HIV Infection in New York State
HIV Care Outcomes Among Women

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Presentation Outline

• Epidemiology of HIV infection among females in New York State
• HIV care outcomes
  – Continuity of HIV care and HIV viral suppression
• Summary
Newly Diagnosed HIV Cases Among Females by Year of HIV Diagnosis
New York State, 2003-2013

- 3,512 total new diagnoses in 2013
- 21% were female
Living Cases of HIV/AIDS: Females Residing in NYS at the End of 2013

- There were 112,462 persons were living with diagnosed HIV infection (PLWDHI)
  - 30% (n=33,185) were female

Females
- Race/ethnicity
  - 54% Black; 31% Hispanic; 10% White
- Age
  - 31% <30 years
  - 35% 30-39 years
  - 23% 40-49 years
  - 11% 50+ years
- HIV transmission risk
  - 80% heterosexual contact
  - 17% injection drug use
- Residence at the end of 2013
  - 78% resided in NYC; 22% in areas outside of NYC
HIV Care Outcomes
Cascade of HIV Care Among Females
Persons Residing in NYS† at End of 2013

- Estimated HIV Infected Persons‡: 37,500
- Persons Living w/ Diagnosed HIV Infection: 33,200
- Cases w/any HIV Care during the year*: 26,700 (81% of PLWDHI)
- Cases w/continuous care during the year**: 23,300 (70% of PLWDHI)
- Virally suppressed at test closest to end-of-year***: 21,000 (63% of PLWDHI; 79% of cases w/any care)

‡ 11.4% are infected and unaware, based on CDC estimate; * Any VL or CD4 test during the year; ** At least 2 tests, at least 3 months apart; *** Non-detectable viral load or viral load ≤200/ml
New York State HIV Care Measures and NHAS Targets, Females

**Newly Diagnosed (a), PLWDHI (b)**

- **Linked to Care (a)**
  - NYS 2013: 83%
  - NYS Females, 2013: 85%
  - NHAS Targets*: 85%

- **Retained in Care (b)**
  - NYS 2013: 67%
  - NYS Females, 2013: 70%
  - NHAS Targets*: 90%

- **Virally Suppressed (b)**
  - NYS 2013: 63%
  - NYS Females, 2013: 63%
  - NHAS Targets*: 80%

*The NHAS linkage to care proportion is based on the 2015 target; retention in care and HIV viral suppression are the updated 2020 targets.

Linkage to care within 90 days; Retained in care- ≥2 visits/year, ≥3 months apart; Virally Suppressed- viral load ≤ 200 copies/ml or non-detectable.
Females: Viral Suppression by Race/Ethnicity*, NYS 2013

*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.

**16 women were Native Am.
Females: Viral Suppression by Age*, NYS 2013

*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.
Data Summary

- New diagnoses among women declined by almost 60% in the decade prior to 2013

**HIV care outcomes**
- Linkage within 3 months of diagnosis meets the 2015 NHAS target
- Retention in care and HIV viral suppression are below the 2020 NHAS targets

**HIV viral suppression**
- Minorities represent the largest proportion of HIV-infected women but a lower proportion are suppressed compared to white women
- Relatively low among women aged 20-29 years
Thank you.

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For more data on HIV in New York State, please visit http://www.health.ny.gov/diseases/aids/statistics/

Data requests to:
BHAЕ@health.ny.gov

*Thank you to the staff of BHAЕ for their efforts in assuring the quality and completeness of the NYS HIV Surveillance Registry*