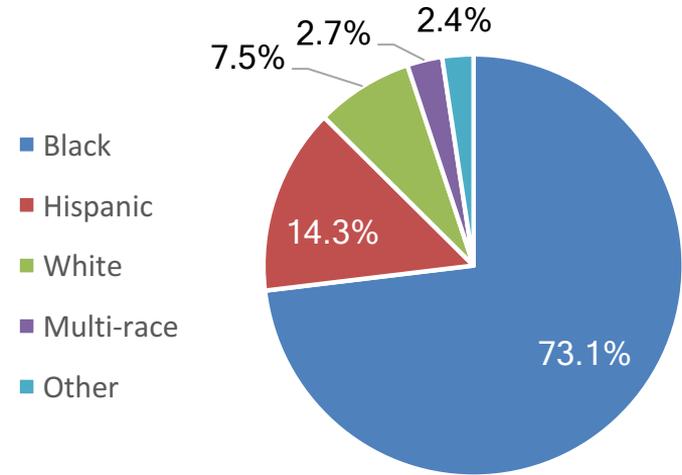
## Disparities

- Black PLWDH
- Hispanic PLWDH
- Transgender PLWDH
- PWID PLWDH

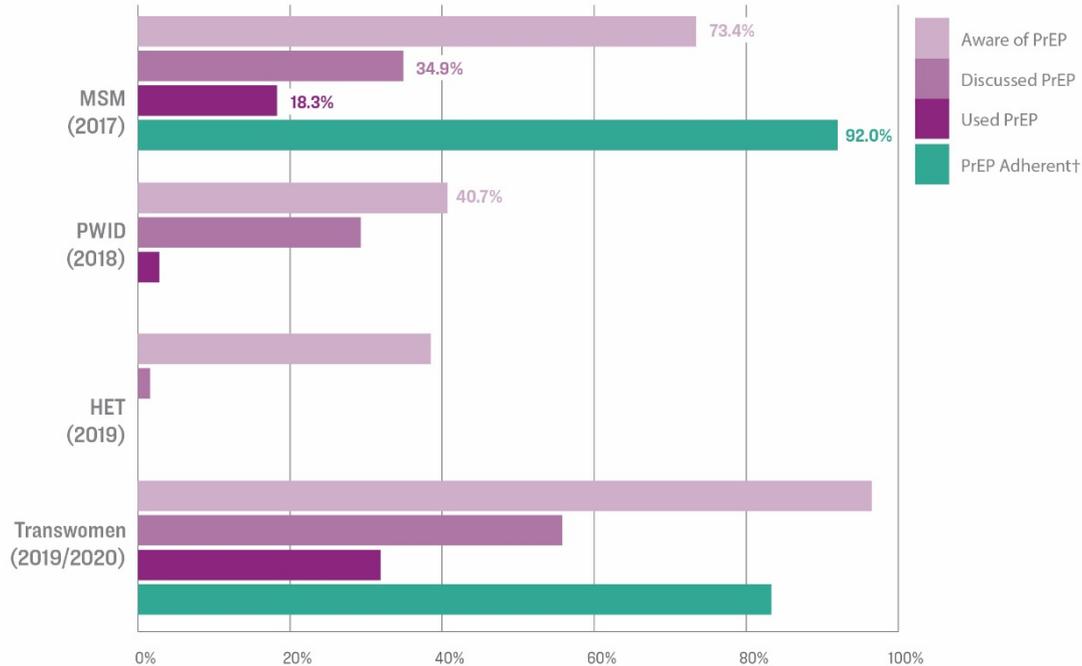
# Transgender PLWH

- 369 Transgender WLWH
  - 80.4% sexual transmission
  - 18.4% PWID
- 19 Transgender MLWH
  - 73.6% sexual transmission
- Age of Transgender WLWH
  - 23.3% >50 years of age
  - Population of Trans WLWH is younger than rest of PLWH

Race of Transgender WLWH



# PrEP Awareness and Usage, Philadelphia



Source: PDPH/AACO 2020

# Philadelphia Prevalence-Based Continuum, 2019



Linked to Care:



81.3%

Retained in Care:

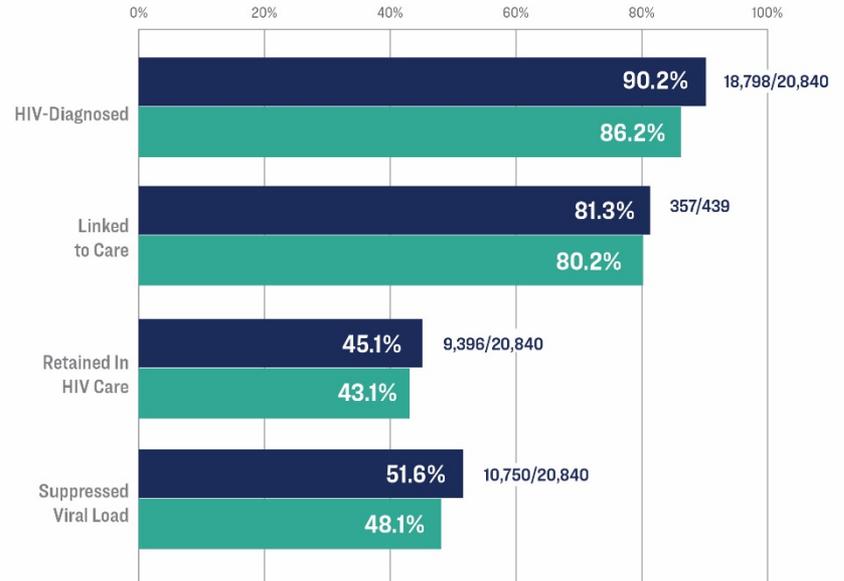


45.1%

Virally Suppressed:



51.6%





# Ending the HIV Epidemic

# Philadelphia, 2019

Philadelphia %/(Number) of people, per Surveillance	Status of Care	Accounted for X% of New Transmissions
<b>10.3% (N=1,700)</b>	Don't know they have HIV	<b>39%</b>
<b>12.8% (N=2,125)</b>	Know they have HIV but are not in care	<b>36%</b>
<b>9.5% (N=1,573)</b>	In care but are not virally suppressed	<b>25%</b>
<b>67.4% (N=11,175)</b>	Taking HIV medication and are virally suppressed	<b>0.0%</b>

PLWDH with evidence of care in the last 5 years=14,873

PDPH AACO, 2020



# Questions?

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