

iHIV

**Jan Carl Park
World AIDS Day 2013
Columbia University
School of Social Work**

113,319

- **NYC has had the largest number of HIV cases of any U.S. city.**
- **We have made important progress in improving care along the care continuum.**
- **In 2012, nearly seven in 10 adult New Yorkers (aged 18-64) reported having ever been tested for HIV, a significant increase from five in 10 in 2002.**

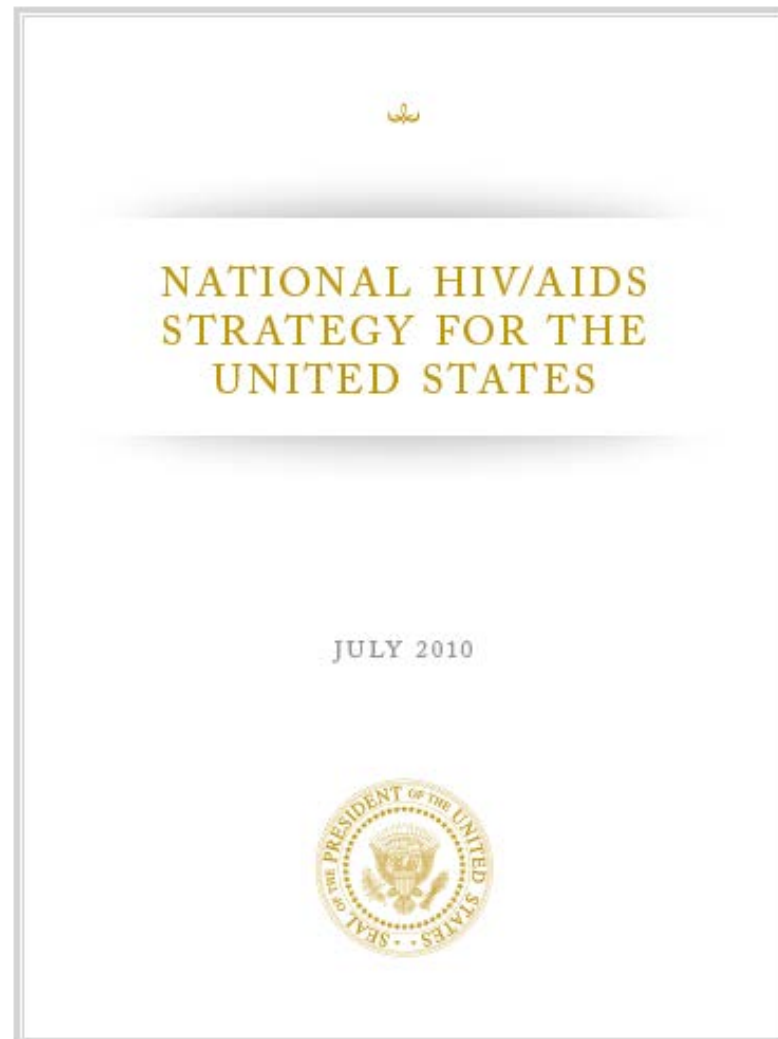


HIV/AIDS in NYC, 2011

- **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)**

National HIV/AIDS Strategy

- **Nation's first comprehensive HIV/AIDS roadmap for a more coordinated response to the epidemic**
- **Primary Goals:**
 - **Reduce the number of people who become infected with HIV**
 - **Increase access to care and optimize health outcomes for people living with HIV**
 - **Reduce HIV-related health disparities**

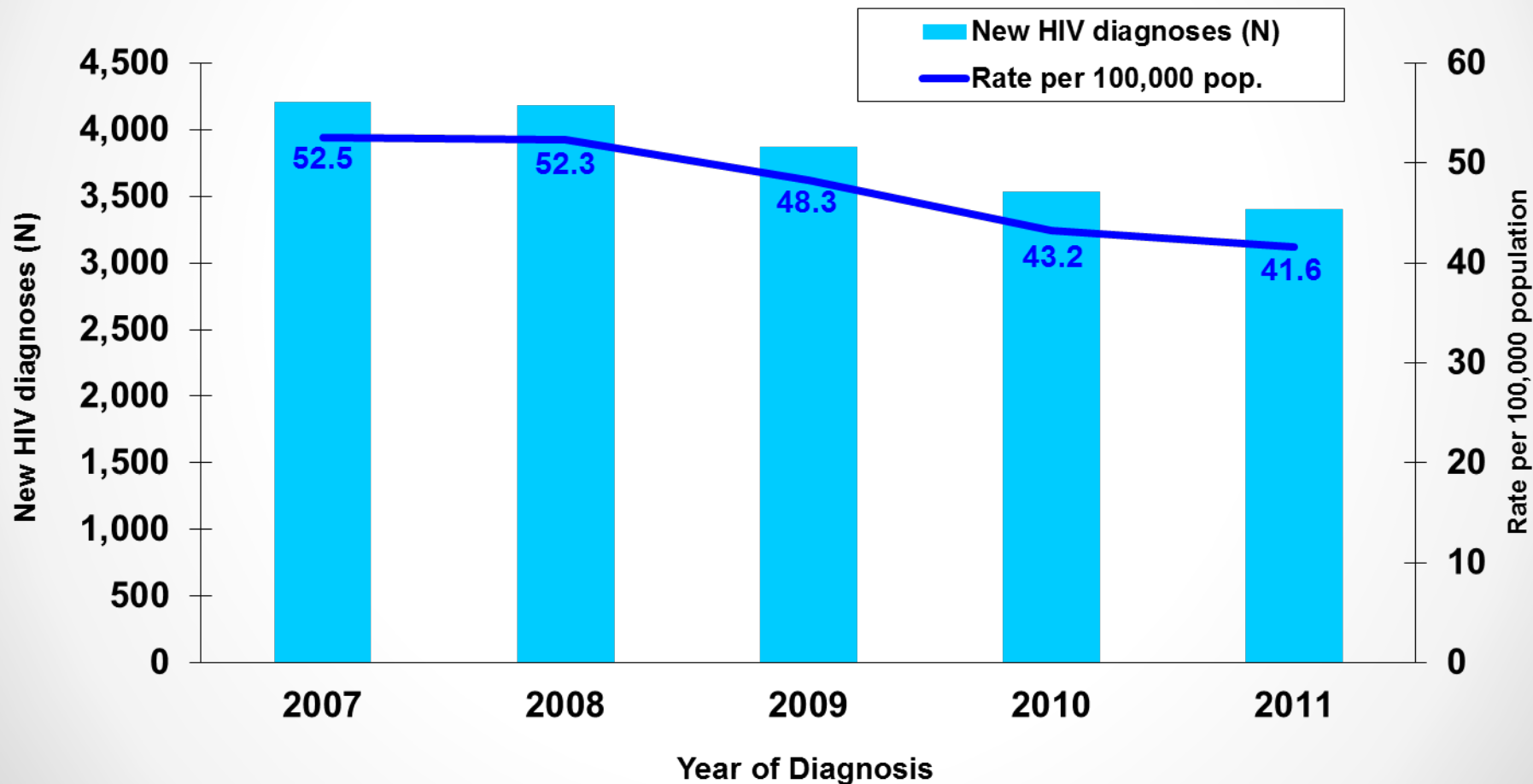




National HIV/AIDS Strategy: 2015 Targets

- **Reducing HIV infections**
 - **Lower the annual number of new infections by 25%**
 - **Reduce the HIV transmission rate by 30%**
 - **Increase to 90% (from 79%) HIV+ serostatus awareness**

New HIV Diagnoses, NYC 2007-2011



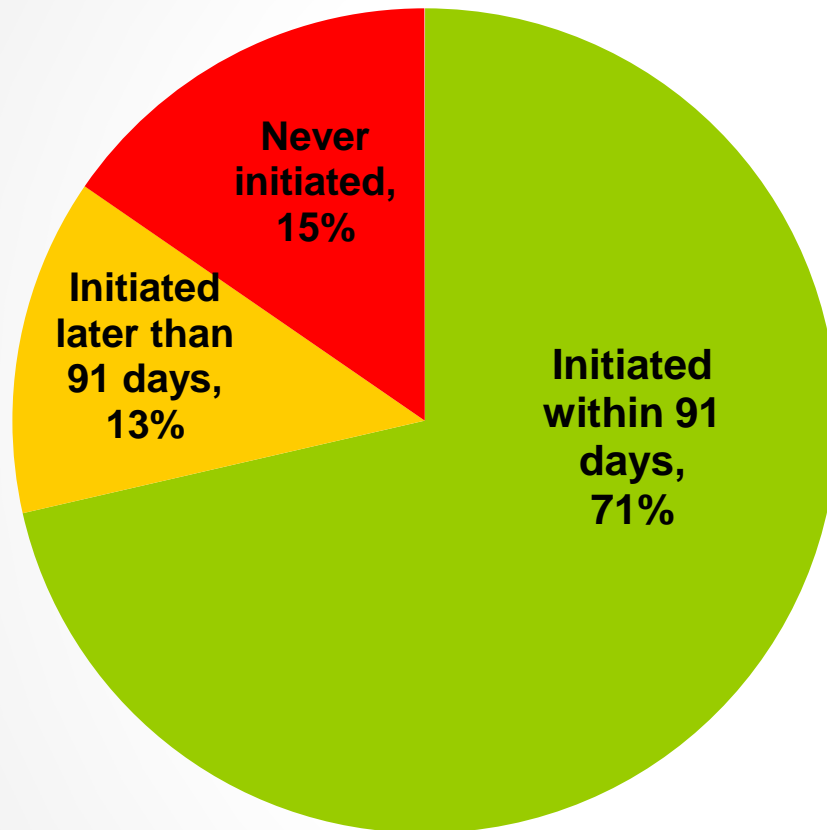
2007-2009 rates based on 2000 Census population, and 2010-2011 rates based on 2010 Census population. As reported to the New York City Department of Health and Mental Hygiene by September 30, 2012.



National HIV/AIDS Strategy: 2015 Targets

- **Increasing access to care and improving health outcomes**
 - **Increase to 85% newly diagnosed patients who link to care within 3 months**
 - **Increase to 80% Ryan White clients who are in continuous care**
 - **At least 2 visits for routine HIV medical care in 12 months at least 3 months apart**

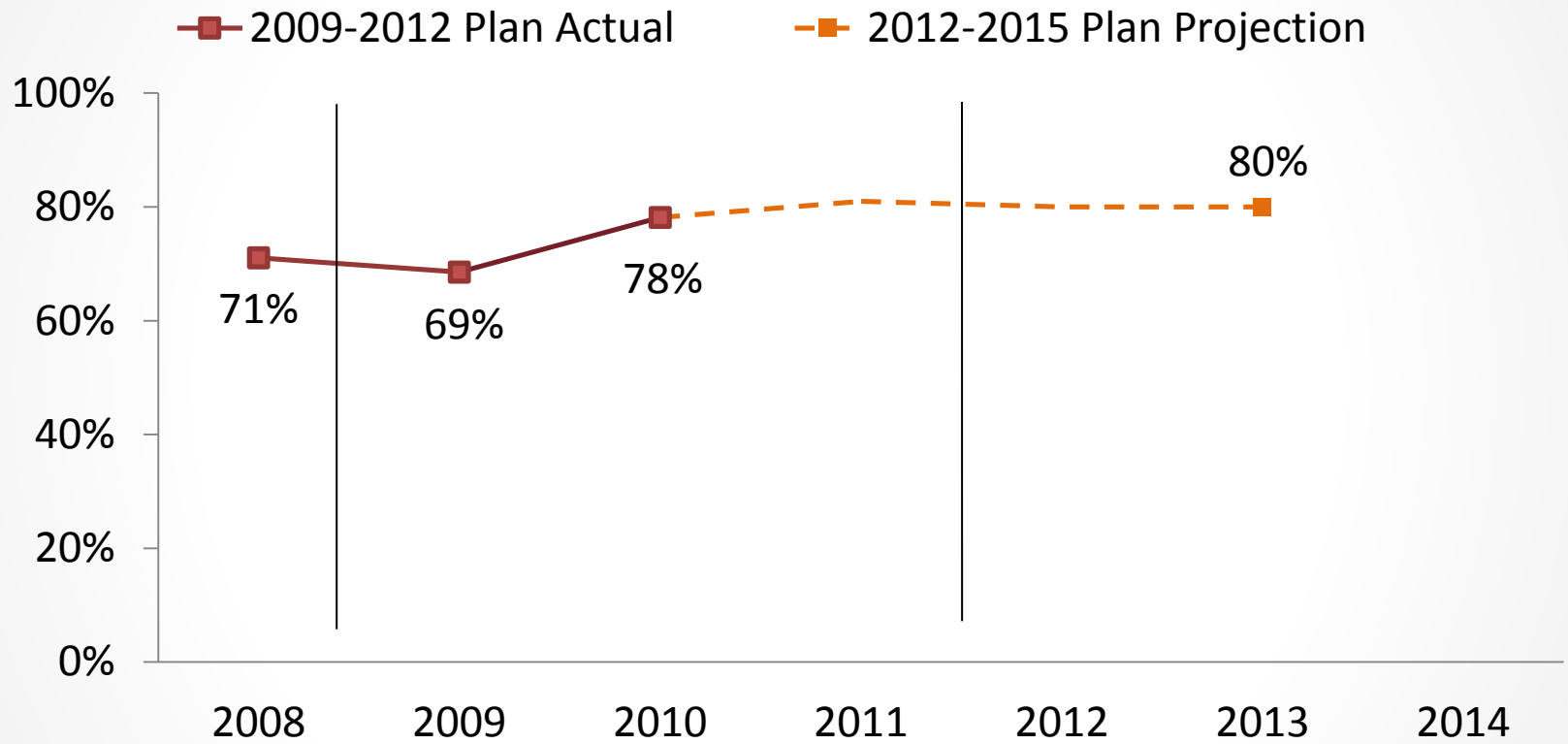
Initiation of HIV-related Medical Care Among PLWH in 2010



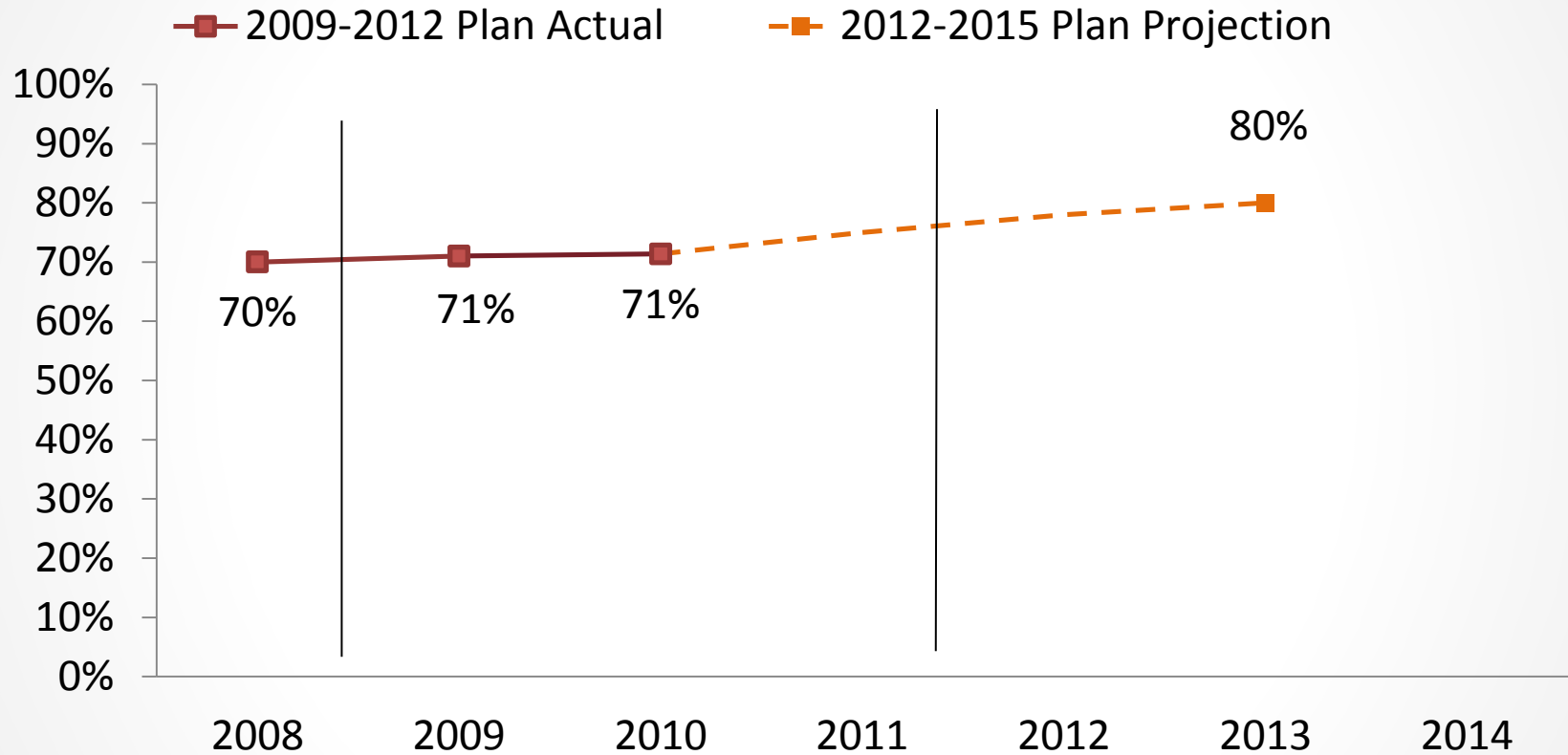
Among persons newly diagnosed with HIV (non-AIDS), 71% initiated HIV-related medical care within 91 days.

- Among 2,537 persons newly diagnosed with HIV (non-AIDS) in 2010 who survived more than 91 days after diagnosis and had a valid time to care. Based on data reported to NYC Department of Health and Mental Hygiene by September 30, 2011.

Ryan White Linkage to Care



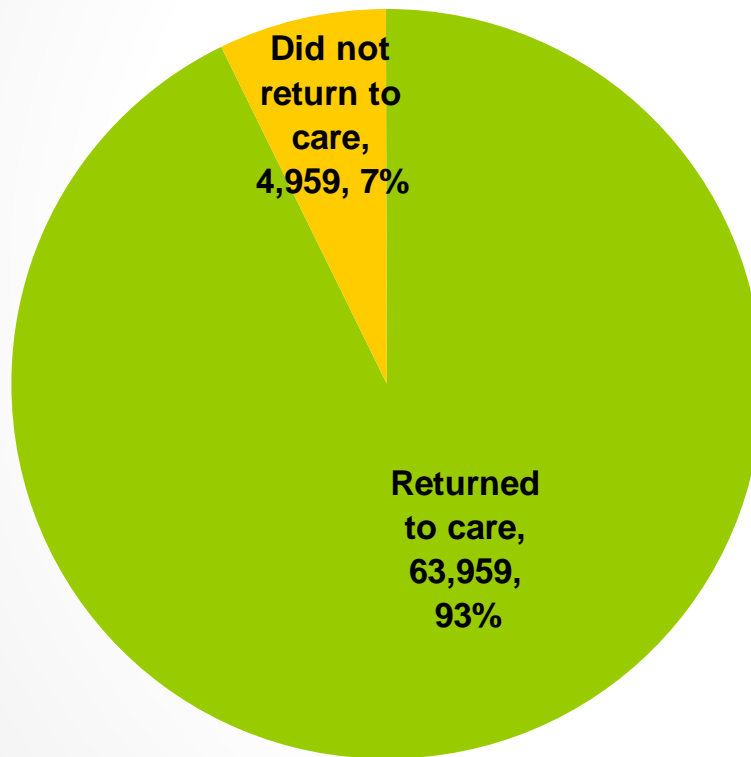
EMA Linkage to Care



Return to Care during 2010

Among New Yorkers with HIV/AIDS who received care in 2009 and survived through 2010

DHHS guidelines* recommend that CD4 count and VL be measured every 3-6 months.

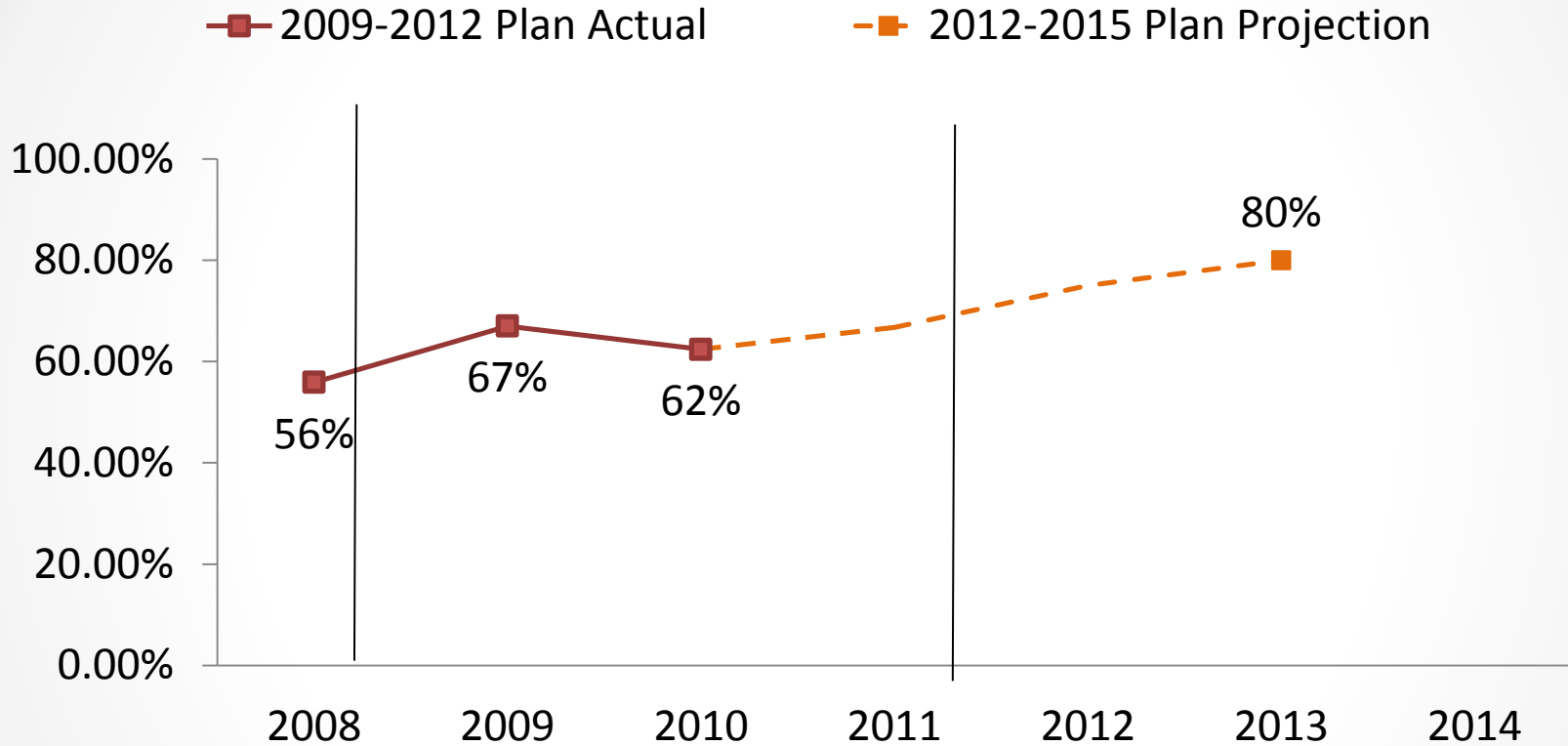


93% of persons living with HIV/AIDS who were in care in 2009 returned to care in 2010 (i.e., had a VL or CD4 test).

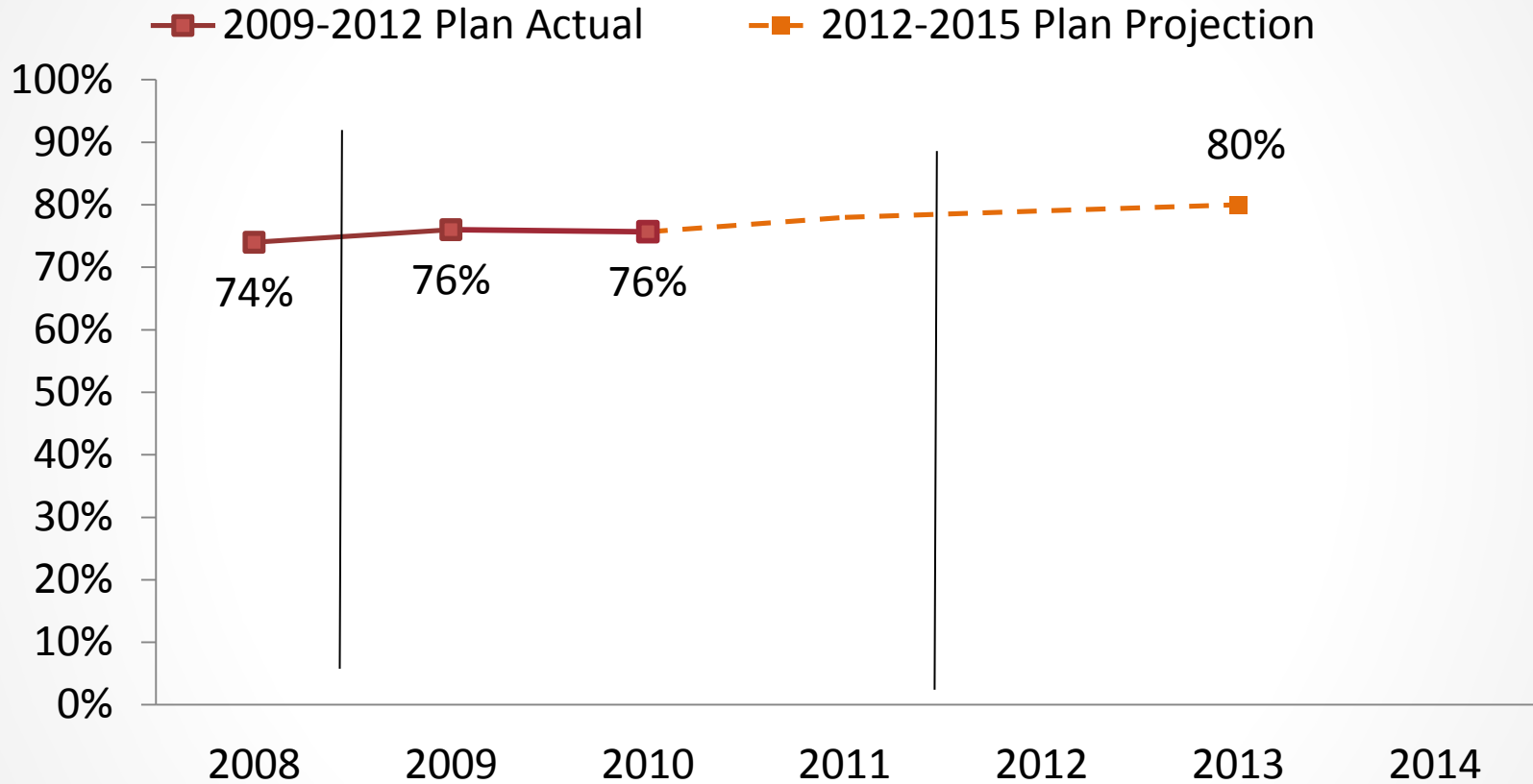
* US Department of Health and Human Services. Guidelines for the use of antiretroviral agents in HIV-1-infected adults and adolescents. December 1, 2009 (<http://aidsinfo.nih.gov>).

Based on data reported to NYC Department of Health and Mental Hygiene by September 30, 2011.

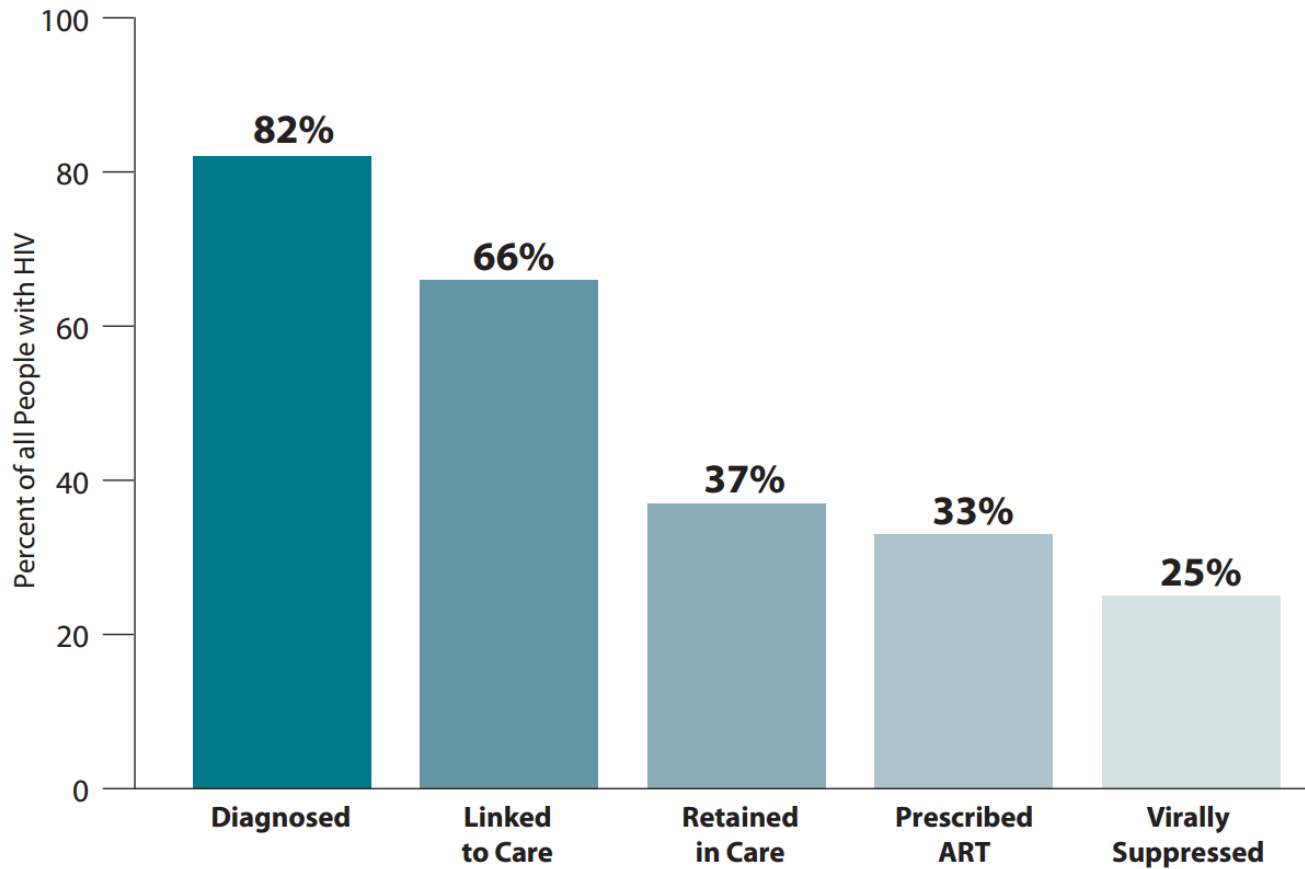
Ryan White Retention in Care



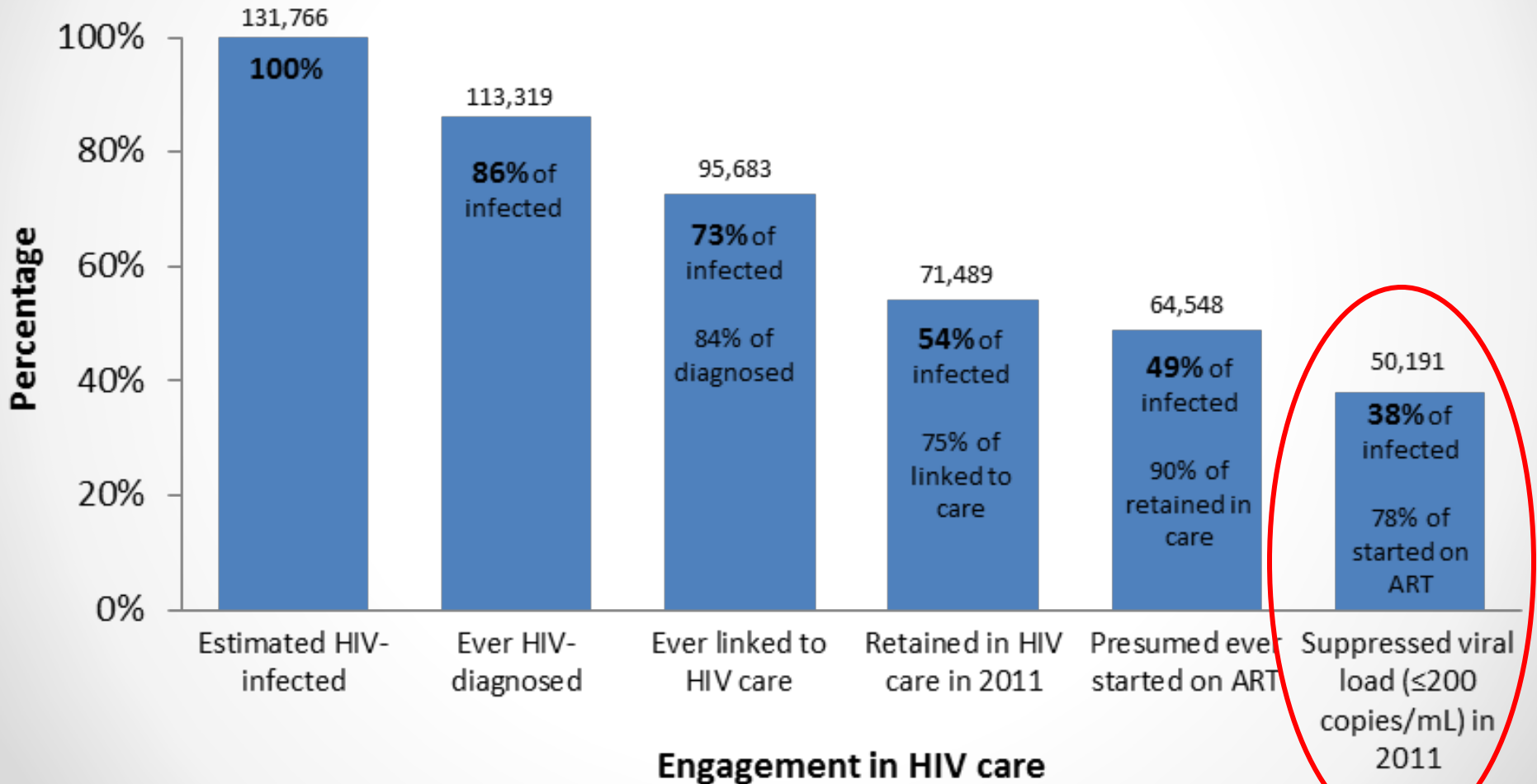
EMA Retention in Care



HIV Care Continuum in the United States, 2009

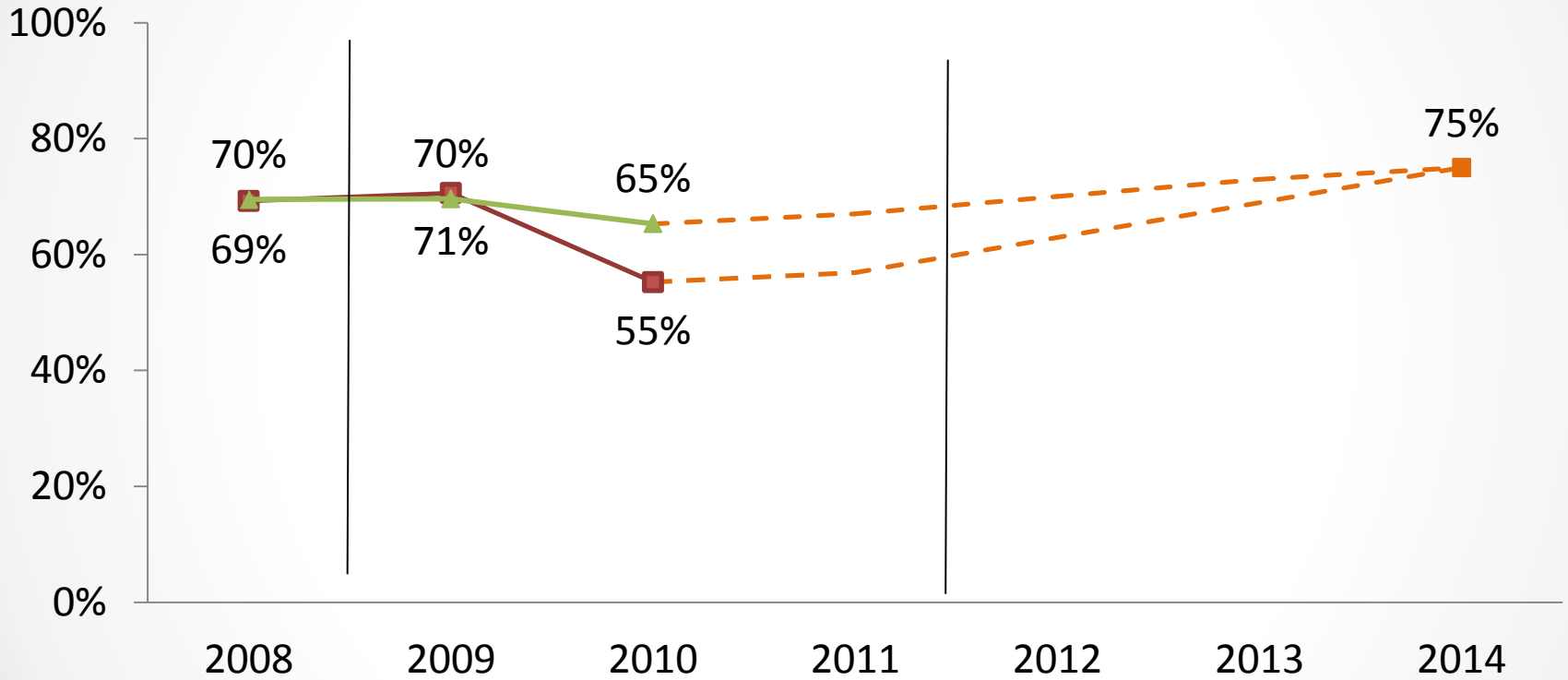


New York City's HIV Care Continuum, at the end of 2011



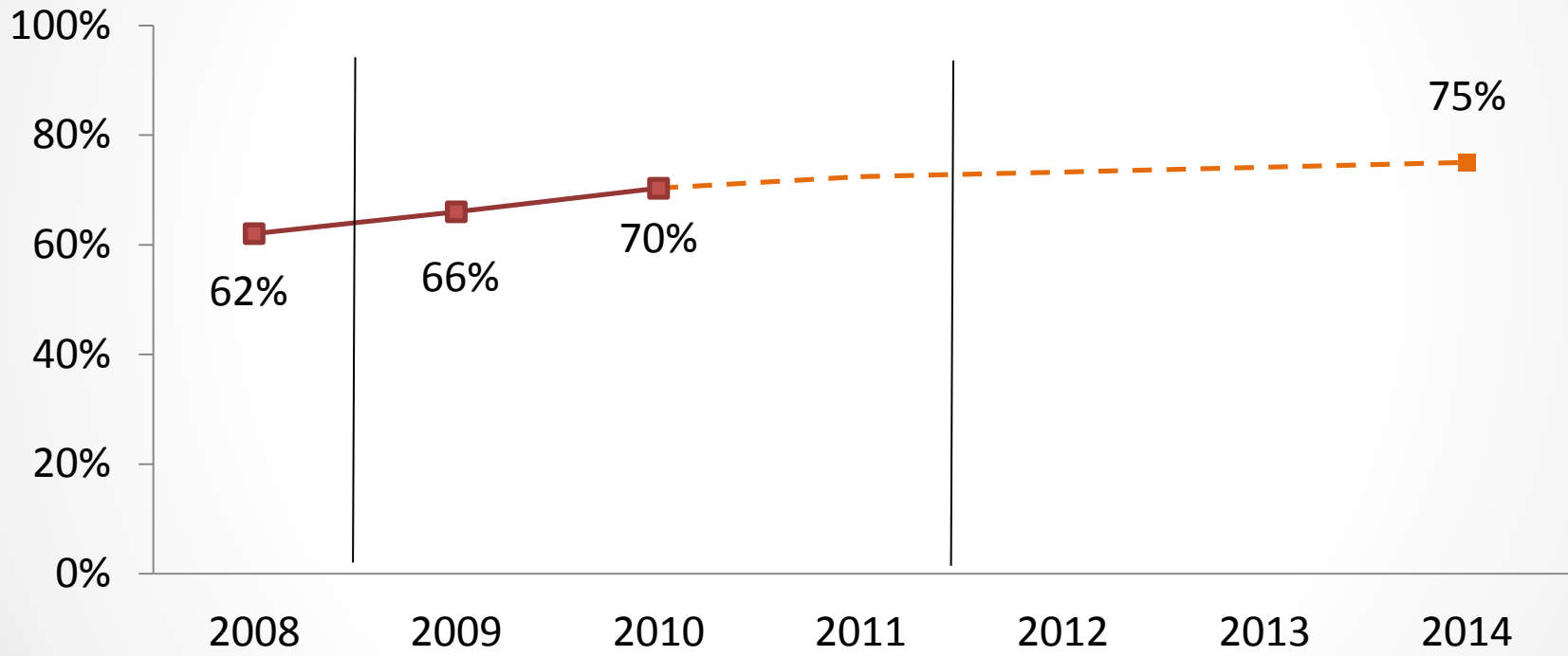
Ryan White Viral Load Suppression

- 2009-2012 Plan Actual-MCM Programs Only
- 2012-2015 Plan Projection

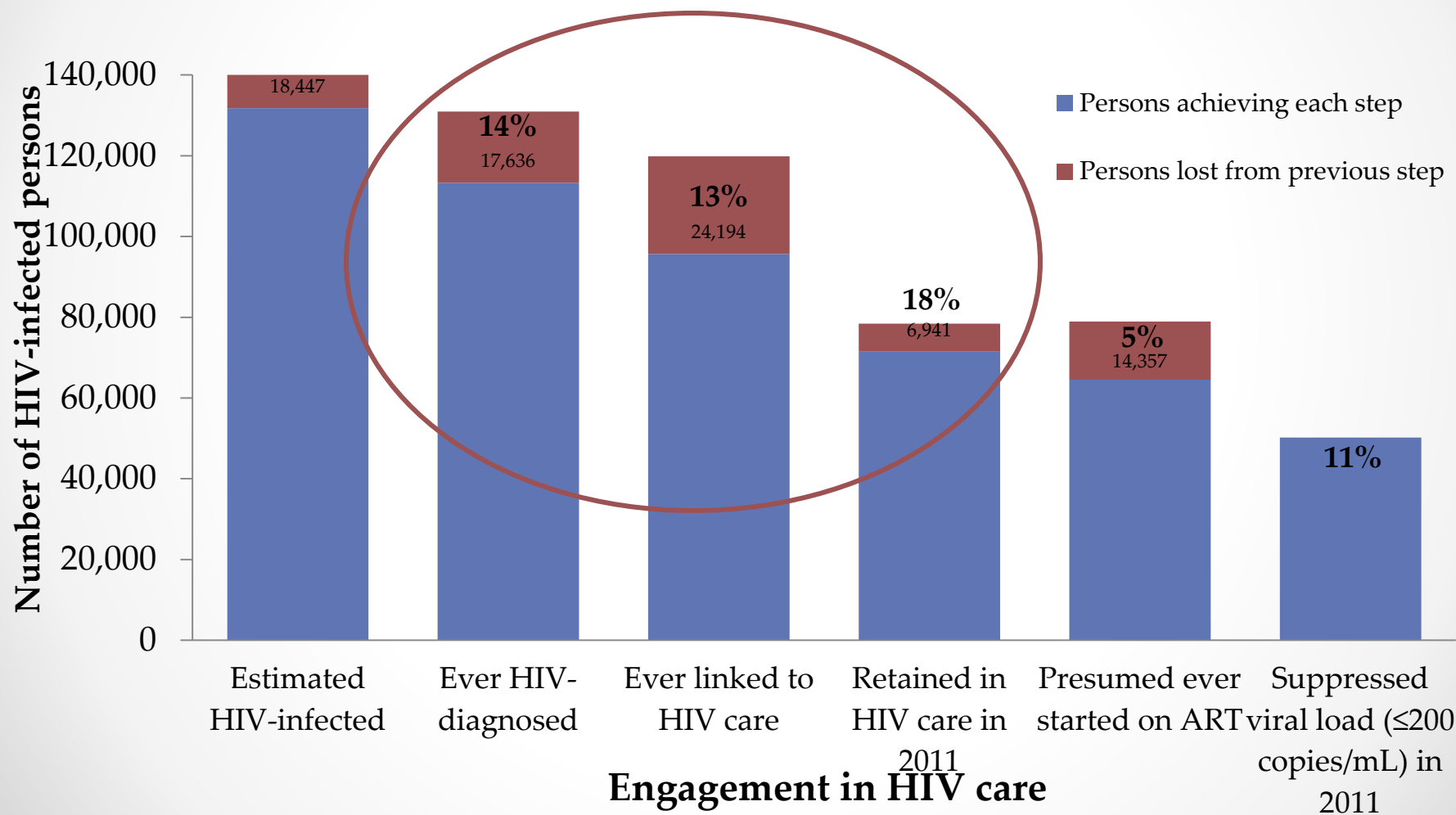


EMA Viral Load Suppression

—■— 2009-2012 Plan Actual -■- 2012-2015 Plan Projection



Gaps in New York City's HIV Care Continuum, at the end of 2011



Changing Epidemic 2011

- **Changing epidemic citywide**
 - **HIV diagnoses declining modestly in nearly all groups, but increasing in MSM 13-29 years old**
 - **AIDS diagnoses and deaths declining**
 - **Population of PLWHA still increasing, and aging**

Change Agents

- **Ensure access and reduce transmission at multiple levels**
 - **Encourage testing (Bronx Knows, Brooklyn Knows, NYS HIV testing law since Sept. 2010)**
 - **Promote timely linkage to HIV medical care and other forms of support after diagnosis**
 - **Recommend treatment be offered to all persons with HIV (since Mar. 2012)**
 - **Suppress Viral Load**