Ending the HIV Epidemic (EHE)
Regional Learning Collaborative
Alameda, Los Angeles, Orange, Riverside, Sacramento, San Bernardino, San Diego, and San Francisco Counties

Session 1:
Building Our Coalition to End the HIV Epidemic in California
Wednesday, Sept. 30, 2020, 10-11:30 a.m. PST
Background

• CHIPTS EHE supplement to engage a regional effort for coordinated EHE response in California by:
  - Bringing together stakeholders from the eight California EHE Phase 1 counties
  - Assessing key needs, collaborative opportunities, and existing resources
  - Compiling findings and recommendations to help facilitate a regional EHE response
Learning Collaborative Goals

1. Facilitate knowledge sharing and spark collaborative opportunities across CA’s EHE Phase 1 counties

2. Build readiness for coordinated action on EHE regional response priorities
Kick-Off Session: Building Our Coalition to End the HIV Epidemic in California

Introduction to EHE
• Commander Michelle Sandoval-Rosario, Region 9 Prevention through Active Community Engagement (PACE) Director, Office of the Assistant Secretary for Health

EHE in California
• Kevin Sitter, Ending the Epidemics Program Manager, California Department of Public Health Office of AIDS

County EHE Efforts Panel
• Steve Gibson, Director, Office of HIV Prevention, Alameda County
• Matilde Gonzalez-Flores, Program Manager, HIV Planning and Coordination, Orange County
• Lea Morgan, HIV/STD Branch Chief, Riverside County
• Michelle Gossett, AIDS Director and Senior Health Program Coordinator, Sacramento County
• Cynthia Turk, Health Education Specialist II, HIV Prevention Program, San Bernardino County
• Lauren Brookshire, Assistant Medical Services Administrator, HIV, STD and Hepatitis Branch, San Diego County
• Hanna Hjord, HIV/HCV/STI Behavioral Health Coordinator, San Francisco, and Bill Blum, Director of Programs and Primary Care Director, HIV Health Services, San Francisco
• Julie Tolentino, Ending the HIV Epidemic Program Manager, Division of HIV and STD Programs, Los Angeles County

Q&A
Ending The HIV Epidemic:
A Plan For America

Ending the HIV Epidemic (EHE) Regional Collaborative

Session 1: Building Our Coalition to End the HIV Epidemic in California

CDR Michelle Sandoval-Rosario, DrPH, MPH
Region 9 Prevention through Active Community Engagement (PACE) Director
Office of the Assistant Secretary for Health
Office of Infectious Disease and HIV/AIDS Policy
HIV in the United States

1.2 million people with HIV
Nearly 14% (1 in 7) have not been diagnosed (or more than 165,000 people).

~36,400 new infections occur annually
Number is steady in recent years, despite the availability of many highly effective prevention tools, including PrEP.

Only 18.1% of those with an indication for PrEP are using it

Only 56% of people with HIV are virally suppressed despite the availability of highly effective care and treatment that can suppress the viral load to protect the health of people with HIV as well as prevent transmission.

Without intervention another 400,000 Americans will be newly diagnosed over 10 years despite the available tools to prevent infection.
The Time Is Now: Right Data, Rights Tools, Right Leadership

- Epidemiology
  - Most new HIV infections are clustered in a limited number of counties and specific demographics

- Antiretroviral Therapy
  - Highly effective, saves lives, prevents sexual transmission; increasingly simple and safe

- Pre-exposure Prophylaxis (PrEP)
  - FDA-approved and highly effective drugs to prevent HIV infections

- Proven Models of Care and Prevention
  - >25 years of experience engaging and retaining patients in effective care

There is a real risk of HIV increasing again in the U.S. due to several factors including injection drug use and missed opportunities for diagnosis among healthcare providers.
GOAL:

75% reduction in new HIV infections in 5 years
and at least 90% reduction in 10 years.

FOCUSED EFFORT

- 48 counties, DC, and San Juan account for 50% of new infections.
- 7 states with the most substantial HIV diagnoses in rural areas.
EHE’s Key Strategies

**GOAL**

75% reduction in new HIV infections in 5 years and at least 90% reduction in 10 years.

**Diagnose** all people with HIV as early as possible.

**Treat** people with HIV rapidly and effectively to reach sustained viral suppression.

**Prevent** new HIV transmissions by using proven interventions, including pre-exposure prophylaxis (PrEP) and syringe services programs (SSPs).

**Respond** quickly to potential HIV outbreaks to get needed prevention and treatment services to people who need them.

The U.S. Department of Health and Human Services will work with each community to establish local teams to tailor and implement strategies to:
Federal EHE implementing agencies will maintain a balanced approach—continuing critical HIV operations while responding to the emerging needs resulting from COVID-19.
EHE Pillar 1: Diagnose
Diagnosing and Linking People with HIV to Effective Care & Treatment Is Critical for Stopping New HIV Transmissions

<table>
<thead>
<tr>
<th>% OF PEOPLE WITH HIV</th>
<th>STATUS OF CARE</th>
<th>ACCOUNTED FOR X% OF NEW TRANSMISSIONS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>15%</td>
<td>didn’t know they had HIV</td>
<td>38%</td>
</tr>
<tr>
<td>23%</td>
<td>knew they had HIV but weren’t in care</td>
<td>43%</td>
</tr>
<tr>
<td>11%</td>
<td>in care but not virally suppressed</td>
<td>20%</td>
</tr>
<tr>
<td>51%</td>
<td>taking HIV medicine and virally suppressed</td>
<td>0%</td>
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</table>

*Values do not equal 100% because of rounding

HIV Treatment Prevents New Infections

Robert Eisinger, Carl Dieffenbach, Anthony Fauci

JAMA
January 10, 2019

HIV Viral Load and Transmissibility of HIV Infection
Undetectable Equals Untransmittable

Robert Eisinger, Carl Dieffenbach, Anthony Fauci

The U=U concept bridges the best of biomedical science with current concepts in behavioral and social science by removing the sense of fear and guilt that a person may be harming someone else, as well as the feeling of self-imposed and external stigma that many people with HIV experience.

— RW Eisinger, CW Dieffenbach and AS Fauci

Credit: NIAID
HIV Testing Is the Gateway to Prevention or Treatment Services

**Prevent**
New HIV transmissions by using proven interventions, including pre-exposure prophylaxis (PrEP) and syringe services programs

**Treat**
People with HIV rapidly and effectively to reach sustained viral suppression
Many Effective HIV Prevention Tools, Including PrEP, PEP, Syringe Services Program, behavioral change

WHAT IS PrEP?

PrEP is an HIV prevention method in which people who don't have HIV take HIV medicine daily to reduce their risk of getting HIV if they are exposed to the virus.
EHE Strategies and Core Indicators

- Diagnose
  - Diagnoses
  - Knowledge of HIV status
- Treat
  - Linkage to HIV medical Care
  - Viral Suppression
- Prevent
  - PrEP coverage
- Respond

Ending the HIV Epidemic
AHEAD: America’s HIV Epidemic Analysis Dashboard

Overview:

AHEAD is a data visualization tool to support jurisdictional efforts towards reaching the goals of the *Ending the Epidemic: A Plan for America* initiative.

AHEAD will display baseline data, targets, and progress for the six indicators.

Using the baseline data and the indicators, AHEAD will enable all of us to monitor progress towards meeting EHE goals.
The Six EHE Indicators

Jurisdictions can track their progress toward the six EHE indicators:

Overarching Goal:
- Incidence

Midterm Goal:
- Knowledge of Status

Leading Indicators:
- Diagnoses
- Linkage to HIV Medical Care
- Viral Suppression
- PrEP Coverage
OVERARCHING GOAL

The EHE initiative aims to reduce new HIV infections in the United States by 75% in five years and by 90% in 10 years.

INTERMEDIATE GOAL

This indicator will be used to show the historical movement towards achieving the overall goals of the EHE initiative.

Incidence

Incidence is the estimated number of new HIV infections in a given year.

Knowledge of Status

Knowledge of status is the estimated percentage of people with HIV who have received an HIV diagnosis.

Incidence (2017-2030)

Knowledge of Status (2017-2030)
Sacramento, CA – Leading Indicators

**Diagnoses**

Diagnoses refer to the number of people diagnosed with HIV infection in a given year, regardless of when infection occurred.

<table>
<thead>
<tr>
<th>Year</th>
<th>Diagnoses</th>
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<tbody>
<tr>
<td>2017</td>
<td>170</td>
</tr>
<tr>
<td>2018</td>
<td>156</td>
</tr>
<tr>
<td>2019</td>
<td>89</td>
</tr>
<tr>
<td>2025</td>
<td>??</td>
</tr>
<tr>
<td>2030</td>
<td>??</td>
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**Linkage to HIV Medical Care**

Linkage to HIV medical care is the percentage of people diagnosed with HIV in a given year who have received medical care for their HIV infection within one month of diagnosis.

<table>
<thead>
<tr>
<th>Year</th>
<th>Linkage</th>
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<tbody>
<tr>
<td>2017</td>
<td>83.5%</td>
</tr>
<tr>
<td>2018</td>
<td>85.3%</td>
</tr>
<tr>
<td>2019</td>
<td>88.2%</td>
</tr>
<tr>
<td>2025</td>
<td>95.0%</td>
</tr>
<tr>
<td>2030</td>
<td>95.0%</td>
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Orange County, CA – Leading Indicators

**Viral Suppression**

Viral suppression is the percentage of people living with diagnosed HIV infection who have an amount of HIV that is less than 200 copies per milliliter of blood, in a given year.

- 2017: 62.4%
- 2018: 60.6%
- Target 2025: 95.0%
- Target 2030: 95.0%

**PrEP Coverage**

PrEP coverage is the estimated percentage of individuals prescribed PrEP among those who need it.

- 2017: 10.2%
- 2018: 15.1%
- Target 2025: 50.0%
- Target 2030: 50.0%
What Can I do to Support Ending the HIV Epidemic

- Know your status – get tested
- Support testing Efforts in your community in collaboration with different sectors (fraternities, sororities, churches, business associations)
- Provide feedback to your local jurisdiction EHE plan
- Promote HIV prevention efforts
- Encourage those who are positive, to get into care, achieve viral suppression and help them stay virally suppressed
Whole-of-Society Initiative
SAVE THE DATE: Ending the HIV Epidemic Spanish Townhall

- **Date/Time:** Tuesday, October 13, 2020, 11:00 AM – 12:30 PM

- **Objectives:**
  - Bring attention to the national Ending the HIV Epidemic initiative among the Latinx monolingual Spanish speaking community.
  - Learn about best practices, activities, and efforts to support ending the HIV epidemic.
  - Collaborate with the Latinx community to identify opportunities to end HIV.

- **PACE, CDC, HRSA and panel discussion with CBOs San Diego county**