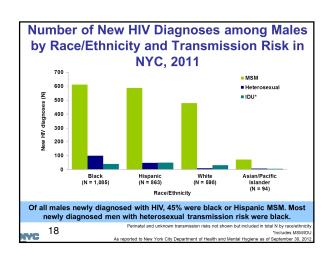
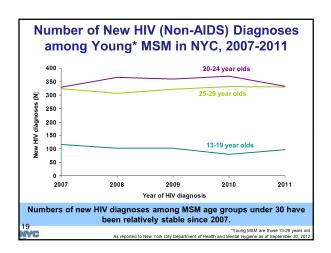
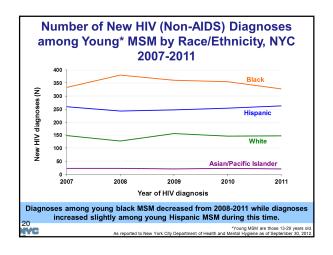
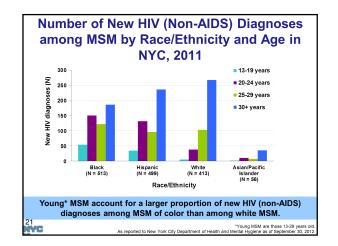


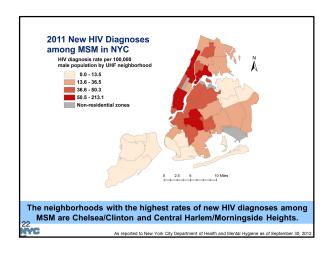
# HIV/AIDS among MSM in NYC, 2011 Basic Statistics • 2,645 new HIV diagnoses among males • 1,749 new HIV diagnoses among MSM (66% of male diagnoses) – Includes 265 HIV concurrent with AIDS diagnoses (15%) – Excludes 45 new HIV diagnoses among MSM/IDU • 804 new AIDS diagnoses among MSM • 39,846 MSM living with HIV/AIDS (35% of all PLWHA) • 293 deaths among MSM with HIV/AIDS (8.0 deaths per 1,000 MSM with HIV/AIDS\*)





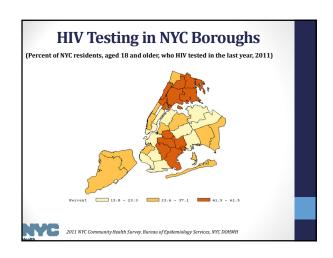


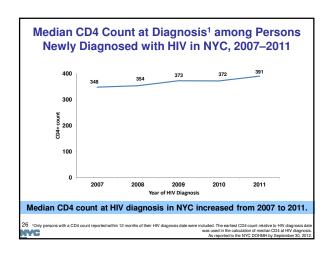


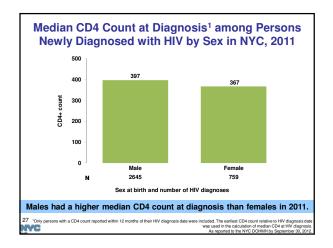


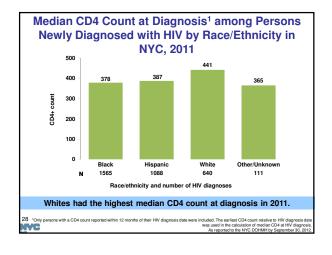
	N	%
Sex		
Male	178	86.8
Female	27	13.2
Race/ethnicity		
Black	69	33.7
Hispanic	71	34.6
White	56	27.3
Other*	9	4.4
Age group (years) at diagnosis		
13-19	14	6.8
20-29	96	46.8
30-39	50	24.4
40-49	33	16.1
50-59	11	5.4
60+	1	0.5

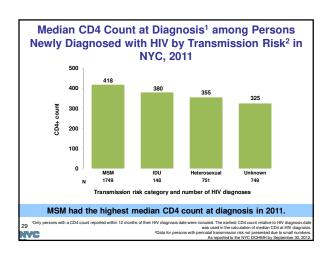
Care and clinical status of persons with HIV/AIDS in NYC in 2011 as based on HIV surveillance data

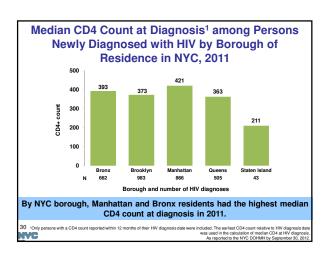


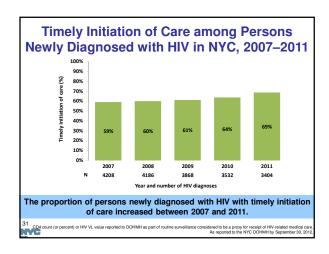


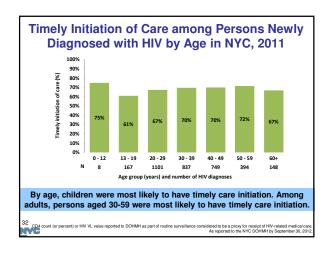


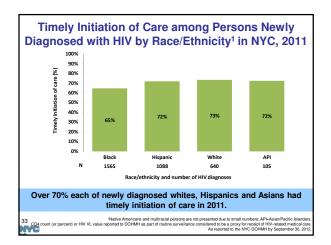


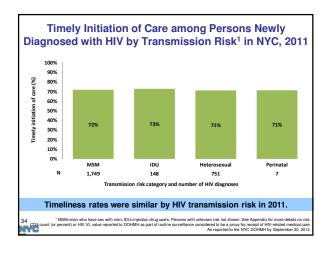


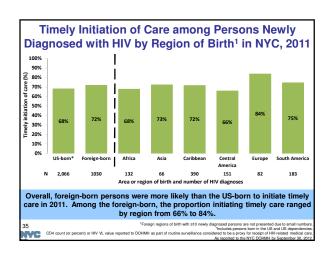


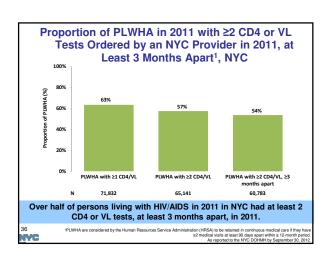


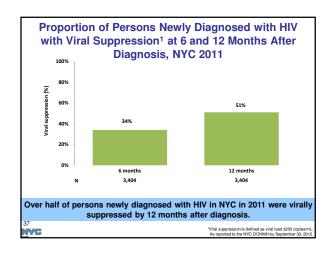


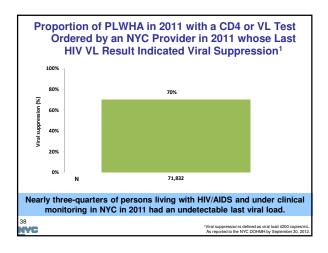


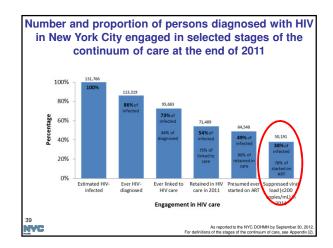


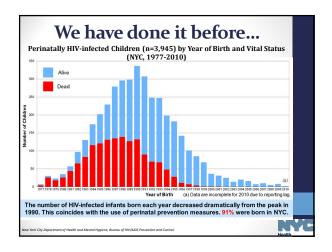












# **Thank You**

# **Acknowledgements**

Sarah Braunstein Katie Lewis Julie Myers Colin Shepard Monica Sweeney Ben Tsoi Jay Varma

NYC

# Appendix Technical notes (1)

- Data presented by borough exclude persons with unknown residence or living outside of NYC. The proximity of HIV-infected New Yorkers to HIV medical care providers with offices outside of NYC may account for differences in care initiation by borough. Because the HIV Epidemiology and Field Services Program does not receive HIV laboratory reports from providers located outside of NYC, receipt of HIV-related medical care may be underestimated for NYC residents receiving care from providers outside of NYC, and for former NYC residents who have re-located permanently to another jurisdiction where they live and receive care.
- Newly diagnosed persons who die during the follow-up period (e.g., within 3 months from diagnosis for linkage analyses) are included in the denominator.
- Heterosexual risk includes persons who had heterosexual sex with an HIV-infected person, an injection drug user, or a person who has received blood products. For females only, heterosexual risk also includes history of prostitution, multiple sex partners, sexually transmitted disease, crack/cocaine use, sex with a bisexual male, probable heterosexual transmission as noted in medical chart, or sex with a male and negative history of injection drug use.
- Unless otherwise noted, numbers and percents are rounded to the nearest whole number or nearest tenth.
- As noted throughout, the analyses summarized in this slide set utilized CD4 and viral load tests
  reported to surveillance as proxies for the receipt of HIV-related medical care. Because CD4 and
  viral load tests are a proxy rather than direct measure of the receipt of HIV-related medical care,
  some patients may be misclassified as having received HIV-related medical care when they did
  not, and vice versa. Furthermore, the validity of CD4 and viral load tests as a proxy for HIVrelated medical care may vary during the lifetime of a PLWHA.

NYC

# **Appendix** Technical notes (2)

- Technical notes and definition for Sidied 33, "NYC Continuum of care":

   "Estimated HIV-infected": equal to the number of persons diagnosed with and presumed living with HIV in NYC at the end of 2011 (PLWHA), divided by the estimated proportion of all HIV-infected persons in NYC who have been diagnosed. An emergency room serosurvey established this proportion as 86%. Source: Eavey JJ, Torian LV, Jabionsky A, Nickerson JE, Feltig JF, Leider J, Calderon Y. Undiagnosed HIV Infection in a New York City Emergency Room: Results of a Blinded Serosurvey, December 2009-January 2010. 15th International AIDS Conference, 2012, Washington, DC. Abstract! THEYE282.

   "HIV diagnosed": PLWHA as of 1231/2011, per surveillance case reporting.

  "Ever Excels to HIV reac". Any virtal lead (v) per CM count for the values of 2011.
  - "Ever linked to HIV care": Any viral load (VL) or CD4 count drawn in the years 2001-2011 and received after HIV diagnosis following a 7-day lag, and reported to DOHMH HIV
  - "Retained in HIV care in 2011": VL or CD4 count or CD4 percent drawn in 2011, and
- "Retained in HIV care in 2011": VL or CD4 count or CD4 percent drawn in 2011, and reported to DOHMH HIV surveillance.

  "Presumed ever started on ART": Suppressed VL (s200 copies/mL) reported to DOHMH HIV surveillance at any point from 2001-2011.

  "Suppressed viral load in 2011": Most recent VL drawn in 2011 and reported to NYC DOHMH HIV surveillance was \$200 copies/mL



# **Appendix Definitions and Statistical Notes**

## Definitions

- "HIV diagnoses" include diagnoses of HIV (non-AIDS) and HIV concurrent with AIDS, unless otherwise specified.
  "New HIV diagnoses" include individuals diagnosed during the reporting period and reported in NYC.
- "Death rates" refer to deaths from all causes, unless otherwise specified.
- Death rates frein to Jeans from a causes, unless on neimber speciment of the control of the cont

- Statistical notes:

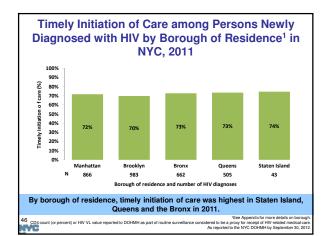
  Sidies showing death rates by race/ethnicily from 2008 on reflect a redistribution and expansion of race/ethnicily categories (see Technical notes at: http://www.nyc.gov/itml/dohidownloads/pdf/ah/new\_race\_def\_dec09.pdf). Artifactual changes in rates between years may be particularly pronounced for groups of small size.

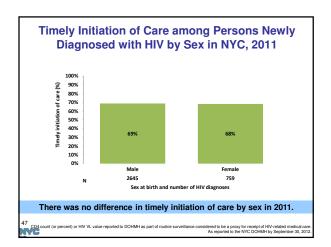
  Data on new diagnoses and deaths among Native Americans in NYC are routinely collected, but are not presented in this side set because of small numbers.

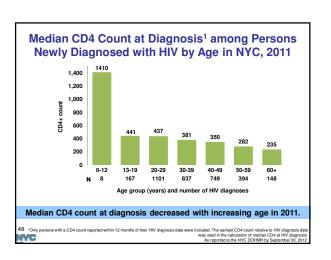
  Data related to trends in HIV/AIDS among ternales should be interpreted with caution given an Collected of the collected o

# HIV/AIDS in New York City, 2011

- · 3,404 new HIV diagnoses (41.6 diagnoses per 100.000 persons)
  - 2,734 HIV without AIDS
  - 670 HIV concurrent with AIDS (19.7%)
- · 2,208 new AIDS diagnoses
  - Includes 670 concurrent HIV/AIDS diagnoses
- · 113,319 persons living with HIV/AIDS
  - 1.4% of the population of NYC
- 1,690 deaths among persons with HIV/AIDS (14.9 deaths per 1,000 persons)







# Who is Considered Transgender by NYC HIV/AIDS Surveillance?

- Persons whose current gender identity differs from their sex assigned at birth\*
- Persons classified as transgender can be of any sexual orientation, and may or may not have received hormone therapy or sex reassignment surgery

NVC

""Sex assigned at birth" refers to make or female sex that was assigned to a person at birth based on their anatomy. The phrase is equivalent meaning to "sex at birth" and acknowledges that, for instance, some transgender persons assigned male sex at birth and identifying as wom

# How is Transgender Status\* Collected by NYC HIV/AIDS Surveillance?

- Collected routinely since 2005 for newly reported cases
- Must be reported by medical provider as transgender or documented in medical record, either of which may reflect patient report
- Requires accurate collection of both sex assigned at birth and current gender identity
- Surveillance classifies all transgender persons as one of:
  - Transgender woman (MTF) = male-to-female, male sex assigned at birth and identifies as a woman
  - Transgender man (FTM) = female-to-male, female sex assigned at birth and identifies as a man

MARC

"Transgender status" refers to whether data indicate that a person is or is not transgender. Some refer to this as "transgender identity,"

# New HIV Diagnoses among Transgender Persons in NYC, 2007–2011 Basic Statistics

- 191 new HIV diagnoses in 2007–2011
  - 189 transgender women (MTF; 99%)
  - 2 transgender men (FTM; 1%)
- Includes 27 diagnoses of HIV concurrent with AIDS\* (14%)
- Transgender persons comprised 1% of all new HIV diagnoses in NYC in 2007–2011

NVE

As reported to the New York City Department of Health and Mental Hygiene by September 30, 2

# New HIV Diagnoses among Transgender Persons in NYC, 2011 Basic Statistics

- 31 new HIV diagnoses in 2011
  - 31 transgender women (MTF; 100%)
  - 0 transgender men (FTM; 0%)
- Includes 5 diagnoses of HIV concurrent with AIDS\* (16%)
- Transgender persons comprised 1% of all new HIV diagnoses in NYC in 2011

NYC

\* AIDS diagnosis within 31 day of HIV diagnosis; suggests late diagnosis of H As reported to the New York City Department of Health and Mental Hygiene by September 30, 20\*

