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
90-90-90 Targets

- 90% Diagnosed
  - Percent of Individuals Living with HIV Who Know their Status

- 90% On ART
  - Percent of HIV-diagnosed Individuals Who are on ART

- 90% Suppressed
  - Percent of Individuals Who Are on ART and Have Suppressed Viral Loads

2016 Progress, Metro Denver

- 90% Diagnosed
  - Percent of Individuals Living with HIV Who Have Been Diagnosed and Are Aware of their Status

- 86% In Care
  - Percent of HIV-diagnosed Individuals Who are Engaged in Care

- 86% Suppressed
  - Percent of Individuals Who Are Engaged in Care and Have Suppressed Viral Loads
New AIDS Cases, Metro Denver and Denver County

<table>
<thead>
<tr>
<th>Year of AIDS Diagnosis</th>
<th>Number of Individuals Newly Diagnosed with AIDS</th>
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</thead>
<tbody>
<tr>
<td>2000</td>
<td>Metro Denver: 233, Denver County: 94</td>
</tr>
<tr>
<td>2005</td>
<td>Metro Denver: 188, Denver County: 116</td>
</tr>
<tr>
<td>2010</td>
<td>Metro Denver: 133, Denver County: 69</td>
</tr>
<tr>
<td>2015</td>
<td>Metro Denver: 61, Denver County: 31</td>
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</tbody>
</table>
HIV/AIDS Diagnoses by Race/Ethnicity
Rate per 100,000

- Non-Hispanic White: 9.2 HIV/AIDS, 2.0 Concurrent
- Black: 44.5 HIV/AIDS, 9.6 Concurrent
- Hispanic: 14.1 HIV/AIDS, 3.0 Concurrent
- Asian: 4.2 HIV/AIDS, 1.0 Concurrent
- American Indian or Alaskan Native: 2.1 HIV/AIDS, 4.7 Concurrent

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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 in Denver: 2% per year for the past 10 years
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?
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
  – Where are HIV prevention services offered? Is it enough?
<table>
<thead>
<tr>
<th>Counties</th>
<th>5</th>
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<tbody>
<tr>
<td>Goals: Care and Prevention</td>
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<tr>
<td>Indicators</td>
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<tr>
<td>Stigma</td>
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Zero Stigma

Measuring stigma
– Disparities
– Improved care continua
– Utilize NHBS

Together, we are changing the future. Juntos, estamos cambiando el futuro.

Denver / Colorado Springs HIV Resource Guide
Denver / Colorado Springs Guía de Recursos para el VIH