



Continuum of Care Ryan White Part A Administrative Reverse Site Visit Meeting July 30, 2013

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Continuum of Care

- Tracy Matthews, MHA, RN
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- Deborah Isenberg, MPH, CHES
- Marlene Matosky, MPH, RN
- John Milberg, MPH
- Faye Malitz, MS
- Laura W. Cheever, MD, ScM



Overview of Presentation



- What is a Continuum of Care?
- Characteristics of a Continuum of Care
- Points of Entry
- Barriers and Challenges
- Benefits and Costs
- Consequences of a Failed Continuum of Care
- Ryan White Services Report and Continuum of Care



What is a Continuum of Care?

- An integrated service network that guides and tracks HIV clients over time through a comprehensive array of clinical, mental, and social services in order to maximize access and outcomes.

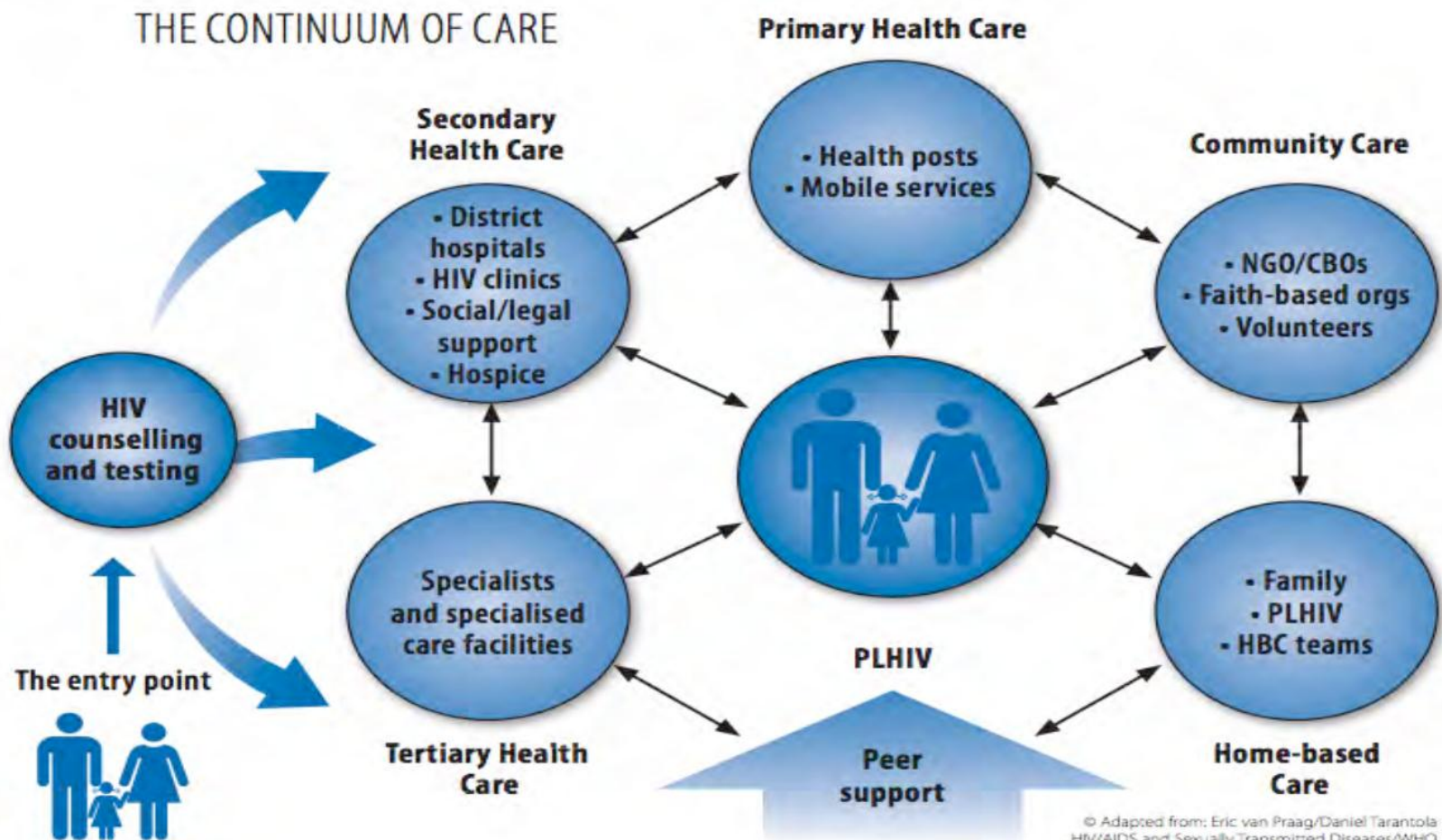
Characteristics of a Continuum of Care

Coordination
Among Provider
Treatment
Activities

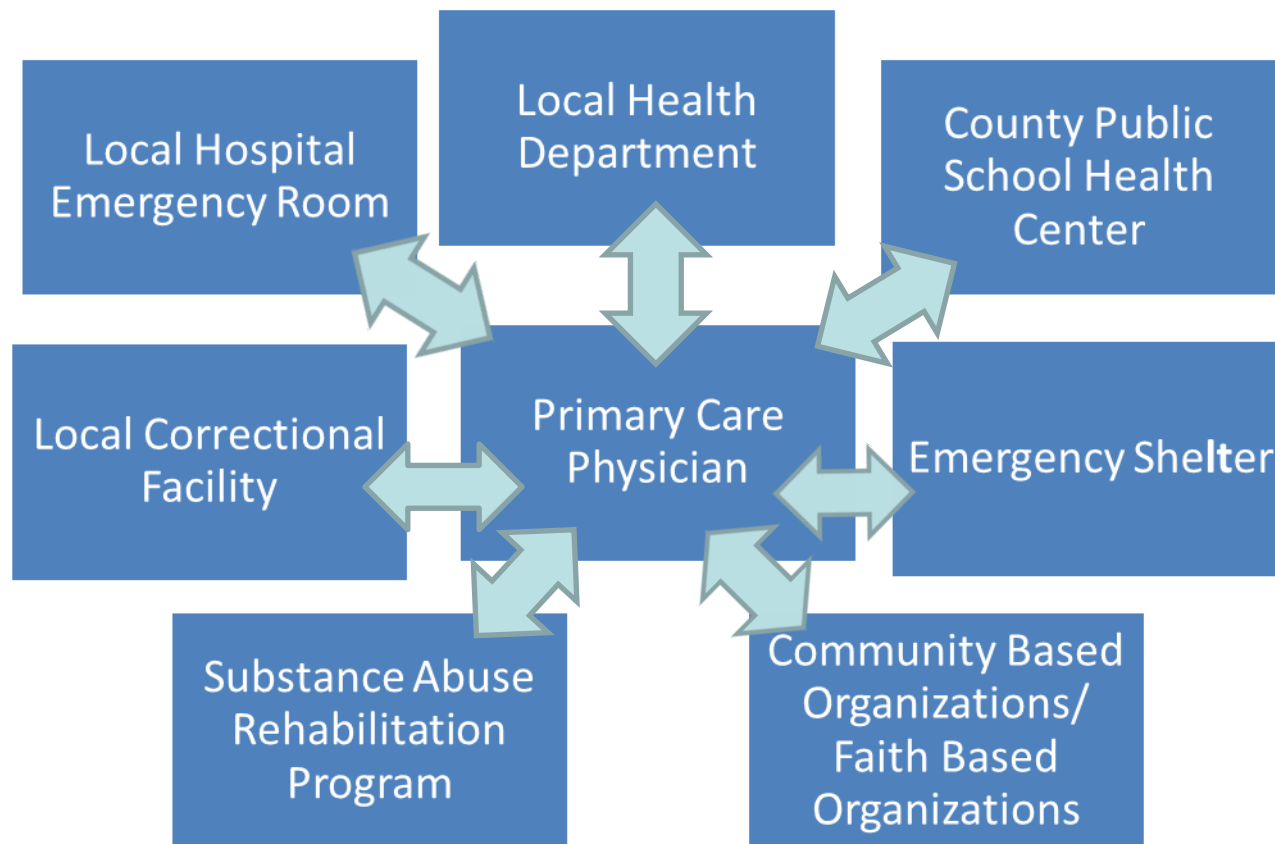
Seamless
Transitions Across
Levels of Care

Coordination of
Present and Past
Treatment

Continuum of Care Points of Entry



Continuum of Care Flow Chart



Common Barriers/ Challenges

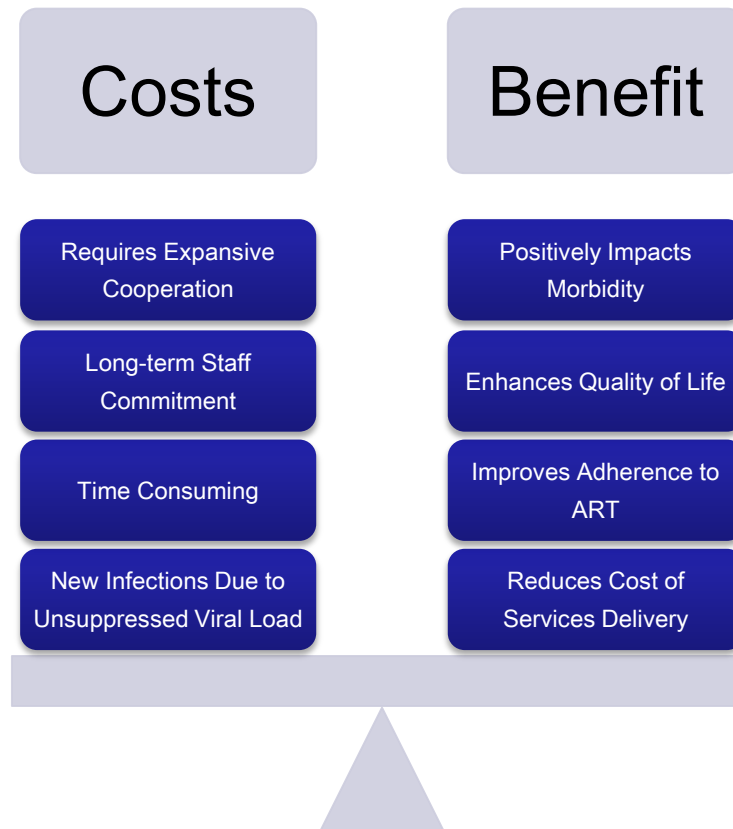
Patient
Retention

HIV Stigma/
Discrimination

Provider Cultural
Competency

Limited
Resources

Costs vs. Benefits of Continuum of Care



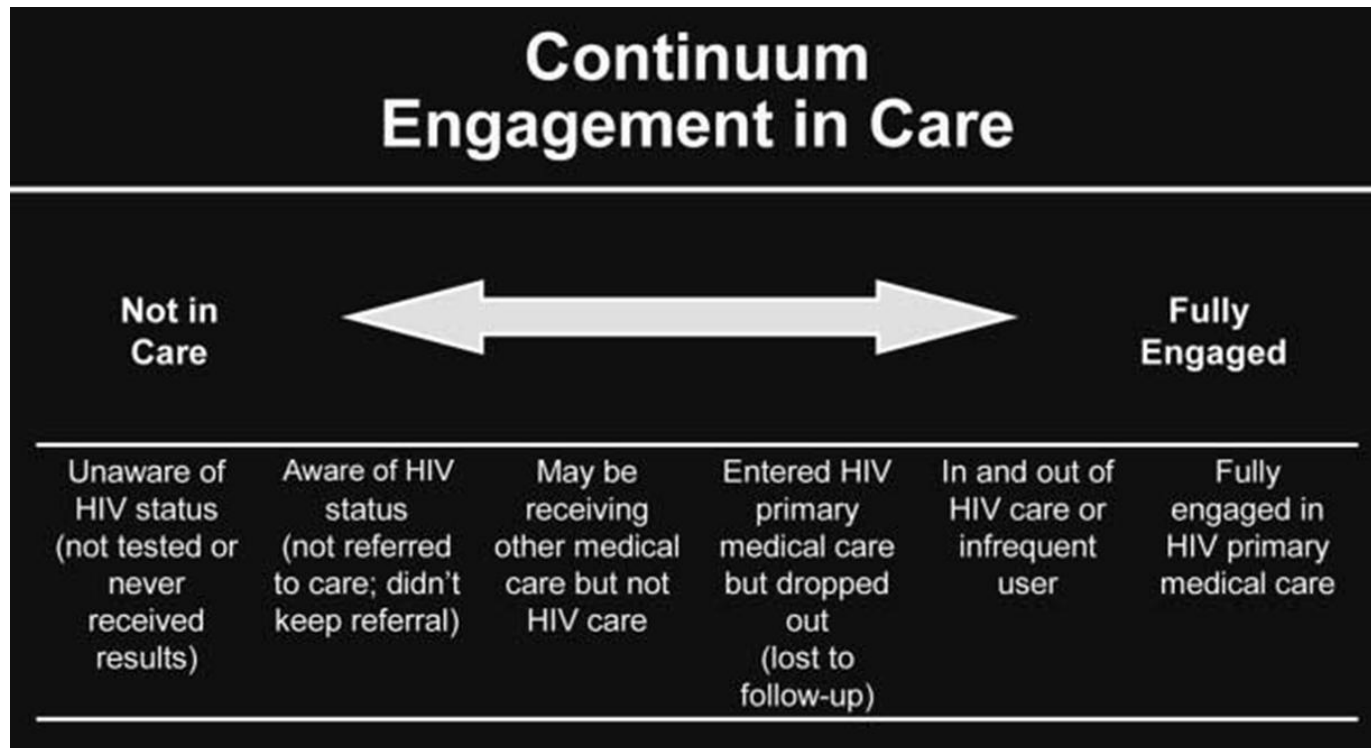
Consequences of a Failed Continuum of Care

Substandard
Patient Care

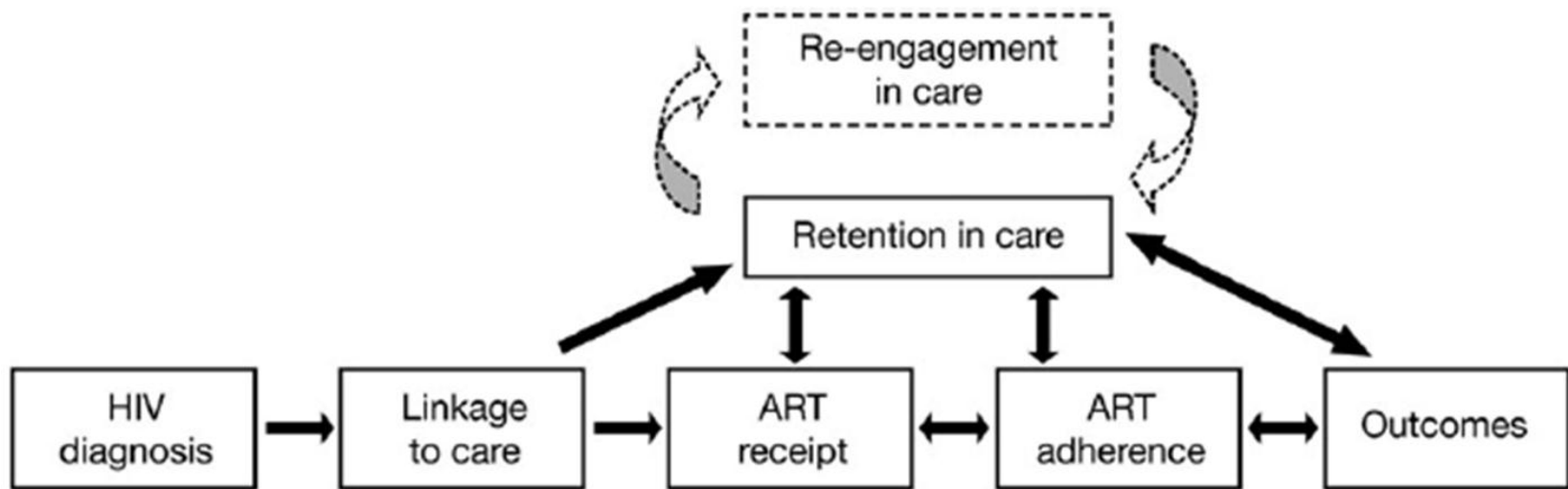
Inefficient Use of
Federal and Local
Funds

Increases in
Morbidity

HRSA Continuum of Engagement in HIV Care

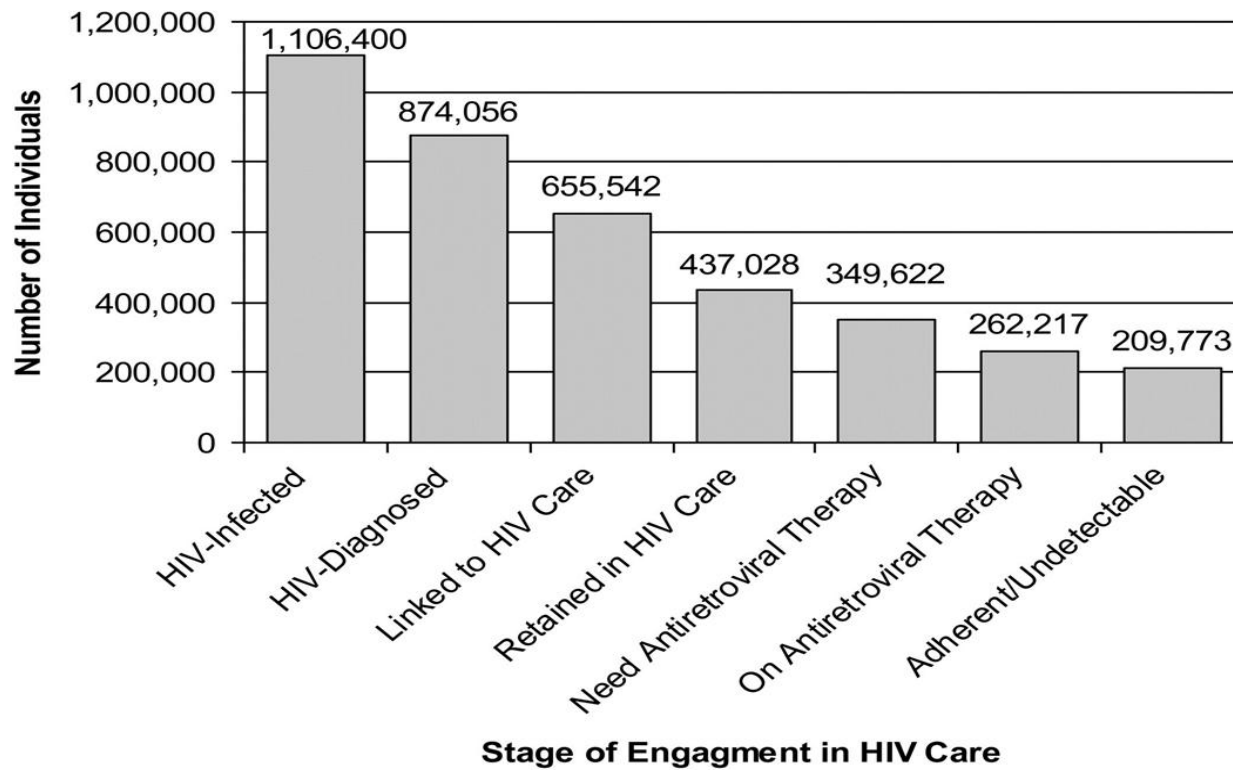


Framework for HIV care Service Delivery



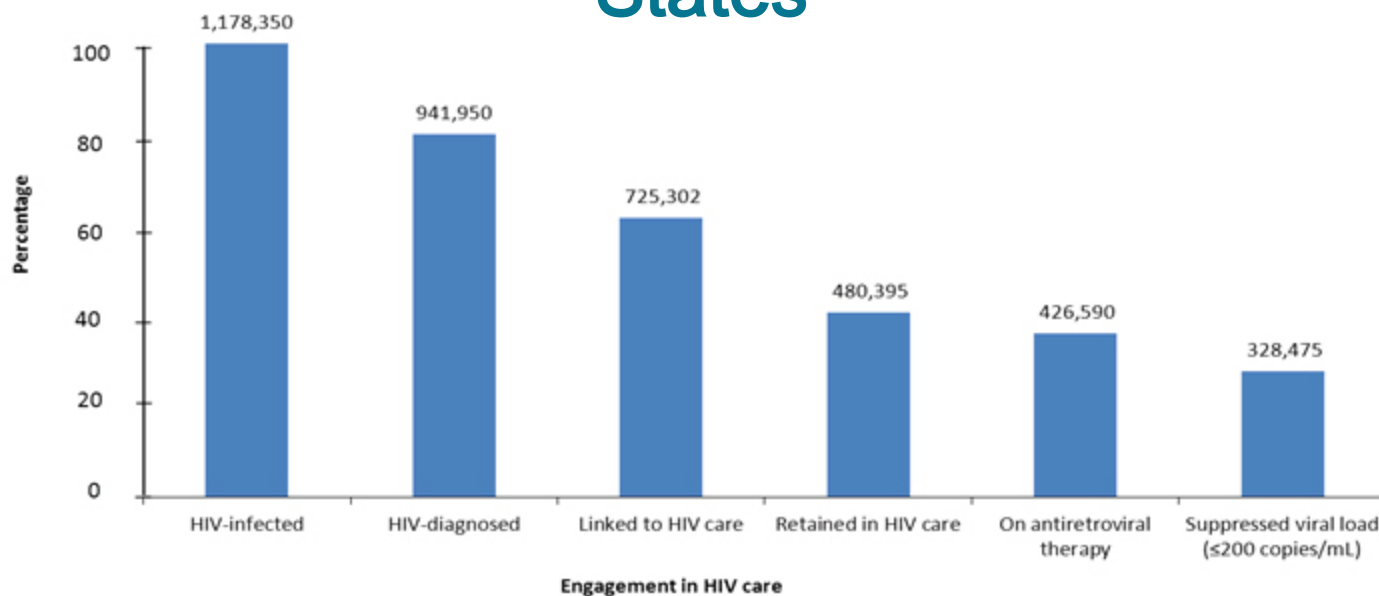
Mugavero M et al. Clinical Infectious Diseases 2011; 52(Suppl 2): S238-S246

The spectrum of engagement in HIV care in the United States spanning from HIV acquisition to full engagement in care, receipt of antiretroviral therapy, and achievement of complete viral suppression.



Gardner E M et al. Clin Infect Dis. 2011;52:793-800

Number and Percentage of HIV-infected Persons Engaged in Selected Stages of the Continuum of HIV care—United States



Source: Centers for Disease Control and Prevention. Vital Signs: HIV prevention through care and treatment—United States. *MMWR* 2011;60(47):1621.



Ryan White HIV Continuum of Care: Data Processing (12-18 months)

- Mandatory annual reporting by all RW grantees
- Client-level data sent electronically in encrypted format to HRSA
- Data validation
- Data cleaning
- Probabilistic records linkage

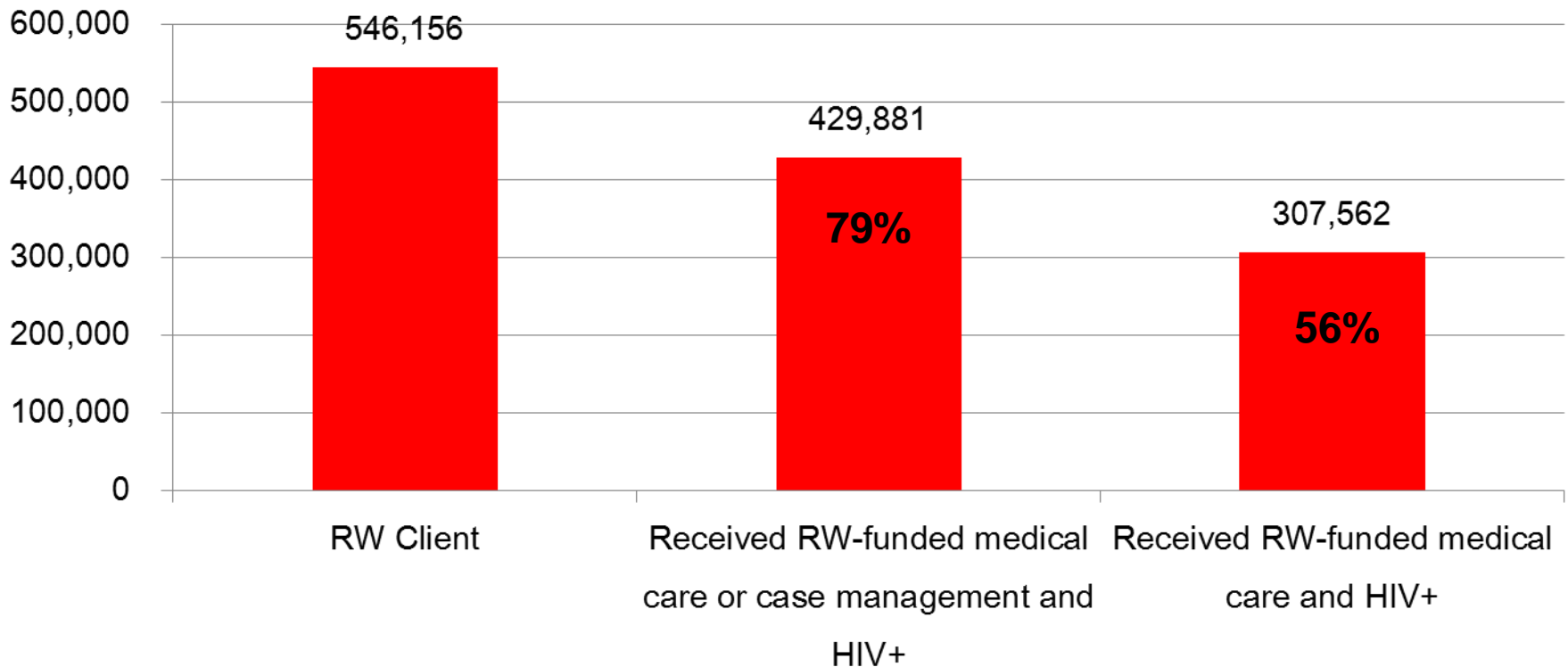
Result: One data set that contains a unique record for each RW client

Ryan White HIV Care Continuum Definitions

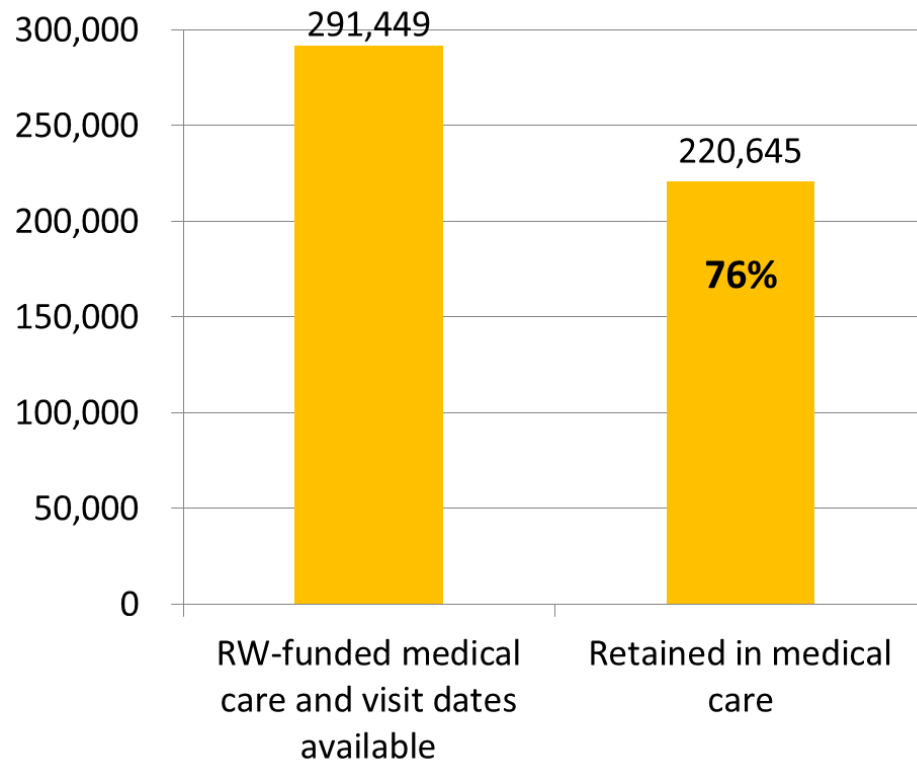
	Numerator	Denominator (for proportion)
RW client	Client received at least 1 RW-funded service in calendar year [Includes HIV+, HIV-negative, and HIV-indeterminate]	Not applicable
Received RW-funded medical care or case management and HIV+	Client received RW-funded medical care or case management services and was documented to be HIV+	RW client
RW-funded medical care	Received RW-funded medical care	RW client
Retained in care	Attended at least 2 RW-funded medical care visits that were at least 90 days apart	RW-funded medical care and had visit date available
ART	Received ART prescription at any time in the year	RW-funded medical care and had ART data and visit date available
Viral load suppressed	HIV-1 viral load <200 copies/ml for the most recent value reported	RW-funded medical care and had viral load available

Ryan White-funded Medical Care

Ryan White Services Report 2010 (preliminary)

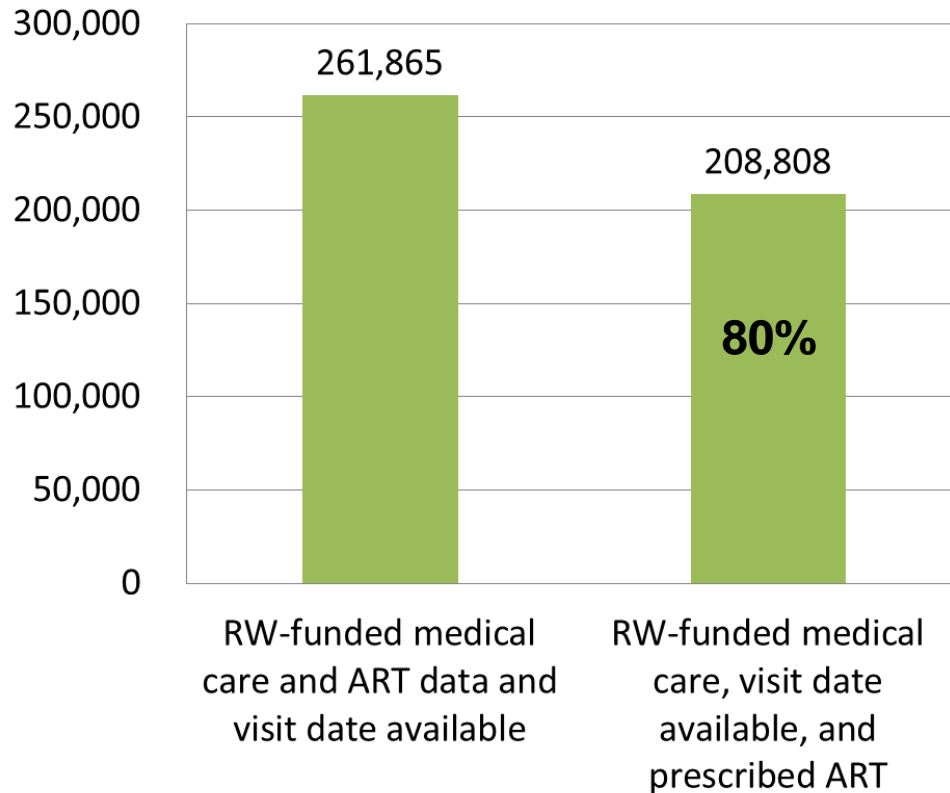


Retention in Medical Care Ryan White Services Report 2010 (preliminary)



Retained in medical care:
At least 2 medical visits that were
at least 90 days apart

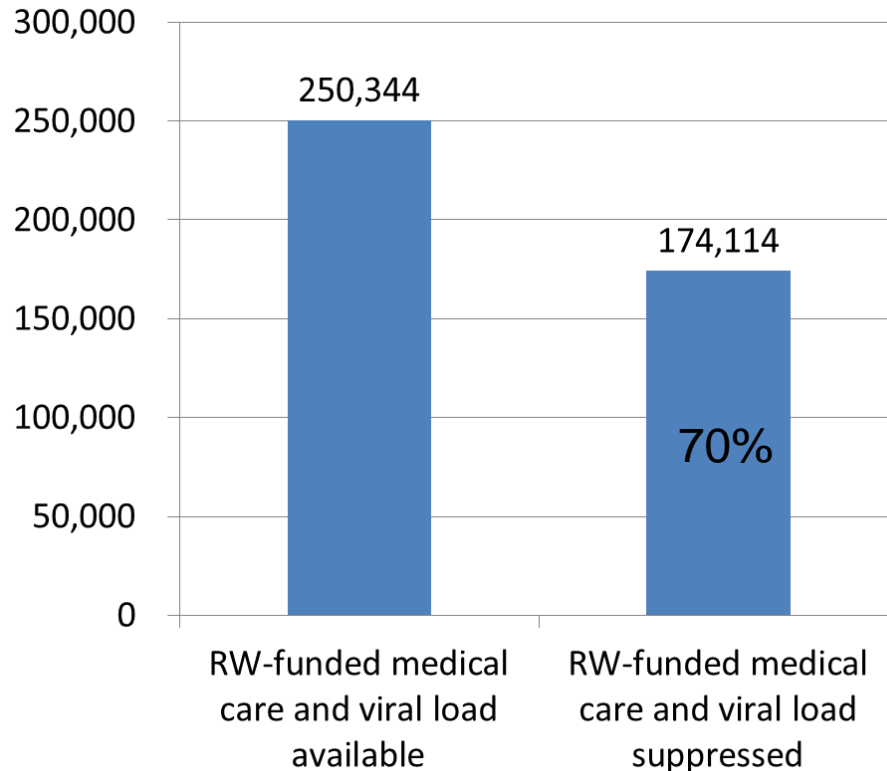
Antiretroviral Therapy Ryan White Services Report 2010 (preliminary)



Prescribed ART:
Received a prescription for
ART at any time in the year

Viral Load Suppression

Ryan White Services Report 2010 (preliminary)



Viral load suppressed:
HIV-1 RNA <200
copies/ml at the most
recent check



Viral load suppression, Retained vs. not retained

Retention status	Viral load suppressed (<200 copies/ml at most recent test)
Retained in medical care	75%
Not retained in medical care*	50%

*Received at least 1 RW-funded medical visit but not retained in medical care

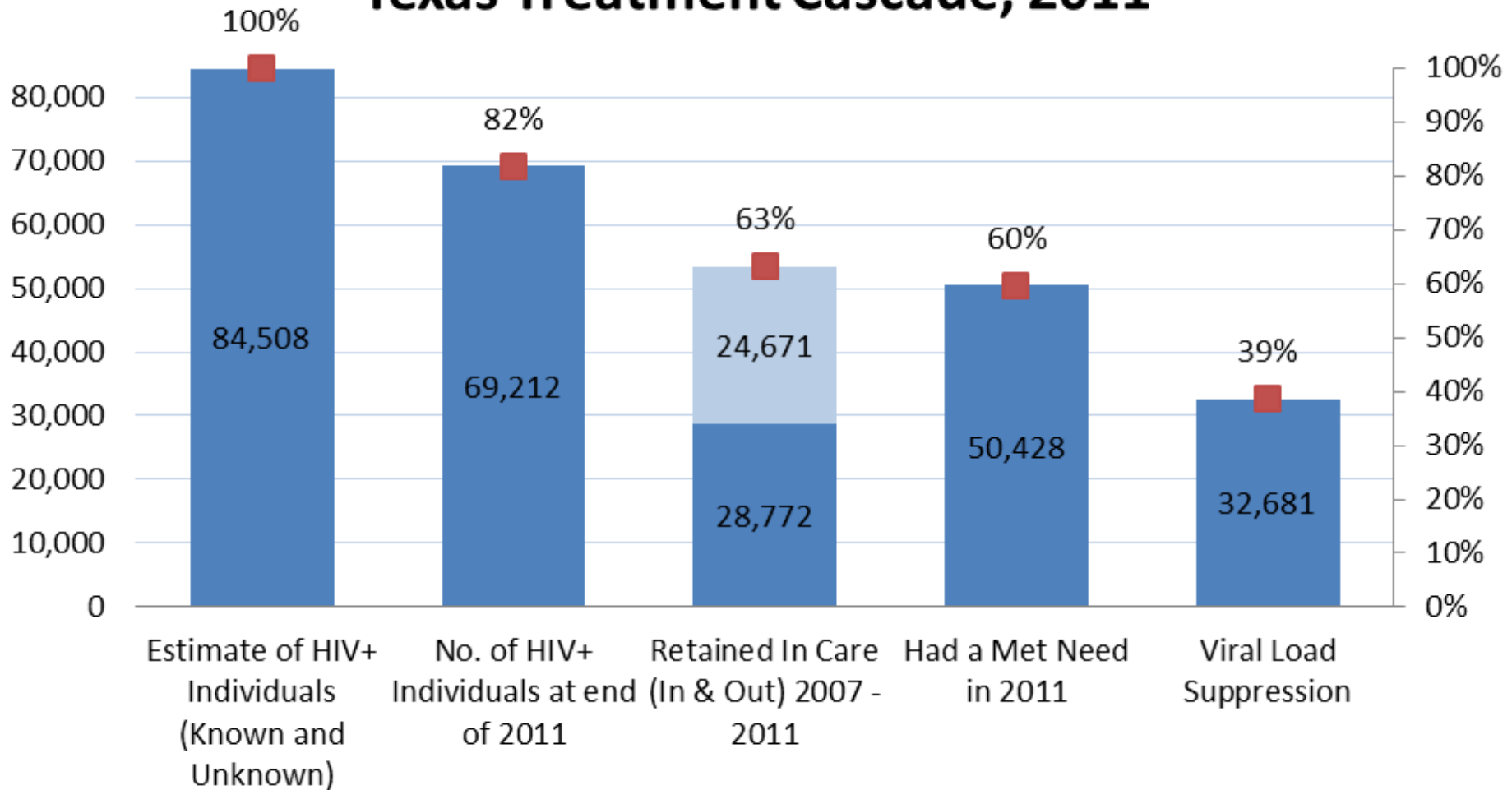
Doshi RK et al. CROI 2013, abstract 1031a.



Ryan White Continuum of HIV Care

- The Ryan White HIV/AIDS Program serves over half a million individuals living with or affected by HIV.
- Of the HIV+ Ryan White clients who received RW-funded medical care:
 - 76% were retained in care
 - 80% were prescribed antiretroviral therapy
 - 70% had viral load suppressed

Texas Treatment Cascade, 2011





Continuum of Care

- Provides a framework to engage and retain PLWHA in care and to maximize beneficial outcomes
- The Ryan White Services Report Data provides key data to assess health care delivery services
- Improvements in the delivery of services will help to achieve the goals of the National HIV/AIDS Strategy and improve individual and public health



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