HIV in the Baltimore-Columbia-Towson MSA

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Prevention and Health Promotion Administration
Center for HIV Surveillance, Epidemiology and Evaluation
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MISSION

The mission of the Prevention and Health Promotion Administration is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

VISION

The Prevention and Health Promotion Administration envisions a future in which all Marylanders and their families enjoy optimal health and well-being.
HIV Diagnosis Trends

Trends in Maryland and Baltimore City HIV Diagnoses, 2008-2017, Reported through 06/30/2018

Percent of new Maryland cases in Baltimore City decreased from 38% to 22%
HIV Diagnosis Trends by MSA

More cases now come from the Washington suburbs than from the Baltimore metropolitan area.
HIV Diagnosis Trends – Baltimore MSA

Baltimore MSA EAPC -7.7%

Baltimore City EAPC -10.3%

Baltimore Co. EAPC -5.1%

Non-significant trends
Anne Arundel Co.
Howard Co.
Harford Co.
Carroll Co.
Queen Anne’s Co.

EAPC= Estimated Annual Percent Change
As reported through 3/31/2019
<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>
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<tr>
<td>3</td>
<td>Baton Rouge, LA</td>
<td>5,097</td>
<td>610.0</td>
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<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>
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<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>
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<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>
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<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
Continuum of Care, Baltimore MSA, 2017

Prevalence-Based Estimate of HIV Infected Adult/Adolescent Continuum of Care, 2017

- HIV Infected: 18,658 (100.0%)
- HIV Diagnosed: 16,494 (88.4%)
- Retained in HIV Care: 12,939 (69.3%)
- Suppressed VL: 10,092 (54.1%)

- HIV Diagnoses: 437 (100.0%)
- Linked to HIV Care - 1 month: 376 (86.0%)
- Linked to HIV Care - 3 months: 402 (92.0%)

Among current Baltimore Metro residents living with HIV

Among 2017 HIV diagnoses

Using data as reported through 6/30/2018
Sex at Birth Trends, Baltimore MSA

Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2017, Reported through June 30, 2018

Using data as reported through 6/30/2018
HIV Prevalence by Gender, Baltimore MSA

Adult/Adelescent HIV Diagnoses, Current Address in Baltimore MSA and Alive on 12/31/2017, Current Gender, Reported through 6/30/2018

- Male, 10,502, 64%
- Transmale, 8, 0%
- Transfemale, 187, 1%
- Female, 5,797, 35%

N = 16,494
Race/Ethnicity Trends, Baltimore MSA

Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2017, Reported through June 30, 2018

Using data as reported through 6/30/2018
Race/Ethnicity, Living Cases, 2017

Baltimore MSA (Age 13+ Rate=706.4/100,000)

Using data as reported through 6/30/2018
Age at Diagnosis Trends, Baltimore MSA

Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2017, Reported through June 30, 2018

Using data as reported through 6/30/2018
HIV Incidence by Age Group, Baltimore MSA

Age at Diagnosis of New 2017 HIV Diagnoses

Using data as reported through 6/30/2018
HIV Prevalence by Age Group, Baltimore MSA

Age on 12/31/2017 of Persons Living with Diagnosed HIV or AIDS

Using data as reported through 6/30/2018
HIV Incidence and Prevalence by Age Group
Baltimore MSA

Age at Diagnosis of New 2017 HIV Diagnoses versus Age on 12/31/2017 of Persons Living with Diagnosed HIV or AIDS

PLWHA are aging with HIV, while the new HIV diagnoses are getting younger

Using data as reported through 6/30/2018
Estimated Percent HIV Undiagnosed, United States, 2016
Total = 14.2%
HIV Exposure Trends, Baltimore MSA

Using data as reported through 6/30/2018
HIV Exposure, Living Cases, 2017

Baltimore MSA (Age 13+ N=16,494)

- Heterosexual: 34%
- IDU: 24%
- MSM/IDU: 5%
- MSM: 35%
- Other: <1%

Using data as reported through 6/30/2018
HIV Exposure, Living Cases, 2017

Baltimore MSA (Age 13+ N=16,494 with exposure)

- MSM, 5,790
- MSM/IDU, 743
- IDU, 2,283
- Heterosexual, 3,903
- Other, 134
- Other, 169

Male

Female

Using data as reported through 6/30/2018