

# FTCI and 90-90-90: Denver Experience

## Measuring the HIV Care Continua – Re-Examining the Basics of Monitoring the AIDS Response

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# Overview

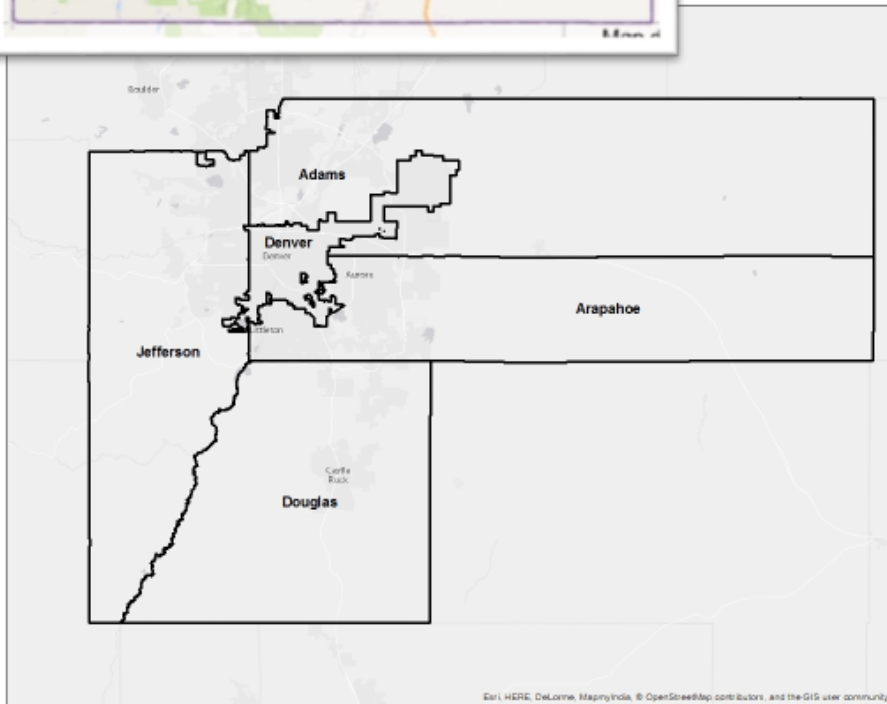


- 90-90-90 and the Care Continuum in Denver
- Challenges and issues around measuring and using 90-90-90
- Opportunities/Future directions

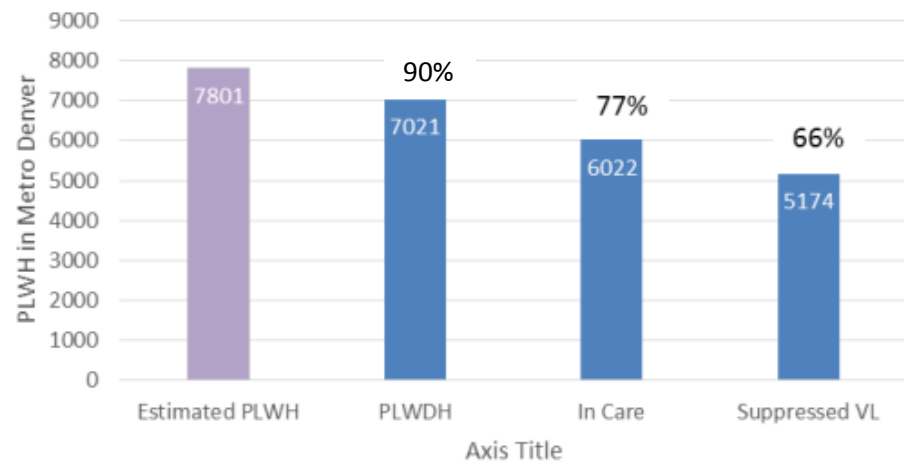
# HIV in Metro Denver



- 75% of PLWH in Colorado reside in 5 county metro area
- 7761 individuals living with HIV (includes undiagnosed)
- 307 new HIV diagnoses in metro area in 2016
  - 88% male; 43% white; 36% Hispanic; 16% black;
  - 73% MSM, 9% MSM-IDU, 5% IDU, 4% hetero
- 20% late diagnoses in 2016



2016 Denver Metro Care Continuum



# 90-90-90 Targets



## 2016 Progress, Metro Denver

90%

Diagnosed

- Percent of Individuals Living with HIV Who Know their Status

90%

Diagnosed

- Percent of Individuals Living with HIV Who Have Been Diagnosed and Are Aware of their Status

90%

On ART

- Percent of HIV-diagnosed Individuals Who are on ART

86%

In Care

- Percent of HIV-diagnosed Individuals Who are Engaged in Care

90%

Suppressed

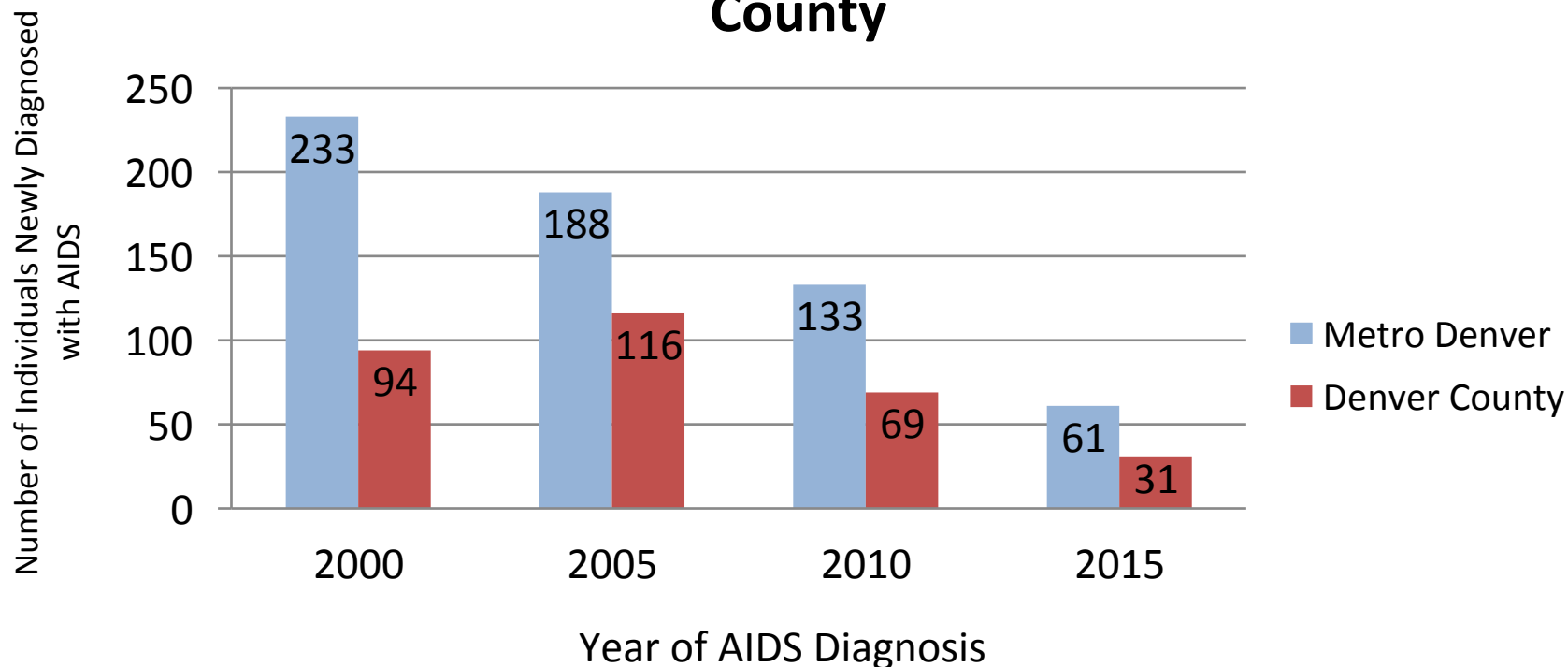
- Percent of Individuals Who Are on ART and Have Suppressed Viral Loads

86%

Suppressed

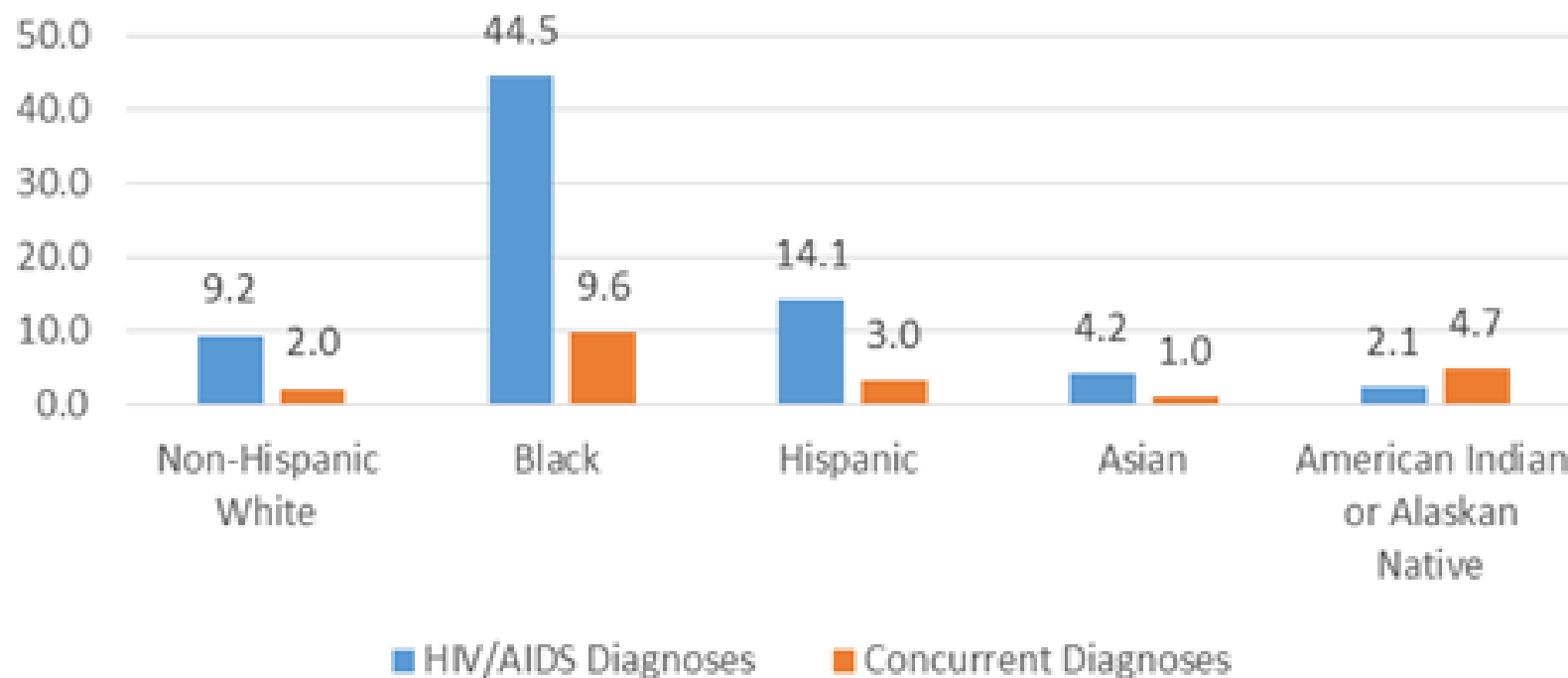
- Percent of Individuals Who Are Engaged in Care and Have Suppressed Viral Loads

## New AIDS Cases, Metro Denver and Denver County



# Care continuum by subgroups

HIV/AIDS Diagnoses by Race/Ethnicity  
Rate per 100,000



# Factors affecting estimate of PLWDH



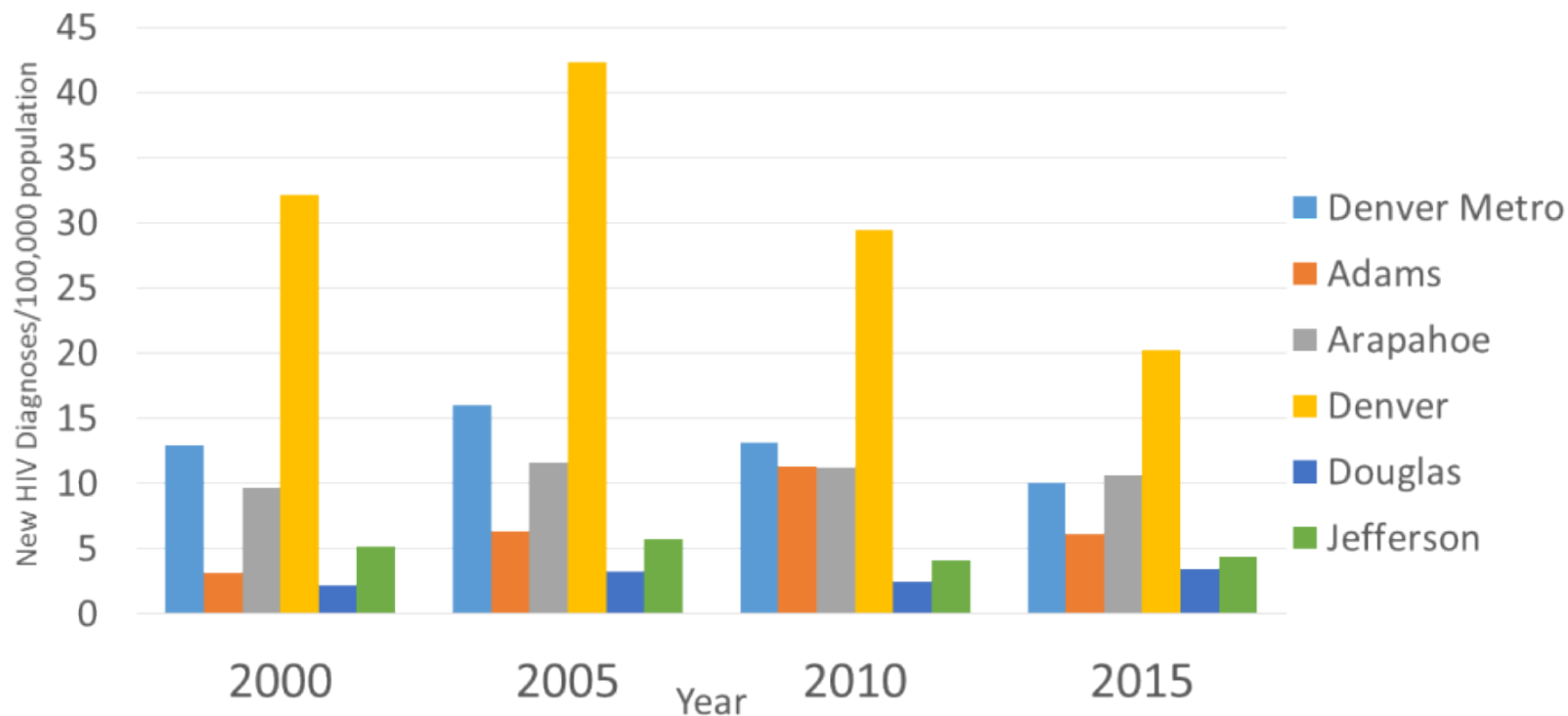
- Prevalence
  - Censoring for outmigration – updated eHARS
  - In-migration for marijuana?
  - Rapid population growth for many reasons
- Incidence
  - Absolute # vs rates
  - Approximately 40 more individuals diagnosed in 2016 than 2015
  - Late diagnoses decreased
  - More people testing for HIV bc of PrEP?

# Population Growth



Population growth in Denver: 2% per year for the past 10 years

## HIV Rates Metro Denver 2000-2015





# Defining the care continuum



- Include recently diagnosed?
  - Over-estimates engagement/retention
  - Viral suppression rates will be lower
- Include PLWUH?
- Confusion with 90-90-90 vs care continuum

# Lack of data



- Derivation of undiagnosed estimate
- Linkage data not reliable with labs only
- ART data not widely available

# Public facing data



- Is it accurate?
- At least close?
- Is it understandable?

Ending HIV in Denver | Denver Health

www.denverhealth.org/public-health-and-wellness/public-health/clinics-and-services/hiv-care-and-prevention/resources-and-education/ending-hiv-in-c

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**It's no longer a dream.**  
**Together we will change the future of HIV/AIDS.**

**By 2020:**  
90% know their HIV status  
90% receive treatment  
90% with viral load suppression

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**We Will Change the Future of HIV/AIDS**

It's no longer a dream. We will change the future of HIV/AIDS. There is not a cure or vaccine yet, but remarkable advances have transformed HIV from being a deadly infection to a manageable, chronic disease. The future of HIV/AIDS is in our hands.

**Denver's Commitment to End AIDS by 2030**

In August 2015, Denver signed the Paris Declaration, joining the International Association of Providers of AIDS Care's Fast Track Cities Initiative to end the AIDS epidemic by 2030.

In doing so, it set aggressive goals for the City and

**Denver Signs Paris Declaration to End AIDS Epidemic**

**FAST-TRACK CITIES: ENDING THE AIDS EPIDEMIC**

90% 2020/2022  
90%  
90%

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# Opportunities/Future Directions



- Draft report / FTC task force input
- What to report and how to report it

The HIV  
Epidemic

## Ending AIDS in Metro Denver

Quarterly HIV monitoring report for Adams, Arapahoe, Denver, Douglas and Jefferson Counties

**Background** In August 2015, Denver signed on to the Fast Track Cities Initiative to end the AIDS epidemic by 2030. Given the flow of people and resources throughout the five counties that comprise

# Opportunities/Future Directions



- Data-driven questions
- Data-driven action plans
  - Who and where are we testing? Are we in line with new HIV diagnoses? With late testers?
  - Who is not linking quickly?
  - Who is out of care or not virally suppressed?
    - Care continua by subgroups
  - Who is on PrEP?
  - Where are HIV prevention services offered? Is it enough?

# Strategic Plan to End the HIV Epidemic in Metro Denver



**5**

**Counties**

**2**

**Goals: Care and Prevention**

**8**

**Indicators**

**0**

**Stigma**

# Zero Stigma



## Measuring stigma

- Disparities
- Improved care continua
- Utilize NHBS

