

Preventx. &

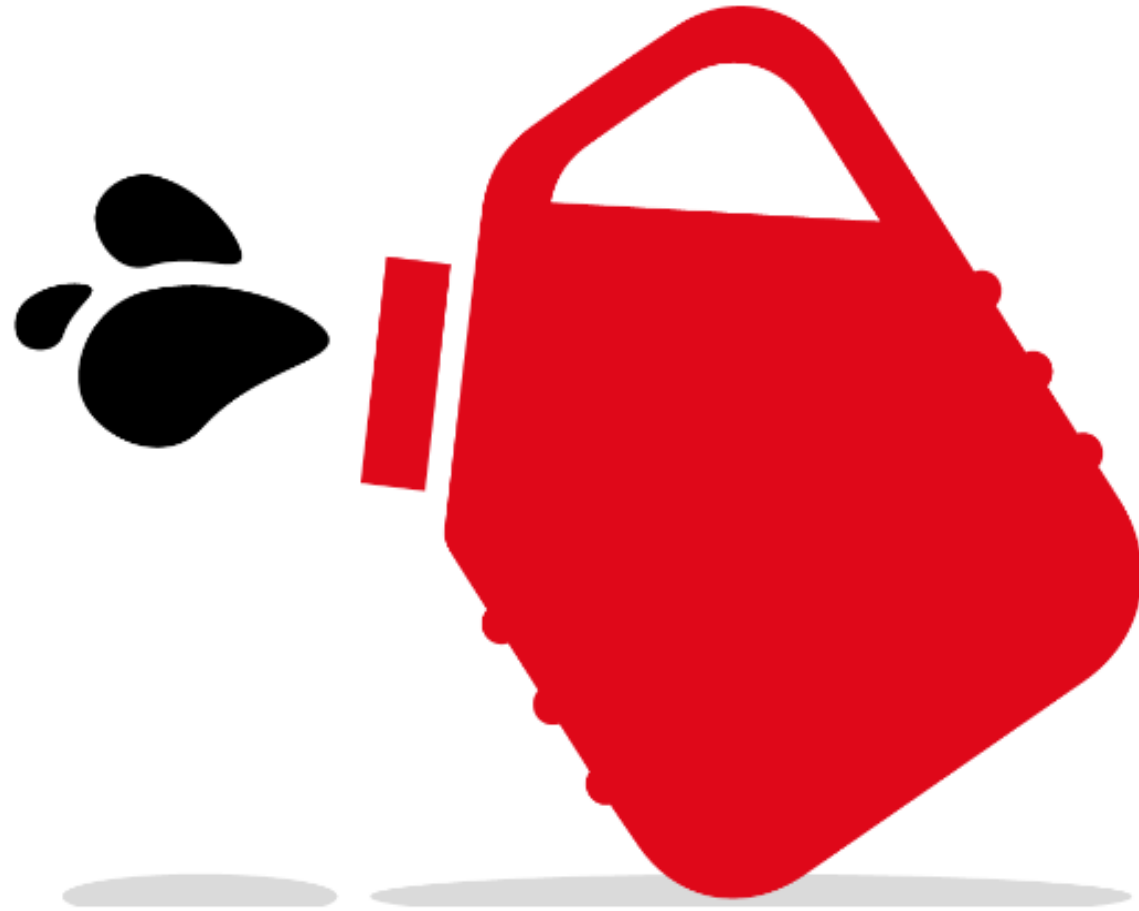


# A digital doorway to PrEP

Analysis of demographic trends in PrEP uptake in users requesting online testing outside London in England

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# Background

OPSS (Online Postal Self Sampling) STI consultation and triage replicate what would be offered in clinic

The information gathered allows for digital health promotion messaging and signposting to take place

This includes digital health promotion regarding the initiation of PrEP

The screenshot shows the NHS online sexual health clinic registration page. At the top, there are navigation links: 'About SH.UK', 'Self-Sampling', 'STIs', 'Condoms', 'Help & Support', and a 'Sign In' button. The main heading is 'Your online sexual health clinic.' followed by the sub-heading 'Free NHS sexual health services online.' Below this is a section titled 'Check for services in your area. Simply enter your details below.' which contains three input fields: 'Age', 'Postcode', and 'Gender'. A blue button labeled 'Register to order' is positioned below these fields. At the bottom of the registration section, there is a link for 'Already Registered?' with a 'Sign In' button.

Are you taking PrEP (pre-exposure HIV prophylaxis)?

No  Yes

Who do you have sex with?

Men  Women  Men & Women  Trans / Non-Binary / Mixed

Have you recently had sex with someone you know has a sexually transmitted infection (STI), excluding HIV?

No  Yes

Have you recently had condomless vaginal or anal sex with anyone who is HIV positive (and they do not have undetectable levels of virus in their blood)?

No  No, But I am likely to in the near future

Yes, Within the last 72 hours  Yes, But more than 72 hours ago

Have you had condomless anal sex recently?

No  No, But I am likely to in the near future

Yes, Within the last 72 hours  Yes, But more than 72 hours ago

In the last 12 months have you received treatment for a STI in your rectum/bottom (eg gonorrhoea, LGV) or been diagnosed/infected with Hepatitis C?

No  Yes

Do you inject drugs, or have sex with a partner(s) who injects drugs?

No  Yes

Do you engage in sex parties, fisting, group sex or anonymous sex?

No  Yes

Have you completed treatment for syphilis?

No / Not Sure  Yes, Within the last year  Yes, Over a year ago

# Methods

Retrospective analysis of **769,385** OPSS online STI consultation and triages through the SH.UK web portal (non-London\*) between **July 1<sup>st</sup> 2021** and **October 31<sup>st</sup> 2023**

## Analysis of orders:

- Number and proportion of triages and users signposted for PrEP.
- The self-identified sexual orientation of the users
- Ethnicity of these users
- Age range of these users

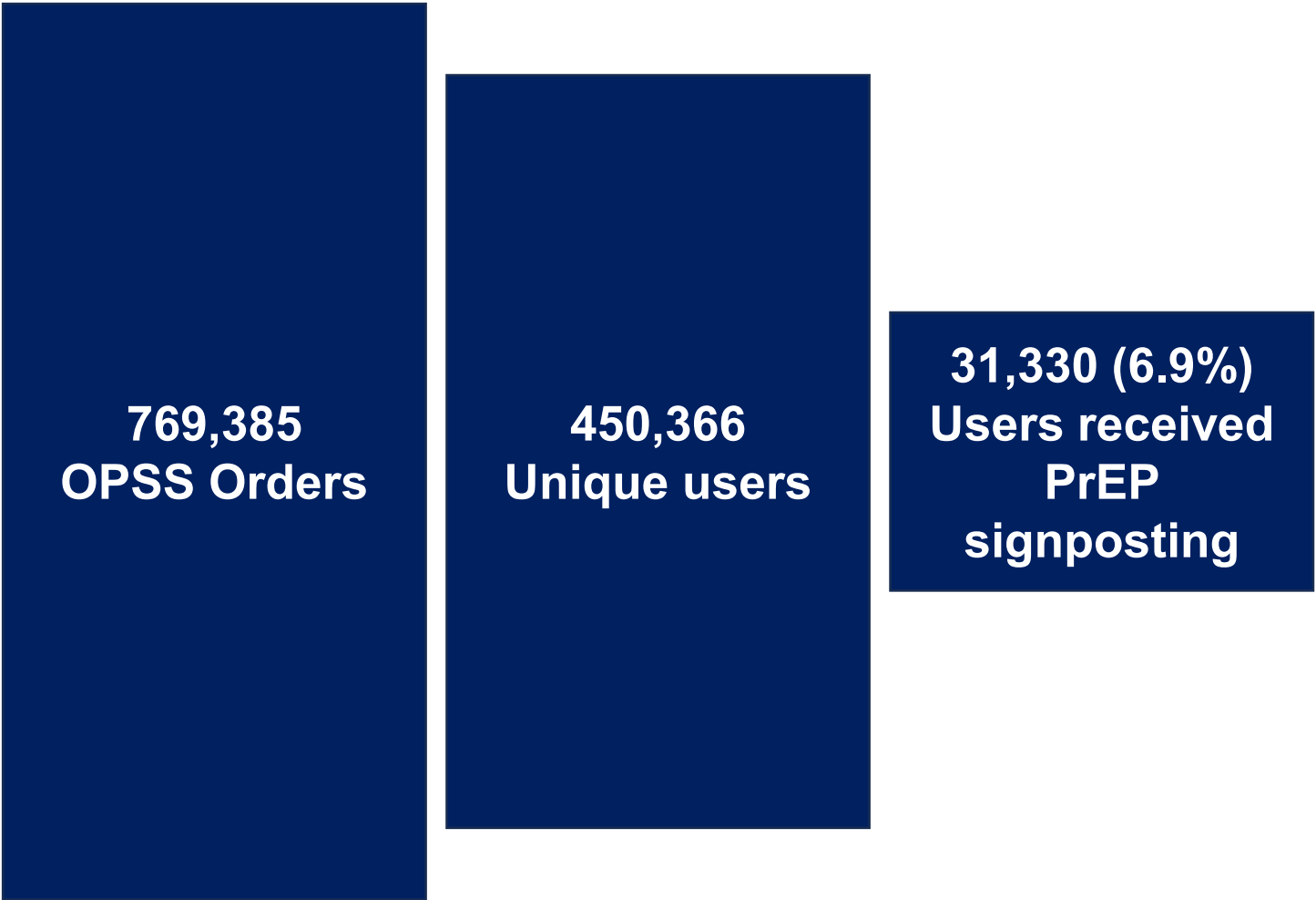
## Further analysis on subsequent ordering:

- Number of proportion of those who were signposted for PrEP who initiated
- Age range of those who initiated PrEP
- Gender and sexuality of those who initiated PrEP
- Ethnicity of those who initiated PrEP
- IMD (Index of Multiple Deprivation) Decile of those who initiated PrEP

### Areas included in the Analysis

Barnsley	Wokingham
Bath & North East Somerset	North Yorkshire
Bedford	Peterborough
Buckinghamshire	Knowsley
Cambridgeshire	Sandwell
Coventry	Scotland
Doncaster	Sefton
East Sussex	Sheffield
Gloucestershire	Shropshire
Herefordshire	Somerset
Hull	Nottinghamshire
East Riding of Yorkshire	St Helens
Kent	Suffolk
Leeds	Swindon
Reading	Wakefield
Luton	Walsall
Medway	Warwickshire
West Berkshire	Wigan and Leigh
Milton Keynes	Wiltshire
Newcastle	Wolverhampton
Norfolk	York

# Results: Total number receiving PrEP signposting



# Results: Gender and Sexuality



## GBMSM

**10,652 (28.5%)**  
**GBMSM** who had **recently engaged in condomless sex** were signposted to PrEP

**28.5%**

## Trans

**395 (26.7%)**  
**Trans** people were signposted to PrEP

**26.7%**

## MSW and WSM

**17,237 (4.5%)**  
**MSW and WSM** were signposted to PrEP

**4.5%**

Gender and sexuality	Number (no PrEP signposting)	Number (PrEP signposting)	Proportion (PrEP signposting)
Women who has sex with men and women	16366	1650	9.2%
Women who has sex with women	5418	212	3.8%
Women who has sex with men	243744	9062	3.6%
Woman who has sex with undetermined	837	107	11.3%
Men who have sex with men and women	7592	2900	27.6%
Men who have sex with men	19080	7752	28.9%
Men who have sex with women	121130	8175	6.3%
Cis Male Undetermined	889	361	28.9%
Trans-Woman who has sex with men	1	1	50.0%
Trans-Women who has sex with underdetermined	492	258	34.4%
Trans-Men who has sex with men and women	2		0.0%
Trans-Men who has sex with men	1	1	50.0%
Trans-man who has sex with undetermined	589	135	18.6%

# Results: Ethnicity

## Black African and Black Caribbean

7.8%

1955 (7.8%) of **Black African and Caribbean people** were signposted to PrEP

## Racially Minoritised Ethnicities

8.8%

8515 (8.8%) of people from **Racially Minoritised Ethnicities** were signposted to PrEP

## White British

6.4%

22,815 (6.4%) of **White British** people were signposted to PrEP

Ethnicity	Number (no PrEP signposting)	Number (PrEP signposting)	Proportion (PrEP signposting)
African	15489	1289	7.7%
Bangladeshi	896	87	8.9%
Caribbean	7696	666	8.0%
Chinese	2100	227	9.8%
Indian	5629	567	9.2%
Latin American	775	105	11.9%
Not Stated	83	20	19.4%
Other Asian Background	3579	454	11.3%
Other Black Background	1240	129	9.4%
Other Ethnic Group	2701	273	9.2%
Other Mixed Background	4418	473	9.7%
Other White Background	21854	2434	10.0%
Pakistani	2389	277	10.4%
White and Asian	4099	316	7.2%
White and Black African	3073	250	7.5%
White and Black Caribbean	9799	745	7.1%
White British	330928	22815	6.4%
White Irish	2288	203	8.1%

# Results: Total number receiving PrEP signposting, who returned a subsequent test who initiated PrEP



**31,330 (6.9%)  
Received PrEP  
Signposting**

**14,719 (47.0%)  
Ordered another  
OPSS kit**

**8381 (56.9%)  
Received further  
PrEP  
signposting**

**1098  
(7.5%) Initiated  
PrEP**

**1022  
(93.1%) who  
Initiated PrEP  
were GBMSM**

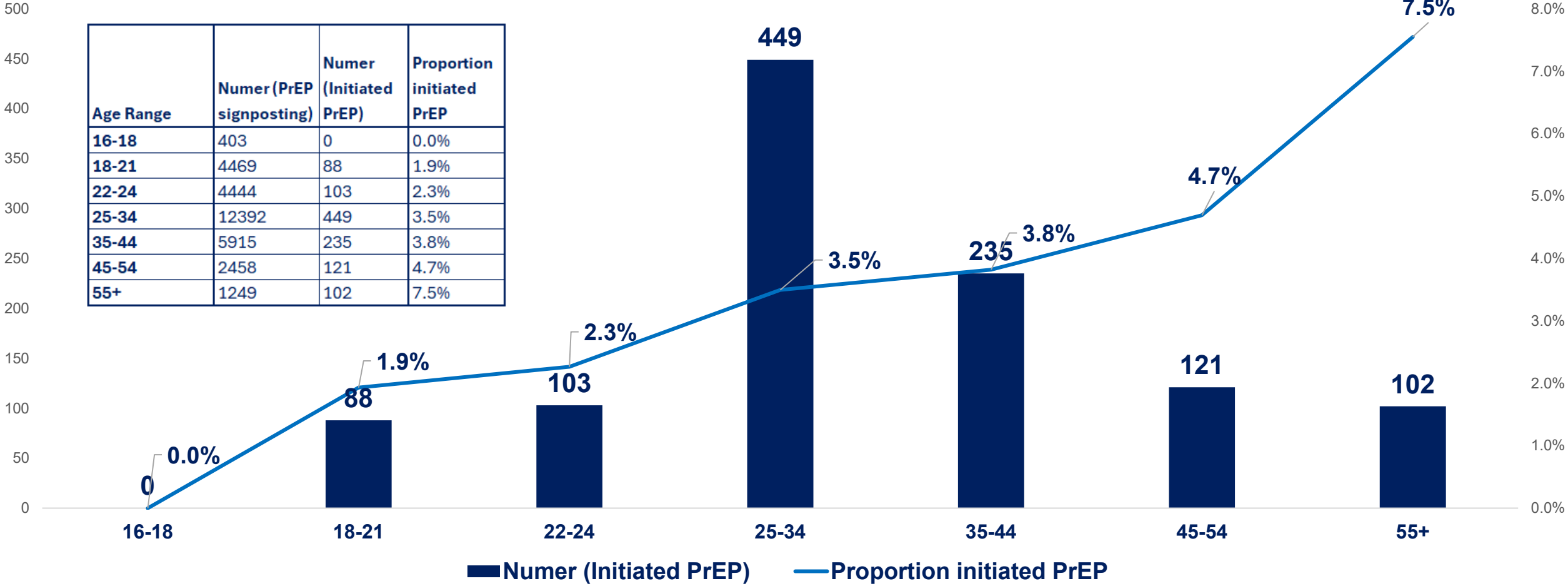
**9630 (90.4%)  
GBMSM had  
not initiated  
PrEP after a  
subsequent  
OPSS**



# Results: Those who initiated PrEP



There is a linear trend between increasing age and the likelihood of initiating PrEP



# Results: Those who initiated PrEP (White British removed)

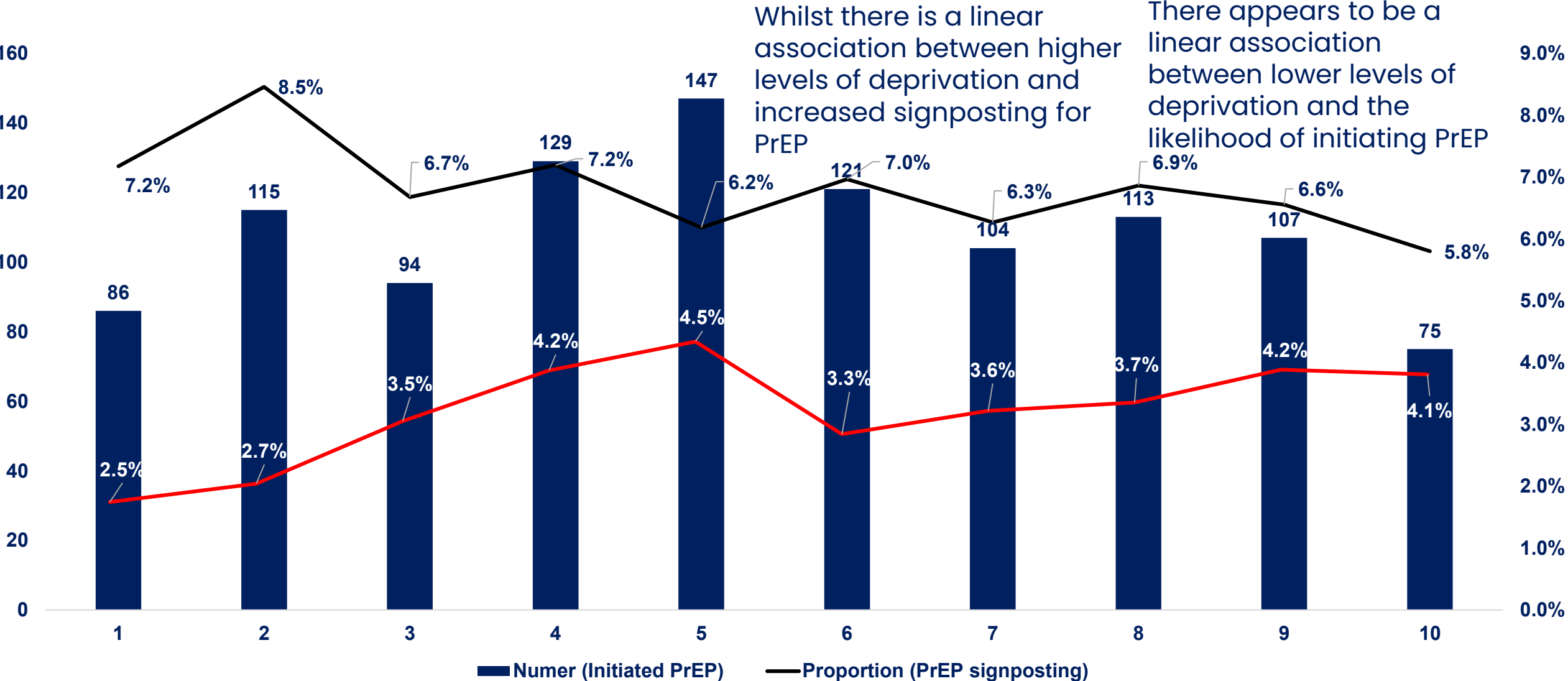


<b>Latin American</b> 9.5% (of those signposted)	11 Latin American people-initiated PrEP
<b>Other Asian Background</b> 8.8%	44 people from <b>Other Asian Backgrounds</b> initiated PrEP
<b>White British</b> 3.2%	762 <b>White British</b> people initiated PrEP

**336 People** from **Racially Minoritised Ethnicities** initiated PrEP

This is **30.6%** of all **PrEP Initiators**

# Results: Those who initiated PreP. IMD Decile



# Conclusion

- The data supports that an end-to-end digital PrEP pathway **could increase access to PrEP** for populations who face barriers to accessing face-to-face services (and are currently less likely to initiate PrEP and/or more likely to engage with services online)
- In June, Preventx are launching a fully digital end-to-end PrEP service in East Sussex
- Clear rationale for varied ecosystem of PrEP provision: clinics, services and more

The screenshot displays the SH.UK NHS website interface. At the top, there are navigation links for 'About SH.UK', 'Self-Sampling', 'STIs', 'PrEP', 'Condoms', 'Blog', and 'Help & Support'. The main content area is divided into two sections. On the left, a user profile is shown with a pink 'RP' icon and the text 'User ID: SH2063741'. Below this is a 'User Profile' section with an 'Update' button, containing fields for Gender (Female), DoB (01/01/2005, age 19), Address (King Street, Leeds, West Yorkshire, PX11PX), Service Area (Preventx Internal LA), and Mobile (07488855326). On the right, the 'East Sussex Sexual Health' section features the Prepster logo and a description: 'This service provides STI testing, PrEP and treatment as per the pathways for the PHE framework.' Below this are three service cards: 'PrEP Service' with 'Check eligibility' and 'More information' buttons; 'Sexual Health Testing' with a 'Get Tested' button; and 'Condom Service' with an 'Order condoms' button. At the bottom, a footer states: 'SH.UK is a free online sexual health service, offering STI testing, treatment and contraception across the UK. To use our service, simply register and complete an online consultation.' It also includes links for 'FAQs', 'About us', 'Contact us', and social media icons for Twitter and Facebook. The bottom-most footer contains 'Secure | Terms, Conditions & Privacy | Cookie Policy' and 'Copyright © 2024 Preventx Limited'.

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# Questions

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