Primary Sources

- Enhanced HIV/AIDS Reporting System (EHARS) – Collects infection data from all legally bound reporting sources throughout the State.
- 2021 Delaware Population Consortium
Questions

- Special data request may be made through the HIV Surveillance and Prevention Program
  - Phone – (302)744-1016
  - Email – james.dowling@Delaware.gov
  - (special data is that which is not specifically covered in the following slides)
  - Data request may require OCOMM approval
HIV Trends in Delaware

3,699 living cases of HIV (all stages)
December 2021

Prevalence Rates (per 100,000)
All Statewide = 372.86 (n = 3,699)
African Americans = 991.77 (n = 2,121)
White = 198.58 (n = 1,152)
Hispanic = 300.57 (n = 313)

(ratios based on 2021 DE Population Consortium Estimates and reported Living HIV cases)
Gender Groups
HIV Trends in Delaware

- **Gender**
  - Males - 48% of Delaware’s population, yet 71% of all reported HIV cases through 2021
  - Females - 52% of Delaware’s population, 29% of all reported Delaware cases through 2021

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
New Infections in Delaware by gender 2001 - 2021

HIV Reporting
Began 07/01

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Race Ethnicity Groups
TRENDS IN DE (Cont)

- Ethnicity
  -- African Americans (disproportionately high HIV rate)
  44% cases attributed to African-Americans in the late 80s—Stands at 65% at the end of 2021 despite being 22% of Delaware’s population
New Infections Diagnosed in Delaware Race/Ethnic Groups, 2001-2021

NOTE: Other = Am Indian, Native Alaskan Asian, Native Hawaiian and Multi Race

HIV Reporting Began 07/01

<table>
<thead>
<tr>
<th>Year</th>
<th>Total #</th>
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<tbody>
<tr>
<td>01</td>
<td>270</td>
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<td>93</td>
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<tr>
<td>19</td>
<td>92</td>
</tr>
<tr>
<td>20</td>
<td>84</td>
</tr>
</tbody>
</table>

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
New Infections Diagnosed in Delaware by Gender and Race/Ethnic Groups, 2001-2021

Caucasian Male
Caucasian Female
AA Male
AA Female
Hispanic Male
Hispanic Female
Other Male
Other Female
Unknown

HIV Reporting
Began 07/01

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Age Groups
TRENDS IN DE (Cont)

● AGE

HIV

- 77% reported were between ages of 20 – 49 at diagnoses
- Teen groups not infected at rates seen in many other states, DE = 4%

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
New Infections Diagnosed in Delaware by age Group, 2001-2021

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Mortality
TRENDS IN DE (Cont)

• Mortality

   Better Treatment = Longer lives
HIV Deaths - 1991 to 2021

3,699 Living with HIV in December 2021

523 Living with HIV in December 1988

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
HIV Deaths by Race, 1991 to 2021

Note: Deaths are proportionate to infections across groups

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
HIV Deaths by Gender, 1991 to 2021

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
# HIV Deaths, 1991 to 2021

Death due to underlying HIV disease

<table>
<thead>
<tr>
<th>HIV Related</th>
<th>Frequency</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>1070</td>
<td>34.63</td>
</tr>
<tr>
<td>Undetermined</td>
<td>125</td>
<td>4.08</td>
</tr>
<tr>
<td>Yes</td>
<td>1894</td>
<td>61.29</td>
</tr>
</tbody>
</table>

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Geography

--47% of all HIV/AIDS cases reported in Delaware through 2020 originated from Wilmington Metropolitan area.
2021 Estimated Delaware Pop.= 977,780
Source: Delaware Population Consortium

Delaware Land Area
1,954 square miles
Living with HIV
As of Dec 2021

\[ n = 3,699 \]

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Behavioral Risk Groupings
Risk Categories by County of Residence

Mode of Exposure
Living in Kent County

- MSM: 37%
- IDU: 11%
- MSM+IDU: 8%
- Hetero: 39%
- Other: 4%

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Risk Categories by County of Residence

Mode of Exposure
Living in New Castle County

- MSM: 36%
- IDU: 18%
- MSM+IDU: 4%
- Hetero: 6%
- Other: 36%

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Risk Categories by County of Residence

Mode of Exposure Living in Sussex County

- MSM: 61%
- IDU: 23%
- MSM+IDU: 6%
- Hetero: 5%
- Other: 6%

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Risk Categories in Wilmington Metro Area

Mode of Exposure
Living in Wilmington Metro

- MSM: 36%
- IDU: 22%
- MSM+IDU: 5%
- Hetero: 5%
- Other: 5%

Source: Delaware Department of Health and Social Services, Division of Public Health, 2020.
New Infections Diagnosed in Delaware by Risk Group, 2001-2021

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
New Infections in Males Diagnosed in Delaware by Risk Group, 2001-2021

Source: Delaware Department of Health and Social Services, Division of Public Health, 2020.
New Infections in Females Diagnosed in Delaware by Risk Group, 2001-2021

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
# National VS. Delaware
## Persons Living with HIV all Stages

<table>
<thead>
<tr>
<th>National - 2019</th>
<th>Delaware - 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>The distribution of living HIV cases by race nationally is</td>
<td>Delaware’s living HIV cases through 2021 by race are</td>
</tr>
<tr>
<td>% Among HIV</td>
<td>% Among HIV</td>
</tr>
<tr>
<td>29% White</td>
<td>31% White</td>
</tr>
<tr>
<td>40% Black</td>
<td>57% Black</td>
</tr>
<tr>
<td>24% Hispanic</td>
<td>9% Hispanic</td>
</tr>
<tr>
<td>7% other races</td>
<td>3% other races</td>
</tr>
</tbody>
</table>

Source: Delaware Department of Health and Social Services, Division of Public Health, 2022.
Email Questions To
james.dowling@delaware.gov
(302) 744-1016

charlene.rodriguez@Delaware.gov
(302) 744-1006