

Supplementary Table 2. Factors associated with reporting STI prophylaxis use among HIV PrEP Users from 2019 PrEP User Survey (N=1,856)									
					Reporting STI prophylaxis use (N=167)				
					Univariable analyses			Multivariable analyses	
Variable	Values	Total	n	%	Unadjusted Odds Ratio (OR) (95% CI)	P value	Adjusted OR	P value	
DEMOGRAPHICS									
Gender identity	<i>Man (incl. trans man)</i>		1,824	165	9.1	1.00			
	<i>Other gender</i>		29	1	3.5	0.36 (0.48 - 2.64)	0.314		
Sexual Orientation*	<i>Gay man</i>	No	134	15	11	1.00			
		Yes	1,722	152	8.9	0.77 (0.44 - 1.35)	0.367		
	<i>Bisexual</i>	No	1,732	152	8.8	1.00			
		Yes	124	15	12	1.42 (0.81 - 2.50)	0.221		
Ethnicity°	<i>White</i>		1,581	141	9.0	1.00			
	<i>BAME (Black, Asian and Minority Ethnic groups) /Other ethnic group</i>		260	26	10	1.13 (0.73 - 1.76)	0.576		
Age°	<i>16 - 34</i>		703	52	7.4	1.00			
	<i>35-44</i>		582	61	11	1.47 (1.00 - 2.17)	0.050		

	≥45		567	54	9.6	1.33 (0.89 - 1.98)	0.159		
Residence^o	<i>London</i>		892	91	10	1.00			
	<i>Midlands & East of England</i>		207	16	7.7	0.73 (0.42 - 1.28)	0.275		
	<i>North of England</i>		301	22	7.4	0.70 (0.43 - 1.14)	0.152		
	<i>South of England</i>		333	31	9.3	0.90 (0.59 - 1.39)	0.641		
	<i>Scotland, Wales, Northern Ireland</i>		116	7	6.0	0.56 (0.25 - 1.25)	0.157		
Recruitment to survey	<i>Mailing list/email</i>		986	101	10	1.54 (1.00 - 2.36)	0.050		
	<i>Grindr</i>		417	29	7.0	1.00			
	<i>Social media</i>		331	25	7.6	1.09 (0.63 - 1.90)	0.760		
	<i>Other</i>		105	11	11	1.56 (0.75 - 3.24)	0.231		
PrEP USE									
Last sourced PrEP from‡	<i>Trial/programme</i>		1,120	97	8.7	1.00			
	<i>Privately / Other</i>		731	70	9.7	1.12 (0.81 - 1.55)	0.475		
Ever shared or sold PrEP intended for yourself or bought by yourself	<i>No</i>		1,555	123	8.0	1.00			
	<i>Yes</i>		298	44	15	2.01 (1.39 - 2.92)	<0.001		
Dosing	<i>Daily</i>		1,383	125	9.1	1.00			

	<i>Other, including event based, 4-6 times a week, intermittently, one-off(s)</i>		473	42	8.9	0.98 (0.68 - 1.41)	0.916		
SEXUAL BEHAVIOUR									
Number of condomless vaginal and/or anal sex partners in past 6 months	<i>0</i>		92	7	7.6	1.4 (0.61 - 3.22)	0.429	1.43 (0.58 - 3.50)	0.434
	<i>1-4</i>		721	40	5.6	1.00		1.00	
	<i>≥5</i>		1,040	120	12	2.23 (1.54 - 3.24)	<0.001	1.80 (1.22 - 2.64)	0.003
Transactional sex in past 6 months	<i>Yes</i>		102	12	12	1.36 (0.73 - 2.54)	0.333		
	<i>No</i>		1,746	155	8.9	1.00			
Drug use just before or during sex in past 12 months / Chemsex (4-chems)†	<i>No drug use just before or during sex</i>		671	40	6.0	1.00		1.00	
	<i>Yes incl. 1 or more of 4 chemsex drugs</i>		419	55	13	2.38 (1.55 - 3.64)	<0.001	1.88 (1.20 - 2.93)	0.006
	<i>Yes - but none of 4 chemsex drugs</i>		739	70	9.6	1.66 (1.11 - 2.49)	0.014	1.44 (0.95 - 2.18)	0.082
Injecting drug use just before or during sex in past 12 months°	<i>No drug use just before or during sex</i>		671	40	6.0	1.00			
	<i>Injecting drug use</i>		80	15	19	3.63 (1.90 - 6.92)	<0.001		
	<i>Drug use but no injecting</i>		1,072	106	10	1.79 (1.23 - 2.61)	0.002		
SEXUAL HEALTH									
Visited sexual health clinic in last 12 months	<i>Yes</i>		1,758	156	8.9	0.77 (0.40 - 1.48)	0.439		
	<i>No</i>		98	11	11	1.00			

Number of HIV tests in the last 12 months^o	<i>0</i>		41	7	17	1.00			
	<i>1-2</i>		378	24	6.4	0.33 (0.13 - 0.82)	0.017		
	<i>≥3</i>		1,421	135	9.5	0.73 (0.09 - 6.02)	0.774		
Setting of last HIV test	<i>Sexual health clinic</i>		1,605	143	9.0	1.00			
	<i>Self-sampling / self-testing service / GP / Other</i>		243	22	9.1	1.02 (0.64 - 1.63)	0.942		
Number of STI tests (excluding HIV) in last 12 months	<i>0</i>		243	19	7.9	1.00			
	<i>1-2</i>		412	38	9.2	1.23 (0.62 - 2.45)	0.548		
	<i>≥3</i>		1,191	109	9.2	1.18 (0.71 - 1.97)	0.516		
Setting of last STI test	<i>Sexual health clinic</i>		1,660	148	9.0	1.00			
	<i>Self-sampling / self-testing service / GP / Other</i>		178	18	10	1.14 (0.68 - 1.91)	0.611		
STI diagnosis in last 12 months	<i>Yes</i>		911	105	12	1.86 (1.33 - 2.58)	<0.001	1.54 (1.08 - 2.18)	0.016
	<i>No</i>		935	61	6.6	1.00		1.00	
STI(s) diagnosed in last 12 months*	<i>Gonorrhoea</i>	<i>Yes</i>	596	60	10	1.20 (0.86 - 1.67)	0.280		
		<i>No</i>	1,260	107	8.5	1.00			
	<i>Chlamydia</i>	<i>Yes</i>	555	69	12	1.73 (1.25 - 2.40)	0.001		

		No	1,301	98	7.6	1.00			
	<i>Syphilis</i>	Yes	153	19	12	1.48 (0.89 - 2.47)	0.130		
		No	1,703	148	8.7	1.00			
	<i>Other</i>	Yes	58	8	14	1.64 (0.76 - 3.52)	0.204		
		No	1,798	159	8.9	1.00			
Satisfied with sex life	<i>Strongly Agree / Agree</i>		1,276	120	9.5	1.00			
	<i>Neither disagree or agree</i>		354	22	6.2	0.63 (0.40 - 1.01)	0.058		
	<i>Strongly Disagree / Disagree</i>		226	25	11	1.19 (0.75 - 1.88)	0.455		
*For this question, respondents could pick multiple answers									
° Ethnicity, age, residence and number of HIV tests in the last 12 months were included in multivariable analysis but not entered into final model as they were not statistically significantly associated with outcome using the likelihood-ratio test. Injecting drug use was not entered into final model due to collinearity with chemsex.									
†Chemsex: Defined as reported using one or more of the following four drugs just before or during sex: crystal methamphetamine, gamma-hydroxybutyrate / gamma-butyrolactone (GHB/GBL), mephedrone, ketamine									
‡ PrEP Sourcing: Trial = PrEP users who last sourced their PrEP either through the Impact trial in England, another trial, or a sexual health clinic in Scotland, Wales or Northern Ireland. Private/Other=PrEP users who last sourced PrEP either through online purchase, buying privately from a clinic, through a friend/re-seller, using PEP as PrEP or obtaining while travelling abroad									

Data completeness: STI prophylaxis: 99.6% (1,848/1,856), Gender: 99.8% (1,853/1,856), Sexual Orientation: 100% (1,856/1,856), Ethnicity: 99.2% (1,841/1,856), Age: 99.8% (1,852/1,856), Residence: 99.6% (1,849/1,856), Recruitment: 99.1% (1,839/1,856), Last PrEP sourced from: 99.7% (1,851/1,856), Ever shared/ sold PrEP intended/ bought by yourself: 99.8% (1,853/1,856), Dosing: 100% (1,856/1,856), Number of condomless anal/vaginal sex partners in past 6 months: 99.8% (1,853/1,856), Transactional sex: 99.6% (1,848/1,856), Used drugs just before or during sex in past 12 months (4 chemsex drugs): 98.5% (1,829/1,856), Injected drugs just before or during sex in past 12 months: 98.2% (1,823/1,856), Visited sexual health clinic in last year: 100% (1,856/1,856), Number of HIV tests in the last 12 months: 99.1% (1,840/1,856), Setting of last HIV test: 99.6% (1,848/1,856), Number of STI tests (excluding HIV) in last 12 months: 99.7% (1,846/1,856), Setting of last STI test: 99.0% (1,838/1,856), STI diagnosis in last 12 months: 99.5% (1,846/1,856), STIs diagnosed in last 12 months: 99.8% (909/911), Satisfied with sex life: 100% (1,856/1,856)