

August 4, 2020

*Ending the HIV Epidemic:
A Plan for America*

AHEAD: America's HIV Epidemic Analysis Dashboard



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Welcome



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America's HIV Epidemic Analysis Dashboard



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We Welcome Your Questions



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*We will have a Q&A session at the
end of the presentation.*

*Feel free to enter your questions in the Q&A box
throughout or after the presentation.*

Agenda



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This webinar will cover the following topics:

- I. Objectives
- II. Presentations
 - I. AHEAD and its role in EHE
 - II. Data overview
 - III. Dashboard walkthrough
 - IV. Stakeholder engagement, and the feedback process
- III. Discussion/Questions
- IV. Closing



Objectives



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The discussion will be an opportunity to:



See how data supports EHE and our collective efforts to end the HIV epidemic in America.



Do a deep dive into the data on the dashboard to inform how AHEAD tracks progress towards the goals of the Ending the HIV Epidemic (EHE) initiative.



Walk through the dashboard to gain familiarity with AHEAD and the way in which the data is presented.



Collect feedback on the dashboard through a Q&A session.



EHE and AHEAD



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EHE and AHEAD



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EHE and AHEAD



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Deputy Associate Administrator, Health Resources & Services Administration

Ending the HIV Epidemic: A Plan for America (EHE)



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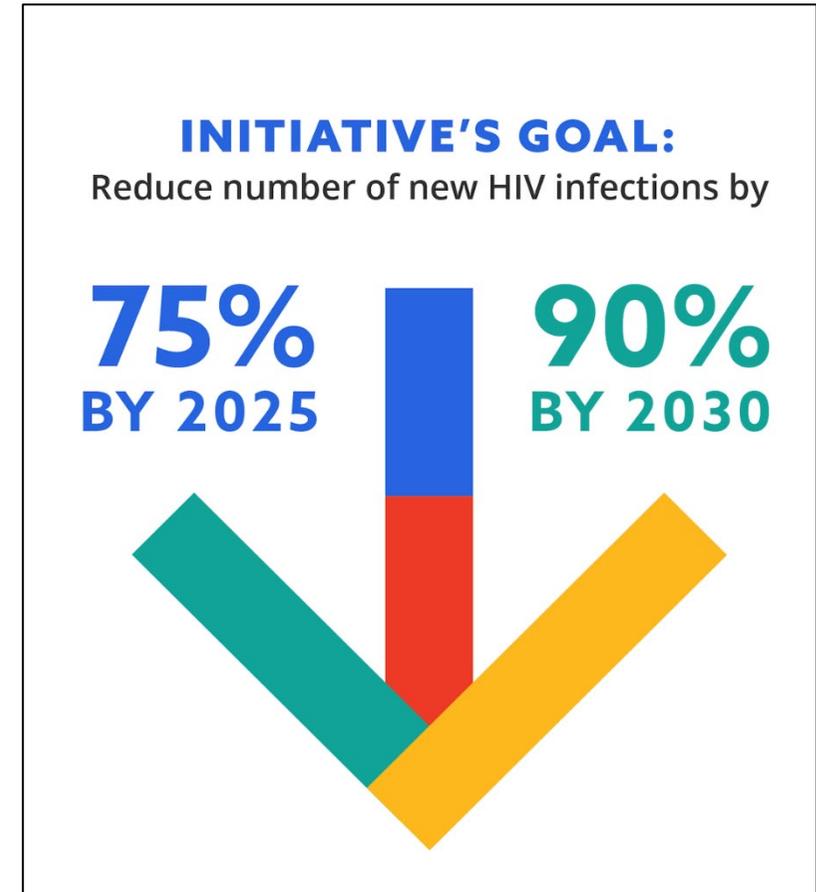
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In the 2019 State of the Union address, President Donald Trump announced his Administration's goal to end the HIV epidemic in America **by 2030**.

The initiative empowers **local communities** to work together and with the federal government to end the HIV epidemic in America.

The first phase of the initiative will focus on:

- **48 counties, Washington, DC, San Juan, Puerto Rico** where more than **50 percent of HIV diagnoses** occurred in 2016 and 2017, and an additional **seven states** with a **substantial number of HIV diagnoses in rural areas**, bringing the total number of Phase I jurisdiction to 57.



Summary of EHE Initiative Progress



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Major Achievements:

- Established Prevention Through Active Community Engagement (PACE) Program in Regions 4, 6 & 9.
- Developed and implemented distribution of donated pre-exposure prophylaxis (PrEP) medications to uninsured, at-risk individuals through the Ready, Set, PrEP program.
- Implemented jump-start programs in three Phase I jurisdictions and the Cherokee Nation.
- Phase I jurisdictions developed draft community plans for *Ending the HIV Epidemic*.
- HRSA, HHS, and CDC awarded funds to enhance and expand HIV diagnosis, PrEP initiation, HIV prevention, linkage to treatment, engagement in care, and viral suppression.
- Developed America's HIV Epidemic Analysis Dashboard (AHEAD) for the *Ending the HIV Epidemic* initiative.
- Creating ongoing EHE collaborations with other federal colleagues – HOPWA, OWH, OMH, OPA, VA.
- Exploring future collaborations and policy discussions – CMS, DOJ, DOL, and Treasury.
- Developing EHE initiative engagement strategies for other sectors of society.

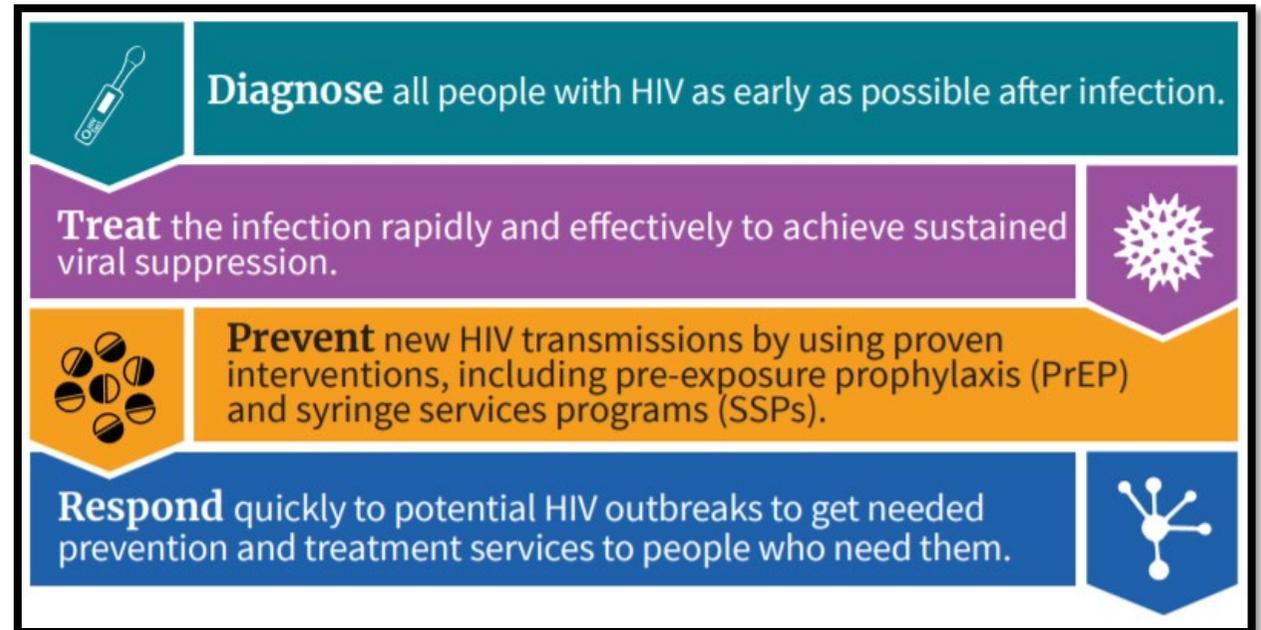
EHE is a Data-Driven Effort



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- AHEAD data promotes efforts to understand the communities living with HIV and those at risk.
- By focusing efforts on data transparency and progress, AHEAD empowers local stakeholders to both track movement towards the goals of the EHE and focus additional expertise, technology, and resources required to tailor and implement strategies needed to end the HIV epidemic in their communities.



Using Targets to Measure Progress



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- Every EHE jurisdiction has a set of targets for each of the 6 indicators for 2025 and 2030.
- These targets help jurisdictions end the epidemic at the community level and help all of us reach our national targets.
- AHEAD tracks and displays jurisdictional and national progress towards those targets.
- Jurisdictions can view their own progress, as well as the progress of jurisdictions with similar demographics in order to adjust plans and direct funding.



Data Overview



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Senior Advisor, Strategic Indicators, DHAP, CDC

Indicators for Ending the HIV Epidemic Initiative

Norma Harris, PhD, Senior Advisor for Strategic Indicators

Division of HIV/AIDS Prevention

National Center for HIV, Viral Hepatitis, STD, and TB Prevention

Centers for Disease Control and Prevention



HHS EHE Jurisdiction webinar - 8/4/2020

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HHS EHE Indicator Work Group

- CDC
 - Norma Harris
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 - John Brooks
- HRSA
 - Heather Hauck
 - Antigone Dempsey
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 - Marcella Ronyak
 - Angela Sallum
- OHAIDP
 - Nate Fecik
 - Tim Harrison
 - Carol Jimenez
 - Kaye Hayes

Additional Acknowledgements

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- **Aileen Huang**
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- **Wendy Riser**
- **Dayle Kern**
- **Brittany Petish**

Overview

- Indicators
- Targets and Data
- CDC data availability / Reports



Ending the HIV Epidemic

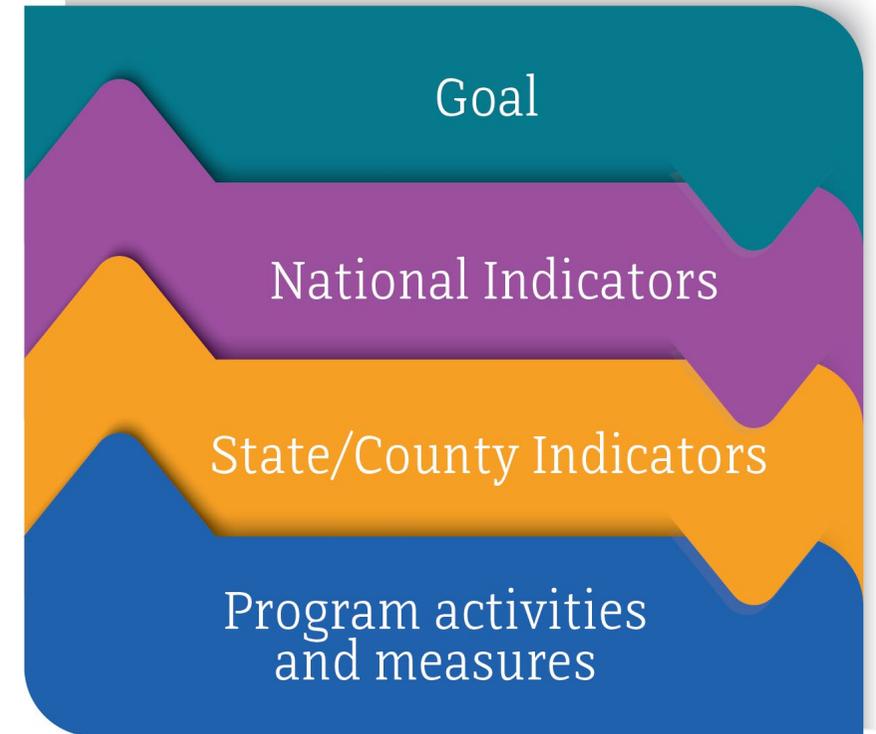
- HIV data are the backbone of the EHE initiative
- Investing in proven prevention tools and tracking community-led progress is key
- Ending HIV starts at the local level
- CDC and federal partners are committed to working with partners and affected communities



Indicators

Importance of Indicators

- Agree on priorities
- Focus on what matters most
 - Define goals, indicators, and targets
- Monitor and report on progress
- Increase accountability
- Improve programs and results



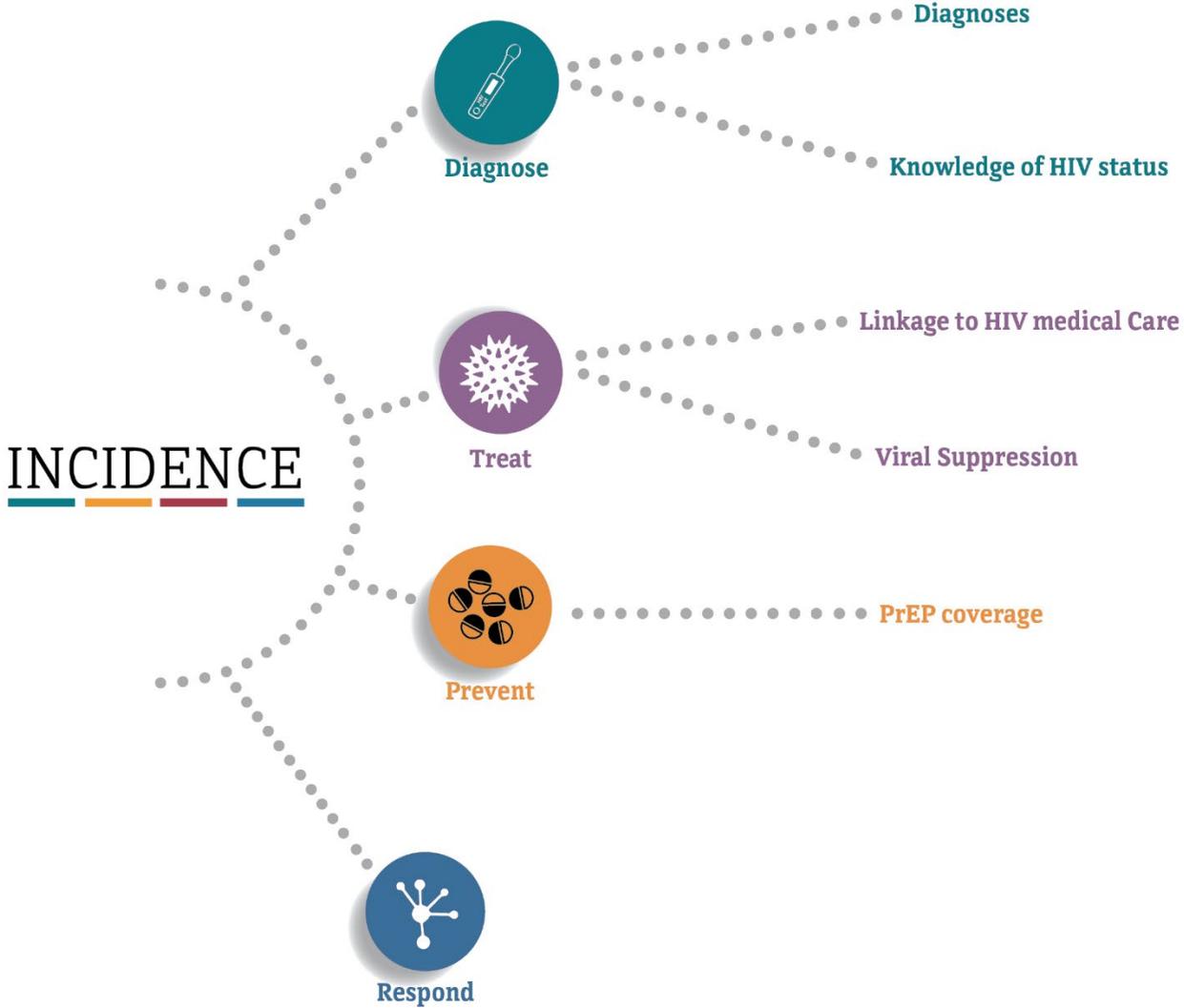
Aligning program activities and measures with indicators at the national, state, and county level facilitates synergy in working toward a common goal.

Indicators

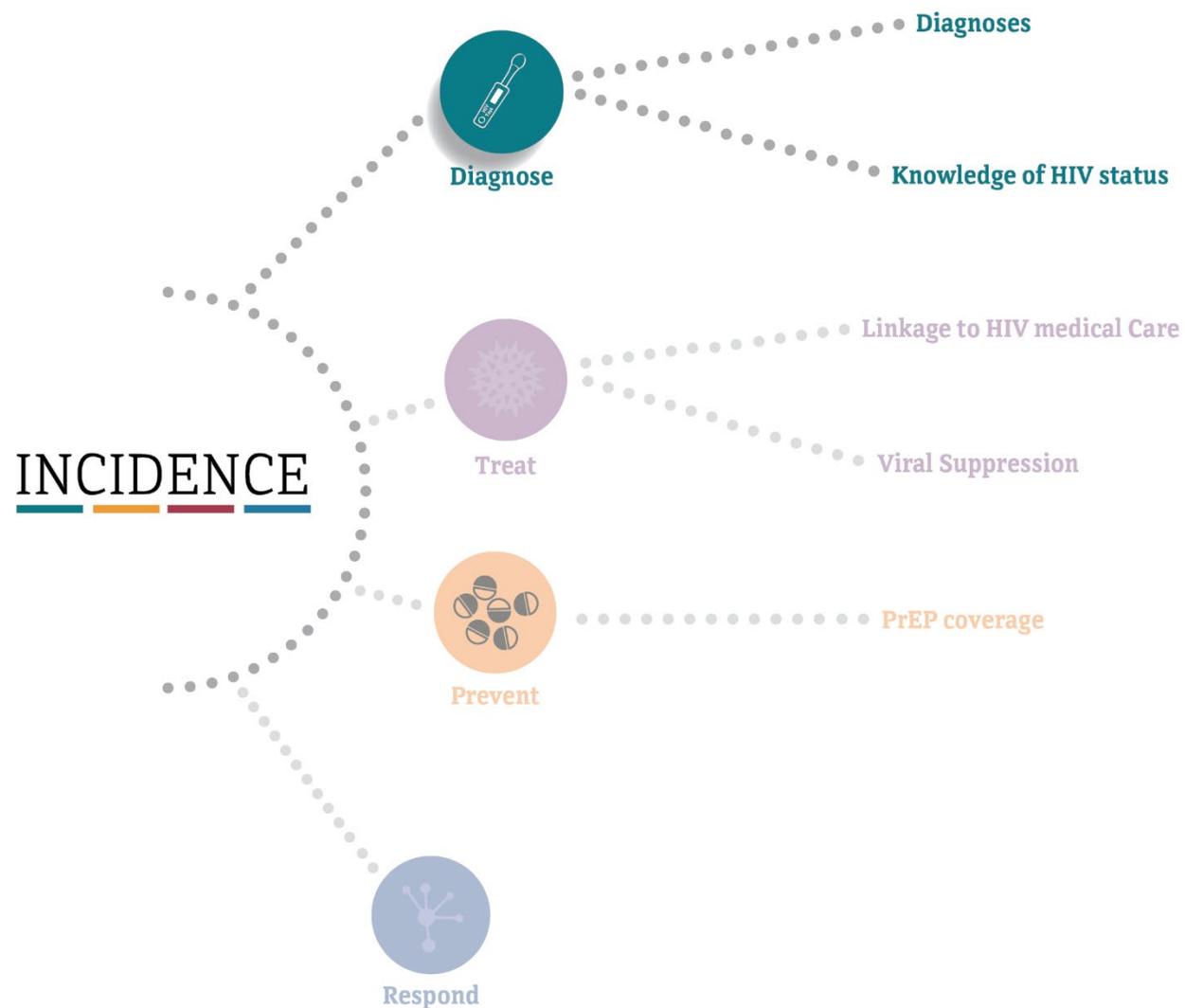
- 6 core EHE indicators
 - Incidence
 - Knowledge of status
 - Diagnoses
 - Linkage to HIV medical care
 - Viral suppression among persons with diagnosed HIV
 - PrEP coverage
- Streamlined set of the most important indicators
- Measure collective federal, state, and local contributions



EHE strategies and core indicators



EHE strategies and core indicators

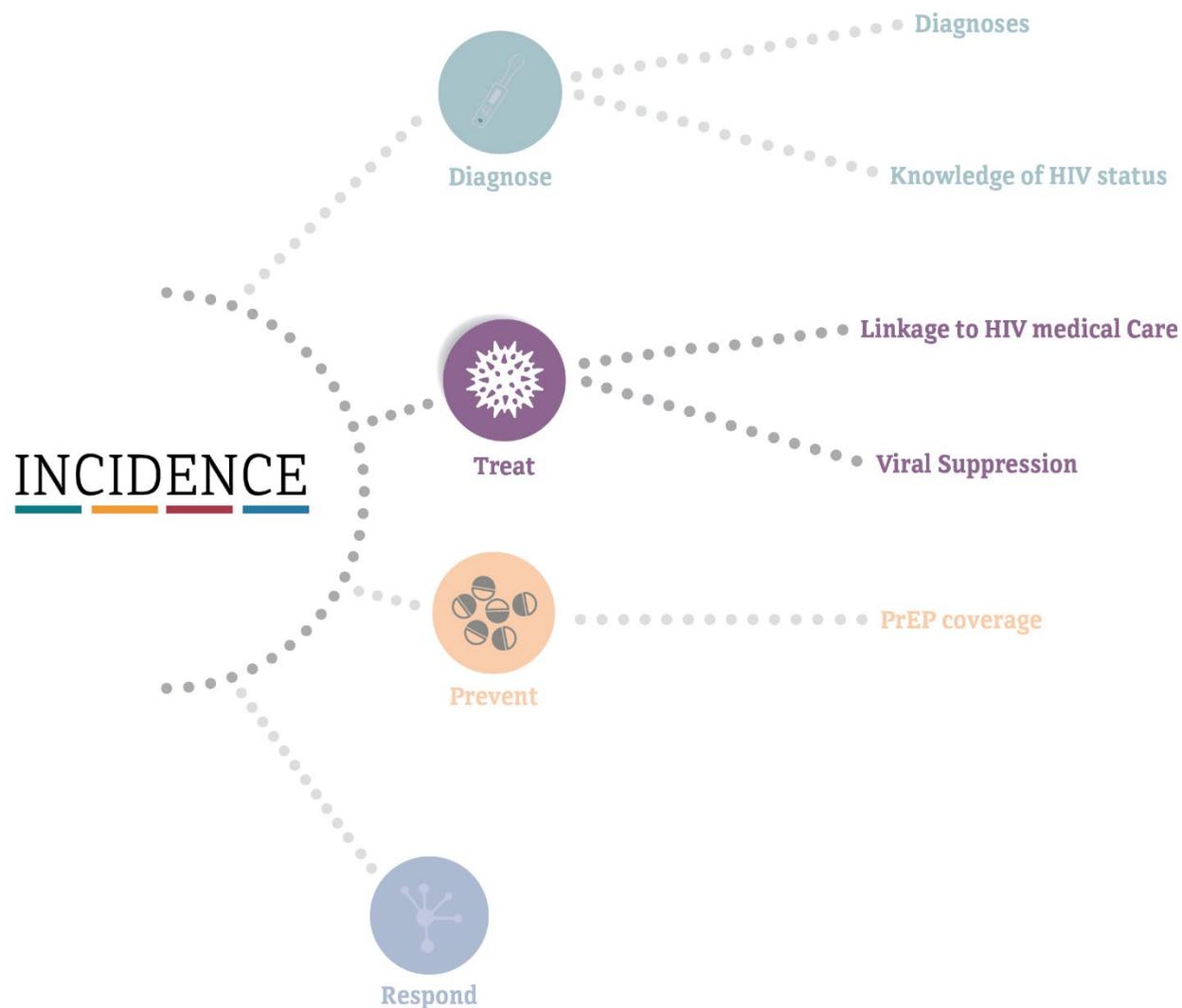


About 4 of 10 infections come from people who don't know they have HIV.

Essential:

- **HIV testing**
 - **Diagnose** - persons with HIV can be linked to lifesaving medical care and treatment
 - **Improve Knowledge of HIV status** – more persons with HIV know their HIV status

EHE strategies and core indicators

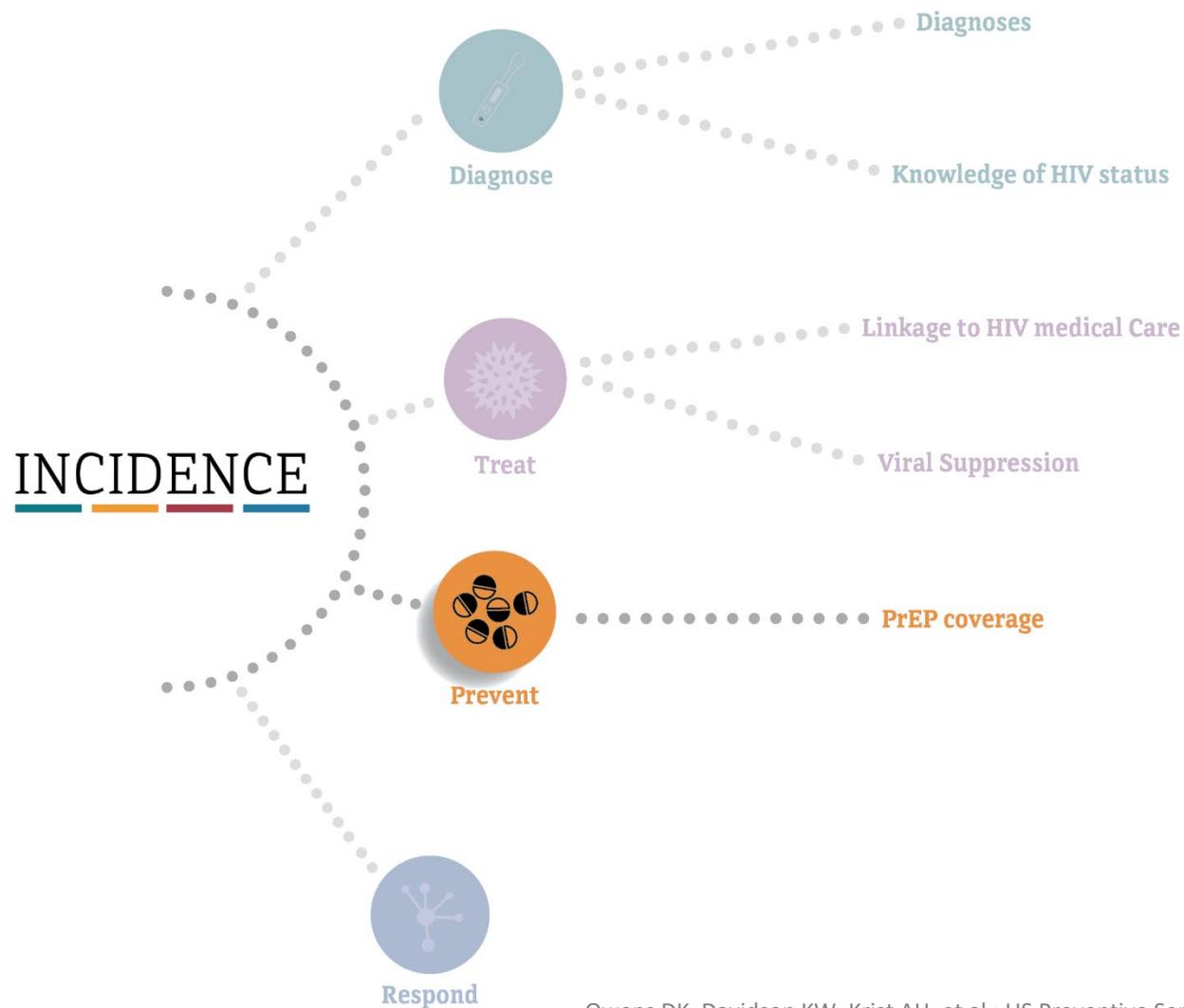


About 6 in 10 new HIV infections come from people with HIV who have received a diagnosis but are not in medical care or are not taking medicines consistently to control the virus.

Essential:

- **Linkage to lifesaving medical care and treatment**
- **Control HIV by maintaining a suppressed viral load means**
 - Healthier, longer life
 - Effectively no risk of passing HIV to sexual partners

EHE strategies and core indicators



PrEP is highly effective in preventing HIV, when taken as prescribed.

Essential:

- **PrEP reaches the populations who can benefit from it - PrEP coverage**



HIV Incidence vs Diagnoses

- Incidence refers to the estimated number of new HIV infections in a given time period, whether or not a diagnosis has been received.
- Diagnoses refer to the number of people who have received laboratory or clinical confirmation of HIV in a given time period regardless of when infection occurred



HIV Incidence - EHE primary outcome

- Estimated number of new HIV infections among persons aged ≥ 13 years that occurred in the calendar year



HIV Diagnoses – Diagnose strategy

- Number of persons ≥ 13 years who have received laboratory or clinical confirmation of HIV in a given time period



Knowledge of HIV status – Diagnose strategy

- Numerator:

- Number of persons aged ≥ 13 years living with diagnosed HIV at end of a calendar year

- Denominator:

- Estimated number of persons aged ≥ 13 years living with diagnosed or undiagnosed HIV at the end of a calendar year



Linkage to HIV Medical Care – Treat strategy

- **Numerator:**

- Number of persons aged ≥ 13 years with HIV diagnosed in a calendar year and who had ≥ 1 viral load (VL) or CD4 test within 1 month of HIV diagnosis

- **Denominator:**

- Number of persons aged ≥ 13 years with HIV diagnosed during a calendar year



Viral Suppression among persons with diagnosed HIV – Treat strategy

- Numerator:
 - Number of persons aged ≥ 13 years with HIV diagnosed and have a viral load test result < 200 copies/mL at the most recent viral load test during measurement year
- Denominator:
 - Number of persons aged ≥ 13 years with HIV diagnosed by the end of one calendar year and alive at the end of the measurement year
 - Example: Denominator for 2018 viral suppression is the number of persons diagnosed by end of 2017 and alive through the end of 2018



PrEP Coverage – Prevent strategy

- Numerator:
 - Number of persons ≥ 16 years who were classified as having been prescribed PrEP in a calendar year
- Denominator:
 - Estimated number of persons with indications for PrEP in a calendar year

Note: Receipt of a PrEP prescription is not a reportable condition. Therefore, PrEP coverage is not reported via National HIV Surveillance System (NHSS). Several data sources are used to calculate PrEP coverage. Data source for numerator – IQVIA, pharmacy data. Data sources for denominator are American Community Survey (ACS) of the US Census, National Health and Nutrition Survey (NHANES), and National HIV Surveillance System (NHSS). Numerator and denominator use different data sources; interpret with caution.



Data sources for Indicators

- National HIV Surveillance System (NHSS)
 - Primary source for monitoring trends in HIV in the United States
 - Primary data source for indicators
- PrEP coverage numerator
 - National pharmacy data – IQVIA
 - Provides number of persons classified as having been prescribed PrEP
- PrEP coverage denominator
 - American Community Survey of US Census (ACS)
 - National Health, Nutrition and Examination Survey (NHANES)
 - National HIV Surveillance System (NHSS)
 - Puerto Rico Community Survey

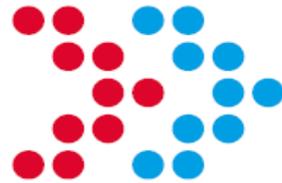


Targets and Data



Targets

UNAIDS 95-95-95

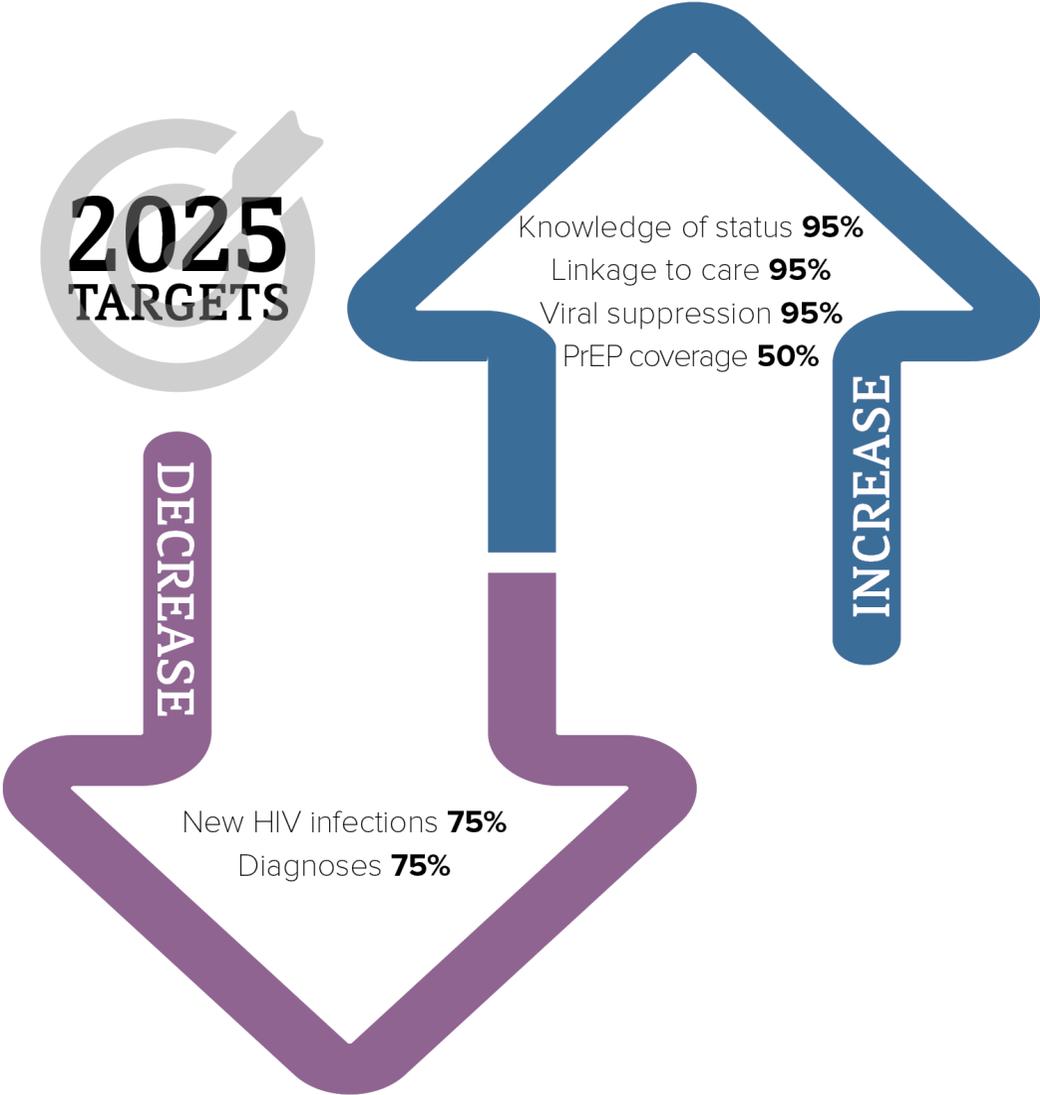


UNDERSTANDING FAST-TRACK
ACCELERATING ACTION TO END THE AIDS
EPIDEMIC BY 2030

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2030 Goal – Reduce new HIV infections by 90%

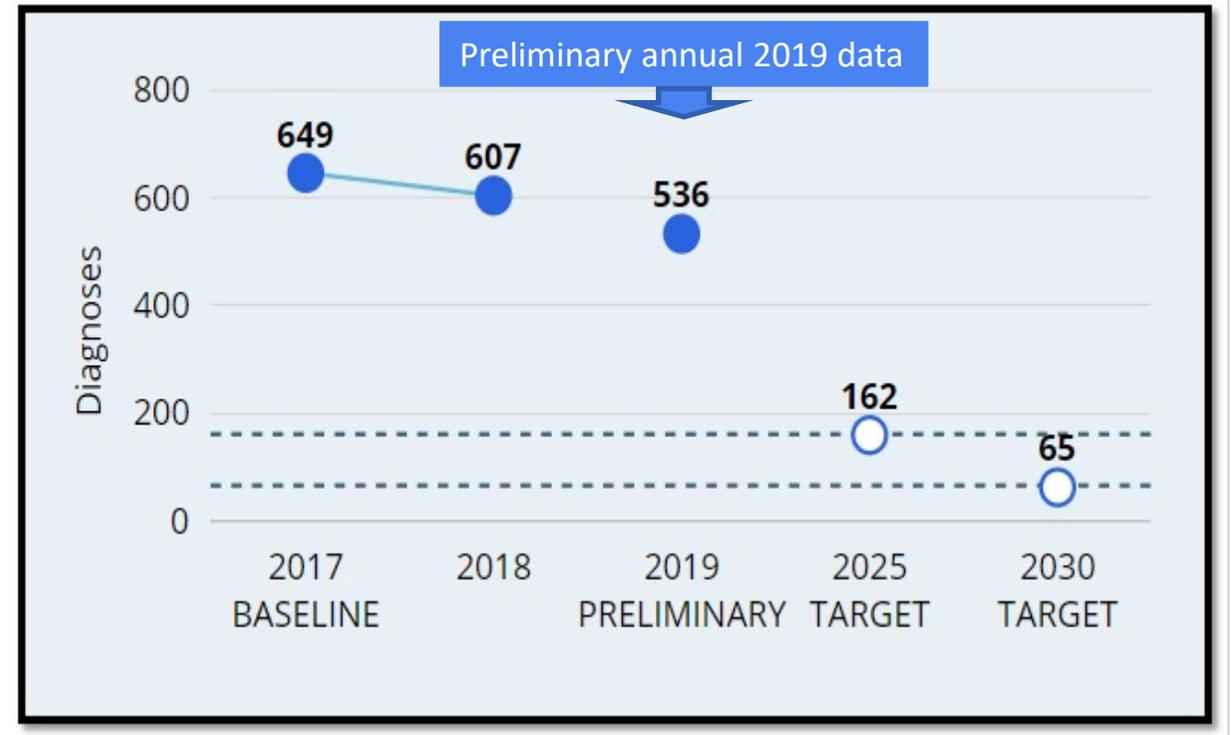
EHE Goal: Reduce new HIV infections 90% by 2030



Note: Targets for new HIV infections and diagnoses are relative to the baseline value. The 2025 target is a 75% reduction from baseline and is calculated as: baseline value*0.25.

Data included on EHE Dashboard

- **Results for each indicator by year and by jurisdiction**
 - Shown in relation to 2025 and 2030 targets
 - Baseline year – 2017
- **Data are updated**
 - NHSS is dynamic
 - 2018 and beyond
 - Exception: 2017 (baseline)



Cumulative Quarterly Data

■ Updated results for quarters in a calendar year

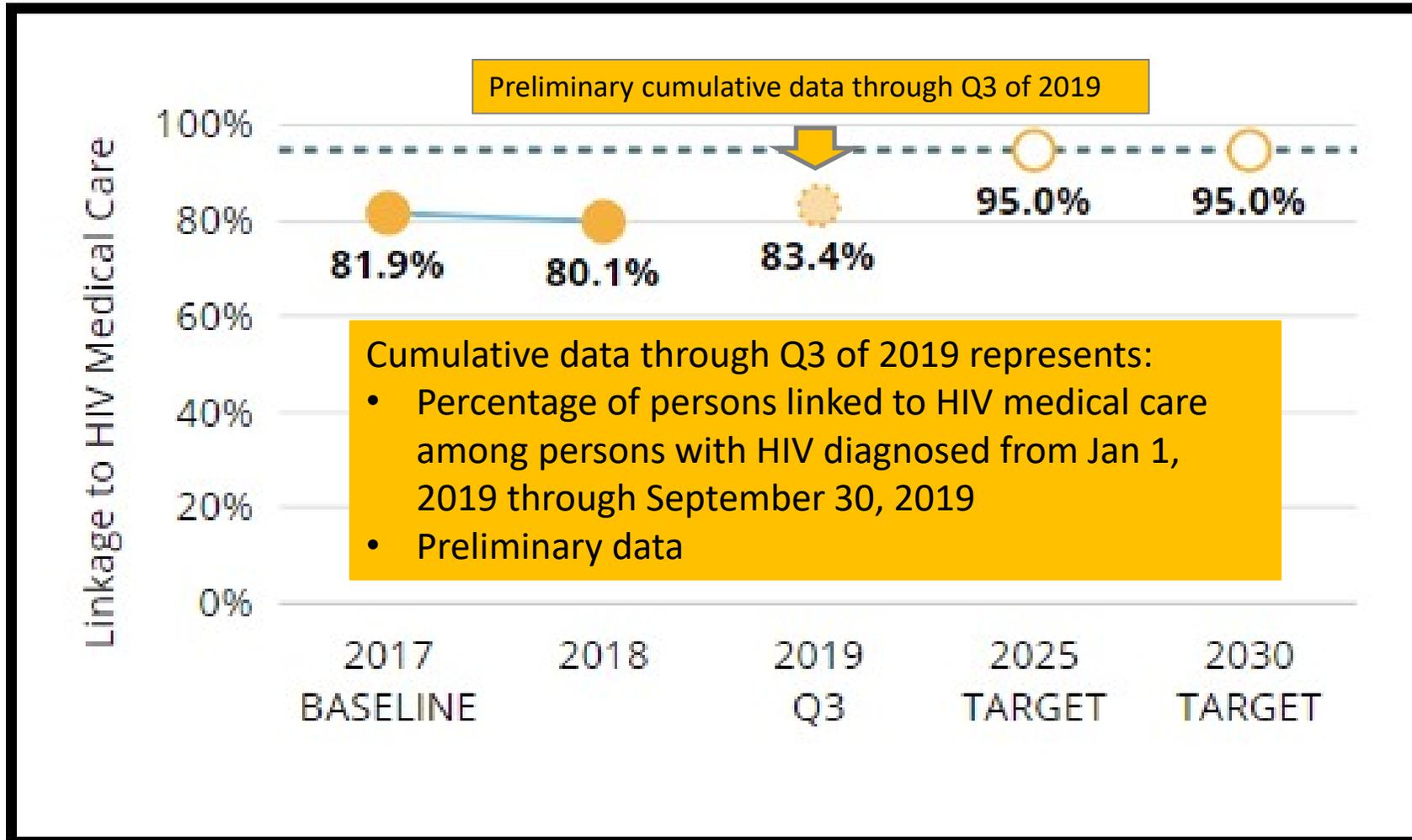
- Example: Q3 2020 will include data through Sept 30 of the calendar year
 - Includes Q1, Q2, and Q3 2020
- Indicators: Diagnoses, Linkage to care, PrEP

■ Why cumulative quarterly data?

- Data are continuously updated in National HIV Surveillance System (NHSS)
 - Accurate and up-to-date way for displaying data relative to 2025 and 2030 targets
- Allows users to understand:
 - Current status of indicator results to-date
 - Additional work that may be needed to improve



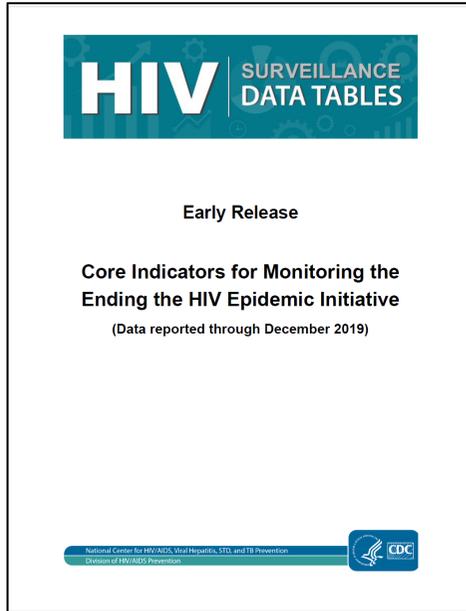
Linkage to HIV medical care



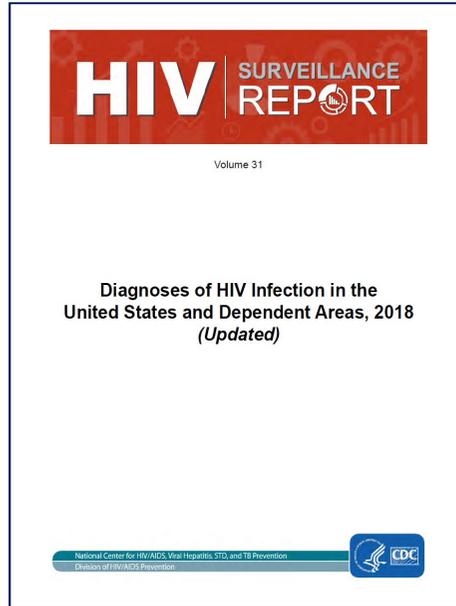


CDC data availability / Reports

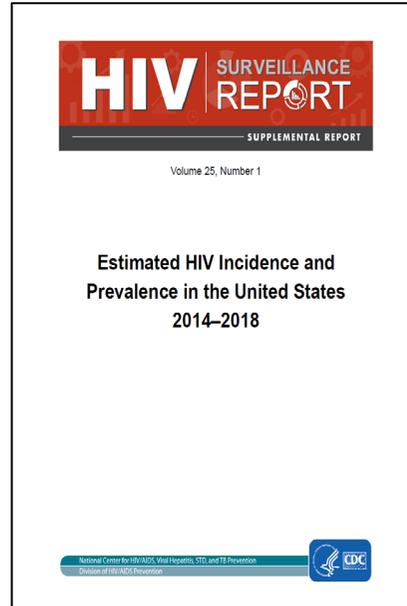
EHE indicators and CDC products



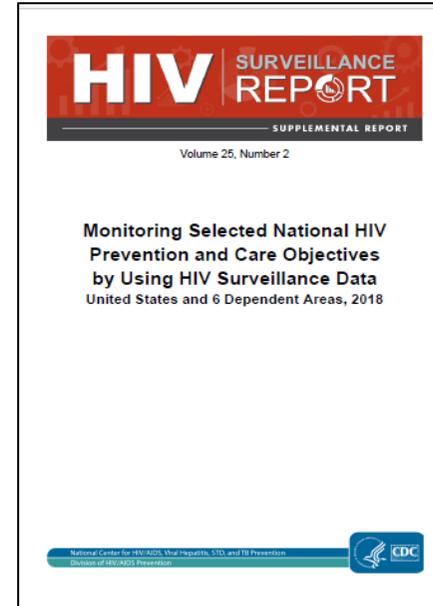
6 core EHE indicators



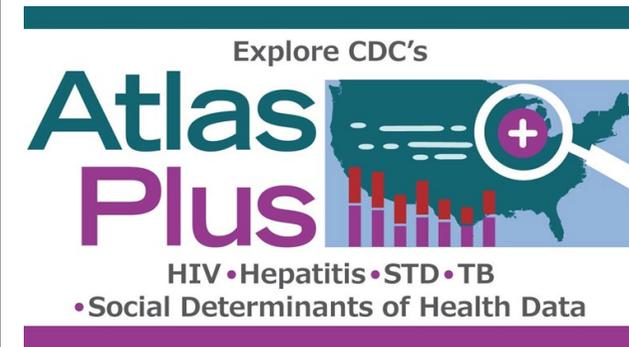
Diagnoses



Incidence
Knowledge of status



Linkage
Viral Suppression
PrEP coverage



6 core EHE indicators and
additional data

To facilitate timely dissemination, annual data for the 6 core EHE indicators will be released as Data Tables prior to CDC reports. CDC reports will be published in the spring of each calendar year. Data will also be available in NCHHSTP Atlas.



Cumulative Quarterly Reporting

- **EHE NHSS Indicators for year 2020 and forward**
 - Diagnoses
 - Linkage to Care
- **Published using March, June, September, December NHSS datasets**
 - HIV Surveillance Data Tables
 - AtlasPlus Updates
 - Initiation delayed due to COVID-19
- **PrEP coverage**
 - For year 2020 and forward
 - HIV Surveillance Data Tables
 - AtlasPlus Updates
 - Anticipate starting cumulative quarterly data reporting Winter 2020



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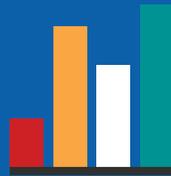
AHEAD: America's HIV Epidemic Analysis Dashboard



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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



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Jurisdictions can track their progress toward the six EHE indicators:

Overarching Goal:



Incidence

Midterm Goal:



Knowledge of Status

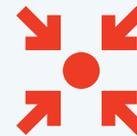
Leading Indicators:



Diagnoses



Linkage to HIV Medical Care



Viral Suppression



PrEP Coverage

A Phased Approach



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Initial Dashboard Release: August 2020

- Public-facing
- Insight into early progress since the creation of the EHE plan
- Will include baseline data for EHE indicators
- Holistic view of the data that informs the initiative and progress toward the 2025 and 2030 EHE indicator targets

Ongoing Enhancements:

- Additional decision support features and data sets to be included through an iterative process
- Include data analysis and decision-making tools for jurisdictions
- Supports the jurisdictions' continued progress towards reaching EHE goals

Future Enhancements



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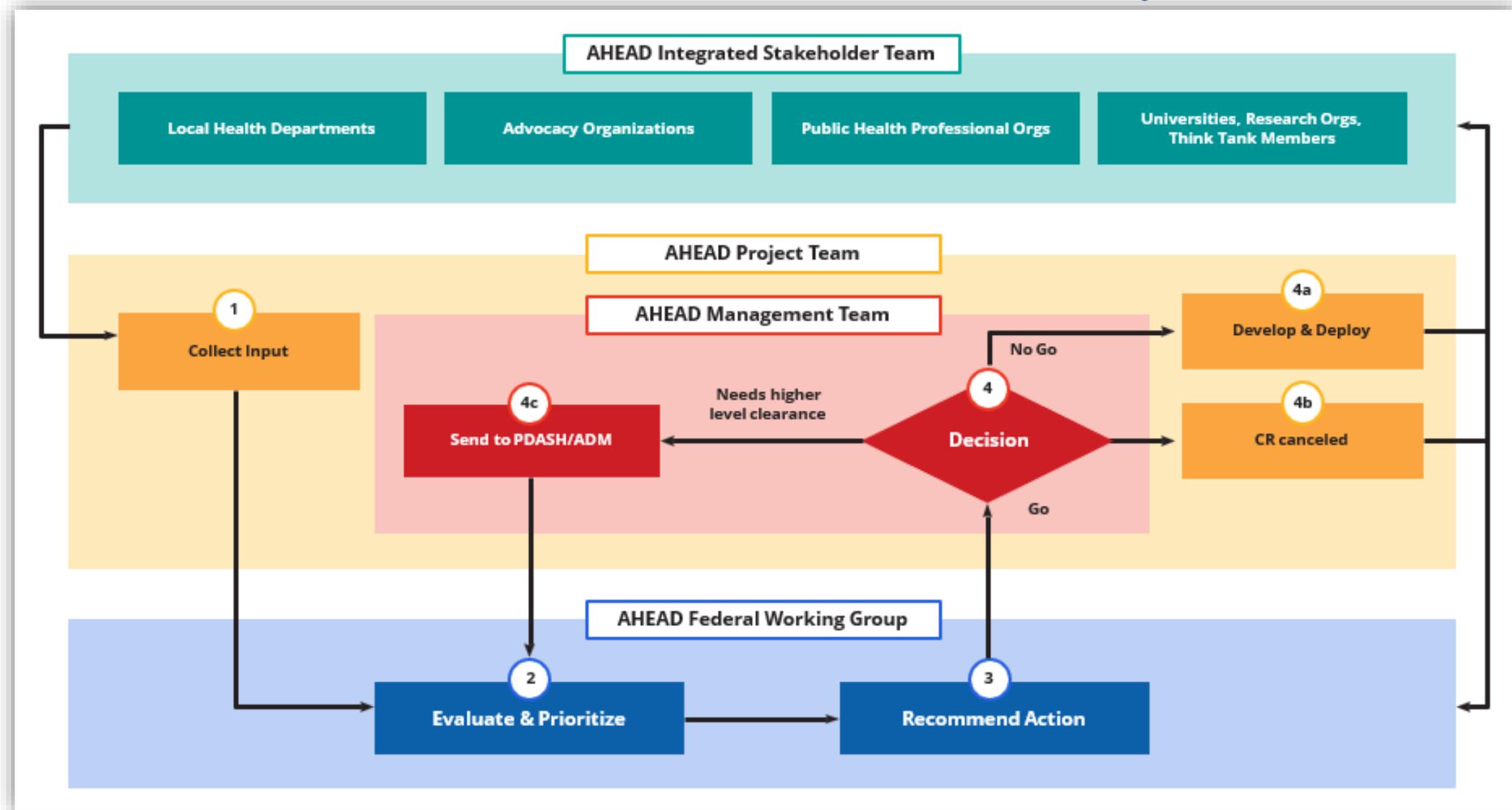


- Ongoing enhancements to the dashboard will:
 - Include annual and quarterly indicator data as they become available,
 - Allow for multiple types of analysis (e.g., trend analysis, significance testing), like-comparison, and decision-making support; and
 - Innovative strategies and success stories as they emerge from the EHE jurisdictions.

AHEAD Feedback Loop



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The AHEAD Dashboard



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*We will now walk through the
dashboard.*

Stakeholder Engagement



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- AHEAD is created to support **EHE jurisdictions**.
- OIDP will collect input and feedback from stakeholders on the dashboard's usefulness and efficacy throughout ongoing development of the dashboard.
- OIDP will hold webinars to gather input and preview developments:
 - **Conduct surveys** to get an understanding of how the site is being used and ways to improve it
 - **Host listening sessions** to establish partnerships and receive recommendations
- OIDP will encourage **sharing, utilization, and promotion** of the dashboard to members, partners and audiences:
 - **Host launch webinars**
 - **Participate in conferences** and virtual events to foster collaboration
 - **Share content** such as email blasts, toolkits and presentation slides



AHEAD Materials



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How you can share AHEAD:

- Social Media Toolkit
- Shareable Graphics
- Sample Email Newsletter Text
- Fact Sheet

SOCIAL MEDIA TOOLKIT

What is AHEAD? INFORMATION FOR ACTION

AHEAD displays CDC data in easily consumable graphics and tables to help inform national and local decision-making. Using these data, we can work toward reaching the overarching goal of *Ending the HIV Epidemic: A Plan for America (EHE)*; a 75% reduction in the number of new HIV infections by 2025 and a 90% reduction by 2030.

EHE is a whole-of society, data-driven initiative, and AHEAD urges everyone to get involved. You can use this dashboard to:

- Learn about the EHE initiative;
- Track jurisdictions' movement towards achieving the local goals of the EHE initiative;
- Keep up-to-date on the latest news about the EHE initiative;
- Read EHE success stories from jurisdictions, partners, and other stakeholders;
- Find Notice of Funding Opportunity Announcements (NOFO); and
- Find HIV testing, care, and PrEP services near you.

Our collective fight to end the HIV epidemic in the United States starts with **YOU**: our stakeholders and partners. With your support, we feature jurisdictional advancement towards the overarching EHE goals and promote coordination between the data and action plans. This toolkit can help you educate your networks about EHE and AHEAD.

Visit the dashboard: [AHEAD.hiv.gov](#)

AHEAD SOCIAL MEDIA TOOLKIT

Sample Social Graphics

Visit the dashboard: [AHEAD.hiv.gov](#)

Closing



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We Welcome Your Questions



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*We will now have a Q&A session.
Please continue to enter your questions in
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Thank You



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