Local Data: Kentucky
In 2020, there were 7,911 people living with HIV in Kentucky.
In 2020, 300 people were newly diagnosed with HIV.
## HIV Prevalence

### Number of people living with HIV, 2020

**7,911**

### Rate of people living with HIV per 100,000 population, 2020

**210**

### Percent of people living with HIV, by Sex, 2020

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%</strong></td>
<td>80.6</td>
<td>19.4</td>
</tr>
</tbody>
</table>

### Percent of people living with HIV, by Race/Ethnicity, 2020

<table>
<thead>
<tr>
<th></th>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%</strong></td>
<td>30.5</td>
<td>8.2</td>
<td>54.7</td>
</tr>
</tbody>
</table>

### Percent of people living with HIV, by Age, 2020

<table>
<thead>
<tr>
<th></th>
<th>Aged 13-24</th>
<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>%</strong></td>
<td>3.2</td>
<td>18.2</td>
<td>21.2</td>
<td>24.6</td>
<td>32.8</td>
</tr>
</tbody>
</table>

### Rate of people living with HIV per 100,000 population, by Geography, 2020

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New HIV Diagnoses

Number of new HIV diagnoses, 2020
300

Rate of new HIV diagnoses per 100,000 population, 2020
8

Percent of people newly diagnosed with HIV, by Sex, 2020

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>85.3%</td>
<td>14.7%</td>
</tr>
</tbody>
</table>

Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2020

<table>
<thead>
<tr>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>22.0%</td>
<td>9.3%</td>
<td>61.0%</td>
</tr>
</tbody>
</table>

Percent of people newly diagnosed with HIV, by Age, 2020

<table>
<thead>
<tr>
<th>Aged 13-24</th>
<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.7%</td>
<td>35.3%</td>
<td>26.0%</td>
<td>13.0%</td>
<td>8.0%</td>
</tr>
</tbody>
</table>

Number of New HIV Diagnoses, 2008-2020
rate of people newly diagnosed with HIV per 100,000 population, by geography, 2020

Due to the COVID-19 pandemic, data from 2020 should be interpreted with caution.
**PrEP (Pre-Exposure Prophylaxis)**

Number of PrEP users, 2021

**2,194**

Rate of PrEP users per 100,000 population, 2021

**58**

Percent of PrEP users, by Sex, 2021

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>91.9%</td>
<td>8.0%</td>
</tr>
</tbody>
</table>

Percent of PrEP users, by Race/Ethnicity, 2021

<table>
<thead>
<tr>
<th></th>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>11.4%</td>
<td>2.7%</td>
<td>84.8%</td>
</tr>
</tbody>
</table>

Percent of PrEP users, by Age, 2021

<table>
<thead>
<tr>
<th></th>
<th>Aged 13-24</th>
<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>12.9%</td>
<td>38.4%</td>
<td>22.6%</td>
<td>15.2%</td>
<td>10.9%</td>
</tr>
</tbody>
</table>

Number of PrEP Users, 2012-2021
<table>
<thead>
<tr>
<th>Year</th>
<th>Number of PrEP Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>35</td>
</tr>
<tr>
<td>2013</td>
<td>36</td>
</tr>
<tr>
<td>2014</td>
<td>81</td>
</tr>
<tr>
<td>2015</td>
<td>244</td>
</tr>
<tr>
<td>2016</td>
<td>513</td>
</tr>
<tr>
<td>2017</td>
<td>759</td>
</tr>
<tr>
<td>2018</td>
<td>1,162</td>
</tr>
<tr>
<td>2019</td>
<td>1,606</td>
</tr>
<tr>
<td>2020</td>
<td>1,673</td>
</tr>
<tr>
<td>2021</td>
<td>2,194</td>
</tr>
</tbody>
</table>
The 2021 PrEP-to-Need Ratio (PNR) is the ratio of the number of PrEP users in 2021 to the number of people newly diagnosed with HIV in 2020. PNR serves as a measurement for whether PrEP use appropriately reflects the need for HIV prevention. A lower PNR indicates more unmet need.

PNR, 2021

7.31

PNR, by Sex, 2021

**Male:** 7.88  
**Female:** 4.00

PNR, by Race/Ethnicity, 2021

**Black:** 3.79  
**Hispanic/Latinx:** 2.11  
**White:** 10.17

PNR, by Age, 2021

**Aged 13-24:** 5.36  
**Aged 25-34:** 7.94  
**Aged 35-44:** 6.35  
**Aged 45-54:** 8.56  
**Aged 55+:** 10.00

PNR, 2012-2021
HIV Continuum of Care, 2020

Late Diagnoses and Linked to Care are among people newly diagnosed with HIV and Receipt of Care and Viral Suppression are among all people living with HIV.
Late HIV Diagnoses

A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.

Number of new HIV diagnoses that were diagnosed late, 2020
63

Proportion of people with a late HIV diagnoses, by Race/Ethnicity, 2020

Black: 19.7%
Hispanic/Latinx: 21.4%
White: 20.8%

Percent of new HIV diagnoses that were diagnosed late, 2020
21.0%
### HIV Mortality

Number of deaths of people with HIV, 2020

**158**

Rate of deaths of people with HIV per 100,000 population, 2020

**4**

#### Percent of deaths of people with HIV, by Sex, 2020

<table>
<thead>
<tr>
<th>Sex</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>79.7%</td>
</tr>
<tr>
<td>Female</td>
<td>20.3%</td>
</tr>
</tbody>
</table>

#### Percent of deaths of people with HIV, by Race/Ethnicity, 2020

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>26.6%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>4.4%</td>
</tr>
<tr>
<td>White</td>
<td>64.6%</td>
</tr>
</tbody>
</table>

#### Percent of deaths of people with HIV, by Age, 2020

<table>
<thead>
<tr>
<th>Age</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>1.3%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>8.9%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>19.6%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>24.1%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>46.2%</td>
</tr>
</tbody>
</table>
Demographics, 2020

Total Population

4,503,958

State Population by Race/Ethnicity

- American Indian / Alaska Native (0.2%)
- Asian (1.6%)
- Black (8.3%)
- Hispanic / Latinx (4.0%)
- Native Hawaiian / Other Pacific Islander (0.1%)
- White (83.8%)
- Multiple Race (2.0%)
The rate of **Black males** living with an HIV diagnosis is 4.9 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 3.2 times that of **White males**.

The rate of **Black females** living with an HIV diagnosis is 10.7 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 5.0 times that of **White females**.
Late HIV Diagnoses, 2020

A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.

State

- 21.0%
- 79.0%

Region

- 21.5%
- 78.5%

United States
Diagnosed with HIV  Diagnosed with AIDS

78.4%
21.6%
People Living with HIV, by Transmission Category, 2020

Percent of People Living with HIV, by Transmission Category, 2020

Male Transmission Categories

- Injection Drug Use (6.9%)
- Heterosexual Contact (6.6%)
- Male-to-Male Sexual Contact (76.3%)
- Male-to-Male Sexual Contact & Injection Drug Use (9.3%)
- Other* (0.9%)

Female Transmission Categories
Injection Drug Use (24.4%)
Heterosexual Contact (73.3%)
Other* (2.3%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.
People Newly Diagnosed with HIV, by Transmission Category, 2020

Percent of People Newly Diagnosed with HIV, by Transmission Category, 2020

Male Transmission Categories

- Injection Drug Use (14.5%)
- Heterosexual Contact (4.7%)
- Male-to-Male Sexual Contact (72.3%)
- Male-to-Male Sexual Contact & Injection Drug Use (8.6%)

Female Transmission Categories
Injection Drug Use (31.8%)
Heterosexual Contact (68.2%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.
HIV Mortality Rates, 2018-2020

Mortality Rates of Persons Diagnosed with HIV per 100,000 population, 2018-20

HIV Testing, 2020

These data represent 2020 weighted estimates of HIV testing prevalence by selected demographic characteristics, based on responses to the Behavioral Risk Factor Surveillance System (BRFSS) survey question, “Have you ever been tested for HIV?”
### Social Determinants of Health, 2020

<table>
<thead>
<tr>
<th>Metric</th>
<th>State</th>
<th>Region</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of Population with a High School Education, 2020</td>
<td>87.2%</td>
<td>87.5%</td>
<td>88.5%</td>
</tr>
<tr>
<td>Income Inequality (Gini Coefficient), 2020</td>
<td>0.478</td>
<td>0.483</td>
<td>0.482</td>
</tr>
<tr>
<td>Percent of Population Living in Poverty, 2020</td>
<td>14.9%</td>
<td>14.1%</td>
<td>12.8%</td>
</tr>
<tr>
<td>Median Household Income, 2020</td>
<td>$54,074</td>
<td>$59,816</td>
<td>$64,994</td>
</tr>
</tbody>
</table>
The following charts provide data on the percentage of the population lacking health insurance, unemployed, living with food insecurity, and living in unstable housing in 2020:

- **Percent of Population (<65) Lacking Health Insurance, 2020**:
  - Not Adopted: 6.9%
  - Adopted but Not Implemented: 11.4%
  - Adopted and Implemented: 10.4%

- **Percent of Population Unemployed, 2020**:
  - Not Adopted: 6.4%
  - Adopted but Not Implemented: 7.2%
  - Adopted and Implemented: 8.1%

- **Percent of Population Living with Food Insecurity, 2020**:
  - Not Adopted: 13.8%
  - Adopted but Not Implemented: 12.3%
  - Adopted and Implemented: 10.7%

- **Percent of Population Living in Unstable Housing, 2020**:
  - Not Adopted: 11.2%
  - Adopted but Not Implemented: 13.4%
  - Adopted and Implemented: 14.2%

**Medicaid Expansion, 2022**

Status of state action on the Medicaid expansion decision as of June 28, 2022.
Sexually Transmitted Diseases, 2020

HIV Criminalization, 2022

States with HIV-Specific Criminal Laws/Statutes
State has HIV-specific criminal laws and/or sentence enhancements applicable to people living with HIV.

States That Have Prosecuted PLWH
State has prosecuted people living with HIV under non-HIV-specific, general criminal laws.

Status of state criminalization laws are as of June 28, 2022. Source: CHLP.
HIV Federal Funding/Programs, Federal HIV/AIDS Grant Funding, FY 2018

Substance Abuse & Mental Health Services Administration, FY 2018
$1,183,284

Ryan White HIV/AIDS Program, FY 2018
$11,981,674

Housing Opportunities for Persons With AIDS, FY 2018
$1,458,503

Total Funding, FY 2018
$14,623,461
2020 HIV-Related Philanthropic Funding to Jurisdiction

Funding Distribution

$171,429

Intended Use and Strategy

PrEP

* Pre-exposure Prophylaxis

Total funding for any PrEP-related work, including: medical training, staffing for PrEP provision or related services, advocacy and awareness campaigns, or PrEP-related research.

$0
Population Spotlight

* Includes LGBTQ - general, MSM, Transgender.

** Includes African American, Latinx, Asian American, Indigenous.

These data only capture a portion of the populations and strategies that FCAA tracks, please see a complete analysis of 2020 HIV Philanthropy in our most recent report:

https://www.fcaaids.org/inform/philanthropic-support-to-address-hiv-aids/

AIDSVu is presented by the Rollins School of Public Health at Emory University in partnership with Gilead Sciences, Inc.