

# Motivating Primary Care Provision of PrEP Care: A Key Component of Ending the HIV Epidemic

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- **Dr. Smith has no financial or other conflicts of interest to report**

# Ending the HIV Epidemic: A Plan for America

- 2020-2030

**GOAL:**



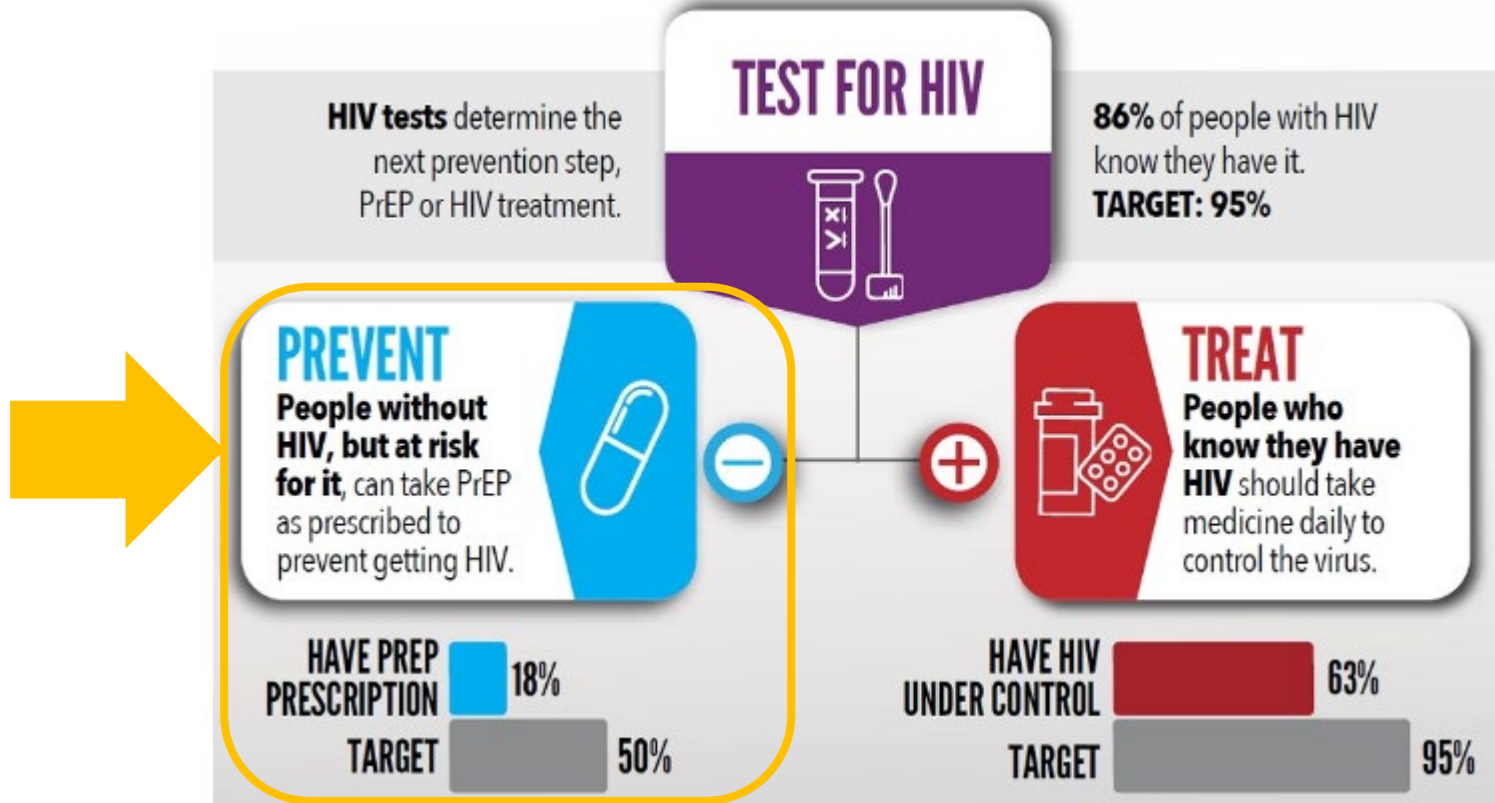
**75%**  
reduction in new  
HIV infections  
in 5 years  
and at least  
**90%**  
reduction  
in 10 years.

**PHASE 1:** Focused effort to reduce new infections by 75% in 5 years

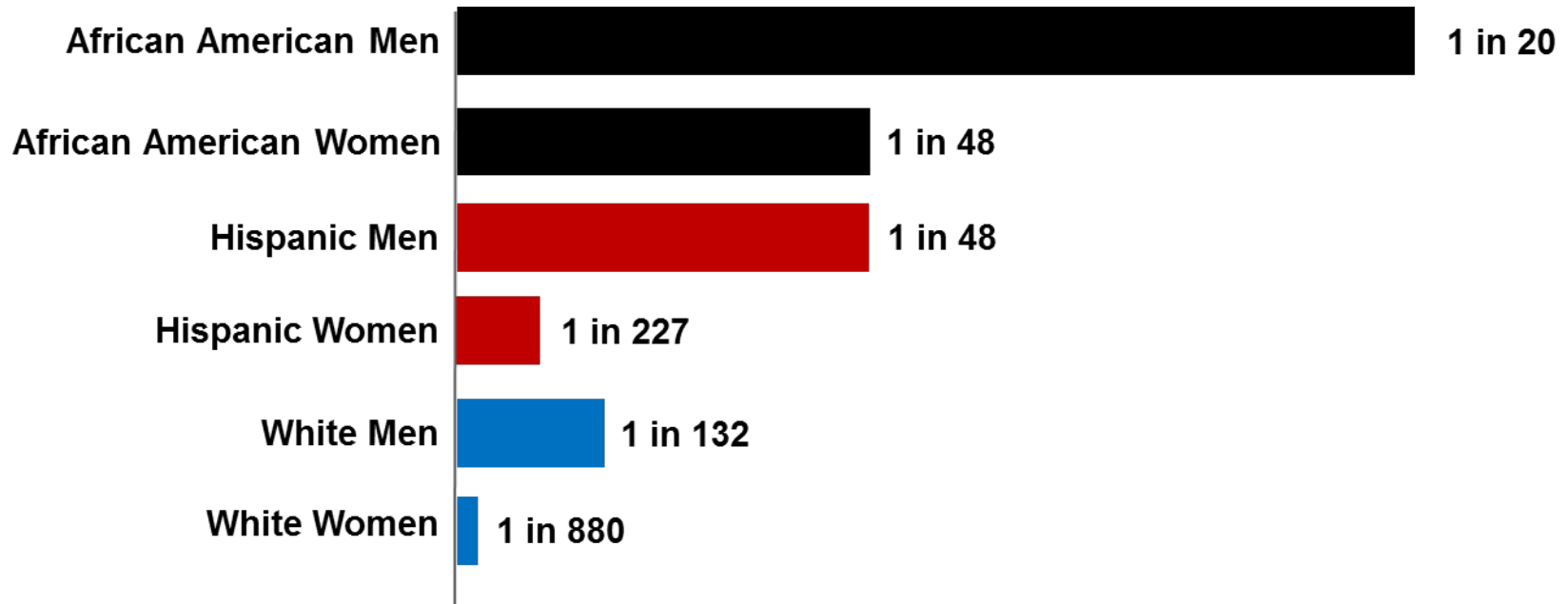
**PHASE 2:** Widely disseminated effort to reduce new infections by 90% in the following 5 years

**PHASE 3:** Intense case management to maintain the number of new infections at < 3,000 per year

# Key Actions to Help End the HIV Epidemic

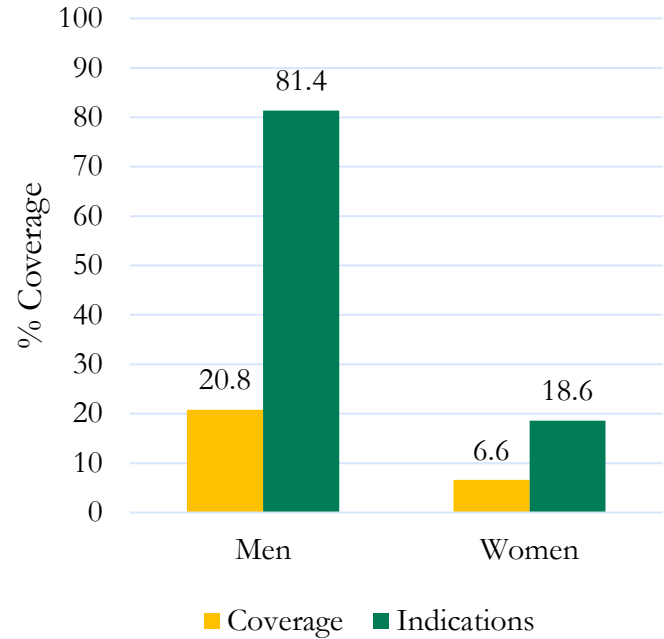
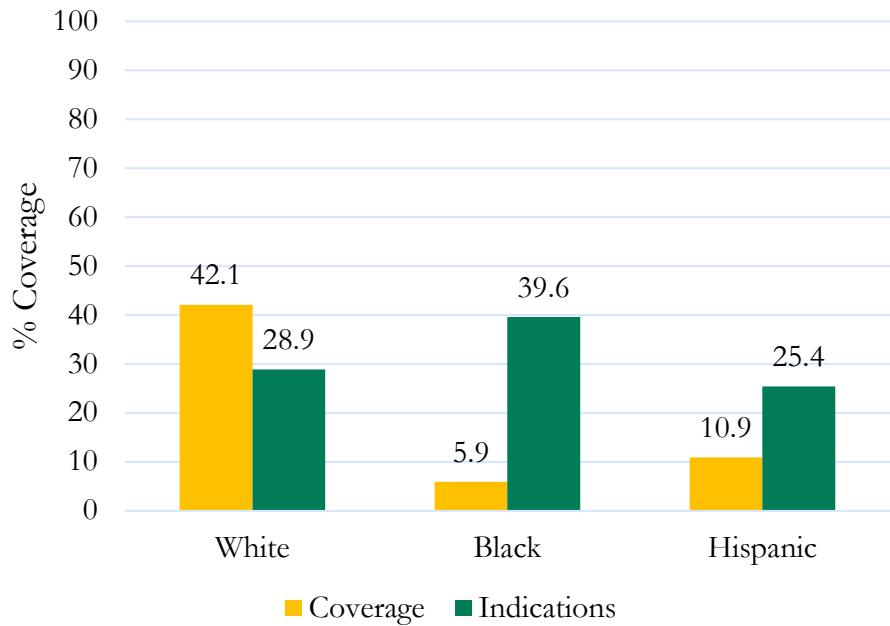


# Lifetime Risk of HIV Diagnosis by Race/Ethnicity and Sex

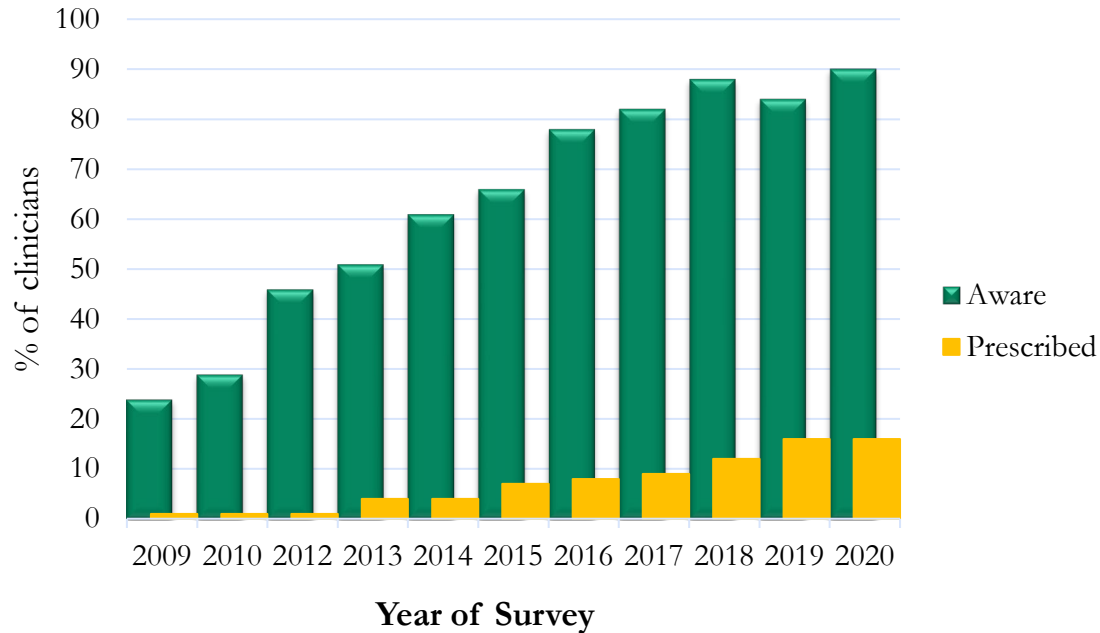


- Lifetime risk for men who have sex with men (MSMs):
  - 1 in 2 black MSM; 1 in 4 Hispanic MSM; 1 in 11 white MSM

# PrEP Coverage by Race Ethnicity and Sex, 2018

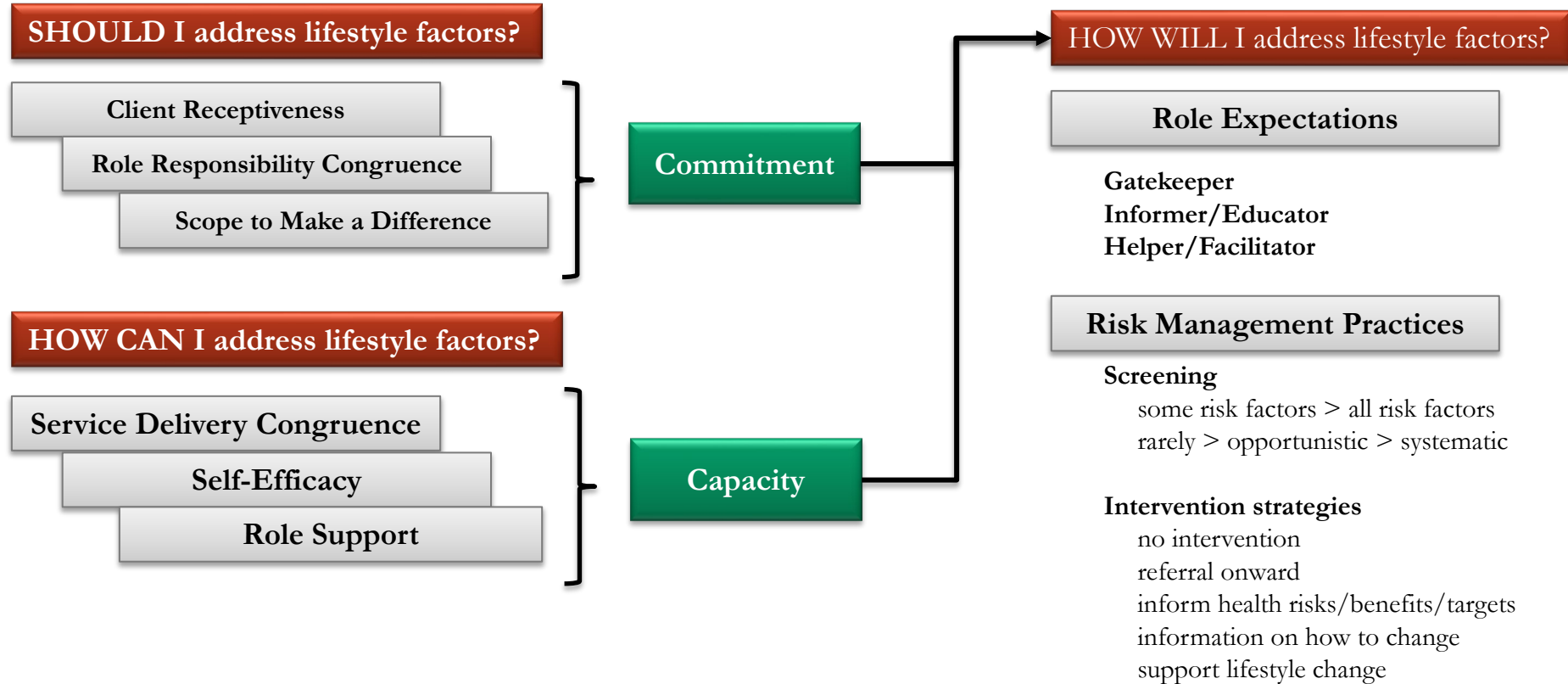


# Primary Care Clinician PrEP Awareness and Prescribing (2009-2020), DocStyles



Sources: Smith et al, PlosOne 2016, Jones et al, in press 2020

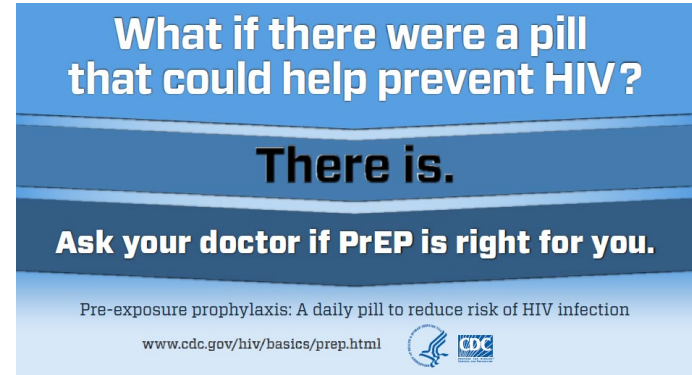
# How Clinician Perceptions Shape Prevention Practices





# Make it Simple

- **Inform all sexually active patients about PrEP availability**
- **Use EMR**
  - Implement routine HIV testing
  - Offer PrEP to all diagnosed with syphilis or gonorrhea
- **Take a team approach**
- **Add select questions to paper or digital health history form**




What if there were a pill that could help prevent HIV?

**There is.**

**Ask your doctor if PrEP is right for you.**

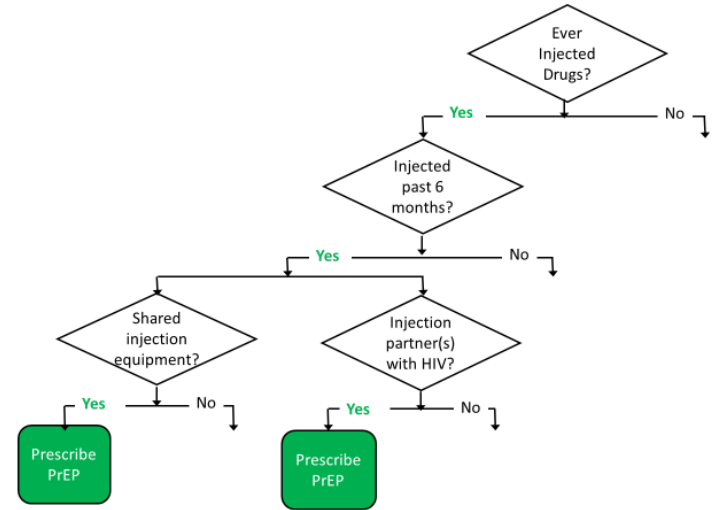
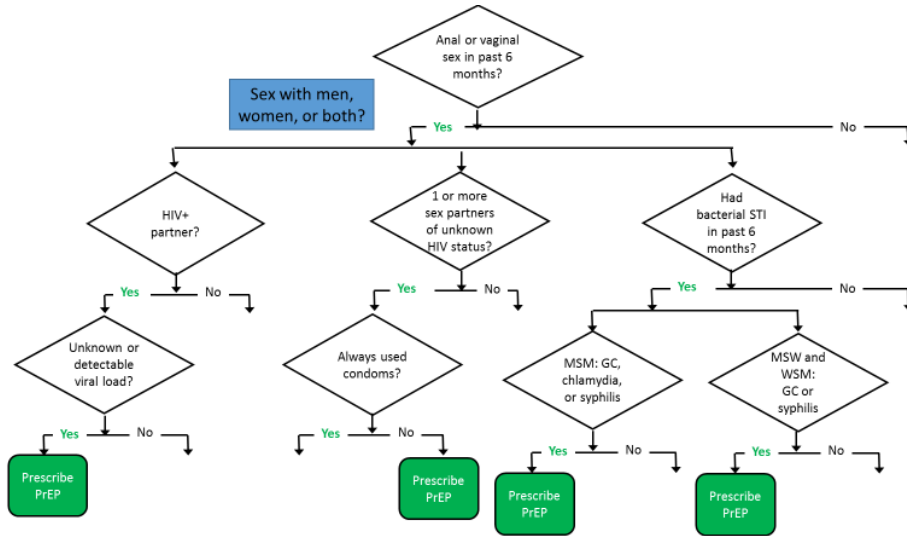
Pre-exposure prophylaxis: A daily pill to reduce risk of HIV infection

[www.cdc.gov/hiv/basics/prep.html](http://www.cdc.gov/hiv/basics/prep.html)



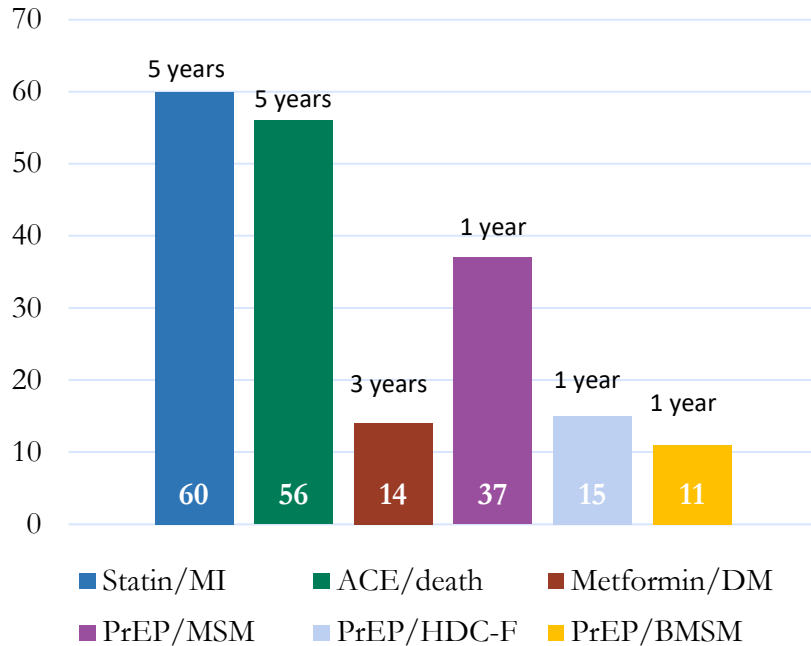
The graphic features a blue background with white and yellow text. It includes the CDC logo and a URL.

# Ask the Least You Need to Know for PrEP



# Is it Worth It?

## Number Needed to Treat



## Missed Opportunities

- **In NYC, among seroconverters 2012-2017**
  - **42%** had a prior negative HIV test visit without provision of PrEP
- **In SC, among seroconverters 2013-2016**
  - **25%** had a diagnosis of gonorrhea or syphilis at a prior healthcare visit without provision of PrEP
- **In the VA, among patients with indications for PrEP,**
  - **35%** experienced delays receiving PrEP ranging from six weeks to 16 months.
- **In AL, among adolescents at a primary care center**
  - **44%** had a PrEP indication. None were offered/prescribed PrEP

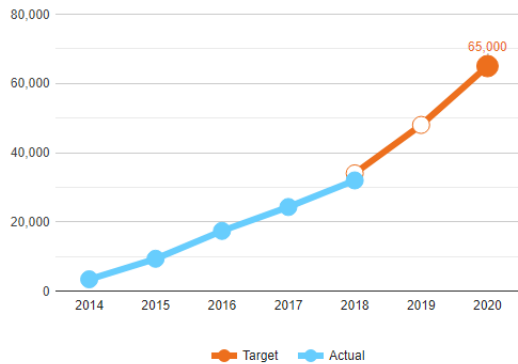
# PrEP Reduces HIV Incidence

## New York State

### INCREASE

the number of **individuals filling prescriptions for PrEP** to

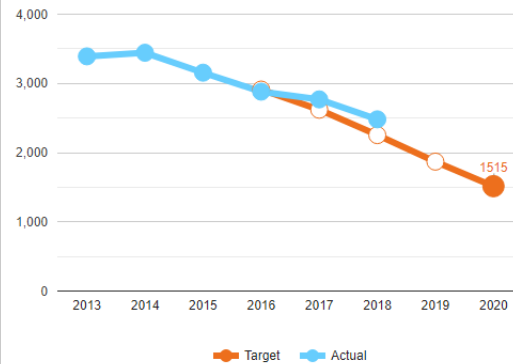
**65,000**



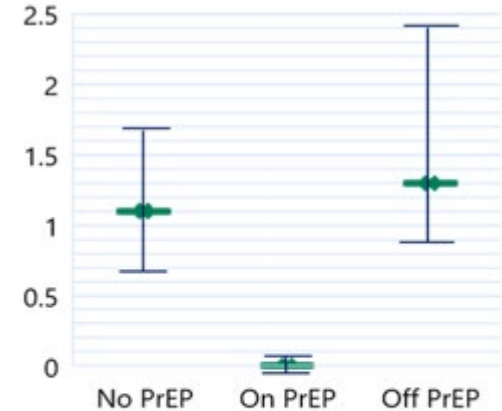
### REDUCE

the number of **new HIV diagnoses** by 55% to

**1,515**



## HIV Incidence



■ **Persistent use of PrEP throughout periods of risk of HIV exposure**

# The Importance of Clinician PrEP Detailing

- **Ending the HIV Epidemic depends on clinicians**
  - Incorporating PrEP as a primary care preventive health care service (USPSTF)
  - Identifying which of their patients is at risk of acquiring HIV
  - Providing PrEP to their patients with need for it
  - Supporting adherent and persistent use of PrEP
- **PrEP care is as simple as preventive care already being provided**
  - Metformin for persons at risk of diabetes
  - Statins for persons at risk for cardiovascular disease
  - Contraception for women at risk of unwanted pregnancy
- **Encouragement and reinforcement is necessary for durable practice change**

# PrEP Resources for Clinicians and Patients

- PrEP Clinical Practice Guideline and Provider's Supplement  
<https://www.cdc.gov/hiv/pdf/risk/prep/cdc-hiv-prep-guidelines-2017.pdf>  
<https://www.cdc.gov/hiv/pdf/risk/prep/cdc-hiv-prep-provider-supplement-2017.pdf>
- CDC HIV NEXUS  
<https://www.cdc.gov/hiv/clinicians/index.html>
- Gilead Medication Assistance Plan  
<https://www.gileadadvancingaccess.com/>
- HHS Ready, Set, PrEP Program  
<https://www.getyourprep.com/>
- NASTAD PrEP Health Plan Calculator  
<https://nastad.checkbookhealth.org/prepcost/2020/>



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**The United States will become a place where  
new HIV infections are rare...**

*National HIV/AIDS Strategy*