

Ending HIV Transmission Test, Treat, and Prevent



Want to learn more?

www.cdc.gov/vitalsigns/test-treat-prevent

154,000

About 154,000 people (14%) who have HIV don't know it and need testing.

37%

About 37% of people who know they have HIV don't have it under control* and need treatment.

4 in 5

About 4 in 5 (82%) people who could benefit from medicine to prevent HIV (PrEP)† aren't getting it.

Overview:

About 38,000 new HIV infections still occur each year. The US Government recently proposed **Ending the HIV Epidemic: A Plan for America** to reduce HIV transmission. The goal is to reduce new HIV infections by 90% by 2030. To end transmissions, people should first get tested for HIV so everyone knows whether or not they have it. People with HIV should take HIV medicine every day to control the virus, stay healthy, and have effectively no risk of sexual transmission. People without HIV, but at high risk for it, can take a medicine called PrEP to prevent them from getting HIV from sex when taken as prescribed.

* HIV that is under control or undetectable has less than 200 copies of HIV per milliliter of blood.

† Pre-exposure Prophylaxis, or PrEP, is an oral pill for people at very high risk for getting HIV. When used as prescribed, PrEP can prevent HIV.



PROBLEM:

Progress has stalled:

- In 2017, too few people with HIV, especially those ages 13-24 years, got the HIV medical care or medicine they need every day to control the virus.
- Many infections (about 4 of 10) came from people who didn't know they had HIV in 2016.
- Another 6 in 10 infections in 2016 came from people who knew they had HIV, but were not getting HIV medical care or taking medicine consistently to control the virus.
- PrEP wasn't prescribed to enough of the 1.2 million people who could benefit from it in 2018, especially young people and racial/ethnic minorities. PrEP coverage for whites is 4 to 7 times as high as for Latinos and blacks.



**Centers for Disease
Control and Prevention**
National Center for HIV/AIDS,
Viral Hepatitis, STD, and
TB Prevention

Key actions to help end the HIV epidemic*

HIV tests determine the next prevention step, PrEP or HIV treatment.

TEST FOR HIV



86% of people with HIV know they have it.
TARGET: 95%

PREVENT

People without HIV, but at risk for it, can take PrEP as prescribed to prevent getting HIV.



TREAT

People who know they have HIV should take medicine daily to control the virus.



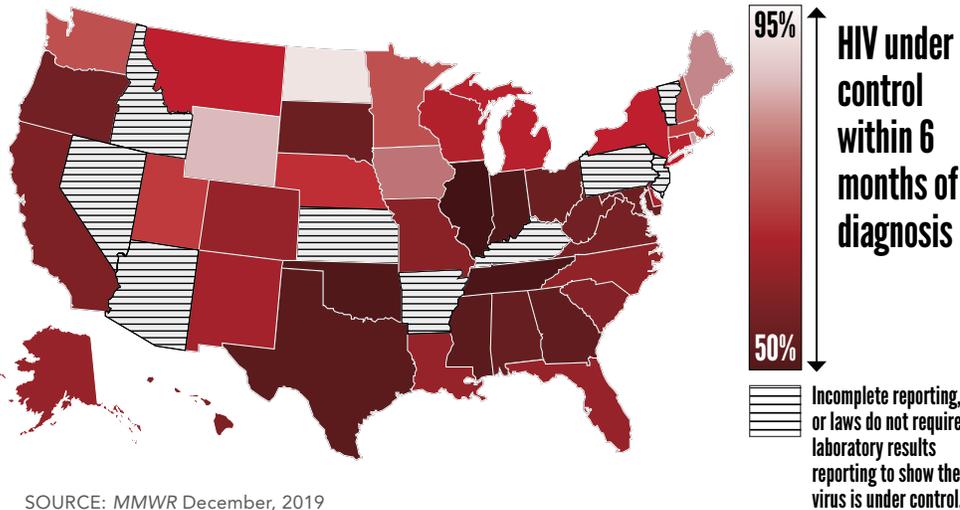
HAVE PREP PRESCRIPTION 18%
TARGET 50%

HAVE HIV UNDER CONTROL 63%
TARGET 95%

* The 4th pillar of Ending the HIV Epidemic, Respond, is not a part of these Vital Signs data.

SOURCE: MMWR December, 2019

Too few people have their HIV under control within 6 months of diagnosis



SOURCE: MMWR December, 2019

Test, Treat, Prevent, and Respond

Ending the HIV Epidemic



Ending the HIV Epidemic: A Plan for America would leverage critical scientific advances in HIV testing, treatment, prevention, and response, by coordinating highly successful programs and resources of the US Department of Health and Human Services (HHS) agencies and offices. **Ending the HIV Epidemic** would first focus on geographic areas that are hardest hit by HIV to achieve the most impact. The intent is to expand nationally within 10 years.

THE WAY FORWARD

HEALTHCARE PROVIDERS CAN:

- Test all patients for HIV at least once in their lives.
- Test people at high risk for HIV at least once a year. Gay and bisexual men may benefit from more frequent testing (every 3 to 6 months).
- Initiate HIV treatment as soon as possible after diagnosis.
- Prescribe PrEP to all patients who could benefit from it. Learn more at <https://bit.ly/PrEPPrx>.

HEALTH DEPARTMENTS CAN:

- Expand HIV testing including use of self-test kits.
- Find people who fall out of HIV care and help them get back in care.
- Raise awareness about PrEP and train healthcare providers in how and when to prescribe it.

EVERYONE CAN:

- Get tested for HIV. Find where you can get tested at <http://bit.ly/HIVtestnearby>.
- Talk with your healthcare provider about HIV prevention including PrEP.
- Stay healthy by taking your medicine as prescribed if you have HIV or are on PrEP.

For more information

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