



**Department  
of Health**

# **Ending the Epidemic and Older Adults: Case Counts and Care Data**

**December 9, 2015**

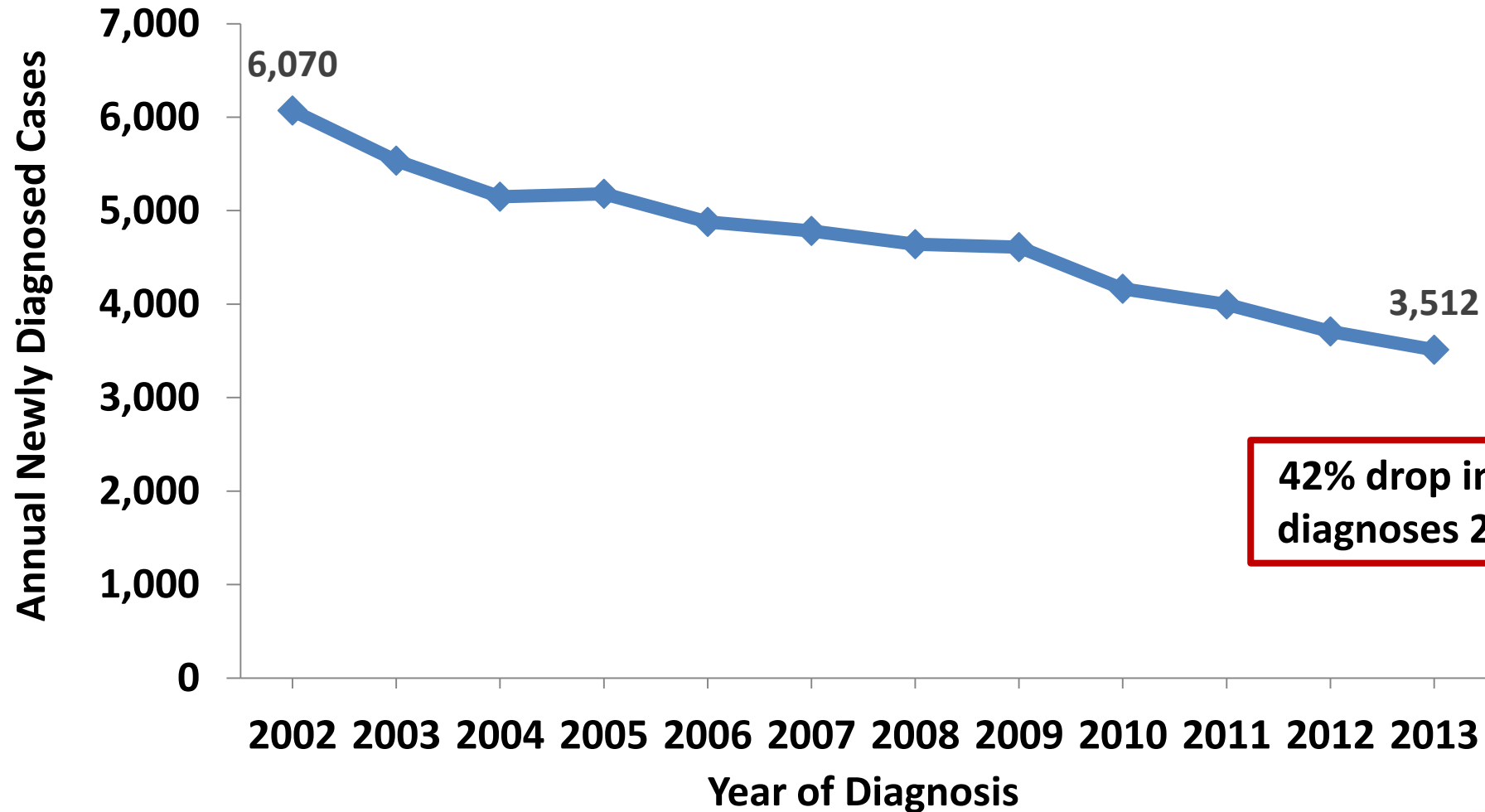
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# Today's Presentation

- Newly Diagnosed Cases
- Persons Living with Diagnosed HIV Infection (PLWDHI)
- Population Projection (2032)
- Measures of Linkage and Retention
- Observations

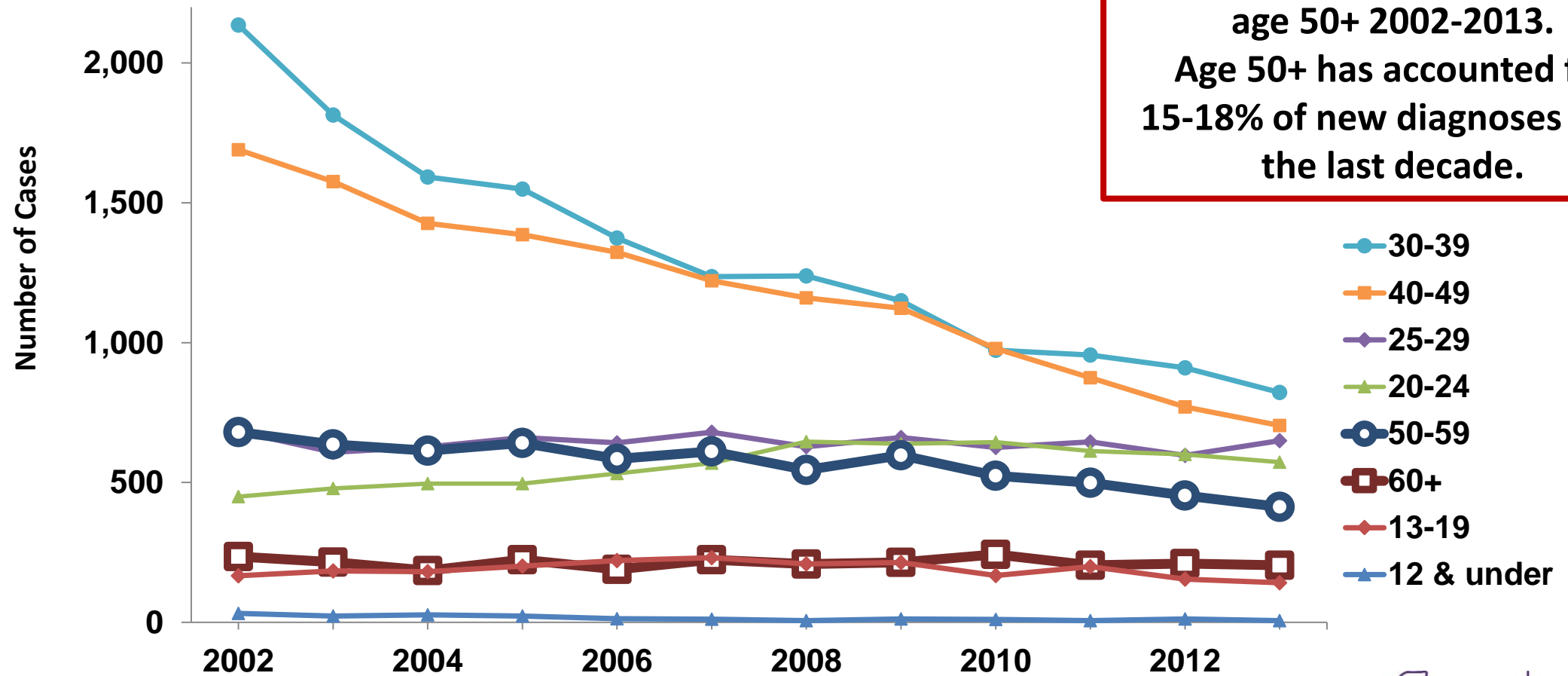
# New diagnoses

## Newly Diagnosed HIV Cases New York State, 2002-2013\*



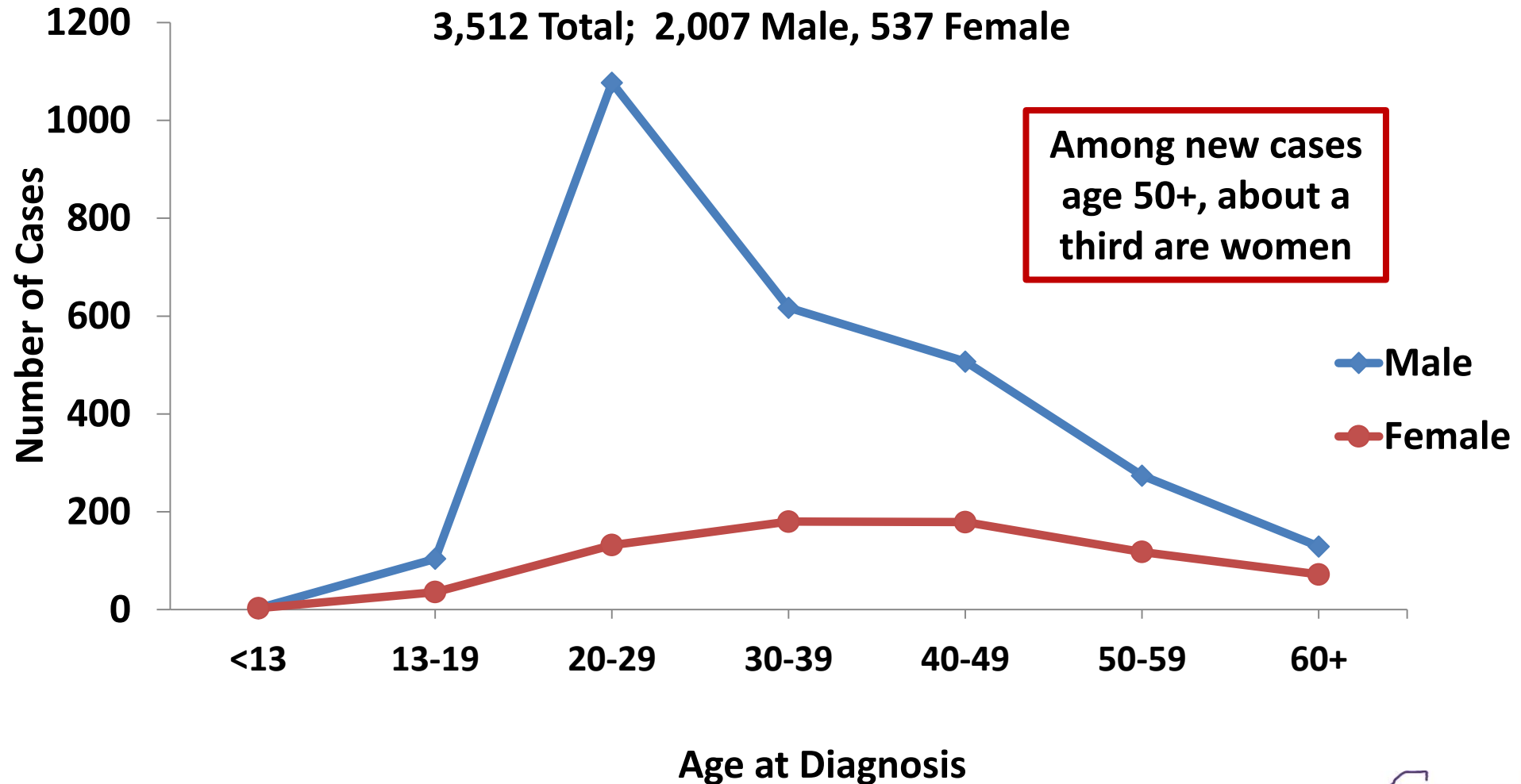
\*Data as of April 2015

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



\*Data as of April 2015

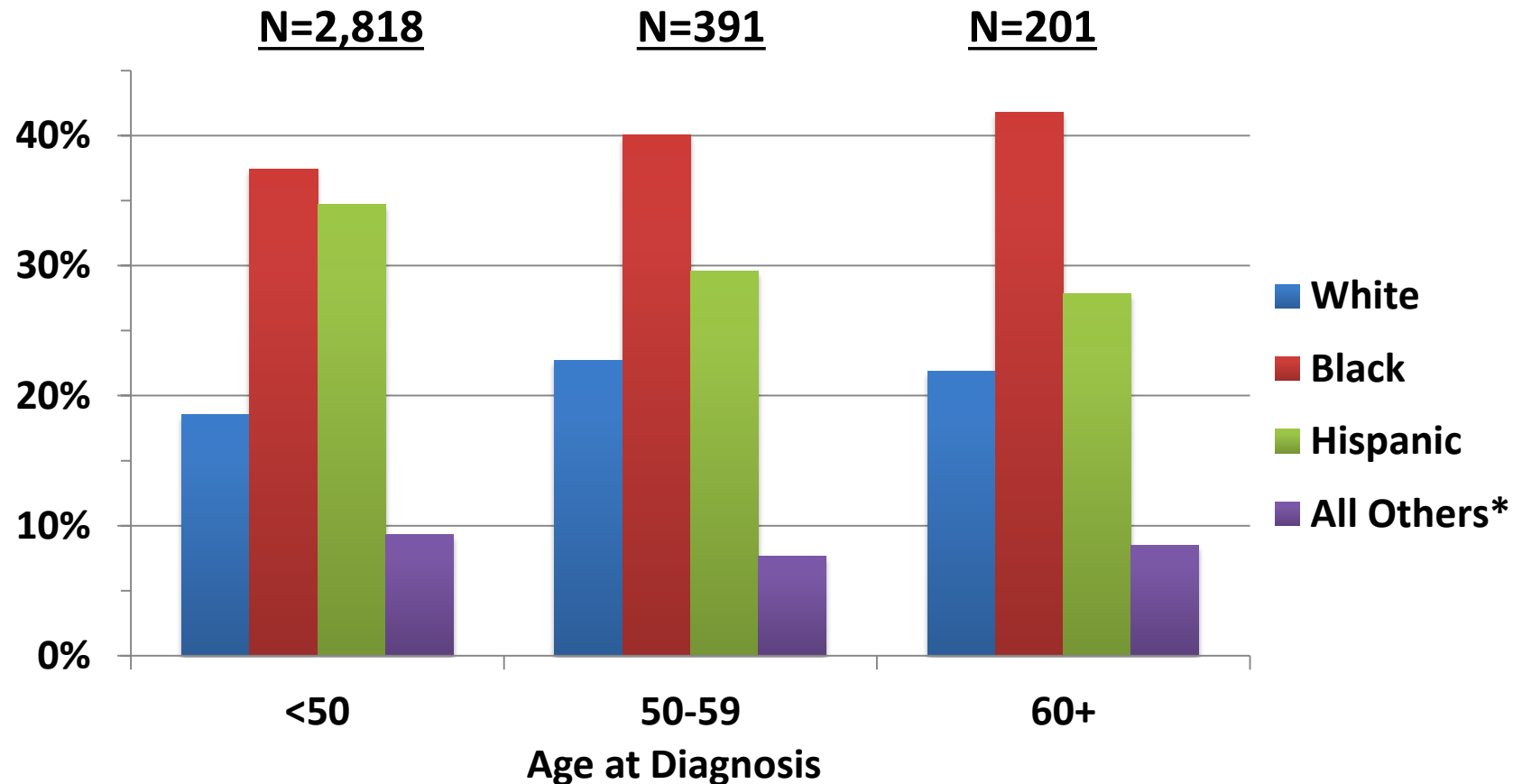
## Age Distribution of Newly Diagnosed HIV\* Cases New York State, 2013\*\*



\*Regardless of subsequent or concurrent AIDS diagnosis

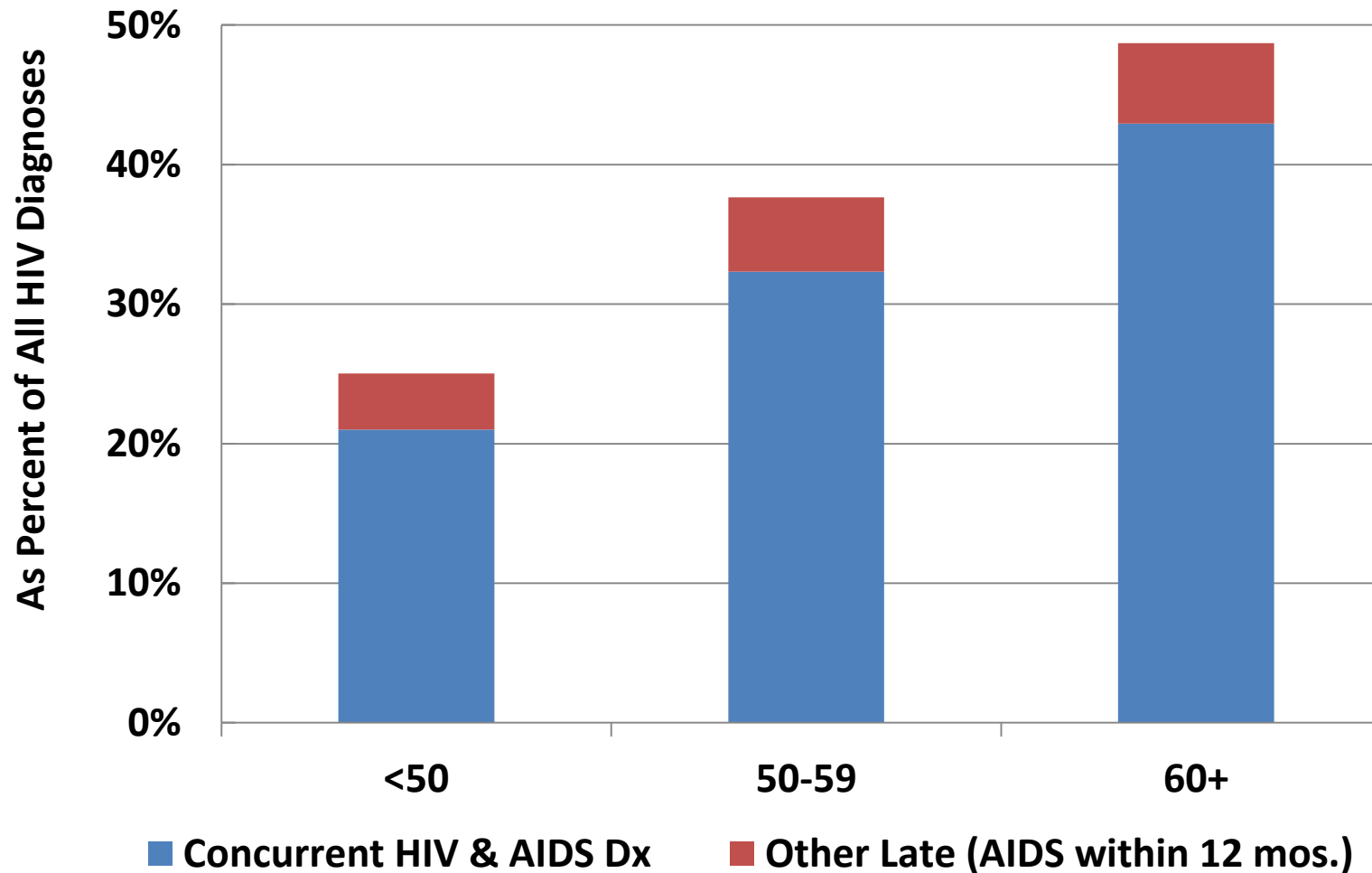
\*\*Data as of September 2015

## Newly Diagnosed HIV Cases, by Age and Race/Ethnicity, New York State, 2013



\*Includes Asians, Pacific Islanders, Native Americans, Alaskan Natives and Multi-Race

## Percent Concurrent HIV/AIDS Diagnoses by Age Group New York State, 2013

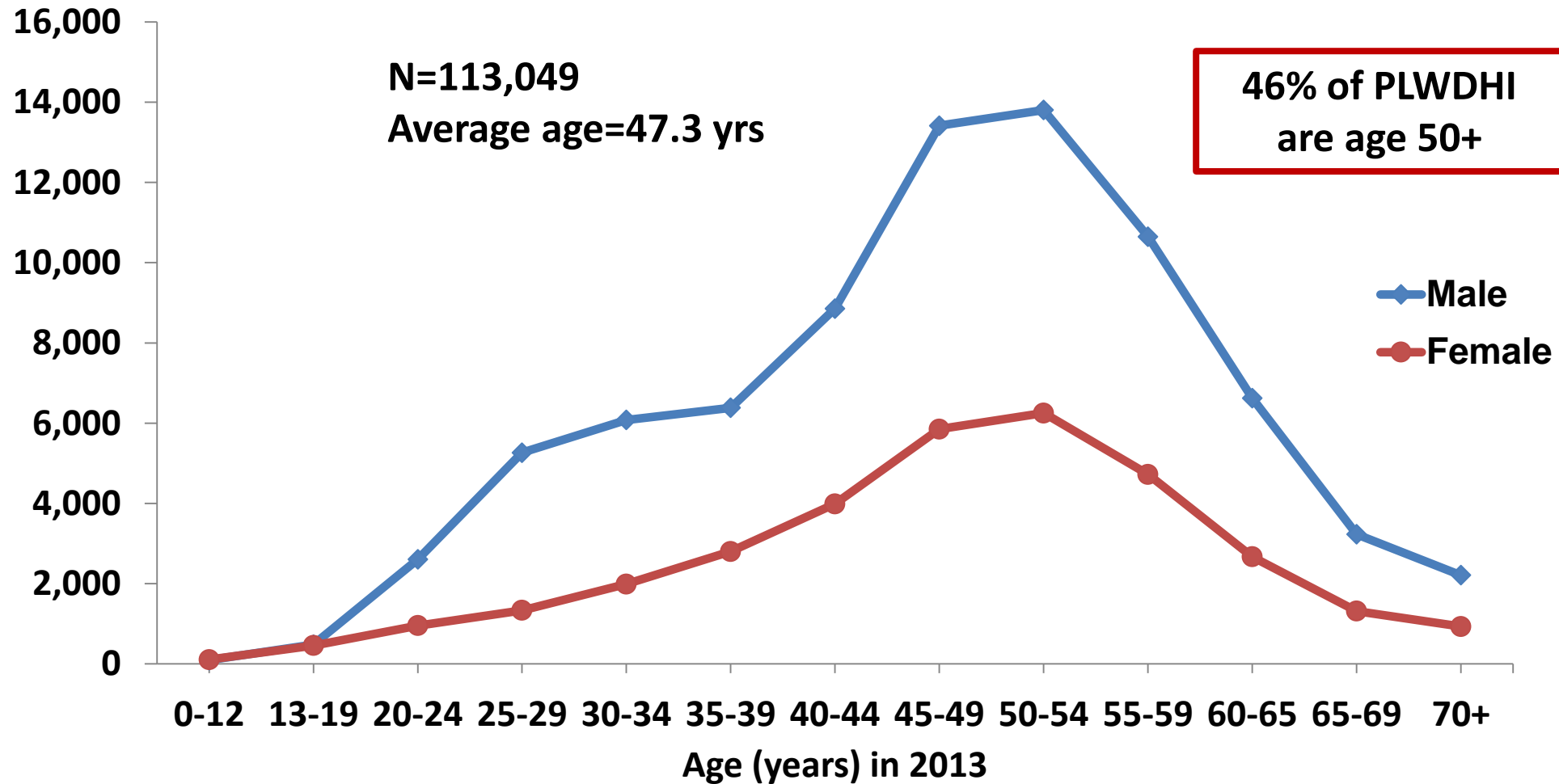


A large proportion of persons diagnosed at later ages have long-standing infections



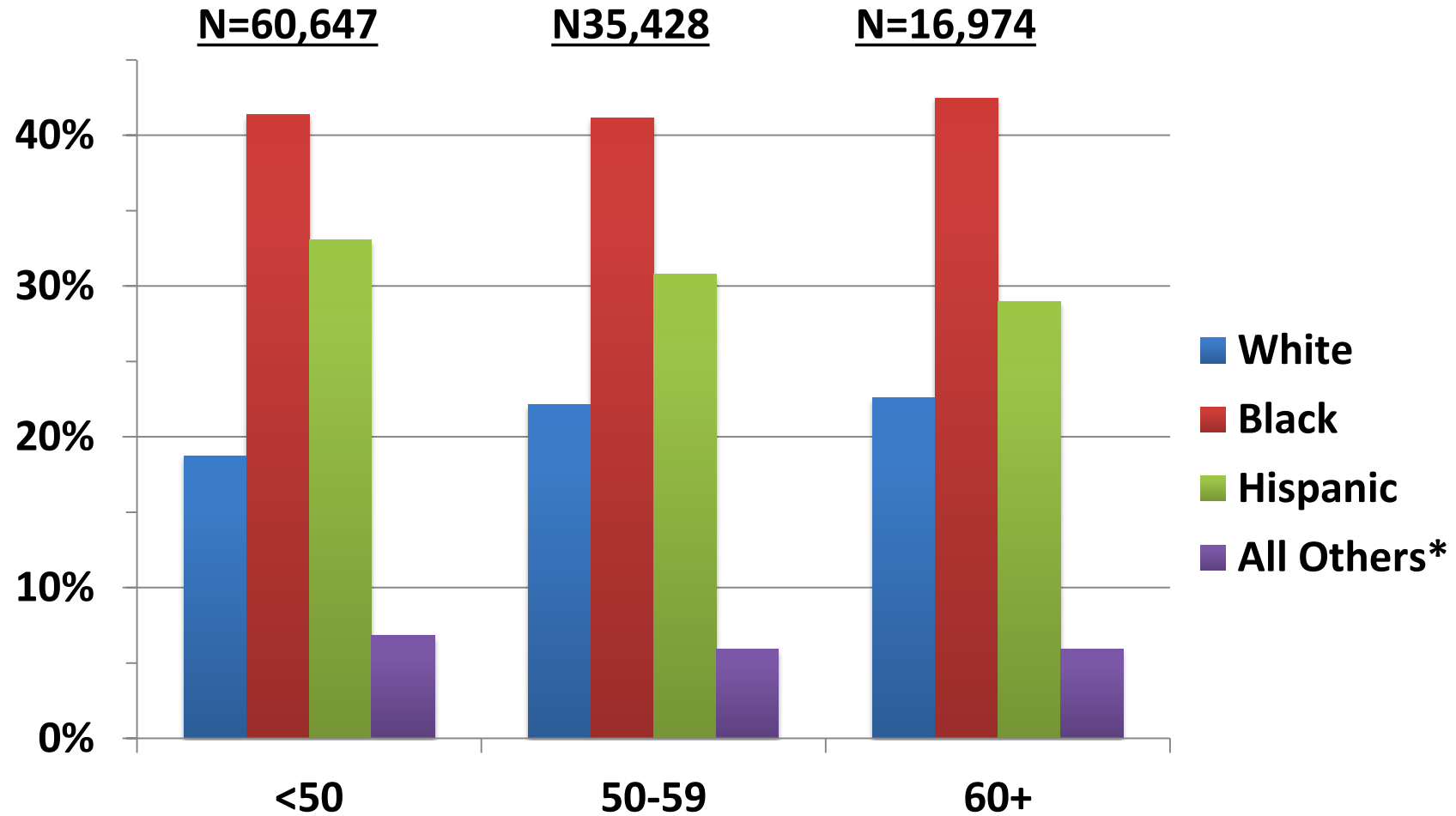
# Persons Living with Diagnosed HIV Infection

## Persons Living with Diagnosed HIV Infection Residing in NYS<sup>†</sup>, December 2013\* by Age



*† Based on most recent address, regardless of where diagnosed. Excludes persons with AIDS with no evidence of care for  $\geq 5$  years and persons with diagnosed HIV (non-AIDS) with no evidence of care for  $\geq 8$  years.*

## PLWDHI by Age Group and Race/Ethnicity, New York State, 2013



\*Includes Asians, Pacific Islanders, Native Americans, Alaskan Natives and Multi-Race

## HIV Incidence Estimates NYS, 2013

NYSDOH uses a method developed by the Centers for Disease Control, NYSDOH estimated that in 2013 there were about 2,800 new HIV infections in New York State.

Persons age 45 and over account for **22%** of estimated new infections in 2013

Age group	Estimated Incidence, 2013*
13-14	643
25-34	937
35-44	589
45-54	388
55+	239
<b>Total</b>	<b>2,796</b>

\* Estimate of 12/2014 based on data as of 10/2014

# Projection – PLWDH age 50+

## Population Projections

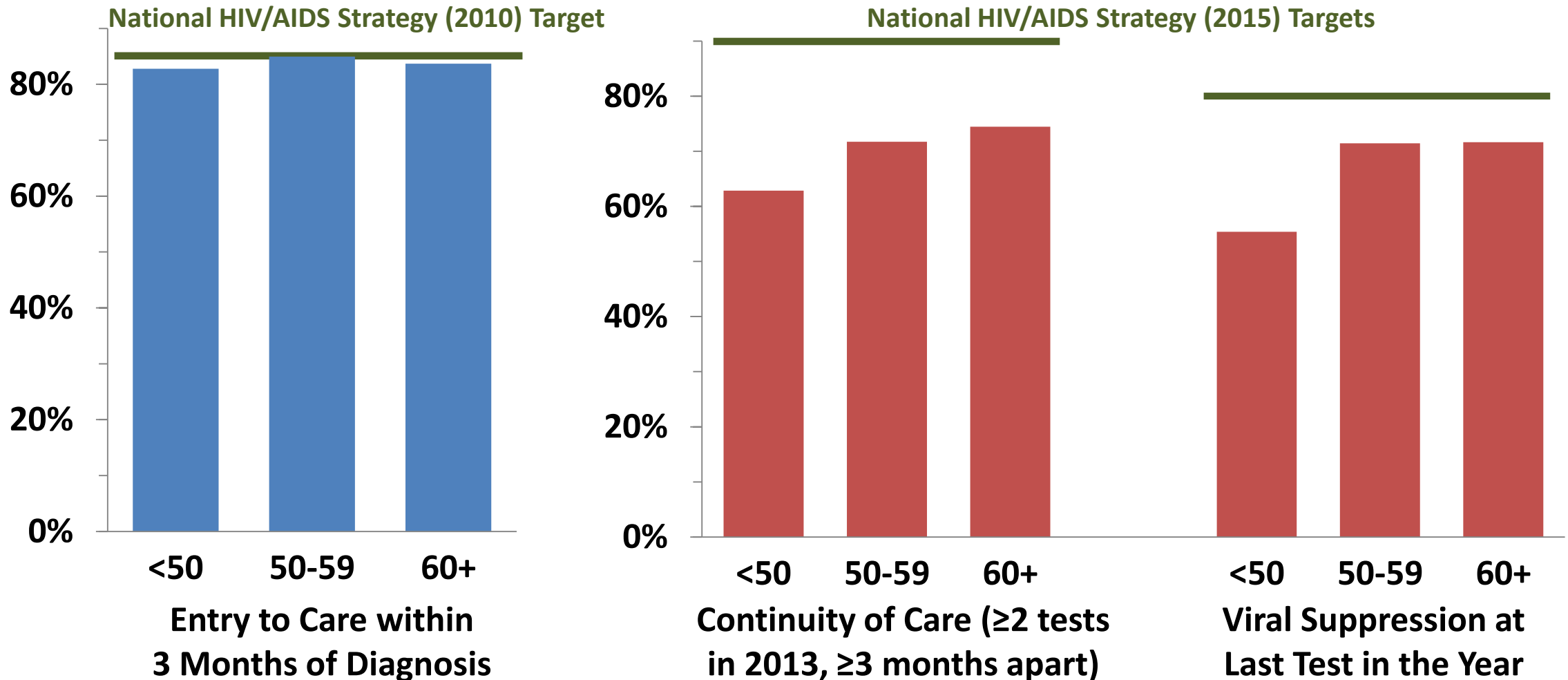
A population simulation model developed by the AIDS Institute Bureau of HIV/AIDS Epidemiology projected that ***if recent HIV diagnosis and death rates are maintained,*** then **between 2013 and 2032:**

The number of PLWDHI age  $\geq 50$  will rise by about **47%**  
age  $\geq 65$  will rise by **360%**

PLWDHI  $\geq 50$  will rise from 47% to **59%** of total PLWDHI  
65+ will rise from 7% to **28%** of total PLWDHI

# Measures of Care

# Measures of HIV Care by Age Group New York State, 2013\*



\*Data as of February, 2015



# Summary & Discussion

## Observations/Discussion (1)

- Persons age 50+ accounted for 18% of the 3,500 new diagnoses in NYS in 2013, and a roughly similar proportion of the estimated 2,800 new infections.
  - Prevention services must be directed to older persons as well as younger ones
  - The high proportion (1/3) of concurrent HIV/AIDS diagnoses indicate missed opportunities for diagnosis and need for outreach
- Currently, nearly half the 113,000 persons living with diagnosed HIV infection in New York State are age 50+
  - Over the coming 20 years this group will increase substantially both in number and as proportion of total PLWDHI

## Observations/Discussion (2)

- Entry to care after diagnosis is similar across age groups
  - The 2010 NHAS goal (85% within 3 months) is almost met, but the 2015 NHAS goal (85% within 1 month) has not yet been met
- Continuity of care and viral suppression among those age 50+ are higher than among younger ages, but the 2015 NHAS goals have not yet been met.
- HIV in persons age 50+ presents a distinct challenge in terms of
  - prevention,
  - diagnosis outreach and
  - coordination of HIV-specific care with the normal increasing care needs of older persons in general

# Contact Information:

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