Mission and Health Promotion Administration

Mission and Vision

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 Diagnoses by Year of Diagnosis

42% decrease over the last 10 years

Using data as reported through 6/30/2019

997, the lowest since 1986
2018 HIV Diagnoses by Age at Diagnosis

Using data as reported through 6/30/2019
2018 HIV Diagnoses by Age at Diagnosis

Using data as reported through 6/30/2019

Age <13
N=3
(0.3%)

Age 65+
N=27
(2.7%)
Pediatric HIV Diagnoses by Year of Birth

Using data as reported through 6/30/2019
HIV Diagnosis Age Trends

Number of HIV Diagnoses by Age at Diagnosis and Year of Diagnosis, Maryland 2009-2018

Using data as reported through 6/30/2019
HIV Diagnosis Age Trends

Percent of HIV Diagnoses by Age at Diagnosis and Year of Diagnosis, Maryland 2009-2018

Using data as reported through 6/30/2019
HIV Diagnosis Age Trends

Rate of HIV Diagnoses per 100,000 Population by Age at Diagnosis and Year of Diagnosis, Maryland 2009-2018

Using data as reported through 6/30/2019
HIV Diagnosis Age Trends

Rate Ratio of HIV Diagnoses by Age at Diagnosis and Year of Diagnosis, Maryland 2009-2018

Using data as reported through 6/30/2019
Estimated Percent Undiagnosed

Estimated Percent HIV Undiagnosed, United States, 2016
Total = 14.2%
Estimated Time to Diagnosis

Estimated Time from HIV Infection to Diagnosis, Maryland, 2016
Total = 6.7 years

Using data as reported through 6/30/2018
Percent of HIV Diagnoses with an AIDS Diagnosis

Percent with AIDS by 12/31/2018

Year of HIV Diagnosis

Using data as reported through 6/30/2019
## Survival Time after AIDS Diagnosis

<table>
<thead>
<tr>
<th>Year of AIDS Diagnosis</th>
<th>Percent Alive After</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Year</td>
</tr>
<tr>
<td>1997</td>
<td>85.4</td>
</tr>
<tr>
<td>2002</td>
<td>88.8</td>
</tr>
<tr>
<td>2007</td>
<td>89.4</td>
</tr>
<tr>
<td>2012</td>
<td>91.5</td>
</tr>
<tr>
<td>2017</td>
<td>94.3</td>
</tr>
</tbody>
</table>

Using data as reported through 6/30/2019
People Living with HIV by Age on 12/31/18

Using data as reported through 6/30/2019
HIV Incidence and Prevalence by Age Group

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

PLWH are aging with HIV, while the new HIV diagnoses are getting younger.

Using data as reported through 6/30/2019
Continuum of Care by Age Group
Maryland, 2018

Age 55+ has the highest rates of HIV diagnosis, retention in care, and viral suppression, while linkage to care is average.

Using data as reported through 6/30/2019
Summary

- HIV infections, diagnoses, and rates are going down across all ages
- HIV diagnoses are most common in young adults (20-34)
- Transmissions in children (<13) are approaching zero
- Transmissions in older persons (65+) are rare
- Knowledge of HIV status increases with increasing age
- People with HIV are living longer, healthier lives (↓ AIDS ↓ deaths)
- The highest numbers and rates of people living with HIV are age 45-64
- Linkage to care is similar across age groups
- Measures of access and use of care increase with increasing age
- Persons 55+ have the highest rates of being diagnosed, in care, and virally suppressed