Getting to Zero: An Update

Protecting and Promoting Health and Equity

Susan Buchbinder, MD: Bridge HIV
Tracey Packer, MPH: Community Health Equity and Promotion
Health Commission presentation
May 2, 2017
Presentation

• Overview of Getting to Zero Consortium

• Data on SF epidemic

• Getting to Zero initiatives and progress to date
San Francisco’s Getting to Zero Initiative

- Zero new HIV infections
- Zero HIV deaths
- Zero stigma and discrimination
GTZ is a multi-sector consortium that operates under principles of collective impact:

“Commitment of groups from different sectors to a common agenda to solve a specific problem.”

- **Common Agenda**
  - Keeps all parties moving towards the same goal

- **Common Progress Measures**
  - Measures that get to the TRUE outcome

- **Mutually Reinforcing Activities**
  - Each expertise is leveraged as part of the overall

- **Communications**
  - This allows a culture of collaboration

- **Backbone Organization**
  - Takes on the role of managing collaboration
Involvement in GTZ: Sponsors and over 200 members
New HIV diagnoses and deaths declining in San Francisco

In the United States, new HIV diagnoses have declined 18% over the past 6 years.

In contrast, in SF, new diagnoses decreased 44% just in the past 3 years!
Disparities Remain in New HIV Infections in SF

New diagnoses highest in
• AA men (140/100,000)
• Latino men (83/100,000)
• White men (52/100,000)

Rates declining significantly in AA, Latino and White men

New diagnoses highest in
• AA women (31/100,000)

This rate is nearly as high as in White men
ARV Treatment: Who are We Missing?

Overall ART use 68%

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women</td>
<td>63%</td>
</tr>
<tr>
<td>Transwomen</td>
<td>47%</td>
</tr>
<tr>
<td>African American</td>
<td>58%</td>
</tr>
<tr>
<td>PWID</td>
<td>59%</td>
</tr>
<tr>
<td>MSM PWID</td>
<td>56%</td>
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<tr>
<td>13-29 years</td>
<td>63%</td>
</tr>
<tr>
<td>Homeless</td>
<td>58%</td>
</tr>
<tr>
<td>Uninsured</td>
<td>63%</td>
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P values <0.05
<table>
<thead>
<tr>
<th>Indicator</th>
<th>2009 to 2014</th>
<th>P-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linked to care within 3 months of diagnosis</td>
<td>86% to 92%</td>
<td>0.02</td>
</tr>
<tr>
<td>Retained in care within 6-12 months of linkage</td>
<td>70% to 73%</td>
<td>0.31</td>
</tr>
<tr>
<td>Initiated ARV treatment within 12 months of diagnosis</td>
<td>63% to 91%</td>
<td>&lt;0.0001</td>
</tr>
<tr>
<td>Virally suppressed within 12 months of diagnosis</td>
<td>49% to 82%</td>
<td>&lt;0.0001</td>
</tr>
<tr>
<td>Developed AIDS within 3 months of diagnosis</td>
<td>27% to 16%</td>
<td>0.0006</td>
</tr>
<tr>
<td>Died within 12 months of diagnosis</td>
<td>3% to 1%</td>
<td>0.06</td>
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Strategic priorities for San Francisco Getting to Zero Consortium

- City-wide coordinated PrEP program
- Rapid ART start with treatment hubs
- Linkage-engagement-retention in care
- Reducing HIV stigma

**Vision**
Become the first municipal jurisdiction in the United States to achieve the UNAIDS vision of “Getting to Zero”
GTZ Accomplishments: PrEP

- Four new GTZ PrEP programs funded
  - African-American MSM
  - Latino MSM
  - Trans Women
  - Young MSM
- Pharmacy Delivered PrEP in the Mission
- PrEP emergency fund for youth
- Data to PrEP pilot launched
Improving, but disparities remain

African American
Latino
White
Asian

% eligible on PrEP

Year
2014
2016

2014 data from NHBS; 2016 data extrapolated from STOP AIDS data 2015
Snowden STI 2016 NHBS; Jen Hecht (personal communication)
GTZ Accomplishments: RAPID Access to ART

- Two detailers (NP, RN) hired through GTZ funds
  - For HCOs/large clinics: Group meetings with leadership, staff + individual detailing
  - For office practices: Individual detailing
- To date, 27 clinics/offices/health groups trained in Rapid Protocol requested by:
  - US
  - CDC
  - HRSA
  - Locales: Alameda, Contra Costa, San Mateo, FL, NY, PA, GA, MD
  - Other countries
  - Canada
  - Australia
  - Thailand
  - The Netherlands
Time from Diagnosis to Outcomes
2013 to 2015

<table>
<thead>
<tr>
<th>Event</th>
<th>2013 Mean</th>
<th>2014 Mean</th>
<th>2015 Mean</th>
</tr>
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<tbody>
<tr>
<td>Diagnosis to care</td>
<td>45</td>
<td>28</td>
<td>20</td>
</tr>
<tr>
<td>Care to ART initiation</td>
<td>70</td>
<td>43</td>
<td>15</td>
</tr>
<tr>
<td>Diagnosis to viral suppression</td>
<td>211</td>
<td>129</td>
<td>87</td>
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GTZ Accomplishments: Re-engagement and Retention

- **Medication Access & Security Project** – To address viral suppression disparity among homeless/marginally housed by increasing secure access to ART and other treatment.

- **Cell Phone Project** – Cellphones w/ voice and SMS for people who are homeless and marginally-housed currently in navigation and cell phone charging stations.

- **Communications** – Frontline Organizing Group (FOG) developed standardized retention and re-engagement messaging for clients and providers, stigma & barriers reduction.

- **Intensive Case Management Program** linked to food security and employment services with special emphasis on people with HIV on aging.
**Improvement in viral suppression**
Navigators (funded by MAC AIDS) in three DPH clinics that serve priority populations

91% of ~3100 patients served by SFHN

<table>
<thead>
<tr>
<th></th>
<th>Ward 86 (N=2209)</th>
<th>Tom Waddell (N=485)</th>
<th>Castro Mission (N=224)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>42%</td>
<td>39%</td>
<td>44%</td>
</tr>
<tr>
<td>Black</td>
<td>23%</td>
<td>31%</td>
<td>12%</td>
</tr>
<tr>
<td>Latino</td>
<td>23%</td>
<td>15%</td>
<td>28%</td>
</tr>
<tr>
<td><strong>VLS (Feb 2017)</strong></td>
<td><strong>79%</strong></td>
<td><strong>89%</strong></td>
<td><strong>96%</strong></td>
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10% of all PLWH in SF