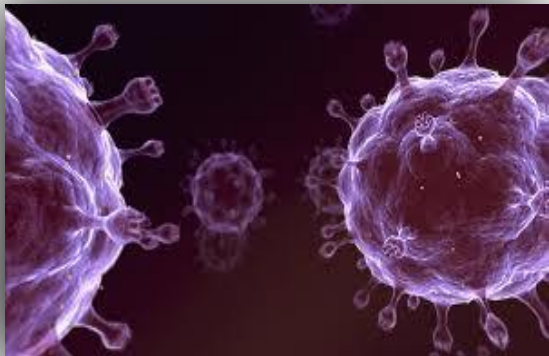
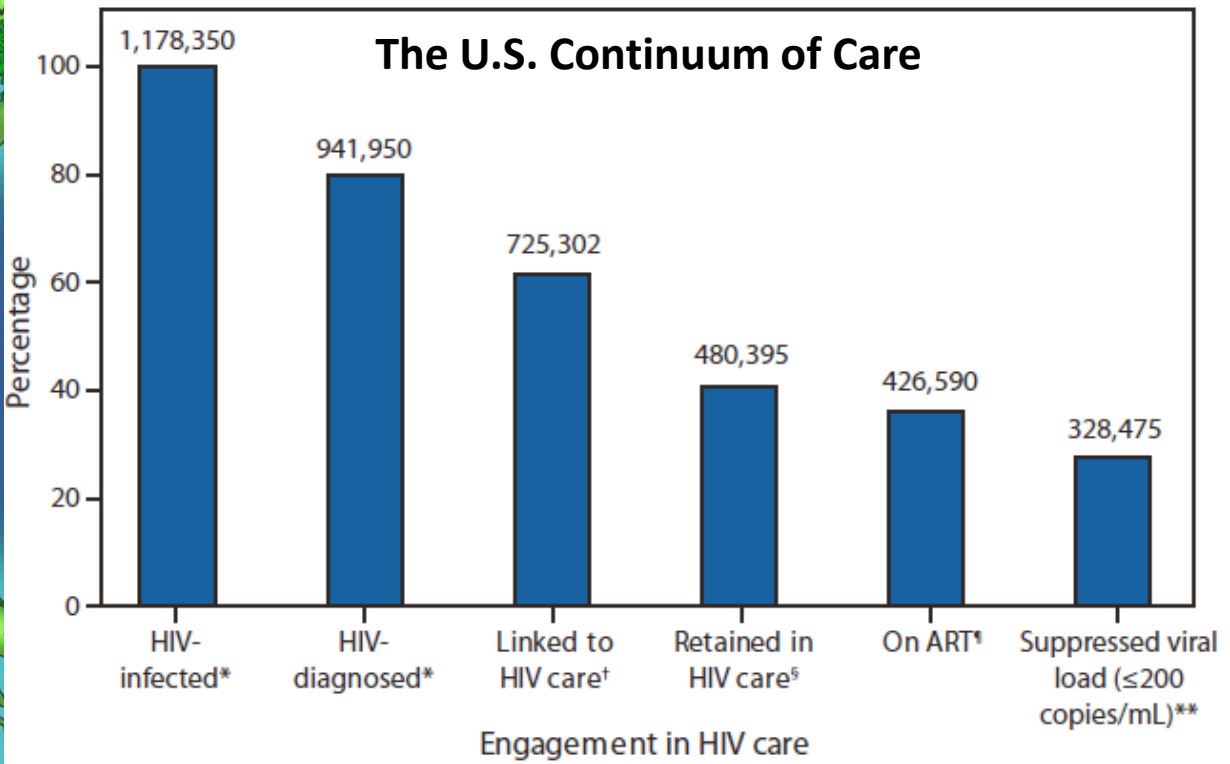


# System-Level Change & Population-Based Approaches to Improve HIV Outcomes in NYC



Blayne Cutler, MD PhD  
Director, HIV Prevention  
Bureau of HIV/AIDS Prevention & Control  
NYC Department of Health

# The World of Cascade



# Early HIV/AIDS Surveillance in NYC

NEW YORK SURVEILLANCE FIGURES

4-28-82

Men:

Disease	as 1 <sup>st</sup> Dx (March fig.)	Total Dx'd (Mar. fig.)
KS	82 (74)	87 (79)
PCP	53 (47)	70 (62)
Other OI*	18 (16)	44 (39)
Total	153 (137)	

Women:

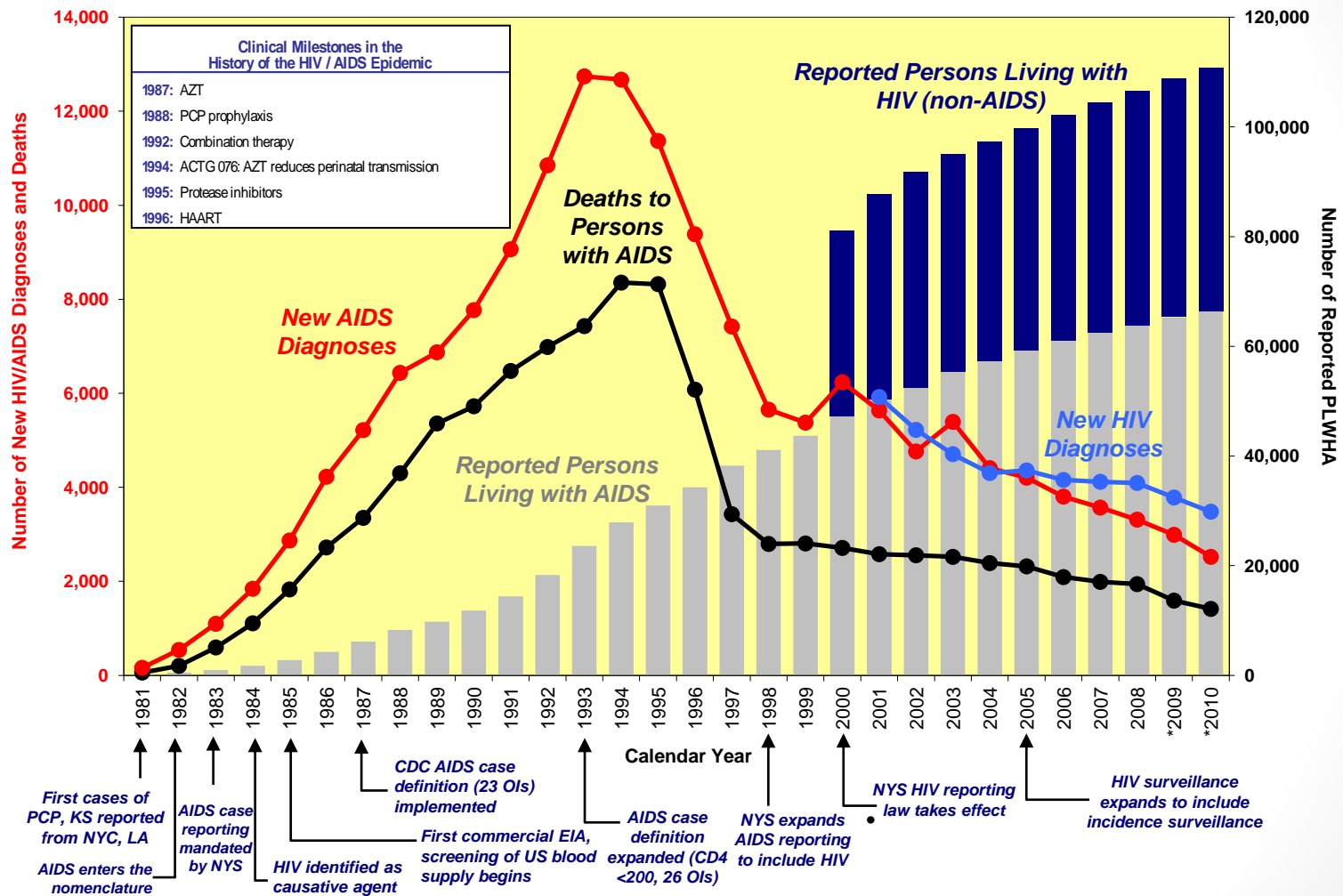
PCP alone	2
PCP + other OI	3
Other OI	1
	<hr/>
	6

Total cases NYC = 159  
(Total reported to CDC = 323)

\*OI is Opportunistic Infection.

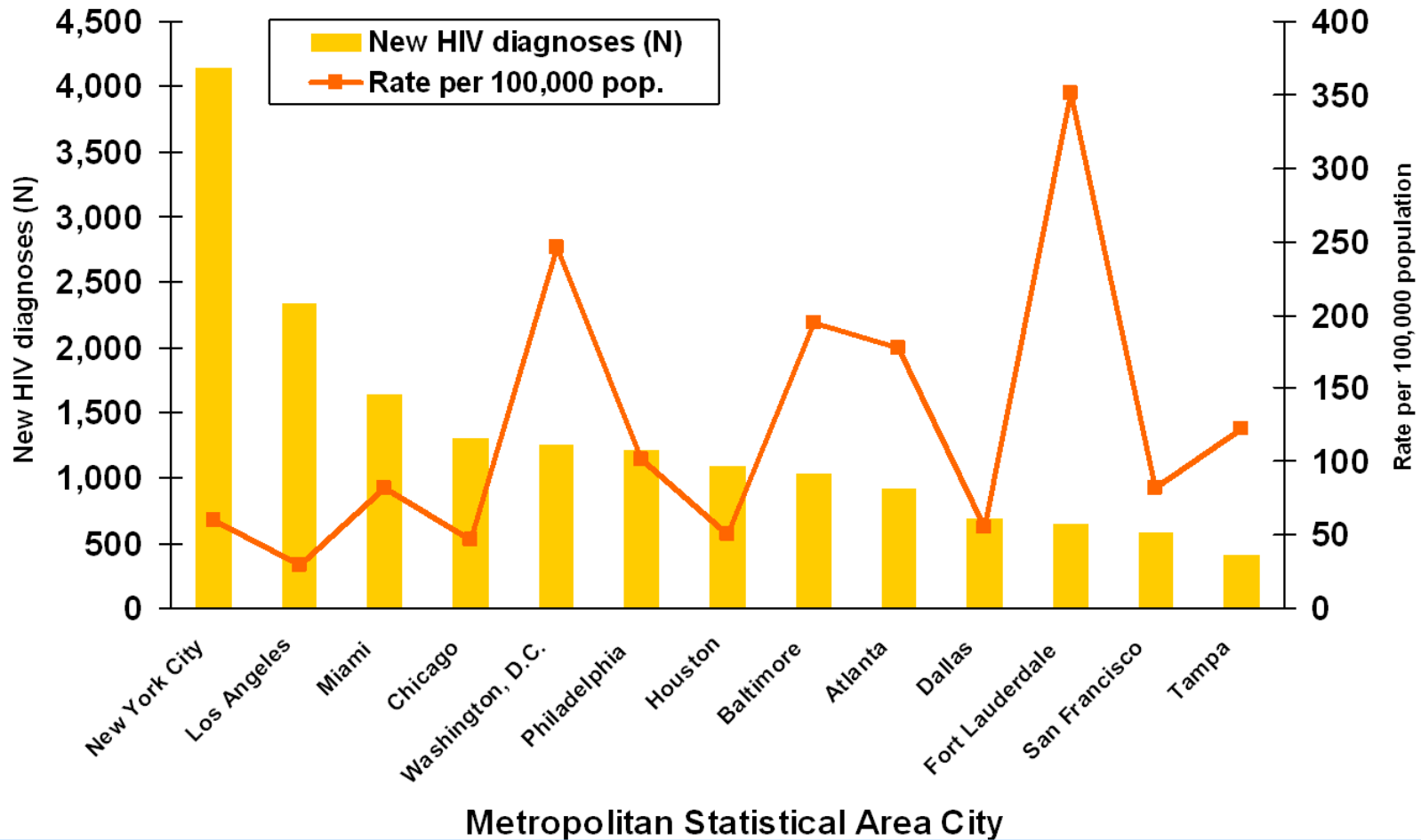
# Trends in HIV/AIDS

## New York City, 1981-2010



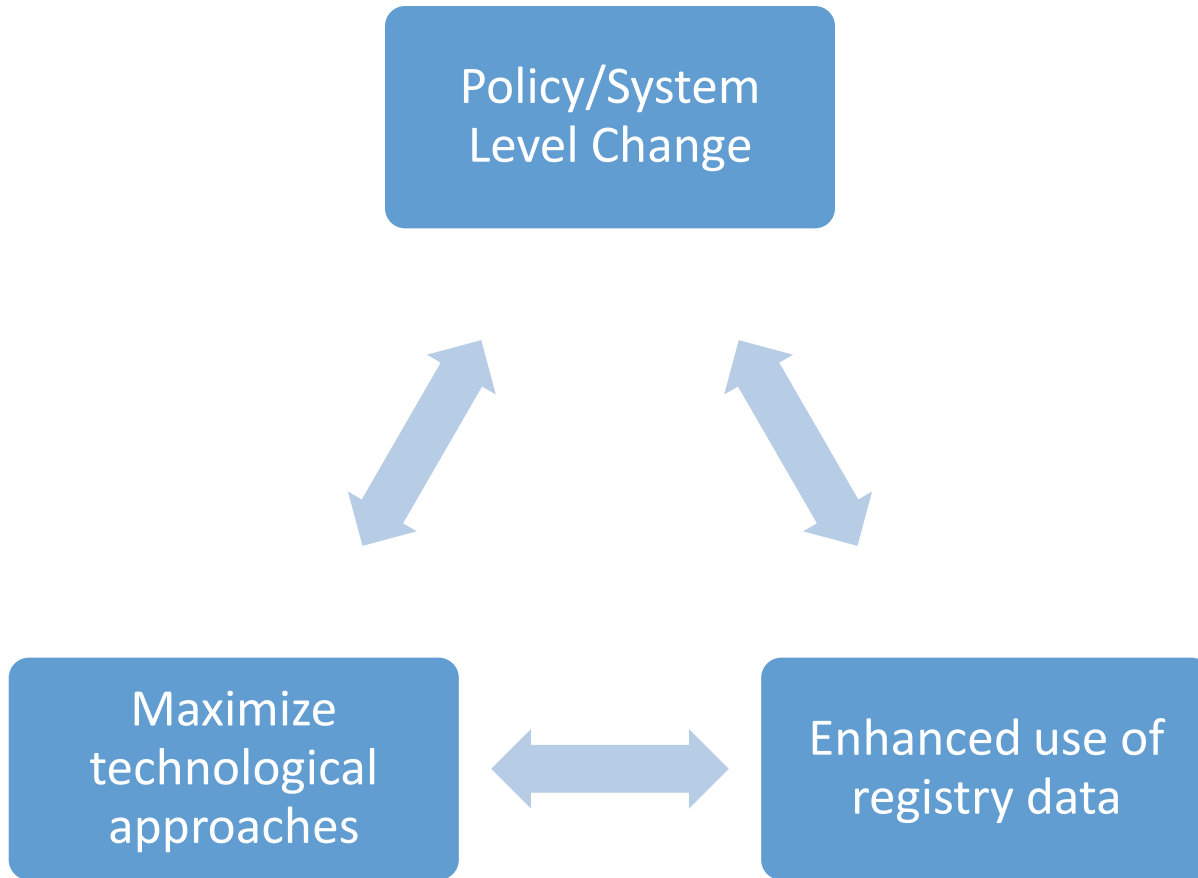
As reported to NYC DOHMH by September 30, 2011. PLWHA, Persons living with HIV/AIDS.  
Data on deaths outside New York City are incomplete.

# New HIV Diagnoses among Adults and Adolescents in 2007, United States



**NYC has a heavy disease burden in terms of number of new diagnoses, but a lower HIV case rate relative to other urban areas.**

# Core Cascade Approaches in NYC



# Core Cascade Approaches in NYC

## Test

- Shift context through law/policy—NYS Mandated Offer (2010); Institutional Quality Indicators
- Deploy/optimize new technologies--support screening tests that minimize the window period (4<sup>th</sup> gen EIA)
- Normalize HIV screening for NYC resident and providers through social marketing
- Community Mobilization—Include/engage all partners to play their role (Jurisdictional Scale Up)

## Link

- Maximize evidence-based strategies (navigation, partner services) through contracts and DOH FSU
- Train designated navigators on linkage models that work (ARTAS)
- Drive programmatic change contractually—ensure that desired actions are discreet payment points
- ? Reward participant for linkage (HPTN 065)

## Retain

- Improve 'relay' between testing and care agencies (linkage navigators begin MCM intake).
- Deploy effective medical case management with optimized supports (Care Coordination)
- Use contracting process to support co-localization of services (substance use; mental health)
- Optimize collaboration between clinic and DOH to find out of care individuals (FSU, registry)

## Adhere/ Suppress

- Train providers on new DHHS guidelines.
- Deploy multi-tier treatment adherence approaches that 'graduate' toward self-sufficiency
- Provide 'feedback' data to individual sites for CQI: ('Care Continuum Dashboards')

# Shifting the Context by Changing the Law

A large Spanish-language poster titled "Di que sí a la prueba de VIH". The poster has a red and yellow background. At the top, it says "Say yes to the HIV test" in English and "Di que sí a la prueba de VIH" in Spanish. Below that, it states: "Tu proveedor de atención médica está obligado por ley a ofrecer una prueba de VIH voluntaria a todas las personas de entre 13 y 64 años de edad". A yellow box contains a list of seven points about the test. At the bottom, it says "Para obtener más información, habla con tu proveedor de atención médica o busca 'hivtesting' (pruebas de VIH) en nyc.gov". The NYC Health logo is at the bottom right, and the text "NEW YORK SI SABEO" is at the bottom left.

**Di que sí a la prueba de VIH**

Tu proveedor de atención médica está **obligado por ley** a ofrecer una prueba de VIH voluntaria a todas las personas de entre 13 y 64 años de edad

**QUÉ DEBES SABER SOBRE LA PRUEBA:**

1. La prueba es voluntaria y los resultados de todas las pruebas de VIH son confidenciales (privados)
2. Puedes retirar tu consentimiento en cualquier momento, ya sea de forma oral o por escrito
3. Es ilegal discriminar a una persona por su estado en relación con el VIH
4. Si el resultado de la prueba es positivo, puedes recibir tratamiento contra el VIH/SIDA que te ayudará a mantenerte sano y a vivir más tiempo
5. El VIH, es decir, el virus que causa el SIDA, puede propagarse al tener relaciones sexuales sin protección, compartir agujas, dar a luz o amamantar
6. En determinados centros públicos, pueden realizarse pruebas de VIH de forma anónima (sin dar tu nombre)
7. Las personas que viven con el VIH/SIDA pueden seguir prácticas seguras para proteger a los demás e impedir que se infecten

Para obtener más información, habla con tu proveedor de atención médica o busca "hivtesting" (pruebas de VIH) en nyc.gov

**NEW YORK SI SABEO**  
¿CUÁL ES TU ESTATUS DE VIH?  
• confía • busca atención médica • Haz la prueba

**NYC Health**

© Departamento de Salud e Higiene Mental de la ciudad de Nueva York 1/10 074

## Chapter 308: Laws of 2010

- **MANDATORY OFFER** of HIV test to all persons 13-64 most healthcare settings
- **Simplified consent**
  - Documented oral consent for tests that process in < 60 min
  - General medical consent ok
  - Consent is now durable
- **Simplified lab ordering**
- **Requires active linkage to care**



# Chapter 308 of the Laws of 2010

## • LINKAGE:

“With the consent of the subject of a test indicating evidence of HIV infection or, if the subject lacks capacity to consent, with the consent of the person authorized pursuant to law to consent to health care for the subject, the person who ordered the performance of the HIV related test, or such person's representative, shall provide or arrange with a health care provider for an appointment for follow-up medical care for HIV for such subject.”

## • USE OF REGISTRY DATA

February 2012 regulations expanded use of registry data to allow limited communication on individual patients between HD and provider of last record (‘follow-up needed’).

# NYS Testing Law: Early Impact

Laboratory Reported HIV Testing  
13 Month Before and After NYS Law of 2010  
(n=215)

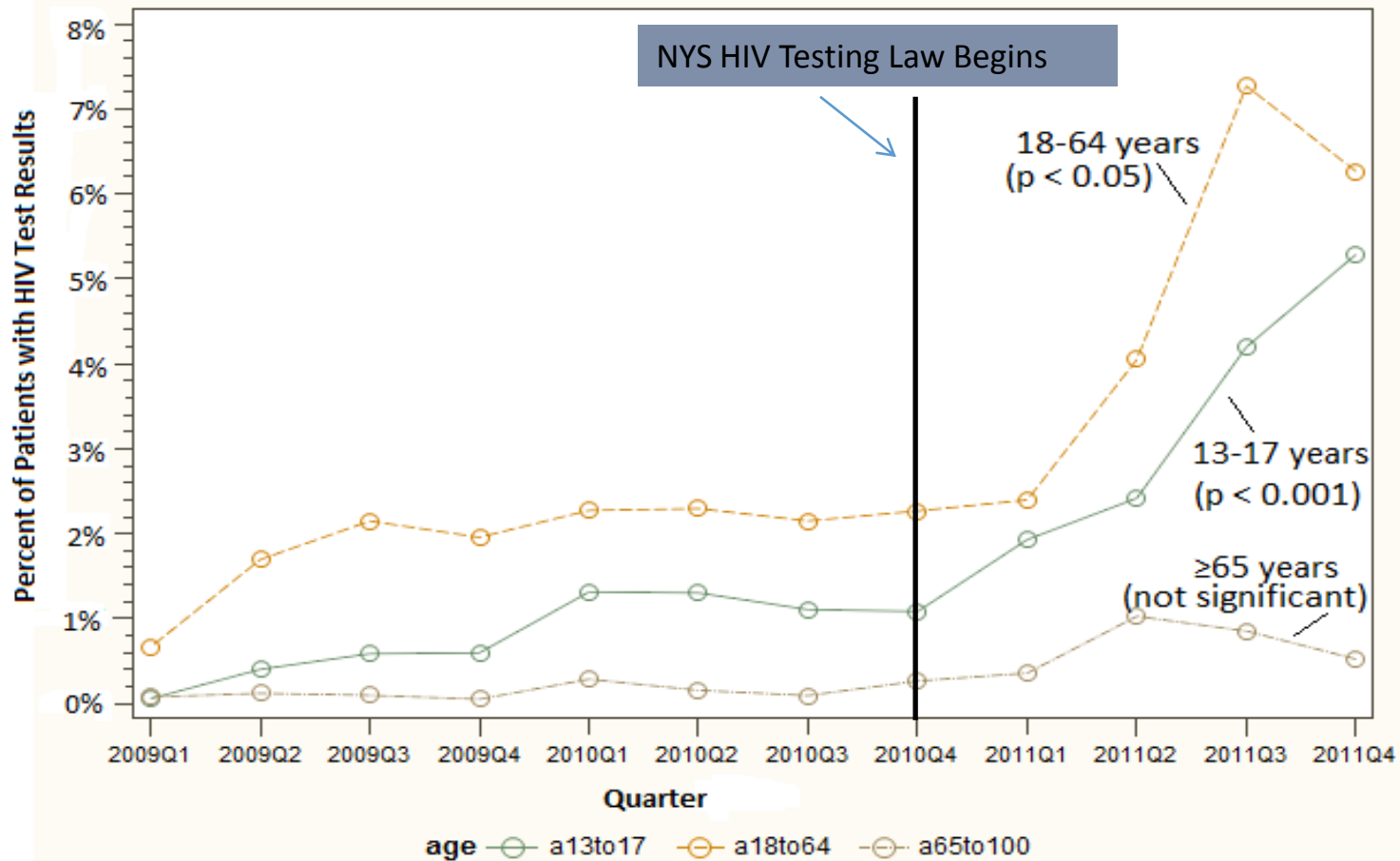
	Total Tests 9/09-9/10 (Pre 2010 HIV Testing Law)	Total Tests 10/10-10/11 (Post 2010 HIV Testing Law)	% Change
Conventional HIV Screening Tests (Labs=98)	2,023,968	2,198,390	9%
Rapid HIV Screening Tests (Labs=138)	294,764	322,881	9.5%
<b>Total (Number of Labs = 215)</b>	<b>2,324,914</b>	<b>2,531,253</b>	<b>9%</b>

*NYS Department of Health, Laboratory Survey on HIV Testing Practices, 2009-2011.*

# NYS Testing Law: Early Impact

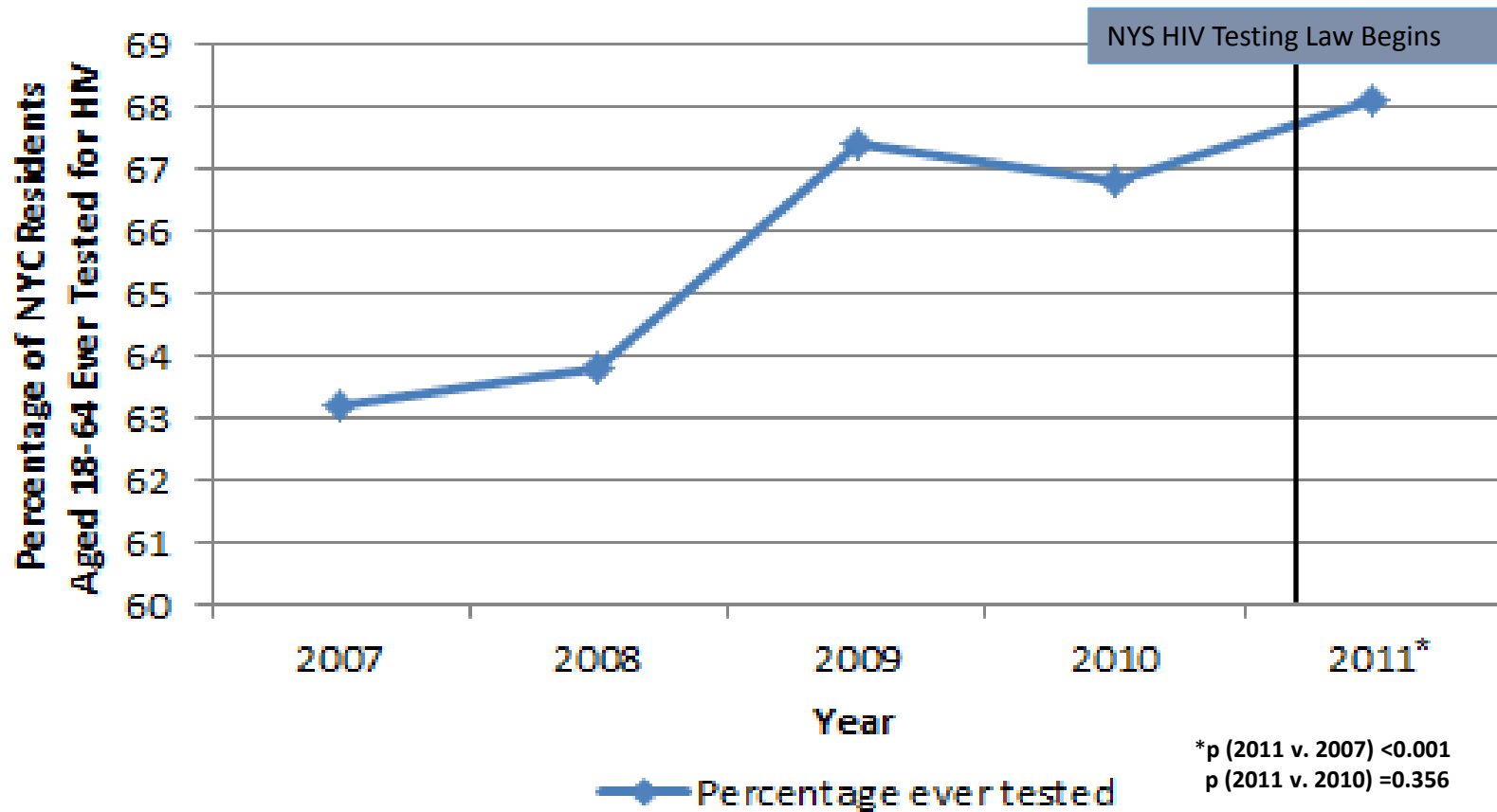
## CHCs and Small Practice Sites

Percent of Patients with HIV Test Results at CHCs and Small Practice Sites By Age (2009-2011, n=97)

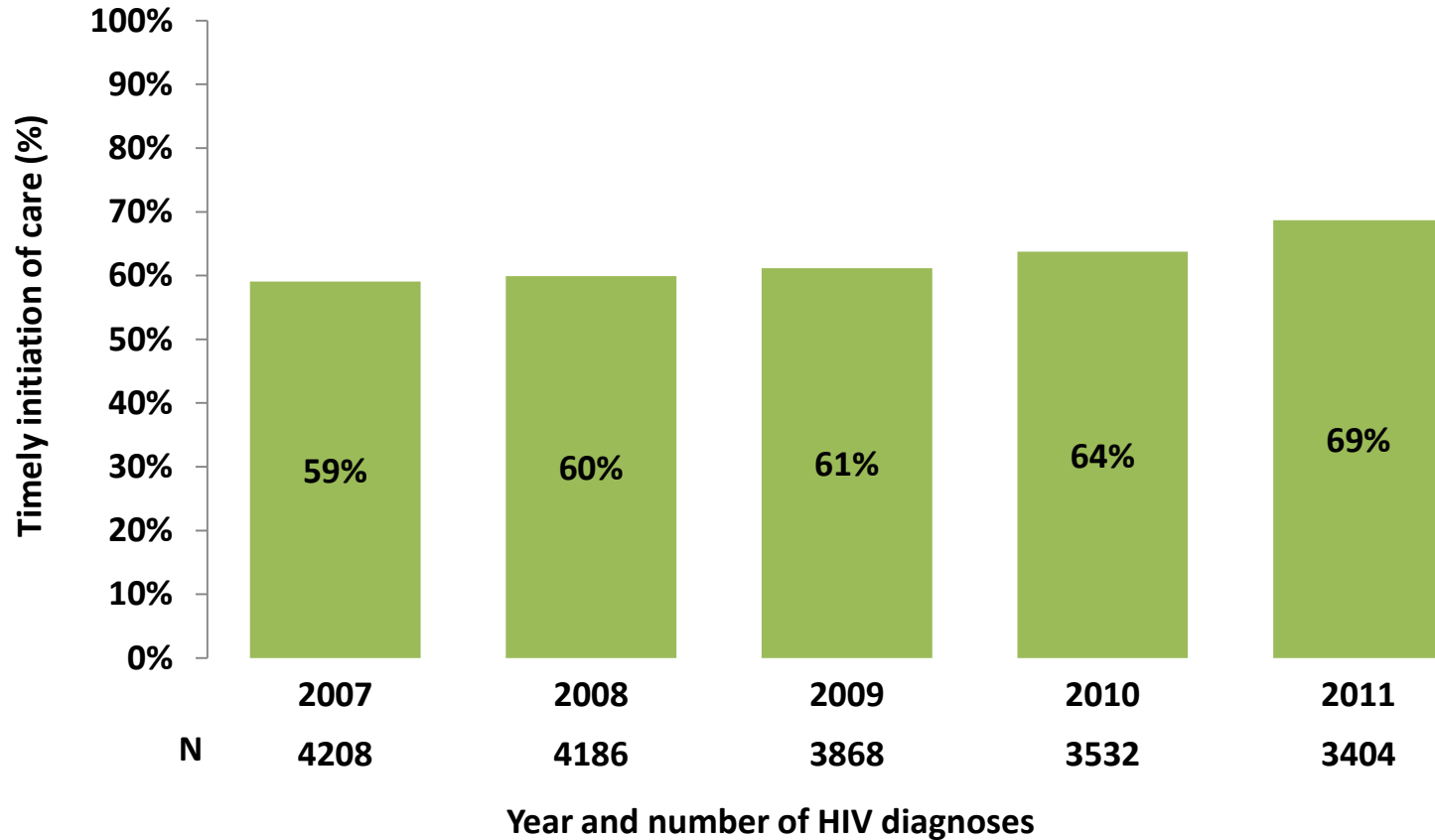


# NYS Testing Law: Early Trend

(NYC residents aged 18-64 ever tested for HIV, 2007 to 2011)



# Timely Initiation of Care among Persons Newly Diagnosed with HIV in NYC, 2007–2011



**The proportion of persons newly diagnosed with HIV with timely initiation of care increased between 2007 and 2011.**

# Linkage to Care: Strategies Enhanced by 2011 Rebid (>50 agencies citywide)

## ❖ Deploy Evidence-Based Best Practices to Enhance LTC

- ❖ Based on Antiretroviral Treatment Access Study (ARTAS)
  - ❖ Required ARTAS training—relevant staff
  - ❖ Booster training/new staff training biannually

## ❖ Contractual Requirements

- ❖ Required all funded clinical and non-clinical sites to have a designated linkage navigator
- ❖ Required all funded non-clinical sites to have an MOU with HIV primary care provider
- ❖ Targets realigned with NHAS and CDC goals
- ❖ Payment point for linkage navigation and successful linkage to care within 90 days
- ❖ Required proof of linkage (not referral or agency report)

# ARTAS -1 (2001-2003)

## ❖ RCT

- ❖ Brief, time-limited case management intervention to improve linkage to care among newly diagnosed HIV-infected persons (5 sessions in 90 days or until linkage vs. SOC—referral)
- ❖ 4 sites (n=316)
- ❖ Miami, LA, Baltimore, Atlanta

## ❖ Results

- ❖ 78% of ARTAS participants attended 1<sup>st</sup> medical visit within 6 months vs. 60% of SoC group (p<0.0005)
- ❖ 64% of ARTAS participants attended 2<sup>nd</sup> medical visit vs. 49% of SoC group (p<0.01)

# ARTAS-II (2004-2007)

## ❖ CDC Demonstration project

- ❖ 10 urban & rural sites (5 CBOs, 5 state/local DOH sites) , n=646
- ❖ Most were male (73%), Black (70%) and uninsured (65%);
- ❖ median age=35

## ❖ Results

- ❖ At 6 month follow up, 79% attended 1<sup>st</sup> medical visit
- ❖ Compare to CDC surveillance estimate= 52%, 2005
- ❖ Median # of sessions (before linkage)=2
- ❖ Median time spent with each client=6 hrs
- ❖ CDC curriculum developed based on ARTAS I and II

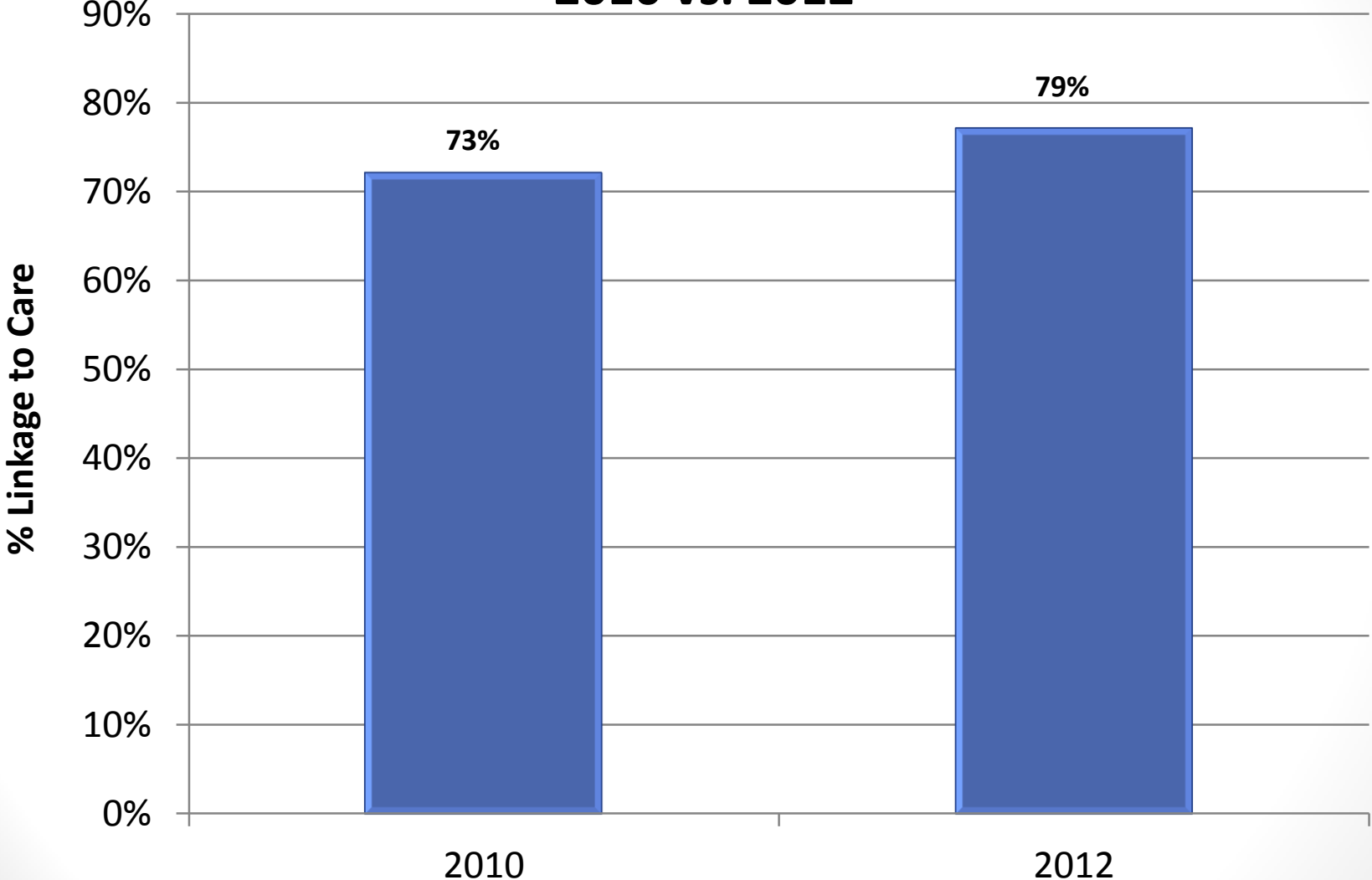


# **Antiretroviral Treatment Access Study (ARTAS): Evidence-based Linkage**

- ❖ **>50 NYC DOHMH-funded agencies for HIV testing & linkage**
- ❖ **2011-2012: All agencies identified and named at least one linkage navigator; these navigators took required ARTAS**
- ❖ **December 2012: 210 funded staff have been trained on ARTAS**
- ❖ **ARTAS curriculum now incorporated in HIV Training & Technical Assistance Program (T-TAP)**
- ❖ **ARTAS training required for all new staff that link and as annual booster**

# Linkage to Care: DOHMH-funded HIV Testing Prevention Portfolio (% of confirmed positives linked to care by clinical sites)

## 2010 vs. 2012



NYC DOHMH, Bureau of HIV/AIDS Prevention and Control Program Data, 2010 and 2012



# NYC Partner Services in the 21<sup>st</sup> Century

## The FSU: A Modern Field Response

- **2006: NYC DOHMH created the 'Field Services Unit' (FSU)**  
**PHAs stationed at 10 hospitals in highest prevalence neighborhoods**
- **What does FSU do:**
  - **Conducts face-to-face interviews with HIV-infected NYC residents.**
  - **Helps HIV-infected patients and providers notify and test sex and/or needle-sharing partners.**
  - **Helps HIV-infected patients and partners link to medical care.**
  - **Helps HIV-infected persons avoid transmission to others**
- **By 2013: FSU now serves ALL NYC providers diagnosing >10 newly diagnosed patients per year.**

# FSU Data

- **In 2011, FSU:**
  - **interviewed 1,499 HIV-positive individuals (79% new dx)**
  - **Linked 92% of newly diagnosed persons to care**
  - **Notified 1,209 partners of potential HIV exposure**
  - **Tested 598 partners, with a 12% seropositivity**
  - **Of all persons tested, 285 partners were rapid tested in the field**

# NYC Partner Services in the 21<sup>st</sup> Century: RETOOLING FSU



## Pilot Activities

- Field-based laptops with registry lookup capability from any site
- INSTI field-based testing ( 60 second test; no more 20 min wait)
- Blackberries for PHAs (texting to reach partners)
- Provider EMR-direct electronic request for partner services

# Care Coordination

## Improving Engagement and Adherence

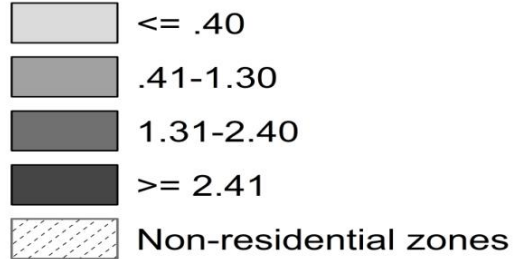
- **NYC funds 28 'Care Coordination Programs'**
  - 16 hospital-based programs
  - 12 community-based programs
- **More than 6,000 unique PLWH (cumulative) 12/09-3/12**
- **Persons at high risk for suboptimal care outcomes**
  - Newly diagnosed, previously lost to care/never in care, irregularly in care, or having current or recent adherence challenges, viral rebound, or resistance.
- **Medical home model with:**
  - return-to-care activities and ongoing outreach
  - assistance with medical and social services
  - patient navigation
  - directly observed therapy (DOT)
  - health promotion/education in home visits

# CCP Lead and Satellite Service Sites<sup>a</sup>

- ☆ Lead CCP Service Site
- Satellite CCP Service Site

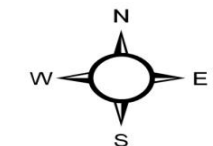
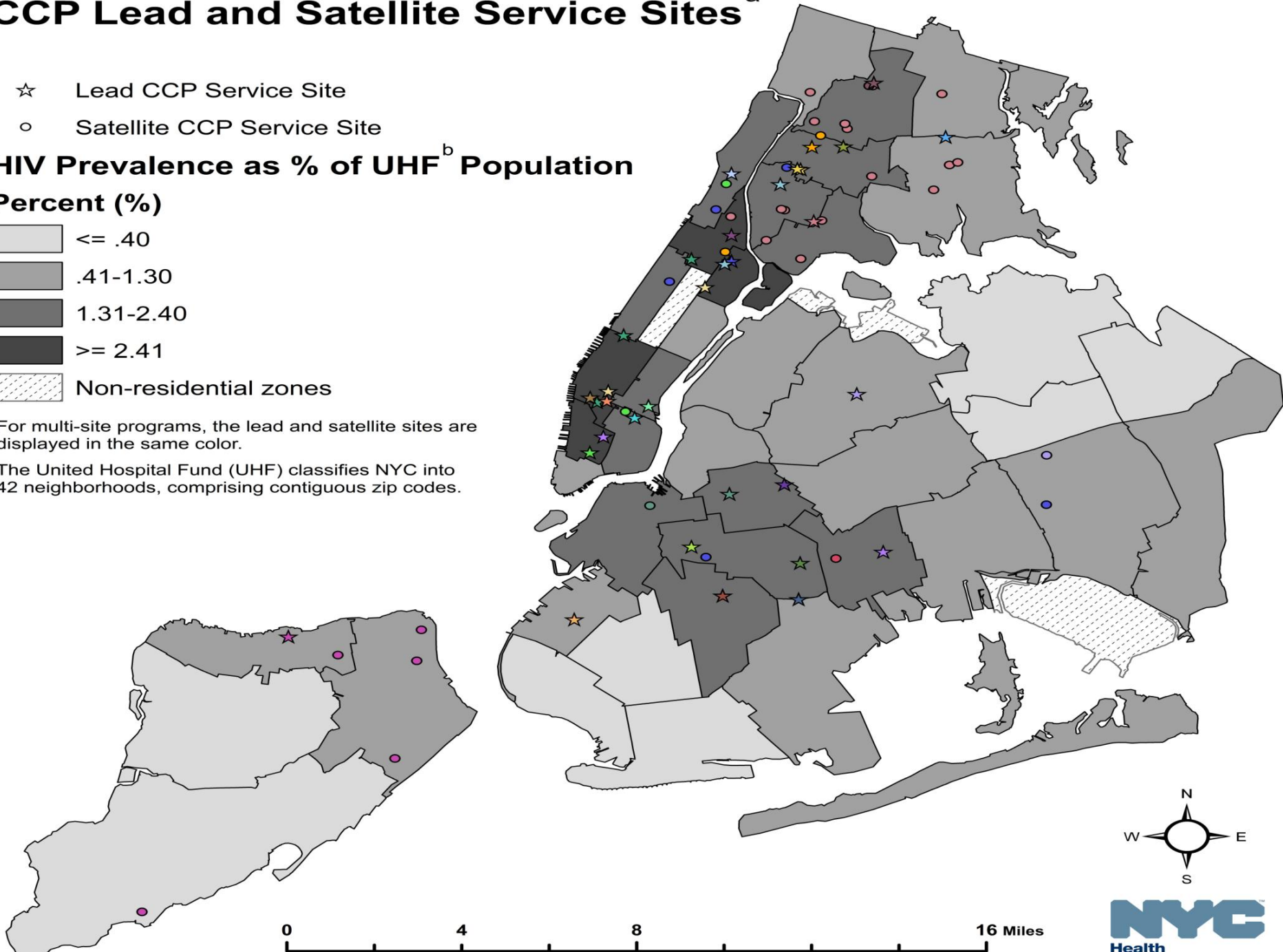
## HIV Prevalence as % of UHF<sup>b</sup> Population

### Percent (%)



<sup>a</sup> For multi-site programs, the lead and satellite sites are displayed in the same color.

<sup>b</sup> The United Hospital Fund (UHF) classifies NYC into 42 neighborhoods, comprising contiguous zip codes.



# Measuring Care Coordination Impact Pre- vs. Post- enrollment

## Matched CCP data with NYC HIV Registry:

- **Purpose:** Compare engagement & viral load (VL) suppression 12 months before & after enrollment
- **Outcome Measures:**
  - Engagement in Care (EiC):  $\geq 2$  CD4 or VL tests  $\geq 90$  days apart, with  $\geq 1$  in each half of 12-month period
  - Viral Load Suppression (VLS): VL  $< 400$  copies/ $\mu$ L on most recent test in second half of 12-month period.\*



# Measuring Care Coordination Impact

## Pre- vs. Post- enrollment

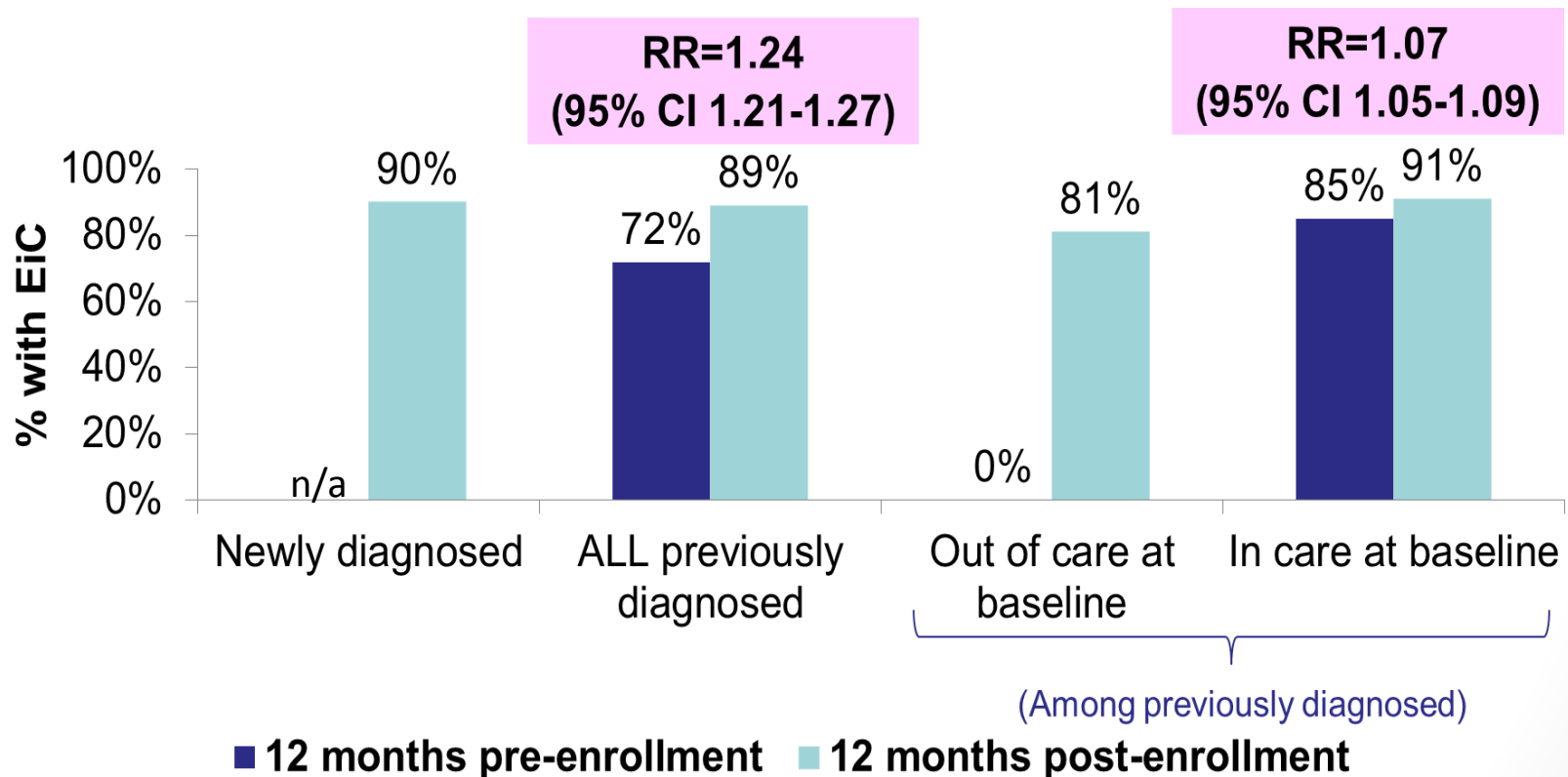
### Clients Eligible for Analysis (N=3,663):

- Must be enrolled by 3/31/11, matched to the Registry; alive for at least one year of follow-up.

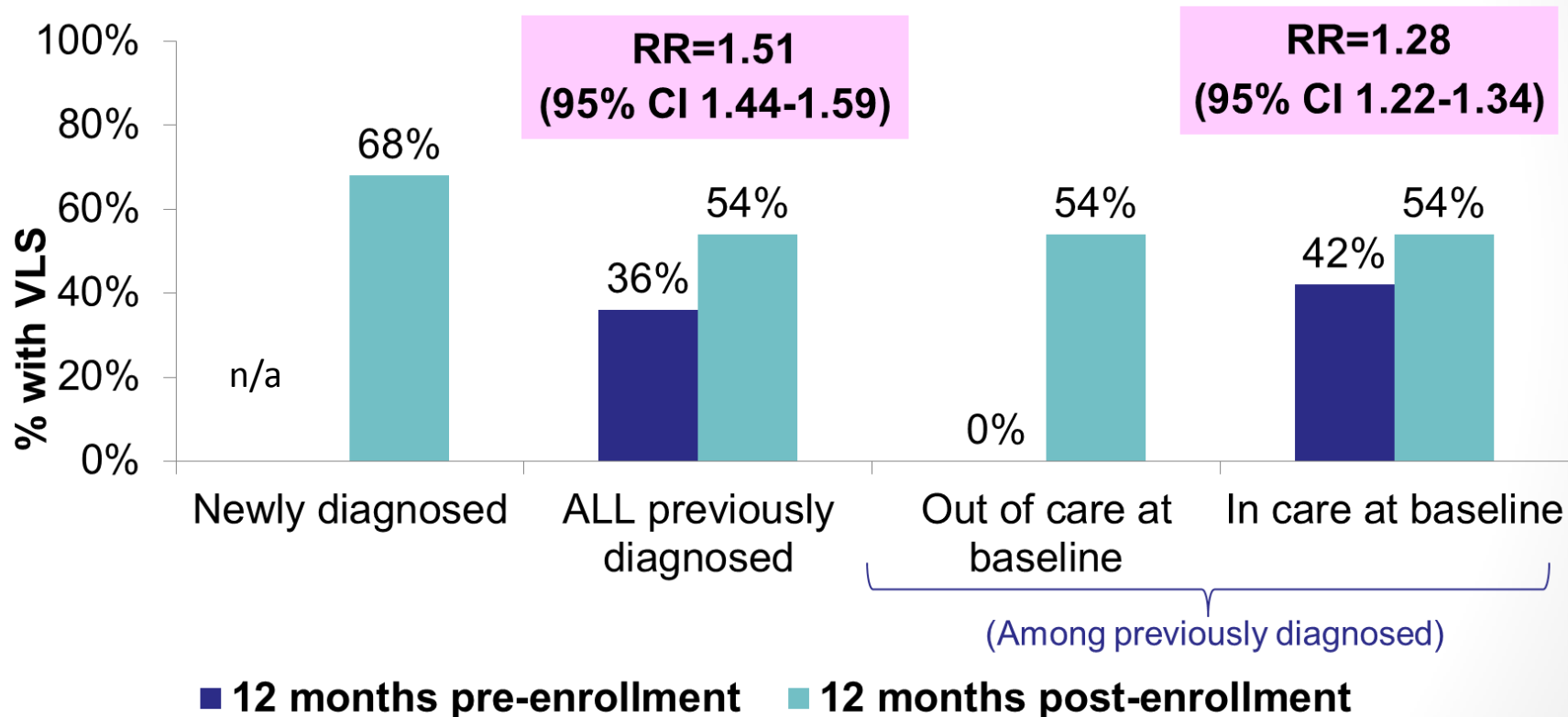
### Key Terms:

- Newly Diagnosed: HIV diagnosis date in 12 months before enrollment
- In Care (Baseline): Any CD4 or VL test date in 6 months before enrollment (among the previously diagnosed)
- Out of Care (Baseline): No CD4 or VL test date in 6 months before enrollment (among the previously diagnosed)

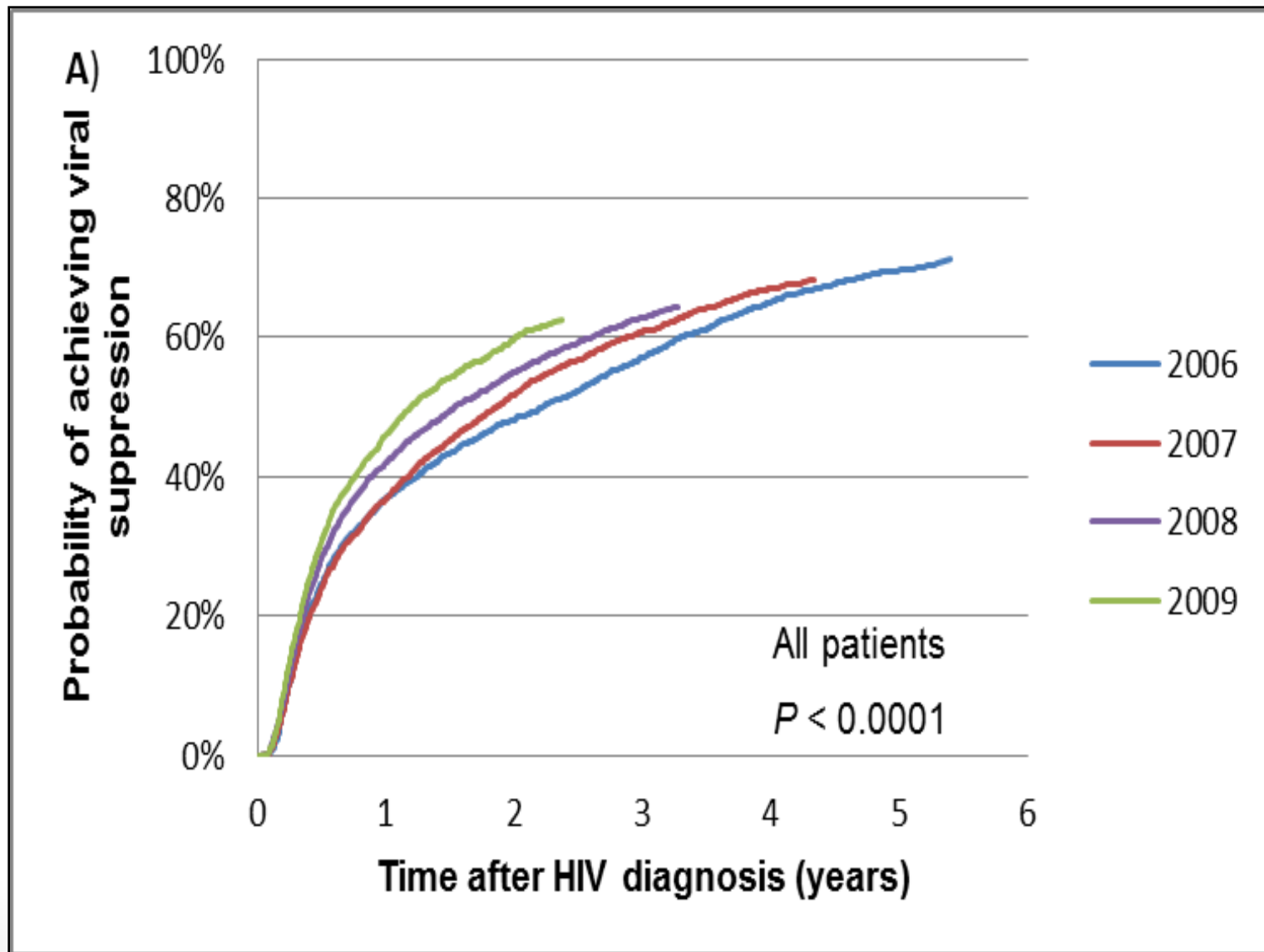
# Care Coordination Impact: Improving Engagement



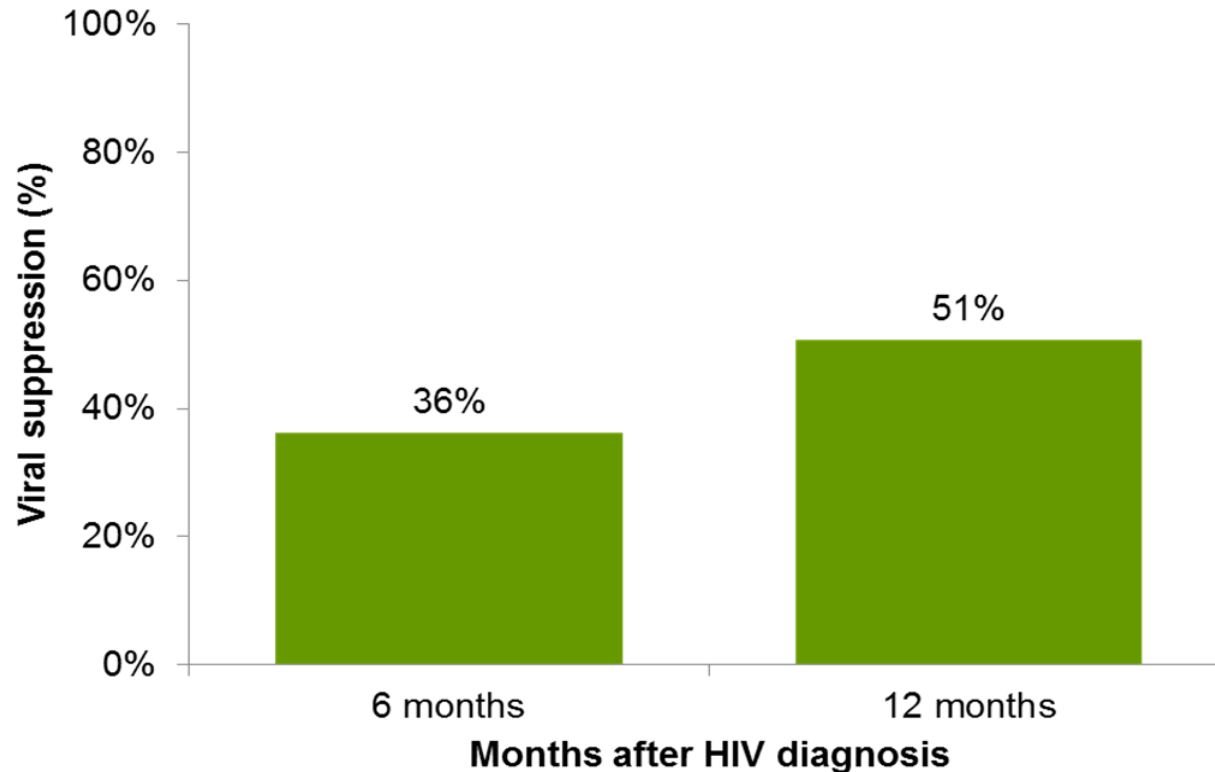
# Care Coordination Impact: Improving Adherence and VL Suppression



# Improving VL Suppression Citywide



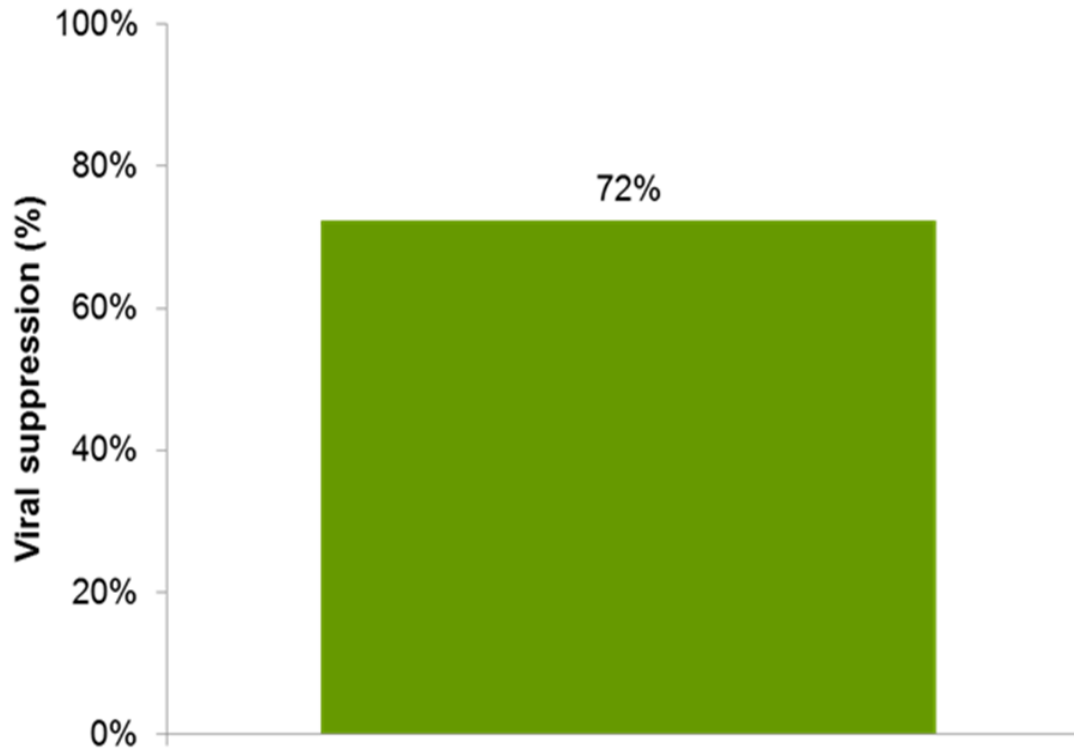
# Proportion of persons newly diagnosed with HIV with viral suppression<sup>1</sup> at 6 and 12 months after diagnosis, NYC 2010



**Over half of persons newly diagnosed with HIV in NYC in 2010 were virally suppressed by 12 months after diagnosis.**

<sup>1</sup> Viral suppression is defined as viral load < 400 copies/ml. As reported to the NYC DOHMH by September 30, 2011.

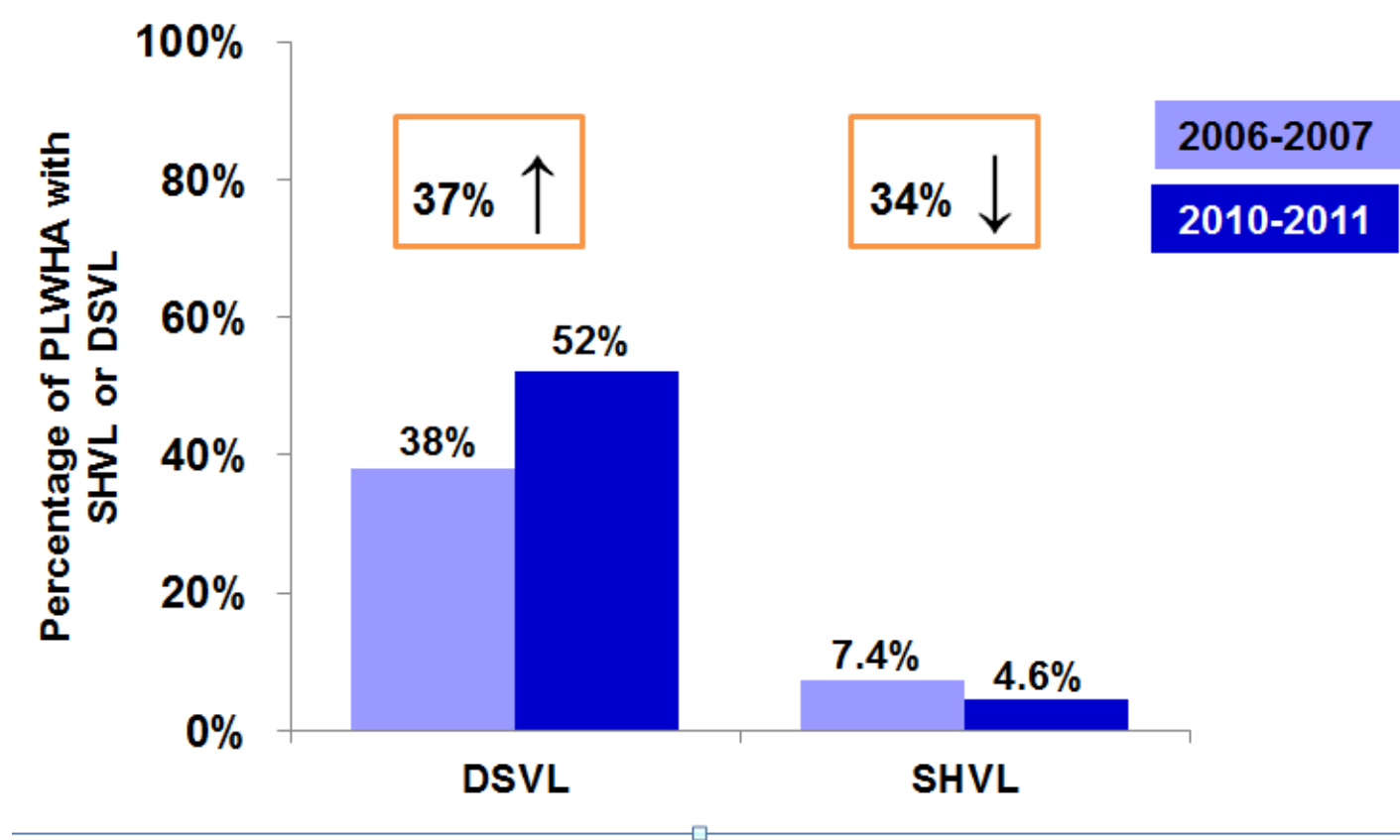
# Proportion of PLWHA in 2010 with a CD4 or VL ordered by an NYC provider in 2010 whose last HIV VL result indicated viral suppression<sup>1</sup>



**Nearly three-quarters of persons living with HIV/AIDS and under clinical monitoring in NYC in 2010 had an undetectable last viral load.**

<sup>1</sup> Viral suppression is defined as viral load < 400 copies/ml. As reported to the NYC DOHMH by September 30, 2011.

# Use of Registry Data to Identify Improvements in Durable VL Suppression and Sustained High Viral Load



Stadelmann L. et al. CROI 2013. Abstract 1032b. Data as reported to the NYC DOHMH by June 30, 2012.  
DSVL: PLWHAs with all VLs  $\leq$  400 copies/ml; SHVL: PLWHA with > 2 consecutive VLs  $\geq$  100,000.

# NYC Treatment Recommendation

## December 1, 2011

HOME PAGE | TODAY'S PAPER | VIDEO | MOST POPULAR | TIMES TOPICS

**The New York Times** **N.Y. / Region**

WORLD | U.S. | N.Y. / REGION | BUSINESS | TECHNOLOGY | SCIENCE | HEALTH | SPORTS | OPINION

 **EDGE OF EMPIRES**  
PAGANS, JEWS, AND CHRISTIANS  
AT ROMAN DURA-EUROPOS  
UNTIL JANUARY 8, 2012

INSTIT  
OF TH  
New Yor  
15 East 6  
isaw.nyu

### Seeing Chance to End Spread of H.I.V., City's Health Chief Pushes Earlier Drug Treatment

By ANEMONA HARTOCOLLIS  
Published: November 30, 2011

New York City's health commissioner is pushing an aggressive change in city policy toward H.I.V., recommending that doctors begin to treat it as soon as it is diagnosed.

**Related**  
Times Topic: [AIDS / H.I.V.](#)

The commissioner, Dr. Thomas Farley, said Wednesday that he believed that the effort would reduce transmission of H.I.V., the virus that

 RECOMMEND  
 TWITTER  
 LINKEDIN  
 SIGN IN TO E-MAIL  
 PRINT  
 REPRINTS



# 3 Months Later...

## DHHS Releases Similar Recommendations

March 28, 2012

Revised U.S. Guidelines: HIV Treatment is Recommended for All People Living With HIV

by **Tim Horn**

Antiretroviral (ARV) therapy is now recommended for all U.S. residents living with HIV, according to [revised HIV treatment guidelines](#) released by the U.S. Department of Health and Human Services on March 27, 2012.

Though the guidelines now largely sidestep CD4 cell counts as a major factor to consider when starting therapy, the expert panelists continue to emphasize the importance of individual factors that should be considered by patients and their health care providers in deciding whether the benefits of immediate ARV therapy outweigh the potential risks.

The last iteration of the *Guidelines for the Use of Antiretroviral Agents in HIV-1-Infected Adults and Adolescents*, published in October 2011, clearly recommended treatment for all people living with HIV with CD4 cells below 500. As for those with CD4 cell counts above 500, no definitive recommendation was provided by the panelists, largely due to the split in expert opinion at the time.

The majority of guidelines panelists now believe treatment should be started even when the CD4 cell count is above 500—essentially soon after HIV is diagnosed in all cases.

"The [March 2012] recommendation to initiate therapy at CD4 counts [greater than] 500 cells"—which received a "moderate" (as opposed to a "strong") rating based on expert opinion, not on data from clinical trials or long-term cohort studies—"is based on growing awareness that untreated HIV infection or uncontrolled viremia may be associated with development of many non-AIDS-defining diseases, including cardiovascular disease (CVD), kidney disease, liver disease, neurologic complications, and malignancy; availability of [ARV] regimens that are more effective, more convenient, and better tolerated than earlier [ARV] combinations no longer widely used; and evidence from one observational cohort study that showed survival benefit in patients who started ART when their CD4 counts were [greater than] 500," the guidelines panelists write.

"Tempering the enthusiasm to treat all patients regardless of CD4 count is the absence of randomized data that definitively demonstrate a clear benefit of [ARV therapy] in patients with CD4 count [greater than] 500 and mixed

# New Use of Registry Data

## NYC HIV 'Care Continuum Dashboards'

### What Are CCDs?

- Facility-Level Care Indicators Developed Using Registry Data

### Why Develop CCDs?

- So that facilities can measure their own progress toward NHAS Goals

### Who is Receiving CCDs?

- Pilot: Spring, 2012 (9 facilities, convenience sample)—acceptable
- First Dissemination: December 12, 2012 to 21 high volume facilities in NYC (each with >1,000 'in care' & HHC facilities)
- Strategy: Biannual dissemination starting 2013

### Communications Strategy:

- Letter from Assistant Commissioner, CCDs and FAQs sent to:
  - Hospital/Facility Chief Executive Officer
  - Hospital/Facility Chief Medical Officer
  - Hospital/Facility HIV Medical Director

# NYC HIV Care Continuum Dashboards



NEW YORK CITY DEPARTMENT OF  
HEALTH AND MENTAL HYGIENE

Thomas Farley, MD, MPH  
Commissioner

M. Monica Sweeney, MD, MPH December 12, 2012  
Assistant Commissioner  
Bureau of HIV/AIDS Prevention &  
Control  
nyc.gov/health

42-09 28<sup>th</sup> Street, CN-A/1  
Queens, NY 11101

347-396-7728 tel  
347-396-7791 fax

Dear Colleague:

We are pleased to provide you with your facility's *2011 HIV Care Continuum Dashboard (CCD)*. For this CCD, two key indicators of HIV care success were selected based on the goals established in the *2010 National HIV/AIDS Strategy*<sup>1</sup>: linkage to care and viral load suppression. Your facility's performance on these indicators was assessed using HIV surveillance data reported to the New York City Department of Health and Mental Hygiene.



## HIV Care Continuum Dashboard (CCD)

*Frequently Asked Questions (FAQs) for Healthcare Providers*

### A. GENERAL QUESTIONS ABOUT THE HIV CARE CONTINUUM AND THE CCD

#### 1. What is the HIV Care Continuum?

The HIV Care Continuum is defined as a coordinated delivery system, encompassing a comprehensive range of health and social services that meet the needs of people living with HIV at all stages of illness.<sup>1,2</sup>

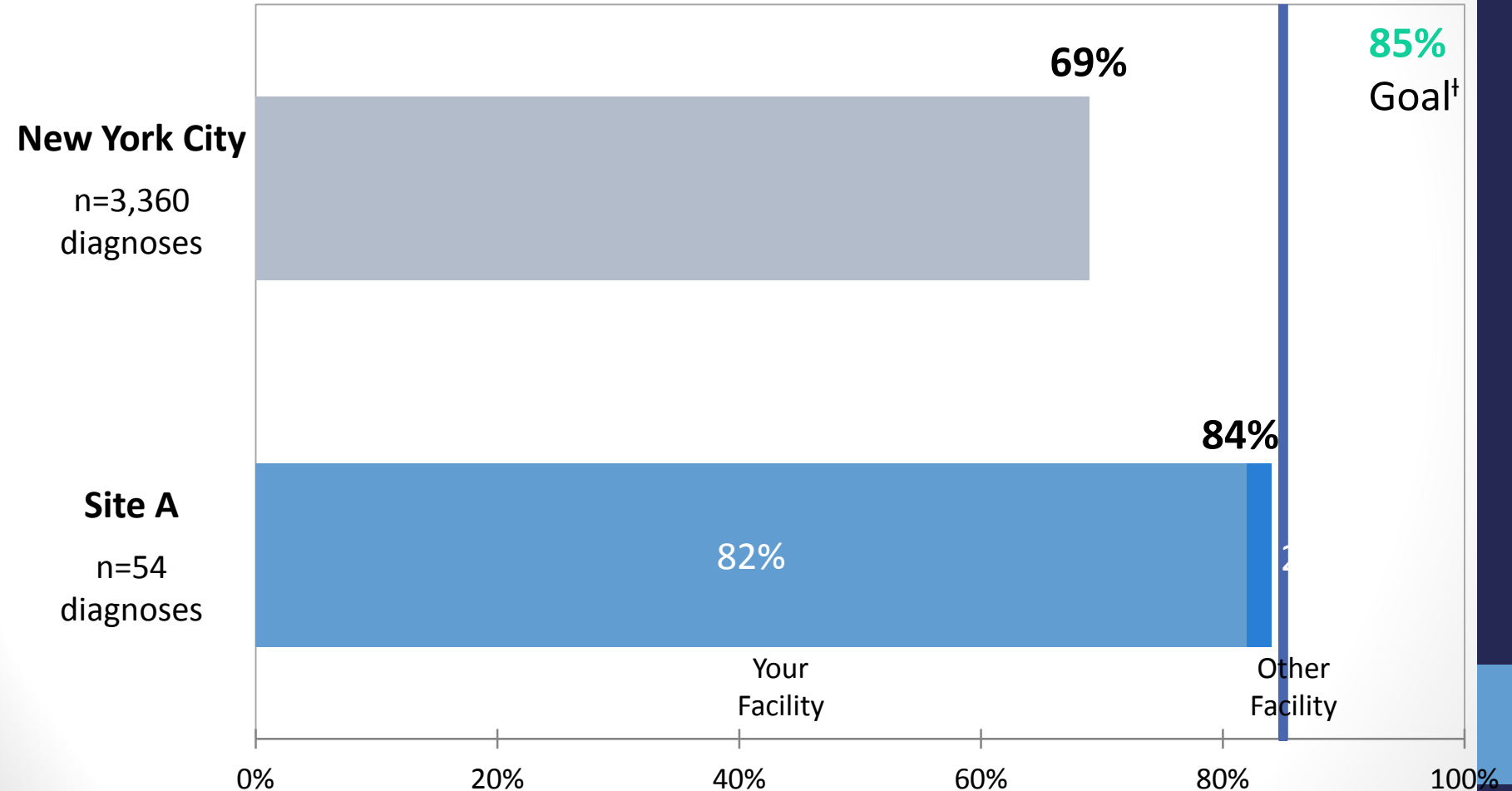
#### 2. Why were linkage to care and viral load suppression selected as areas of focus for the CCDs?

Linkage to care and viral load suppression are both critical components of the HIV Care Continuum. Linkage to care is the entry point within the care continuum. Viral load

# NYC HIV ‘Care Continuum Dashboards’ Indicators

Final Indicators	Definitions
<p><b>Timely Linkage to Care of Newly Diagnosed Patients</b></p>	<p>CD4 or VL within 3 months of HIV diagnosis, following a 7 day lag (8-91 days) at “your” facility and “other” NYC facility</p> <p>÷</p> <p>All persons diagnosed with HIV at that particular facility within the calendar year as per the Registry</p>
<p><b>Viral Suppression Among Patients in Care</b></p>	<p>Most recent HIV RNA &lt;400 copies/mL</p> <p>÷</p> <p>2 HIV lab reports (CD4 or VL) ≥ 90 days apart (HRSA definition) at that particular facility within the calendar year as per the Registry</p>

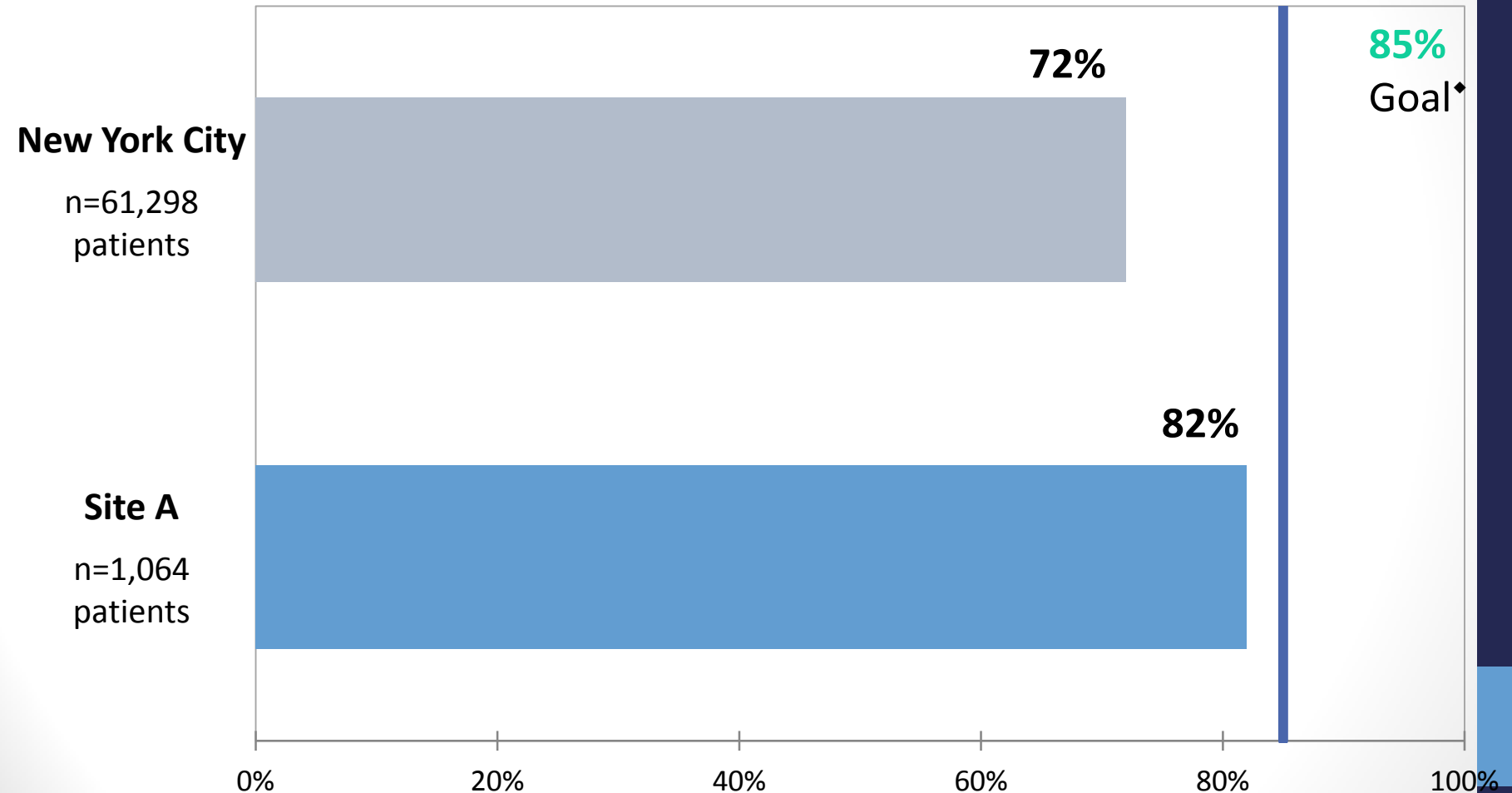
## Timely\* Linkage to Care of Newly Diagnosed Patients, 2011



\* Linked to care within 3 months of diagnosis

† National HIV/AIDS Strategy goal

## Viral Load Suppression among Patients in Care<sup>‡</sup>, 2011



# Summary

## Core Cascade Approaches in NYC

- Evidence-based and seek to optimize combination strategies
- Seek to maximize scale: focusing on systems, policy and population approaches
- Deploy enhanced uses of registry data, as allowable by law
- Maximize new technologies

## Linkage to Care

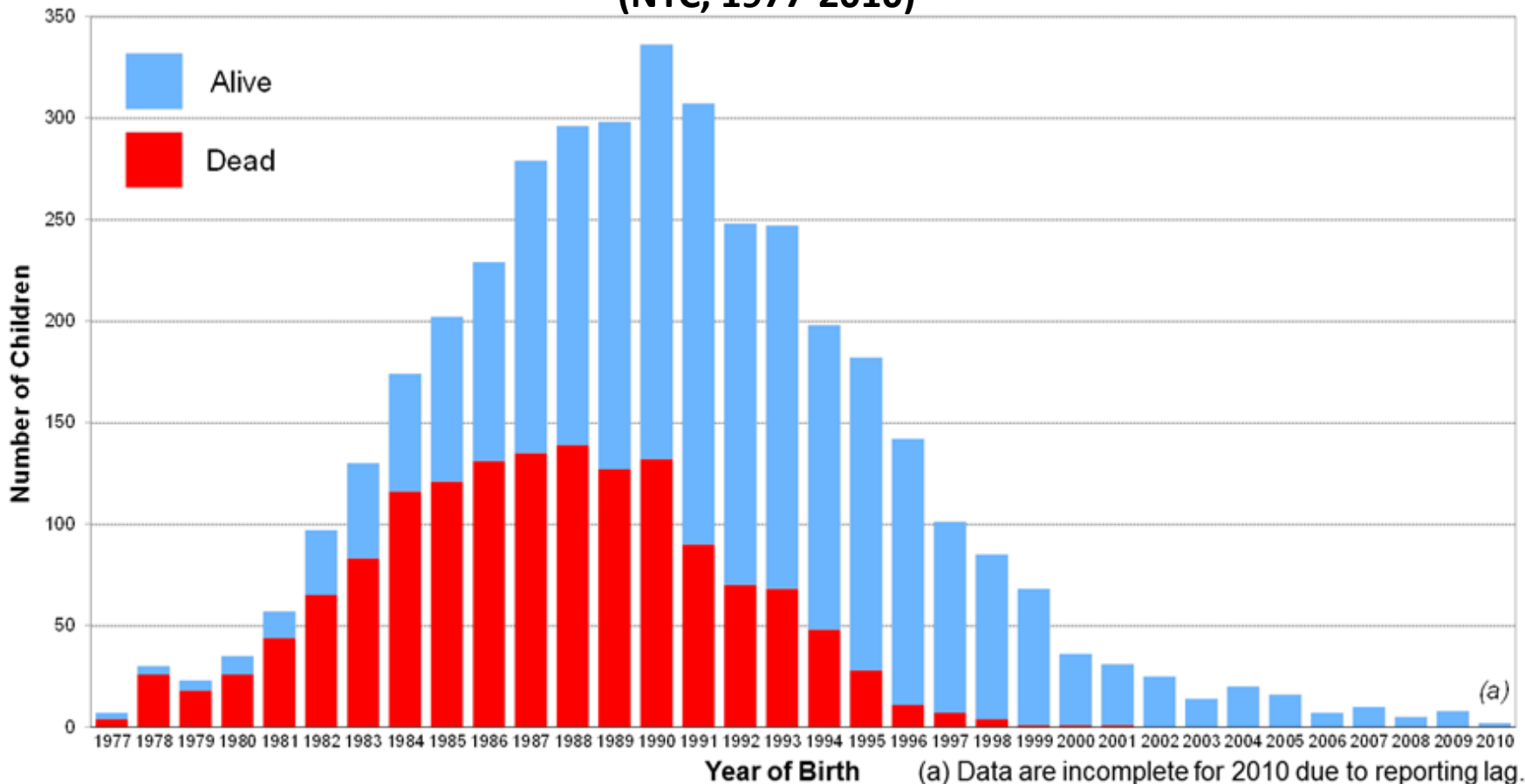
- 2010 legislation requires active linkage
- Maximizing contractual incentives to reward timely linkage
- Broadly expanding DOHMH Field Services Unit to all diagnosing providers
- Modernizing/automate provider reporting & PS requests (via EHR)
- Leveraging evidence-based strategies, such as ARTAS

## Retention, Adherence and VL Suppression (Care Outcomes)

- Care Coordination citywide (demonstrating improved outcomes)
- Early treatment recommendation—monitored at site level by new CCDs
- Partnership with all key stakeholders to advance new strategies

# We have done it before...

Perinatally HIV-infected Children (n=3,945) by Year of Birth and Vital Status (NYC, 1977-2010)



The number of HIV-infected infants born each year decreased dramatically from the peak in 1990. This coincides with the use of perinatal prevention measures. **91%** were born in NYC.



# Acknowledgements

## **NYC DOHMH**

**Adriana Andaluz  
Sarah Braunstein  
Jeffrey Escoffier  
Jennifer Fuld  
Graham Harriman  
Mary Irvine  
Paul Kobrak  
Katie Lewis  
Andrea Mantsios  
Jennifer Medina-Matsuki  
Nana Mensah  
Julie Myers  
Kara O'Brien  
Pamela Rowland  
Katherine Rucinski  
Charu Sabharwal  
Colin Shepard  
Laura Stadelmann  
Monica Sweeney  
Lucia Torian  
Ben Tsoi**

## **NYC DOHMH (con't)**

**Chi-Chi Udeagu  
Jay Varma  
BHIV Program Staff**

## **NYC COMMUNITY**

**The Bronx Knows & Brooklyn Knows  
Steering Committee Teams**

## **CDC**

**Bernard Branson  
Lisa Belcher  
Steven Flores  
Jonathan Mermin  
David Purcell  
Melissa Thomas-Proctor**

## **HHS**

**Ron Valdiserri  
SAMSHA  
Ilze Ruditis  
David Thompson**

**ANY  
BODY  
CAN GET  
HIV**

MAN OR WOMAN, GAY OR STRAIGHT, YOUNG OR OLD,  
EVERY BODY NEEDS AN **HIV** TEST

ASK FOR AN **HIV** TEST TODAY!

Thank You

# NEW YORK KNOWS

WHAT'S YOUR HIV STATUS?

stay safe + get care ? get tested

**NYC**

**CUALQUIER PERSONA PUEDE CONTRAER el VIH**

**HOMBRE O MUJER, GAY O HETEROSEXUAL, JOVEN O MAYOR, CADA UNO NECESITA UNA PRUEBA DE VIH**

**¡PIDA UNA PRUEBA DE VIH HOY!**

**BROOKLYN SI SABE**  
PARA UNA PRUEBAS GRATIS DE VIH LLAME AL **311**

Spanish

**NYC**

**NENPÒT MOUN KA GEN VIH**

**BASON KOU FI, OMSEKSYÈL KOU ETÈROSEKSYÈL, JEN MOUN KOU GRANMOUN, TOUT MOUN BEZWEEN FÈ YON TÈS POU VIH**

**MANDE POU YO FÈ YON TÈS POU VIH POU OU JODI A!**

**BROOKLYN KONNEN**  
KI ESTATI VIH OU Y  
KONNEN KI GEN YON VIH GRATIS, RELE **311**

Haitian Creole

**NYC**

**ЛЮБОЙ МОЖЕТ ЗАБОЛЕТЬ ВИЧ**

**МУЖЧИНА ИЛИ ЖЕНЩИНА, СТАРЫЙ ИЛИ МОЛОДОЙ, ГОМОСЕКСУАЛИСТ ИЛИ ГЕТЕРОСЕКСУАЛИСТ ВСЕМ НУЖНО ПРОХОДИТЬ ТЕСТ НА ВИЧ**

**СПРОСИТЕ О ТЕСТИРОВАНИИ НА ВИЧ СЕГОДНЯ!**

**БРУКЛИН ЗНАЕТ**  
КАКОМУ ВАМ ВИЧ-СТАТУС?  
• Не употребляйте общие инструменты  
• Используйте презервативы  
• Проходите тестирование

**С ВОПРОСАМИ О БЕСПЛАТНОМ ТЕСТИРОВАНИИ НА ВИЧ, ЗВОНИТЕ 311**

Russian

**NYC**

**任何身體都可能染上 HIV 愛滋病毒**

**男或女，同性戀或異性戀者，年輕或年長，每個身體都需要做 HIV 愛滋病毒檢驗**

**請今天就要求做 HIV 愛滋病毒檢驗！**

**布魯克林知道**  
如何免費 HIV 愛滋病毒檢驗，請電 **311**

Chinese

# ANY BODY CAN GET HIV

MAN OR WOMAN, GAY OR STRAIGHT, YOUNG OR OLD,  
EVERY BODY NEEDS AN **HIV** TEST

ASK FOR AN **HIV** TEST TODAY!

Extra Slides

# HIV/AIDS Surveillance in NYC

- **1981:** MMWR reports PCP and KS from Los Angeles and NYC. AIDS surveillance begins
- **1983:** New York State mandates named AIDS case reporting through an emergency amendment to section 24.1 of the state sanitary code
- **1998:** New York State mandates named HIV reporting through Public Health Law Article 21 Title III
- **June 1, 2000:** New York State implements reporting of HIV, detectable viral load and CD4<500
- **June 1, 2005:** New York State issues emergency regulations mandating reporting of *all* viral load and CD4 values