"ETE’s key benchmark is lowering annual incident HIV infections to 750 by the end of 2020."
Time to AIDS Diagnosis for New HIV Cases that Were Not Concurrent HIV/AIDS Diagnoses, NYS by Year of HIV Diagnosis

- **2002**: 20% of persons diagnosed with HIV(non-AIDS) developed AIDS within 2 years
- **2011**: 10% of persons diagnosed with HIV(non-AIDS) developed AIDS within 2 years
NHAS Goals for 2020

*NHAS specifies goal only for RW program participants; NYS all-case result is presented for reference.

**NHAS goal is 20% increase in the proportion of MSM, Black and Hispanic PLWDHI who are virally suppressed. This NYS NHAS goal is calculated as 20% increase for all PLWDHI.

‡ 2010 viral load baseline data calculated from test closest to the end of the year.
Age Adjusted Rate of Primary and Secondary Syphilis by Gender and Year, NYS excl NYC, 1999-2014

- **Males**: 385 cases in 2014
- **Total**: (Graph showing a rising trend)
- **Females**: 16 cases

Graph showing the case rates per 100,000 population over the years 1999 to 2013, with a notable increase in recent years. The graph is from the New York State Department of Health.
New York State Cascade of HIV Care, 2013
Persons Diagnosed in NYS† & Living at End of 2013

- Estimated HIV Infected Persons: 155,000
- Persons Living w/ Diagnosed HIV Infection: 134,000 (86% of infected)
- Cases w/any HIV Care during the year*: 86,000 (55% of infected, 64% of PLWDHI)
- Cases w/continuous care during the year**: 74,000 (48% of infected, 55% of PLWDHI)
- Virally suppressed (n.d. or ≤200/ml) at test closest to end-of-year: 70,000 (45% of infected, 52% of PLWDHI, 82% of cases w/any care)

* Any VL or CD4 test during the year
** At least 2 tests, at least 3 months apart

† Persons with residence in NYS at the time of diagnosis alive as of December 31, 2013.
New York State Cascade of HIV Care, 2013

Persons Residing in NYS† at End of 2013

- Estimated HIV Infected Persons: 131,000
- Persons Living w/ Diagnosed HIV Infection: 112,000 (86% of infected)
- Cases w/any HIV Care during the year*: 87,000 (66% of infected, 77% of PLWDHI)
- Cases w/continuous care during the year**: 74,000 (57% of infected, 66% of PLWDHI)
- Virally suppressed (n.d. or ≤200/ml) at test closest to end-of-year: 71,000 (54% of infected, 63% of PLWDHI, 82% of cases w/any care)

* Any VL or CD4 test during the year
** At least 2 tests, at least 3 months apart

† Persons presumed to be residing in NYS based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for 5 years and persons with diagnosed HIV (non-AIDS) with no evidence of care for 8 years.
PrEP and nPEP Data Sources

- PCIP
- NYS Medicaid
- AIRS
- Community Health Center Surveys
- Gilead
HIV Testing Data Sources

✓ BRFSS and CHS Testing Qx PCIP
✓ Medicaid # / % of persons tested ever
✓ By year in AIDS Institute Reporting System (AIRS)
✓ NYC Contractor Data Reporting System
✓ % undiagnosed estimates (models and ED survey)
✓ IPRO review findings
Syringe Access and IDU related cases

AIRS data
New York State Syringe Exchange Programs & Sites, by Outpatient Emergency Department Rates due to Opiate-Related Causes, 2014
Downstate NY Syringe Exchange Programs & Sites, by Outpatient Emergency Department Rates due to Opiate-Related Causes, 2014
Key populations

• All areas are reviewed by population.
• Special studies for new immigrants, transgender men and women, and young men who have sex with men (YMSM) of color.
• Men who have sex with men.
**Newly Diagnosed HIV Cases* and HIV Incidence Estimates**
By Year of Diagnosis, New York State & NYS Persons
With MSM Risk, 2001-2013

<table>
<thead>
<tr>
<th>Year</th>
<th>New HIV Diagnoses</th>
<th>New MSM Diagnoses</th>
<th>NYS Incidence Estimate</th>
<th>MSM Incidence Estimate</th>
<th>MSM Incidence as % of NYS Incidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>6,793</td>
<td>1,901</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2002</td>
<td>6,070</td>
<td>1,781</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td>5,535</td>
<td>1,788</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>5,149</td>
<td>1,852</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>5,180</td>
<td>1,958</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>4,878</td>
<td>1,904</td>
<td>4,829</td>
<td>2,746</td>
<td>56.9%</td>
</tr>
<tr>
<td>2007</td>
<td>4,783</td>
<td>1,948</td>
<td>5,191</td>
<td>3,310</td>
<td>63.8%</td>
</tr>
<tr>
<td>2008</td>
<td>4,641</td>
<td>1,973</td>
<td>4,240</td>
<td>2,425</td>
<td>57.2%</td>
</tr>
<tr>
<td>2009</td>
<td>4,609</td>
<td>2,009</td>
<td>3,631</td>
<td>2,420</td>
<td>66.6%</td>
</tr>
<tr>
<td>2010</td>
<td>4,165</td>
<td>1,970</td>
<td>3,051</td>
<td>2,066</td>
<td>67.7%</td>
</tr>
<tr>
<td>2011</td>
<td>3,996</td>
<td>1,985</td>
<td>3,628</td>
<td>2,531</td>
<td>69.8%</td>
</tr>
<tr>
<td>2012</td>
<td>3,706</td>
<td>1,933</td>
<td>3,000</td>
<td>2,105</td>
<td>70.2%</td>
</tr>
<tr>
<td>2013</td>
<td>3,512</td>
<td>1,941</td>
<td>2,925</td>
<td>2,070</td>
<td>70.8%</td>
</tr>
</tbody>
</table>


**Based on NYS and NYC January 2015 eHARS data. Incidence estimates began in 2006.
Thank you.

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