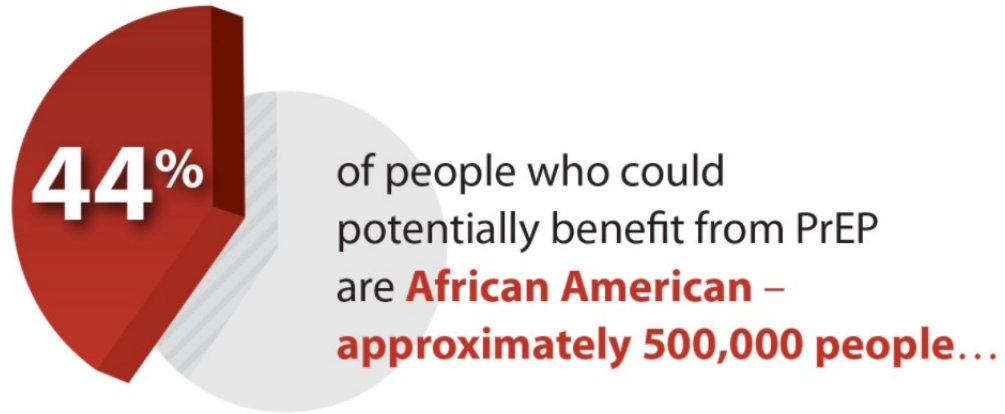


Pre-Exposure Prophylaxis  
Literacy Among Black and  
Latinx Patients Who Could  
Benefit from HIV  
Prevention Medication

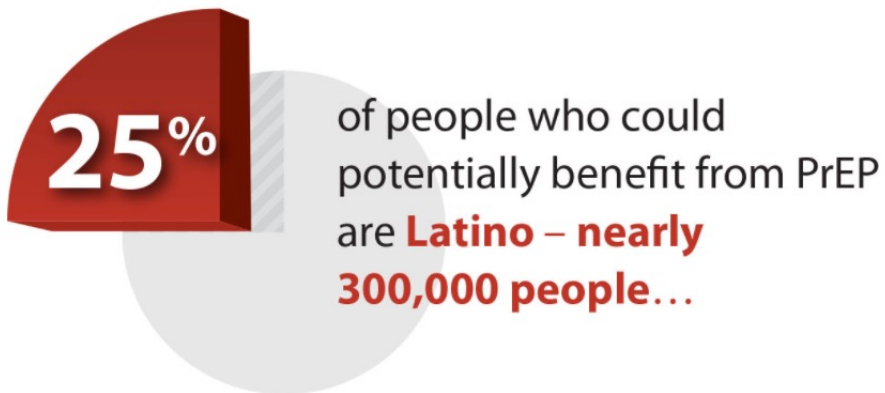
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# HIV prevention pill is not reaching most who could potentially benefit – especially African Americans and Latinos



...but only **1%** of those – **7,000 African Americans** – were prescribed PrEP\*



...but only **3%** of those – **7,600 Latinos** – were prescribed PrEP\*



\*Prescription data in this analysis limited to those filled at retail pharmacies or mail order services from September 2015 – August 2016; racial and ethnic information not available for one-third of the prescription data



# Methods

- Online Qualtrics survey contained 42 questions
  - Cross sectional study design was used
  - Inclusion criteria:
    - At least 18
    - Current resident of Indiana
    - Identify as Black or Latinx
-

# Demographics

## Race

- 67.6% identified as Black
- 32.4% identified as Latinx

## Age

- 38.3% were ages 18-24
- 25.3% were ages 25-34
- 16.2% were ages 35-44

## Education

- 28.3% had HS education
- 30.6% had some college
- 5.6% did not complete high school

## Sexual Health Practices Self-Efficacy (SHPSE) scale<sup>2</sup>

Participants were asked to indicate their level of confidence in performing practices such as asking their sexual partner if they are currently having sex with other people.

In order to better describe the data, scores were divided into 4 groups (level 1-4) with level 1 indicating the lowest degree of self-efficacy and 4 indicating the highest degree of self-efficacy.

## PrEP Literacy

Participants were given a series of common myths and misconceptions (e.g. people on PrEP do not need to use condoms), and given a score ranging from 9-18, with 9 indicating the lowest degree of PrEP literacy and 18 indicating the highest degree of PrEP literacy.

# PrEP Literacy Scores

61.7% of those surveyed have an average PrEP literacy score

10.7% have a low PrEP literacy

27.4% have a high PrEP literacy

Of those with LOW PrEP Literacy:



78.5% were Black

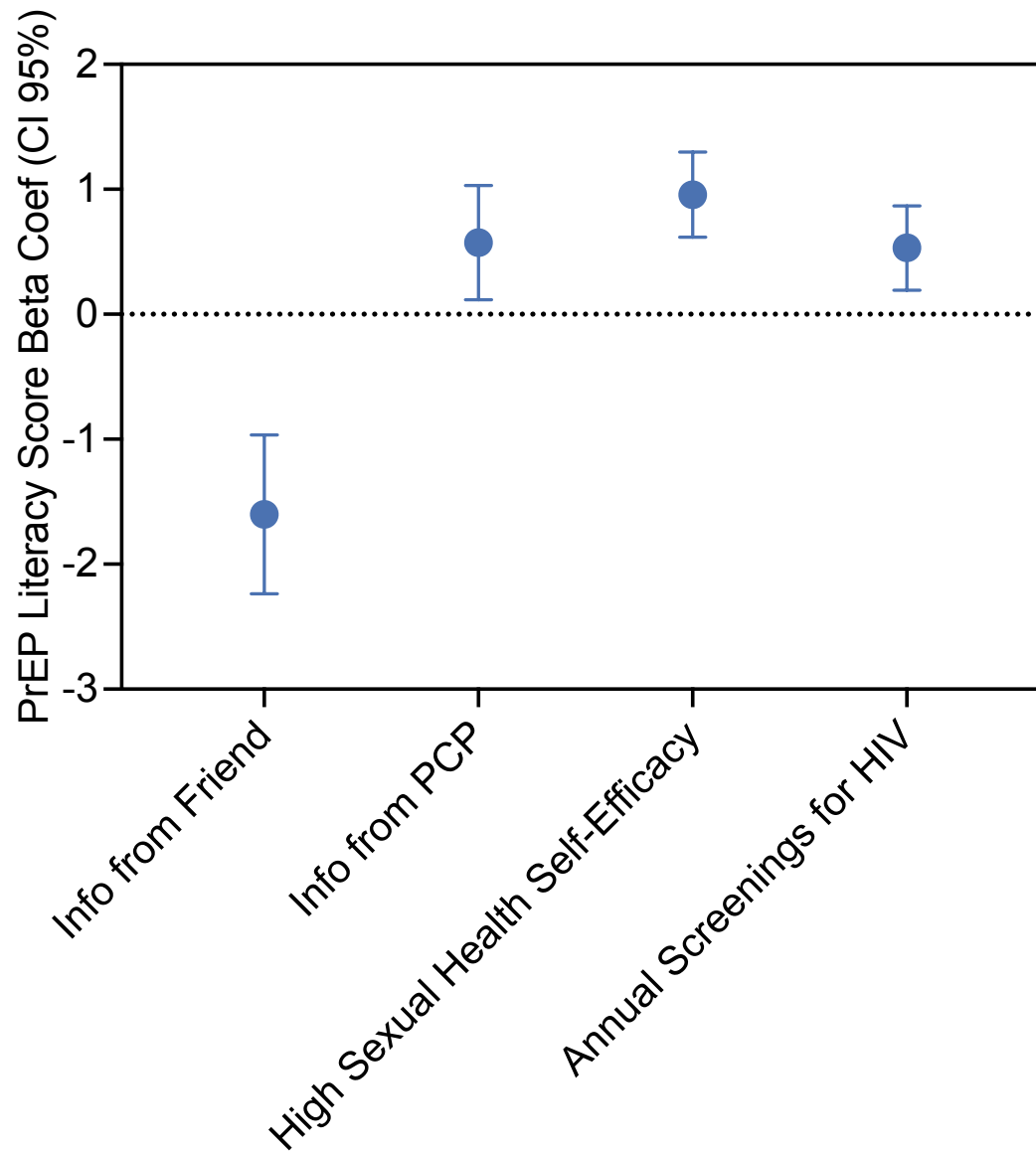


50.8% were 25-34



92.3% identified as straight

# PrEP Literacy Principal Determinants



# Conclusions

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PrEP literacy is increased among patients reporting more contact with their provider, especially with PCPs who screen for HIV regularly.

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Respondents who utilize their PCPs are more confident accessing HIV services and are more able to discern fact from fiction around PrEP.

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PCPs who serve as a primary source of information may also serve as the patient's sole, accurate source of sexual health education.

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# References

1. Bogorodskaya M, Lewis SA, Krakower DS, Avery A. Low Awareness of and Access to Pre-exposure Prophylaxis But High Interest Among Heterosexual Women in Cleveland, Ohio. *Sex Transm Dis.* 2020;47(2):96-99.
2. Koch, Patricia Barthalow , Clinton Colaco and Andrew W. Porter , "Sexual Health Practices Self-Efficacy Scale" , in *Handbook of Sexuality-Related Measures* ed. Terri D. Fisher , Clive M. Davis , William L. Yarber and Sandra L. Davis (Abingdon: Routledge, 12 Aug 2010 ), accessed 02 Apr 2021 , Routledge Handbooks Online.
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