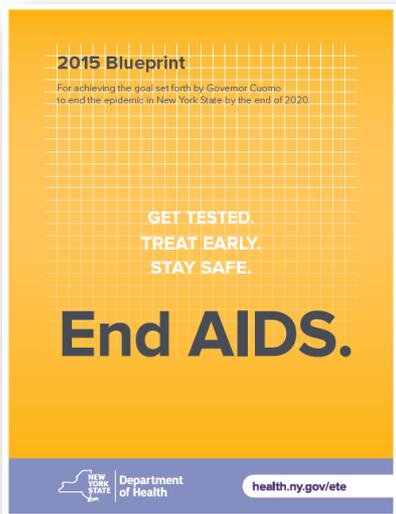


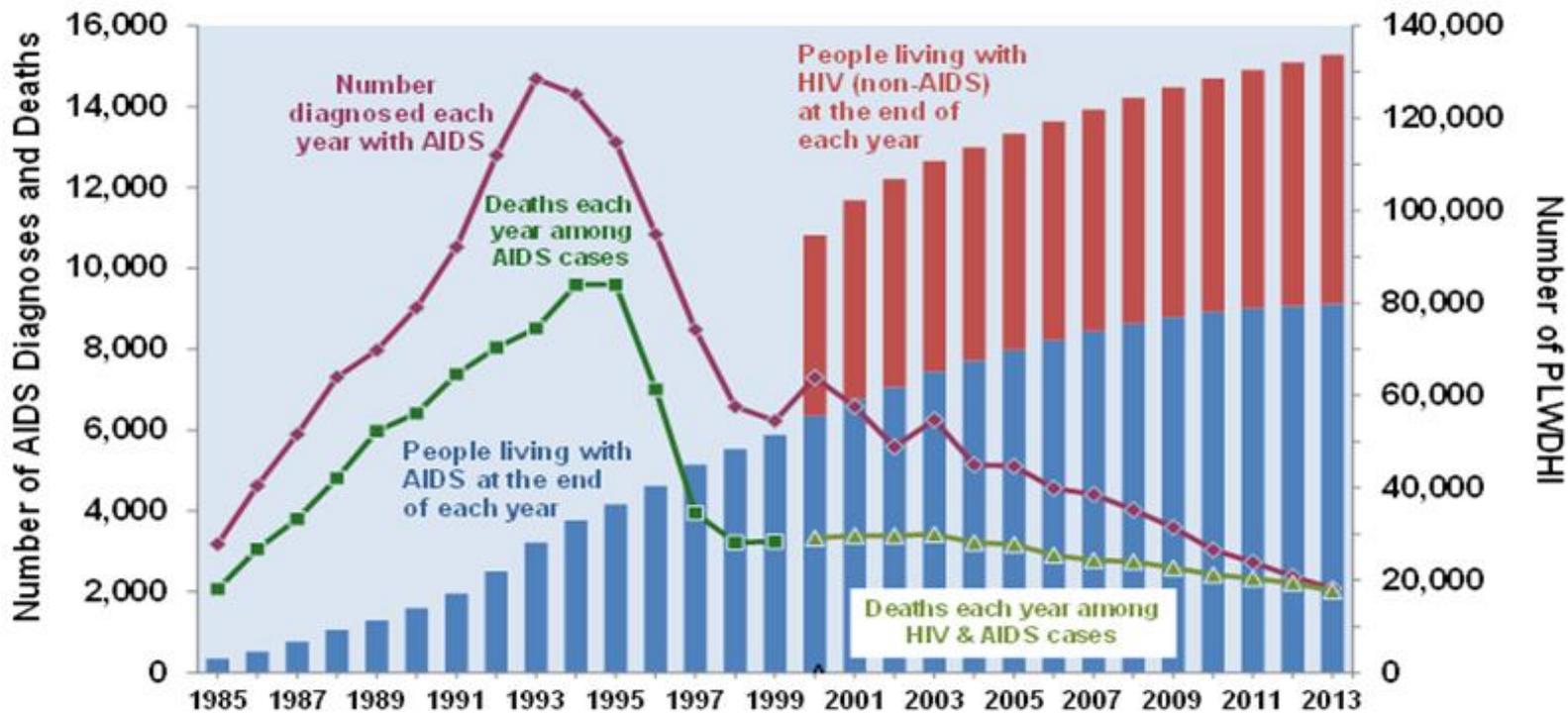
# Ending the Epidemic Bench Marks



”ETE’s key benchmark is lowering annual incident HIV infections to 750 by the end of 2020.”

- HIV Incidence**  
*for example:* Estimated number of new infections (750)
- HIV prevalence**  
*for example:* Deaths; new diagnoses; acute infections; incidence
- Disease Stage Progression**  
*for example:* Analysis of timing of progression from HIV to AIDS; CD4 count analyses
- STD Prevention is HIV Prevention**  
*for example:* STD rates; new diagnoses; STD and HIV co-infection
- Viral Suppression**  
*for example:* Cascade of Care
- Stigma**  
*for example:* Positive Pathways in DOCCS facilities
- Housing**
- PrEP and nPEP**
- HIV Testing**
- Syringe Access**
- Key Populations**

## Trends in HIV and AIDS Cases\* New York State, 1984 – 2013\*\*



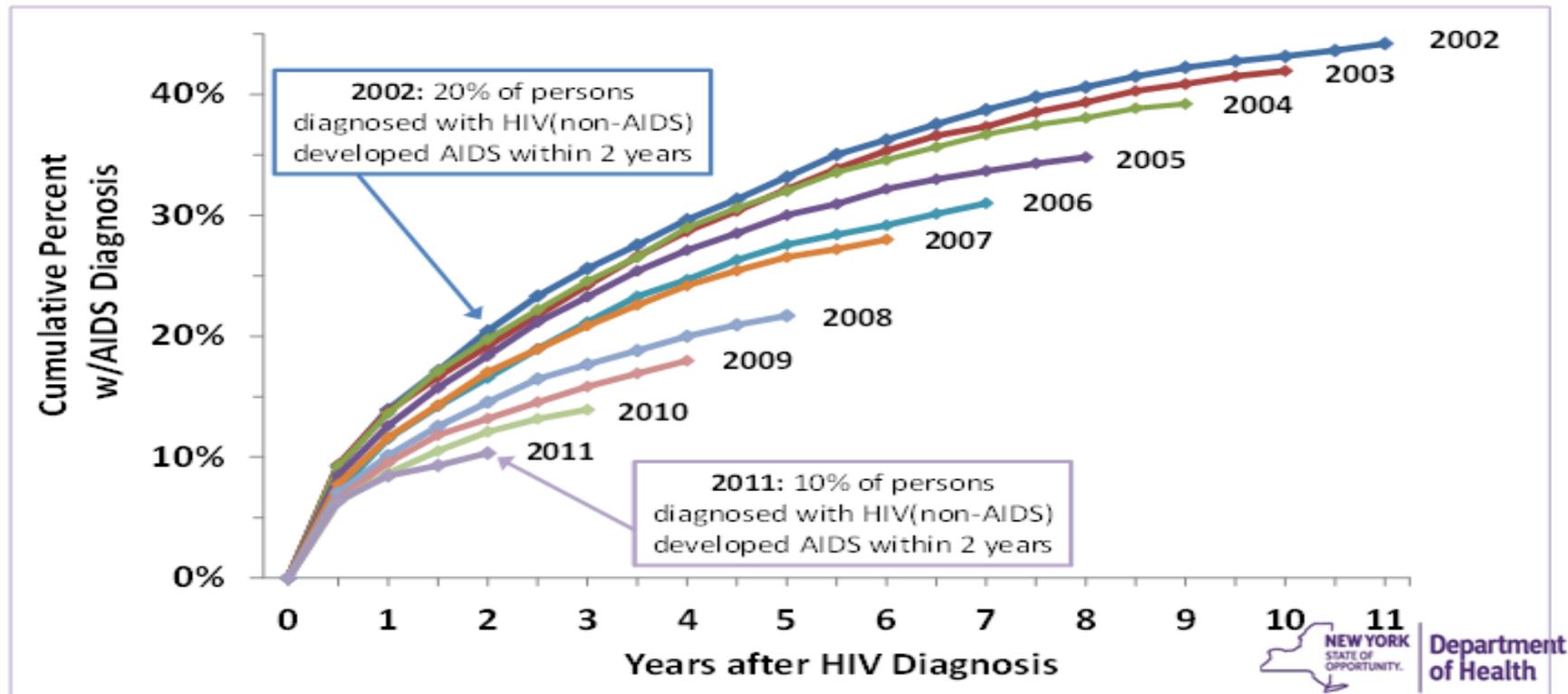
\*Data as of February 2015

\*\*Data for 2013 are provisional.

^HIV named reporting began in NYS in 2000

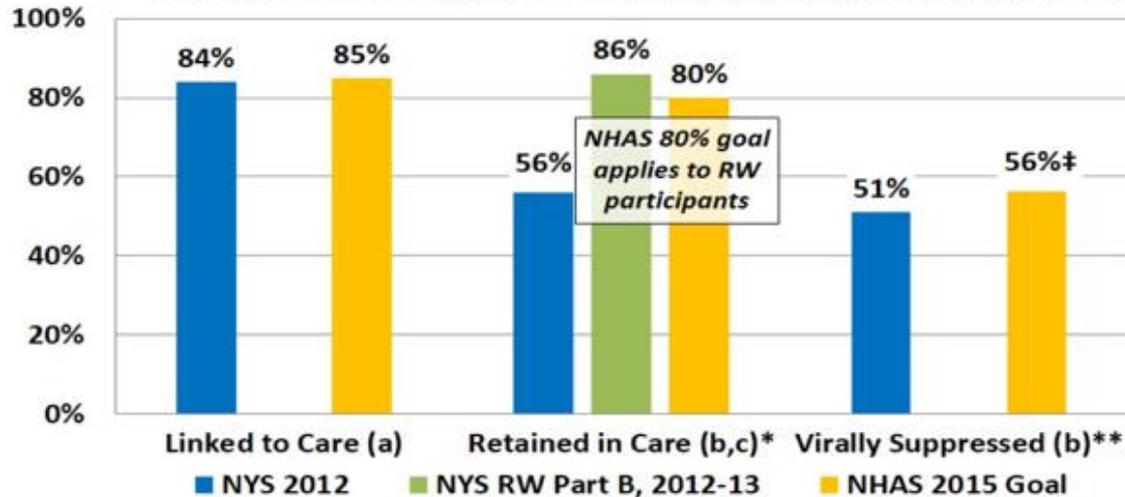


## Time to AIDS Diagnosis for New HIV Cases that Were Not Concurrent HIV/AIDS Diagnoses, NYS by Year of HIV Diagnosis



## NHAS Goals for 2015 and New York State Measures for 2012-13

Newly Diagnosed (a), PLWDHI (b), Ryan White Participants (c)



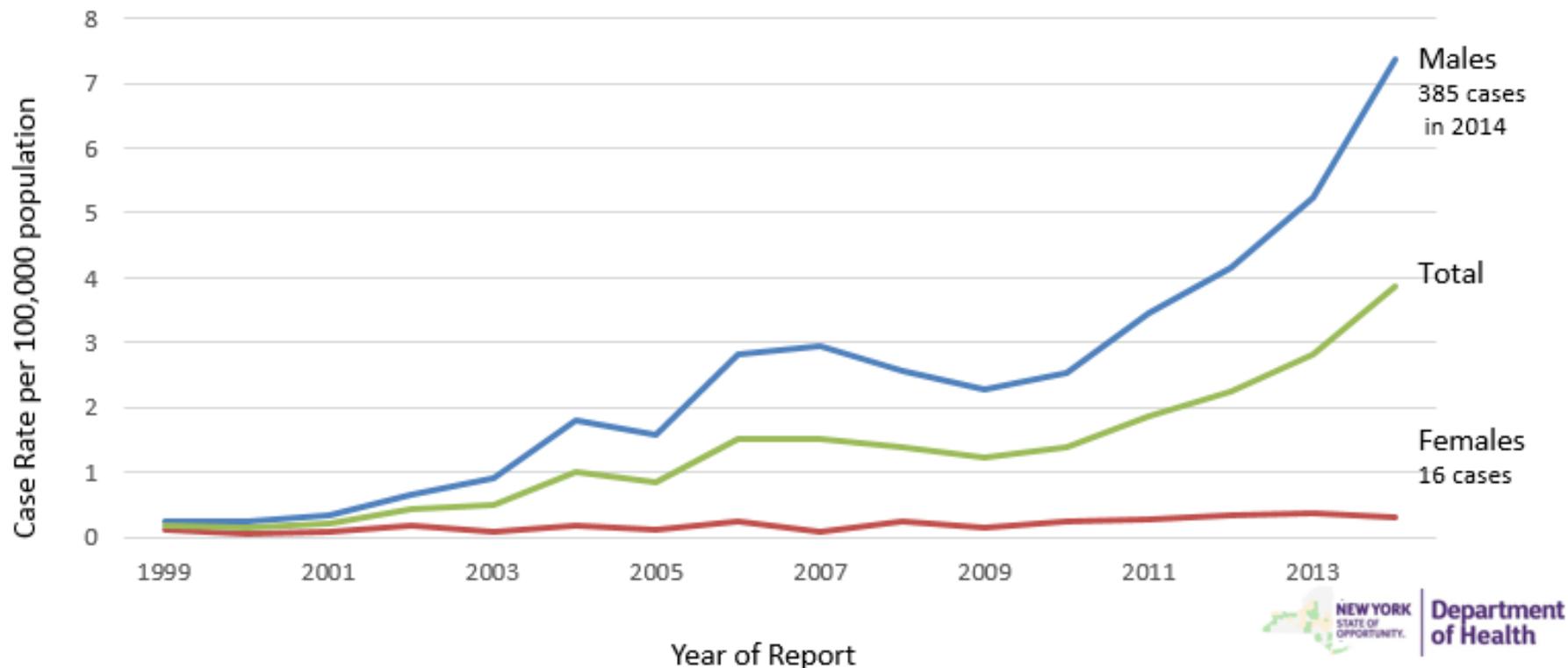
\*NHAS specifies goal only for RW program participants; NYS all-case result is presented for reference.

\*\*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.

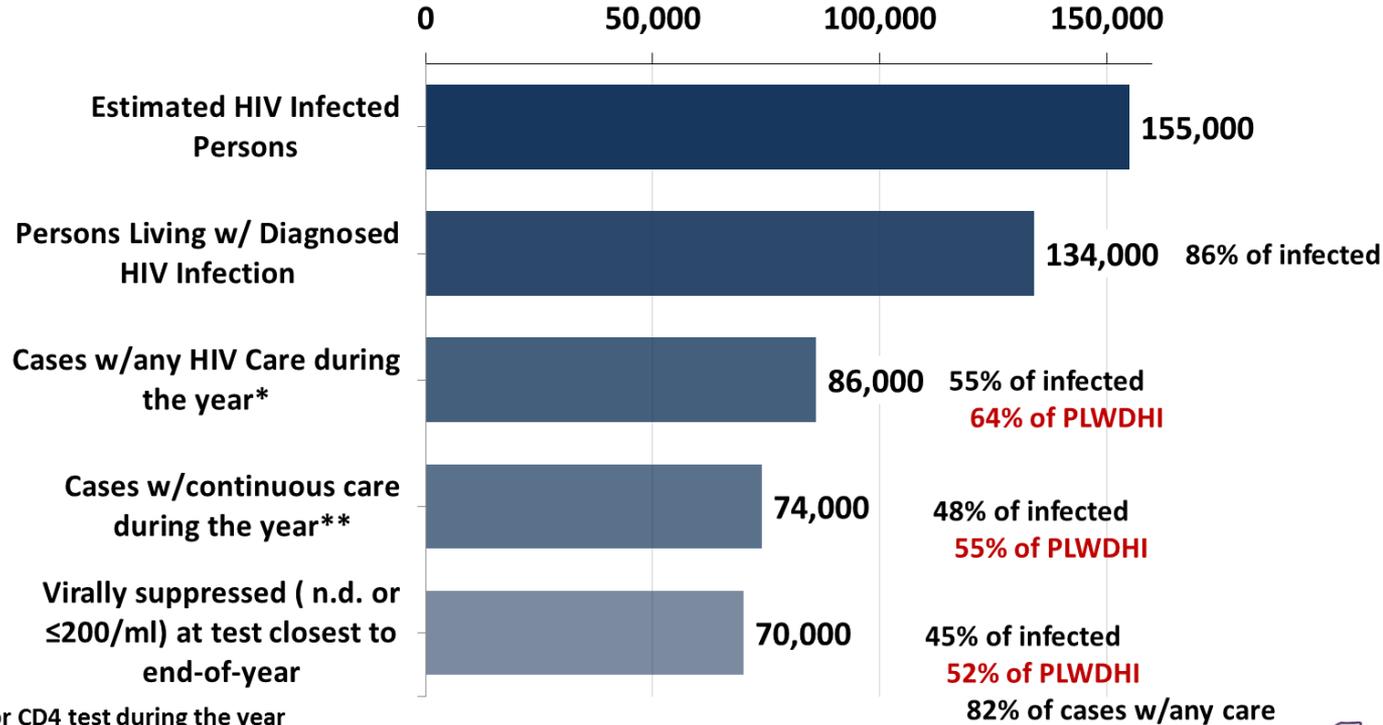
## NHAS Goals for 2020 ??

## Age Adjusted Rate of Primary and Secondary Syphilis by Gender and Year, NYS excl NYC, 1999-2014



# New York State Cascade of HIV Care, 2013

## Persons Diagnosed in NYS<sup>†</sup> & Living at End of 2013



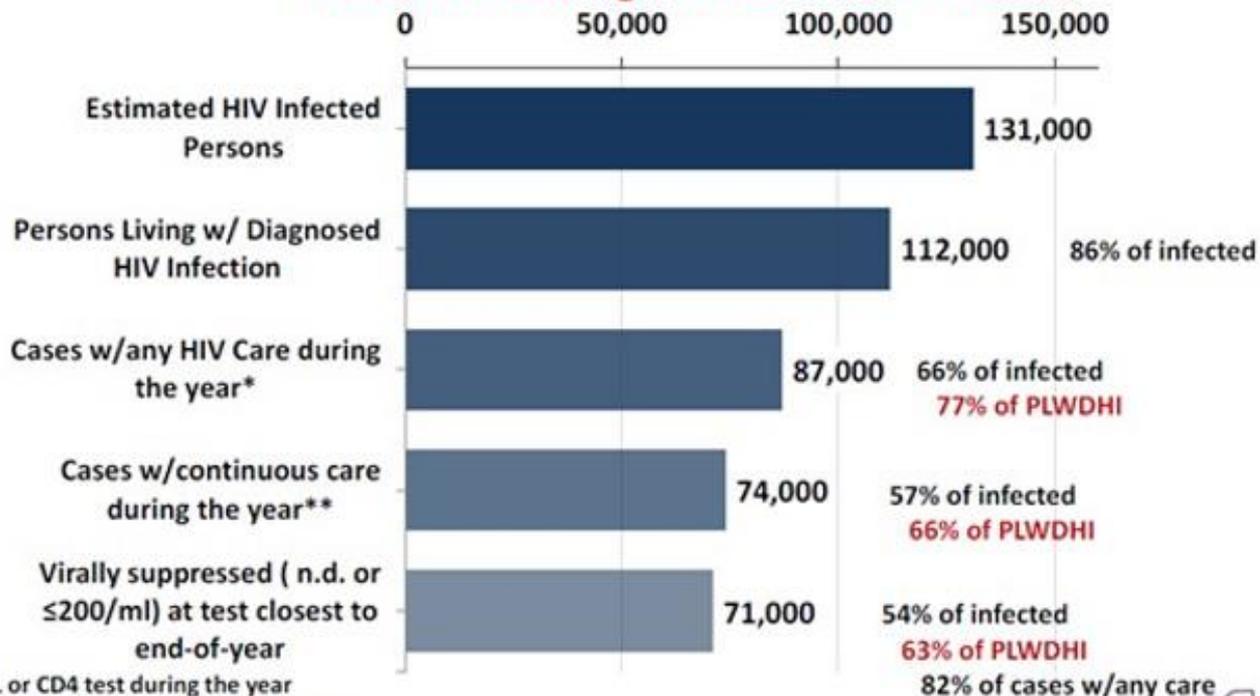
\* Any VL or CD4 test during the year

\*\* At least 2 tests, at least 3 months apart

<sup>†</sup> 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<sup>†</sup> at End of 2013



\* Any VL or CD4 test during the year

\*\* At least 2 tests, at least 3 months apart

<sup>†</sup> 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.



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of Health

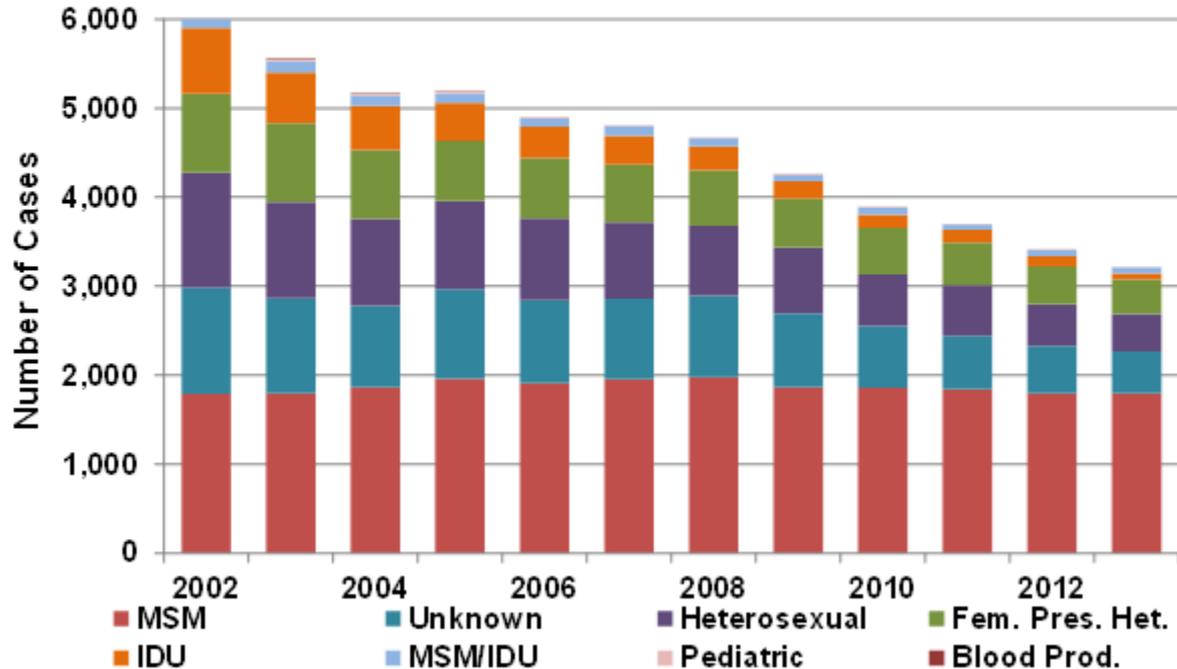
# PrEP and nPEP Data Sources

- ✓ 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

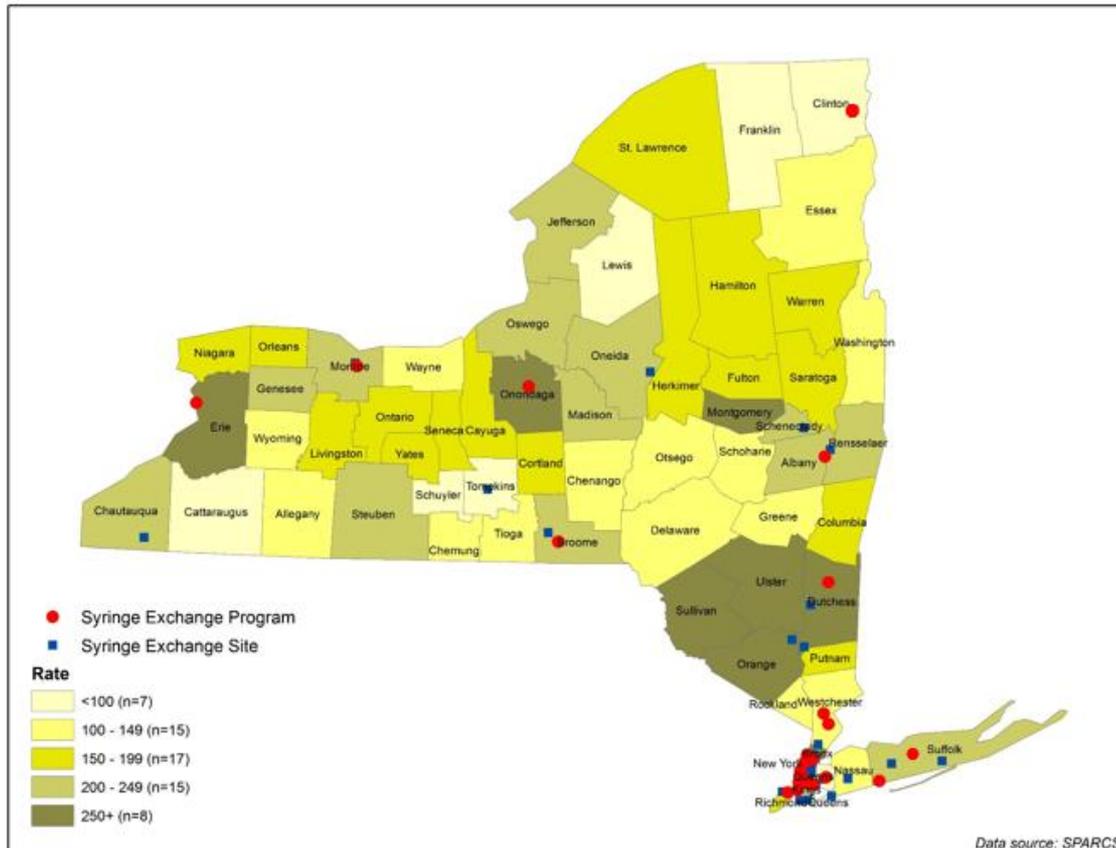
## Newly Diagnosed HIV Cases by Year of Diagnosis and Transmission Risk, New York State, 2002-2013\*



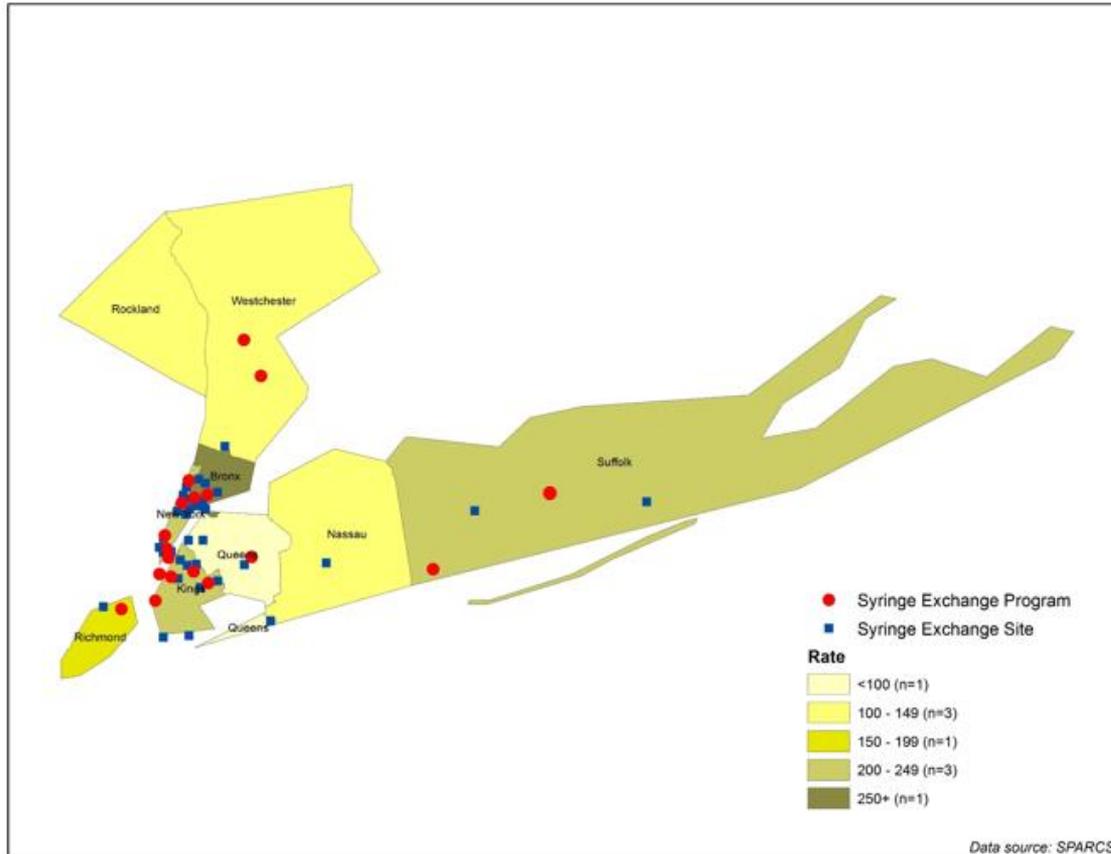
Syringe Access and IDU related cases

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

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

\*Named HIV reporting began in June, 2000. Data as of April 2015.

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



Thank you.

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