

Equity Considerations for Expanding PrEP Use for MSM in Los Angeles County

Los Angeles County is one of the 8 priority counties in California under the federal *Ending the HIV Epidemic* plan



Despite longstanding efforts, disparities in HIV burden persist, especially among racial/ethnic minority MSM

PrEP is a key pillar of the federal, state, and local plans to end the HIV epidemic



Microsimulation modeling can help us make decisions on how to allocate limited resources by examining the predicted tradeoffs between effectiveness, fairness, and disparity reduction across racial/ethnic groups

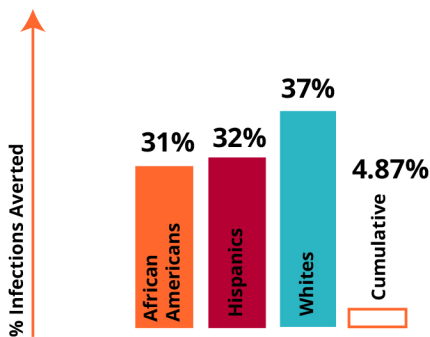
As an example...



What are the potential impact of differing strategies Los Angeles County may use to target dissemination (through education and support) of 9000 additional doses of PrEP to MSM*?

Equal Allocation

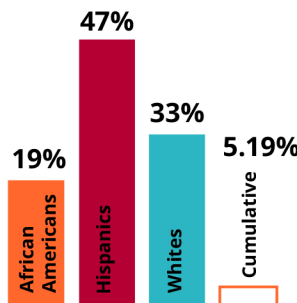
Equal quantity of PrEP for each race/ethnicity



Equal number of infections averted across MSM of all racial/ethnic groups

Count Allocation

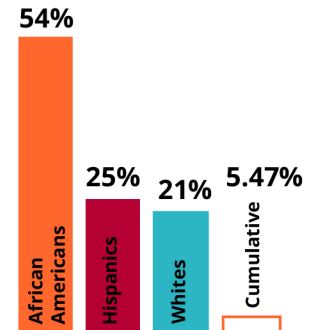
Proportional by race/ethnicity based on number of PLWH in each race/ethnicity



Greater impact in averting infections among Hispanics

Rate Allocation

Proportional by race/ethnicity based on new diagnosis rate relative to race/ethnicity



Greater impact in averting infections among African Americans

Equity demands that modeling studies explicitly consider the needs of key populations who remain at greater risk for poor HIV-related outcomes due to a range of social, economic, and demographic factors. These data can be useful in decision-making that centers impact and fairness in the process of expanding PrEP.

Read more at www.chprc.org



* Consideration of priorities depends on a variety of factors. We don't endorse any of the policies outlined above.