Overview of HIV/AIDS in Houston/Harris County

HIV Burden in Houston

Houston has the highest number of new HIV/AIDS cases in the state of Texas, with one out of every 200 local residents living with HIV. Additionally, in 2017 the Centers for Disease Control and Prevention (CDC) reported the Houston metropolitan statistical area (MSA) ranked 10th in rate of new HIV diagnoses.

In an effort to support the Ending the HIV Epidemic Plan, the Houston Health Department leverages our resources to reduce and eventually end the number of new HIV cases in Houston.

People Living with HIV (PLWH) - 2017

- 26,109 people in Houston/Harris County were living with HIV in 2017
- 22,703 people in Houston/Kingwood were living with HIV in 2017
- 3,406 people in Harris County were living with HIV in 2017

Houston Health Department (HHD): The Role We Play to End HIV

Diagnose
- HIV/STD Screening
- HIV Testing

Treat
- (Re)Linkage to Care
- STD Treatment
- Mobile Clinic

Prevent
- Community Partnerships
- HHD PrEP Clinics
- PrEP Services

Respond
- Molecular HIV Surveillance (MHS)

2018 New HIV Diagnoses in Houston/Harris County

- N = 1214
- Race/Ethnicity:
  - African American: 45%
  - Hispanic/Latino: 38%
  - White: 12%
  - Multi/Unknown/Other: 5%
- Age:
  - 0 - 24: 23%
  - 25 - 34: 38%
  - 35 - 44: 18%
  - 45 - 54: 14%
  - 55+: 8%
- Transmission Risk:
  - Male-to-male sexual activity (MSM): 68%
  - People who inject drugs (PWID): 5%
  - MSM/PWID: 2%
  - Heterosexual contact: 25%
  - Other: 0%

2018 New HIV Diagnoses in Houston

- N = 1011
- Race/Ethnicity:
  - African American: 48%
  - Hispanic/Latino: 37%
  - White: 10%
  - Multi/Unknown/Other: 5%
- Age:
  - 0 - 24: 22%
  - 25 - 34: 38%
  - 35 - 44: 18%
  - 45 - 54: 13%
  - 55+: 8%
- Transmission Risk:
  - Male-to-male sexual activity (MSM): 68%
  - People who inject drugs (PWID): 5%
  - MSM/PWID: 2%
  - Heterosexual contact: 26%
  - Other: 0%

2018 New HIV Diagnoses in Harris County

- N = 203
- Race/Ethnicity:
  - African American: 33%
  - Hispanic/Latino: 41%
  - White: 21%
  - Multi/Unknown/Other: 5%
- Age:
  - 0 - 24: 23%
  - 25 - 34: 33%
  - 35 - 44: 20%
  - 45 - 54: 16%
  - 55+: 8%
- Transmission Risk:
  - Male-to-male sexual activity (MSM): 69%
  - People who inject drugs (PWID): 4%
  - MSM/PWID: 4%
  - Heterosexual contact: 22%
  - Other: 0%

For more information visit: houstontx.gov/health/HIV-STD

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Ending the Epidemic

Transforming our Department

- Decreased clinical services emphasis from primary care to disease prevention and control
- Enhanced ability to respond to emerging infectious diseases and disasters
- Increased focus on adolescent health and youth violence protection
- Increased focus on connecting individuals and families to healthcare, medical support services and insurance
- Building collaborative relationships and engaging the community
- Organizing and implementing large scale events
- Public health leadership at local, state and national levels

Our Accomplishments

- Routine HIV screening to over 110,000 people
- Activated incident command in response to several cases of measles/mumps in Houston and the surrounding areas resulting in the immunization hundreds of Houstonians.
- Began Hepatitis A immunization to prevent homeless outbreaks
- Direct observation of 28,170 doses of TB therapy – (95% completion rate) and obtained funding for video DOT for select clients
- Over 240,000 specimens tested for diagnosis of infectious disease in past year
- Obtained funding and partnered with local hospitals for monitoring of antibiotic resistance and surveillance of health-care acquired infections

Challenges & Opportunities

- CHALLENGES -
  - Lack of policy encouraging routine HIV screening during well exams
  - Over-reliance upon state and federal funds

- OPPORTUNITIES -
  - Expand PrEP access in City of Houston STD clinics
  - Expand DIS response to molecular clusters
  - Expand HEARTS Team by recruiting and hiring personnel from key communities

STD Diagnoses in Houston/Harris County Among Key Populations, 5-Year Trends

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Among women</td>
<td>23,452</td>
<td>25,276</td>
<td>26,989</td>
<td>27,740</td>
<td>27,381</td>
</tr>
<tr>
<td>Among men</td>
<td>17,721</td>
<td>18,715</td>
<td>19,532</td>
<td>19,549</td>
<td>19,023</td>
</tr>
<tr>
<td>Among young adults (ages 15-24)</td>
<td>5,728</td>
<td>6,553</td>
<td>7,402</td>
<td>8,076</td>
<td>8,248</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Among women</td>
<td>6,482</td>
<td>7,290</td>
<td>7,886</td>
<td>8,506</td>
<td>8,377</td>
</tr>
<tr>
<td>Among men</td>
<td>3,323</td>
<td>3,560</td>
<td>3,457</td>
<td>3,353</td>
<td>3,506</td>
</tr>
<tr>
<td>Among young adults (ages 15-24)</td>
<td>3,159</td>
<td>3,729</td>
<td>4,429</td>
<td>4,945</td>
<td>5,303</td>
</tr>
<tr>
<td>All Syphilis (excluding congenital)</td>
<td>410</td>
<td>444</td>
<td>465</td>
<td>492</td>
<td>480</td>
</tr>
<tr>
<td>Among women</td>
<td>410</td>
<td>444</td>
<td>465</td>
<td>492</td>
<td>480</td>
</tr>
<tr>
<td>Among men</td>
<td>1,257</td>
<td>1,572</td>
<td>1,802</td>
<td>2,022</td>
<td>2,223</td>
</tr>
<tr>
<td>Among adults (ages 25-34)</td>
<td>566</td>
<td>718</td>
<td>825</td>
<td>967</td>
<td>1,098</td>
</tr>
<tr>
<td>Primary and Secondary Syphilis</td>
<td></td>
<td></td>
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<tr>
<td>Among women</td>
<td>307</td>
<td>376</td>
<td>392</td>
<td>349</td>
<td>326</td>
</tr>
<tr>
<td>Among men</td>
<td>54</td>
<td>59</td>
<td>51</td>
<td>39</td>
<td>55</td>
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<tr>
<td>Among adults (ages 25-34)</td>
<td>253</td>
<td>317</td>
<td>341</td>
<td>310</td>
<td>272</td>
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<tr>
<td></td>
<td>119</td>
<td>131</td>
<td>155</td>
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<td>144</td>
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</tbody>
</table>

All data is for Houston/Harris County OCMC, based on year of diagnosis
Data Source: OCMC Central STD/MIS Database, Exported and Analyzed by the Houston Health Department (HHD) Data as of 8/2/2018