HIV in Baltimore City, Maryland

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Chief, Center for HIV Surveillance, Epidemiology and Evaluation

October 17, 2019
HIV Diagnosis Trends

Data as reported through 6/30/2019
## Living HIV Diagnoses, Year-end 2016
Ranked by Rates

<table>
<thead>
<tr>
<th>Rank</th>
<th>Metropolitan Area</th>
<th>Reported Cases</th>
<th>Rate per 100,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Miami-Fort Lauderdale-West Palm Beach, FL</td>
<td>53,269</td>
<td>872.2</td>
</tr>
<tr>
<td>2</td>
<td>New York-Newark-Jersey City, NY-NJ-PA</td>
<td>138,830</td>
<td>684.7</td>
</tr>
<tr>
<td>3</td>
<td>Baton Rouge, LA</td>
<td>5,097</td>
<td>610.0</td>
</tr>
<tr>
<td>4</td>
<td>Baltimore-Columbia-Towson, MD</td>
<td>17,013</td>
<td>607.4</td>
</tr>
<tr>
<td>5</td>
<td>New Orleans-Metairie, LA</td>
<td>7,679</td>
<td>604.1</td>
</tr>
<tr>
<td>6</td>
<td>Atlanta-Sandy Springs-Roswell, GA</td>
<td>32,043</td>
<td>552.9</td>
</tr>
<tr>
<td>7</td>
<td>Memphis, TN-MS-AR</td>
<td>6,926</td>
<td>514.9</td>
</tr>
<tr>
<td>8</td>
<td>Jackson, MS</td>
<td>2,911</td>
<td>502.3</td>
</tr>
<tr>
<td>9</td>
<td>San Francisco-Oakland-Hayward, CA</td>
<td>23,031</td>
<td>490.1</td>
</tr>
<tr>
<td>10</td>
<td>Columbia, SC</td>
<td>3,923</td>
<td>479.9</td>
</tr>
<tr>
<td>18</td>
<td>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD</td>
<td>23,920</td>
<td>393.6</td>
</tr>
<tr>
<td>30</td>
<td>Washington-Arlington-Alexandria, DC-VA-MD-WV</td>
<td>20,038</td>
<td>325.8</td>
</tr>
<tr>
<td></td>
<td>United States*</td>
<td>1,008,264</td>
<td>308.5</td>
</tr>
</tbody>
</table>

* 50 states, DC & PR

Baltimore City

2018 Continuum of Care

Prevalence-Based Estimated HIV Continuum of Care Among People Aged 13+, 2018

Among current Baltimore City residents living with HIV

- HIV Infected: 12,484 (100.0%)
- HIV Diagnosed: 11,036 (88.4%)
- Retained in HIV Care: 8,970 (71.9%)
- Suppressed VL: 7,412 (59.4%)

Among 2018 HIV diagnoses

- HIV Diagnoses: 224 (100.0%)
- Linked to HIV Care - 1 month: 176 (78.6%)
- Linked to HIV Care - 3 months: 191 (85.3%)

Data as reported through 6/30/2019
Baltimore City

HIV Diagnosis Sex at Birth Trends

Number of HIV Diagnoses by Sex at Birth and Year of Diagnosis, Baltimore City 2010-2018

Data as reported through 6/30/2019
People Living with HIV by Gender

Age 13+ on 12/31/18 = 11,036

- Male, 7,098, 64%
- Transmale, 8, 0%
- Female, 3,781, 34%
- Transfemale, 149, 2%

Data as reported through 6/30/2019
Baltimore City

HIV Diagnosis Race/Ethnicity Trends

Number of HIV Diagnoses by Race/Ethnicity and Year of Diagnosis, Baltimore City 2010-2018

Data as reported through 6/30/2019
People Living with HIV by Race/Ethnicity

Age 13+ on 12/31/18 = 11,036

- NH-Black, 9,143, 83%
- NH-White, 878, 8%
- NH-Multiracial, 558, 5%
- Hispanic, 427, 4%
- NH-Asian, 24, 0%
- NH-Other, 6, 0%

Data as reported through 6/30/2019
Baltimore City

HIV Diagnosis Age Trends

Number of HIV Diagnoses by Age at Diagnosis and Year of Diagnosis, Baltimore City 2010-2018

Data as reported through 6/30/2019
Baltimore City

2018 HIV Diagnoses, Age at Diagnosis

Age at Diagnosis of New 2018 HIV Diagnoses

Percent

Diagnoses

Data as reported through 6/30/2019
People Living with HIV, Age on 12/31/18

Age on 12/31/2018 of Persons Living with Diagnosed HIV or AIDS

Data as reported through 6/30/2019
Baltimore City

Age at Diagnosis vs. Current Age

Age at Diagnosis of New 2018 HIV Diagnoses versus Age on 12/31/2018 of Persons Living with Diagnosed HIV or AIDS

Data as reported through 6/30/2019
Estimated Percent Undiagnosed

Estimated Percent HIV Undiagnosed, United States, 2016
Total = 14.2%
Baltimore City

HIV Diagnosis Exposure Trends

Number of HIV Diagnoses by Exposure Category and Year of Diagnosis, Baltimore City 2010-2018

Data as reported through 6/30/2019
People Living with HIV by Exposure

Age 13+ on 12/31/18 = 11,036

- MSM, 3,509, 32%
- IDU, 3,386, 31%
- MSM/IDU, 575, 5%
- Heterosexual, 3,404, 31%
- Perinatal, 130, 1%
- Other, 32, 0%

Data as reported through 6/30/2019
### People Living with HIV by Exposure

**Baltimore City**

*Data as reported through 6/30/2019*

#### Male

<table>
<thead>
<tr>
<th>Exposure Type</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSM</td>
<td>3,509</td>
</tr>
<tr>
<td>MSM/IDU</td>
<td>575</td>
</tr>
<tr>
<td>IDU</td>
<td>1,988</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>1,114</td>
</tr>
<tr>
<td>Other</td>
<td>12</td>
</tr>
</tbody>
</table>

#### Female

<table>
<thead>
<tr>
<th>Exposure Type</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSM</td>
<td>1,397</td>
</tr>
<tr>
<td>MSM/IDU</td>
<td>1,397</td>
</tr>
<tr>
<td>IDU</td>
<td>1,397</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>2,290</td>
</tr>
<tr>
<td>Other</td>
<td>20</td>
</tr>
</tbody>
</table>

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**Graph:**

- X-axis: Count (0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000, 7,000, 8,000)
- Y-axis: Exposure Type

**Legend:**

- Blue: MSM
- Yellow: MSM/IDU
- Green: IDU
- Orange: Heterosexual
- Black: Other
## New HIV Diagnoses

<table>
<thead>
<tr>
<th></th>
<th>N</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 HIV Diagnoses</td>
<td>224</td>
<td>100.0%</td>
</tr>
<tr>
<td>Linked to Care within 1 mo.</td>
<td>176</td>
<td>78.6%</td>
</tr>
<tr>
<td>Linked to Care within 3 mos.</td>
<td>191</td>
<td>85.3%</td>
</tr>
<tr>
<td>Late Diagnoses</td>
<td>43</td>
<td>19.2%</td>
</tr>
<tr>
<td>Median First CD4 Count</td>
<td>407</td>
<td>cells/microliter</td>
</tr>
<tr>
<td>Estimated Mean Time to Diagnosis (MD)</td>
<td>6.5</td>
<td>years</td>
</tr>
</tbody>
</table>
## Baltimore City

### Persons Living with HIV

<table>
<thead>
<tr>
<th>Category</th>
<th>N</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated HIV Prevalence 12/31/18</td>
<td>12,484</td>
<td>100.0%</td>
</tr>
<tr>
<td>Diagnosed HIV</td>
<td>11,036</td>
<td>88.4%</td>
</tr>
<tr>
<td>In Care</td>
<td>8,970</td>
<td>71.9%</td>
</tr>
<tr>
<td>Recent CD4&lt;200</td>
<td>864</td>
<td>6.9%</td>
</tr>
<tr>
<td>Virally Suppressed</td>
<td>7,412</td>
<td>66.2%</td>
</tr>
</tbody>
</table>
Baltimore City

Epidemiological Profile

2018

Baltimore City Annual HIV Epidemiological Profile

Data reported through June 30, 2019

phpa.health.maryland.gov/OIDEOR/CHSE