

# Ending the HIV Epidemic: Kentucky Data by Pillar



Kentucky Public Health  
Prevent. Promote. Protect.

## Demographics:



**US: 328,239,523**

W:76.5% B:13.4%\*

**KY: 4,467,673**

W:87.6% B:8.4%\*

Population



**US: 31.5%**

**KY: 23.6%**

Bachelor Degree or Higher

Kentuckians are **less likely** to achieve a **bachelor degree or higher** compared to total US population.



**US: \$32,621**

**KY: \$26,948**

Per Capita Income in Last 12 Months



**US: 10.0%**

**KY: 6.7%**

Do Not Have Health Insurance  
Kentuckians are **more likely** to have **health insurance** than overall US population.



**US: 4.4%**

**KY: 5.8%**

Unemployment  
Kentuckians are **more likely** to be **unemployed** compared to overall US population.



**US: 0.5%**

**KY: 1.5%**

Drug Arrests  
Kentuckians are **three times more likely** to be **arrested** for drugs as compared to the total US population.



**US: 11.8%**

**KY: 16.9%**

Poverty  
Kentuckians are **more likely** to live in **poverty** than the overall US population.

\* W = White, non-Hispanic, B = Black, non-Hispanic

# Pillar 1: Diagnose

Since the start of HIV/AIDS epidemic in Kentucky (1982):

**11,081** Total Cases.

**6,775** Progressed to AIDS.

**3,805** Deaths.

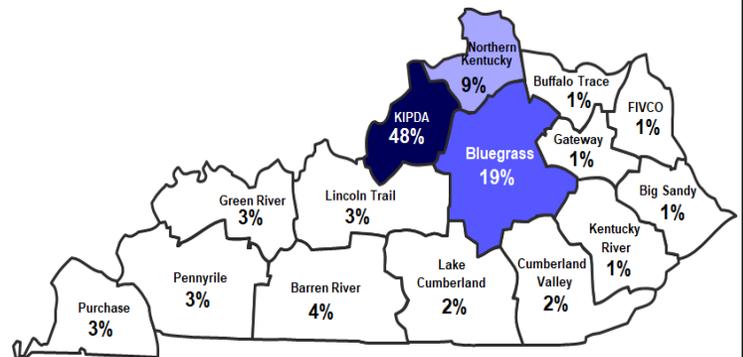
About **one** Kentuckian **per day** is diagnosed with **HIV/AIDS**.

About a **quarter** of new cases were diagnosed with **AIDS within 30 days** of **HIV diagnosis** (Concurrent).

About **one-third** of new cases were diagnosed with **AIDS within 365 days** of **HIV diagnosis** (Late Testers).

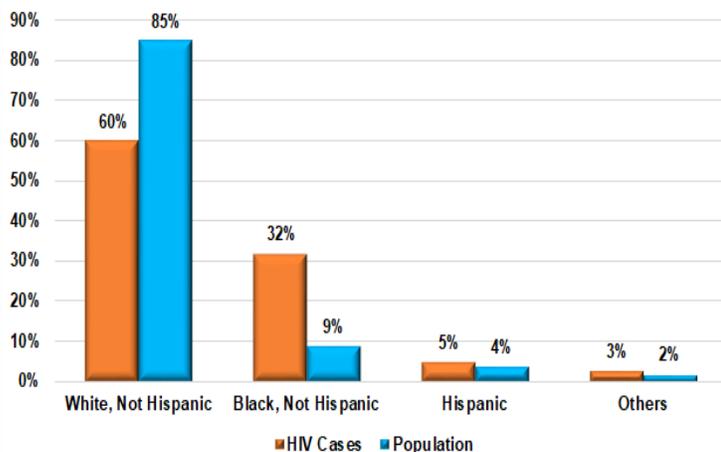


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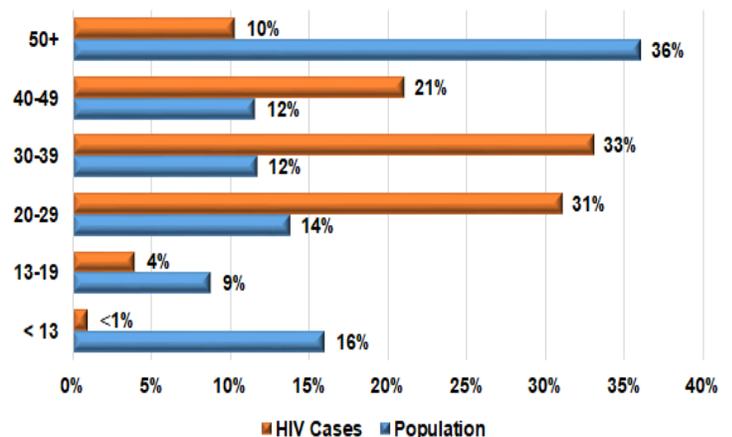
About **half** of **HIV/AIDS** cases were from the **KIPDA ADD** Region.

Population by Race compared to Total HIV/AIDS Cases since Start of Epidemic, Kentucky.



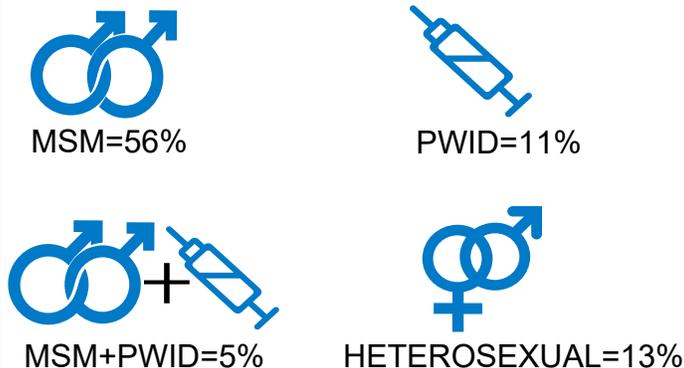
**Black Kentuckians** are **more likely** to be diagnosed with **HIV** compared to other racial/ethnic groups.

Total HIV Cases compared to Age Category at Time of Diagnosis, Kentucky.



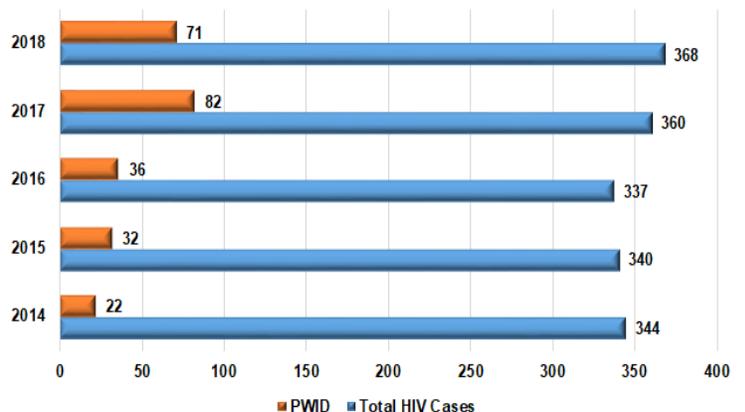
In recent years, **most cases** were diagnosed within **20-29** years age category.

Total HIV/AIDS Cases by Category of Transmission, Kentucky.



**Most Common** Transmission Route:  
Male - MSM.  
Female - Heterosexual.

Total HIV/AIDS Cases Compared to PWID Cases, Kentucky.



Since 2017, Kentucky has seen a **sharp increase** in **HIV cases** among **Persons Who Inject Drugs (PWID)**.

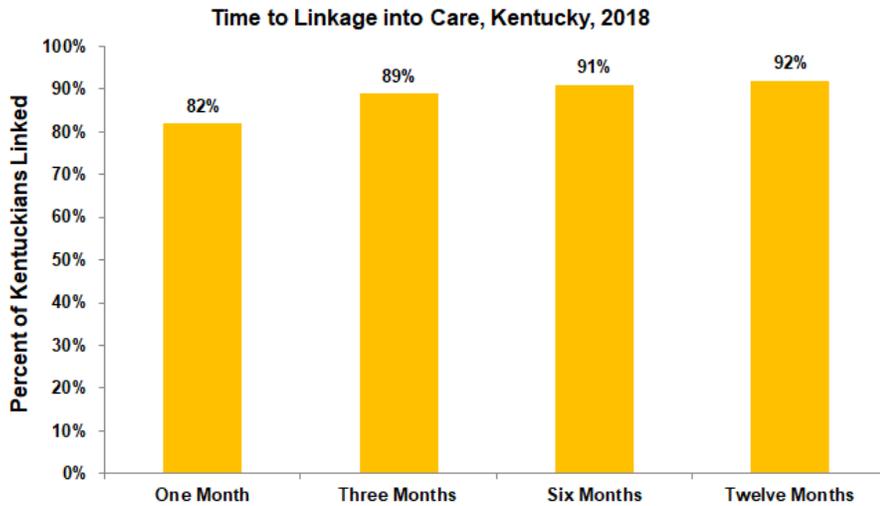
\* MSM: Men Who have Sex With Men, PWID: Persons Who Inject Drugs.

Data as of December 31, 2019. Release Date: September 1, 2020.

# Pillar 2: Treat

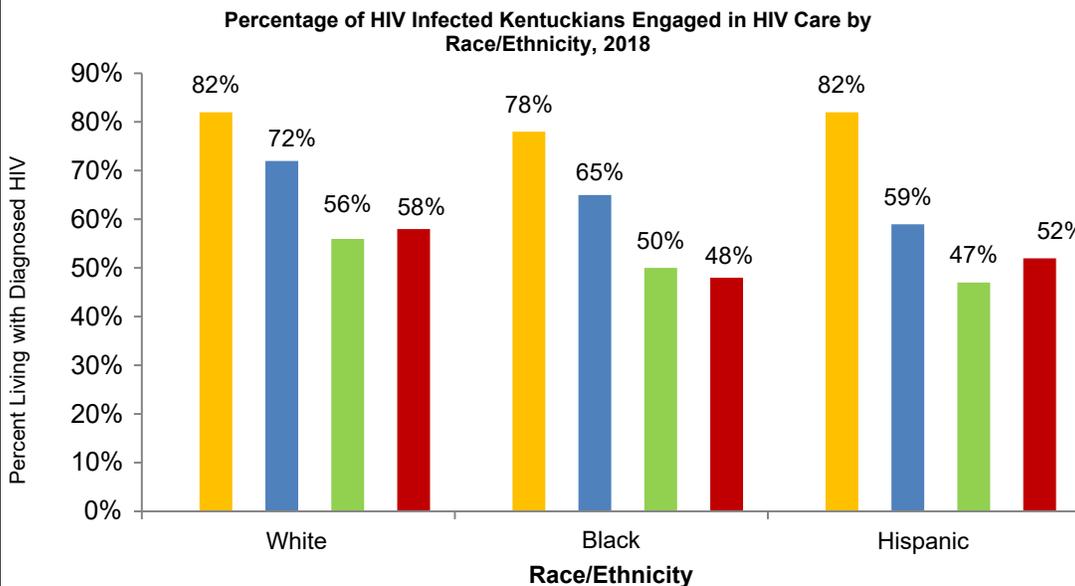
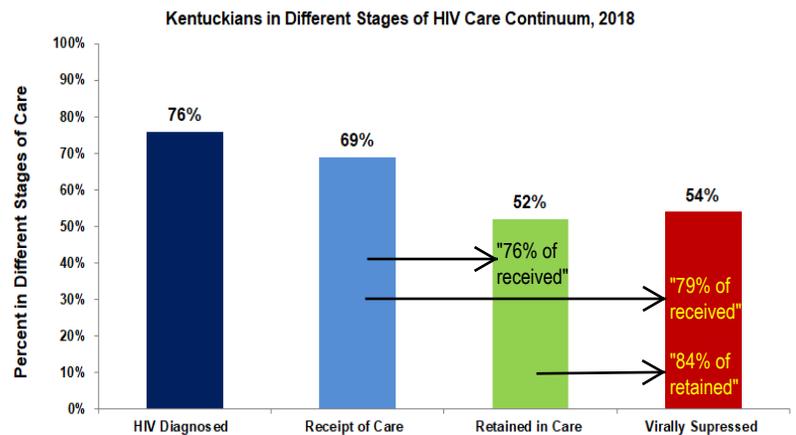


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Eighty-nine out of every 100 Kentuckians diagnosed with HIV in 2018 were linked to medical care within 3 months of diagnosis.

Kentuckians are more likely to be virally suppressed, if they received care or were retained in care.



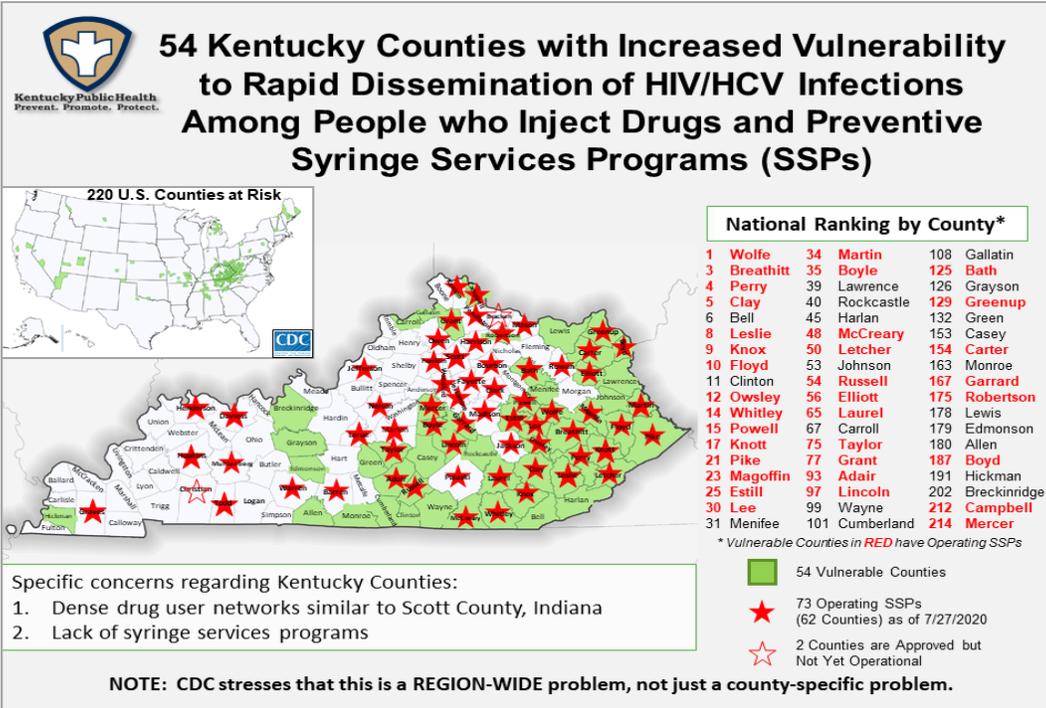
African Americans are less likely to receive care and be virally suppressed.

Legend: ■ Linked to Care ■ Receipt of Care ■ Retained in Care ■ Suppressed Viral Load (<200 copies/ml)

# Pillar 3: Prevent

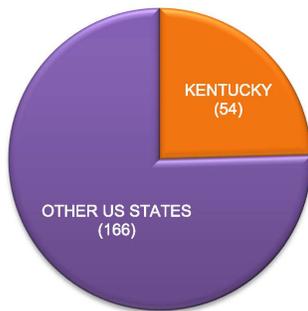


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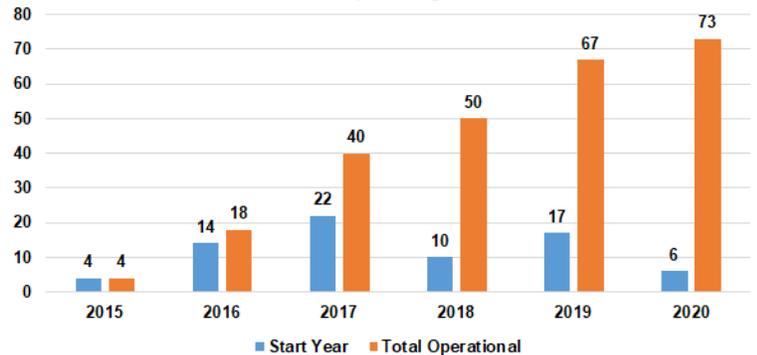


Currently, **Kentucky** leads the nation with **73 Syringe Services Programs (SSPs)** in **62 counties**.

220 Counties across United States deemed Vulnerable by CDC for the outbreak of HIV and Hepatitis C.



Kentucky Syringe Services Programs by Year of Start and Total Operating Units.



## "Know Your Status" Campaign

- Focus on **Eastern Kentucky**.
- Assess** HIV awareness, testing, and harm reduction.
- Use billboards and posters to **spread awareness**.



## Faith-based HIV/AIDS Initiative

- Focus on **African American Women**.
- Encourage** HIV-related programs in their **places of worship**.
- Hand out** church fans with HIV testing message.



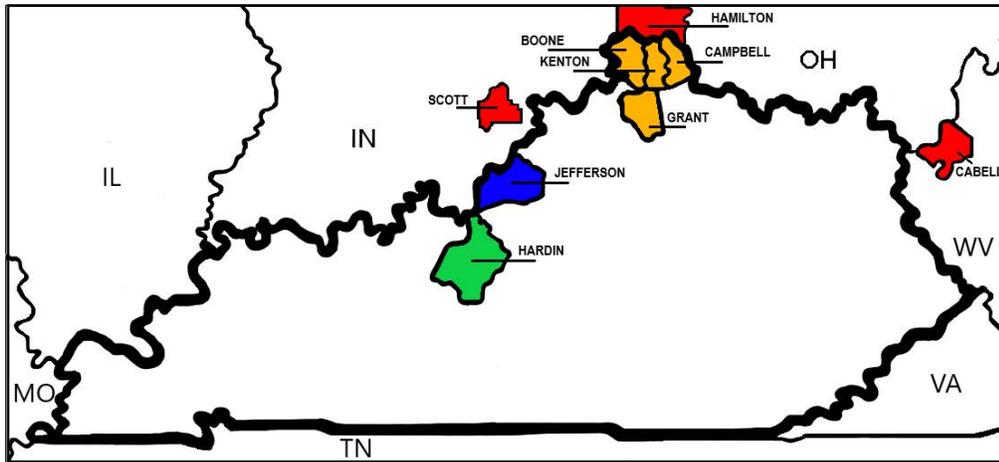
## Condom Distribution

- Focus on **high-risk areas**.
- Provide education** on the importance of condom use in preventing the spread of HIV and other Sexually Transmitted Infections.
- In 2019, **424,337** condoms were **distributed**.

# Pillar 4: Respond



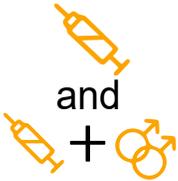
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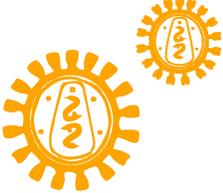
### HIV/AIDS Clusters in Kentucky and Surrounding States

## Northern Kentucky Cluster\*

  
**74**  
Cases  
(01/2017-12/2019)

  
Cases were among **PWID**

  
Around **one-third** of cases were **female**

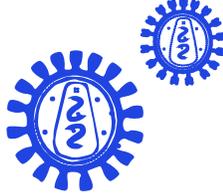
  
Four out of every ten cases (44%) were **virally suppressed**

## Jefferson County Cluster\*

  
**15**  
Cases  
(01/2018-12/2019)

  
Majority were **MSM**

  
All cases were **male**

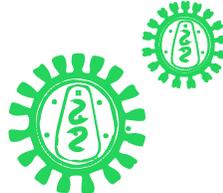
  
Nine out of every ten cases (87%) were **virally suppressed**

## Hardin County Cluster\*

  
**23**  
Cases  
(01/2018- 12/2018)

  
More than half were **MSM**

  
One out of **five** cases were **female**

  
Two out of three cases (64%) were **virally suppressed**

\*Data as of June 30, 2020.