

Online supplement 1. Reporting finding partners online in the past year in relation to sexual behaviour and risk perception, for men and women reporting one or more sexual partners, ever

Men reporting one or more sexual partners, ever (n=5698)

Women reporting one or more sexual partners, ever (n=8198)

	Prevalence %(95%CI*)	Crude OR ¹ (95% CI ⁴)	Adjusted OR ^{1,2} (95%CI ⁴)	Denominator ⁵	Prevalence %(95%CI ⁴)	Crude OR ¹ (95% CI ⁴)	Adjusted OR ^{1,2} (95%CI ⁴)	Denominator ⁵	
Sexual risk behaviour									
No. of sexual partners, past year			p<0.0001				p<0.0001		
1	1.8 (1.5-2.3)	0.45 (0.29-0.71)	0.42 (0.26-0.67)	3596, 4855	1.1 (0.9-1.4)	0.67 (0.42-1.09)	0.73 (0.40-1.33)	5470, 5041	
2	11.3 (8.6-14.8)	3.1 (1.90-5.07)	2.73 (1.57-4.76)	543, 517	6.7 (4.5-9.9)	4.16 (2.34-7.37)	4.75 (2.18-10.38)	574, 366	
3-4	21.6 (17.2-26.7)	6.68 (4.09-10.90)	5.83 (3.31-10.27)	414, 364	14.2 (10.5-19.0)	9.64 (5.65-16.46)	11.25 (5.06-24.99)	413, 230	
5+	34.5 (28.3-41.3)	12.78 (7.88-20.75)	11.19 (6.36-19.67)	306, 265	20.3 (14.2-28.1)	14.77 (8.17-26.69)	17.44 (7.32-41.52)	229, 137	
Same sex partner, past year			p<0.0001				p<0.0001		
No	4.3 (3.8-4.9)	1.00	1.00	5537, 6795	2.2 (1.9-2.5)	1.00	1.00	7980, 6999	
Yes	41.9 (33.2-51.2)	15.94 (10.72-23.71)	15.58 (10.36-23.44)	161, 161	11.7 (7.3-18.2)	5.98 (3.50-10.20)	5.06 (2.93-8.73)	216, 160	
Condomless sex with ≥2 partners, past year			p<0.0001				p<0.0001		
No	4.22 (3.7-4.8)	1.00	1.00	5260, 6474	1.9 (1.6-2.2)	1.00	1.00	7634, 6776	
Yes	19.2 (14.9-24.4)	5.4 (3.87-7.53)	5.24 (3.71-7.39)	382, 408	12.6 (9.4-16.9)	7.58 (5.23-10.98)	6.36 (4.25-9.53)	483, 299	
Condomless sex on 1st occasion with most recent partner			p=0.9820				p=0.6318		
No	4.1 (3.4-4.9)	1.00	1.00	2441, 3311	2.0 (1.6-2.5)	1.00	1.00	3394, 3206	
Yes	4.1 (3.4-5.0)	1 (0.75-1.34)	1.29 (0.96-1.74)	2317, 2710	1.8 (1.4-2.4)	0.92 (0.66-1.29)	1.11 (0.78-1.60)	3741, 3103	
Concurrent partners, past year			p<0.0001				p<0.0001		
No	3.2 (2.7-3.8)	1.00	1.00	4005, 5194	1.7 (1.4-2.1)	1.00	1.00	5841, 5255	
Yes	23.9 (19.4-28.9)	9.51 (6.93-13.05)	8.63 (6.18-12.06)	460, 452	13.6 (9.9-18.5)	9.01 (5.99-13.54)	8.84 (5.63-13.89)	417, 249	
≥2 partners, unknown if overlapping	12.5 (9.4-16.5)	4.34 (3.01-6.26)	3.9 (2.65-5.73)	436, 406	6.9 (4.4-10.6)	4.22 (2.55-7.01)	4.17 (2.46-7.07)	477, 315	

Taken drugs to assist sexual performance			p<0.0001	p<0.0001			p=0.0013	p=0.0059	
		4.2 (3.7-4.7)	1.00	1.00	4890, 5972	2.3 (2.0-2.7)	1.00	1.00	7894, 6926
	No	12.5 (10.1-15.4)	3.29 (2.49-4.35)	4.05 (3.05-5.38)	723, 883	5.9 (3.4-9.9)	2.61 (1.46-4.69)	2.27 (1.27-4.07)	198, 138
Paid money for sex, past year⁶	Yes		p<0.0001	p<0.0001			-	-	
		4.9 (4.4-5.5)	1.00	1.00	5608, 6855	-	-	-	-
	No	31.3 (20.2-45.3)	8.87 (4.80-16.39)	9.4 (5.02-17.59)	71, 81	-	-	-	-
	Yes								
Risk perception			p<0.001	p<0.0001			p<0.0001	p<0.0001	
HIV/AIDS risk: to self		2.9 (2.4-3.4)	1.00	1.00	4013, 5242	1.4 (1.2-1.7)	1.00	1.00	6499, 5906
	Not at all at risk	11.8 (10.0-13.8)	4.52 (3.50-5.84)	3.15 (2.38-4.18) ³	1480, 1519	6.8 (5.5-8.4)	5.12 (3.79-6.92)	4.62 (3.37-6.34)	1495, 1092
	Not very much	18.6 (13.1-25.8)	7.75 (4.97-12.08)	4.7 (2.99-7.39) ³	169, 153	9.8 (5.4-17.2)	7.6 (3.92-14.72)	6.96 (3.61-13.45)	158, 124
	Greatly/quite a lot at risk		p<0.001	p<0.0001			p<0.0001	p<0.0001	
Other STI risk: to self		2.5 (2.1-3.0)	1.00	1.00	3821, 5084	1.4 (1.1-1.7)	1.00	1.00	6276, 5794
	Not at all at risk	10.4 (8.9-12.2)	4.57 (3.49-5.99)	3.4 (2.53-4.58) ³	1544, 1567	6.1 (4.8-7.6)	4.67 (3.42-6.36)	4.3 (3.09-5.99)	1624, 1149
	Not very much	24.5 (19.0-30.9)	12.72 (8.71-18.57)	8.31 (5.54-12.46) ³	300, 266	11.4 (8.0-16.1)	9.33 (6.00-14.49)	8.52 (5.43-13.37)	256, 180
	Greatly/quite a lot at risk		p<0.0001	p<0.0001			p<0.0001	p<0.0001	

Notes for Online Supplement 1

¹ OR= Odds Ratio

² Adjusted for Age

³ Adjusted for reporting a same sex partner in the past year

⁴ CI= Confidence Interval

⁵ Unweighted, weighted

⁶ Outcome reported for Men only

Online supplement 2. Reporting of sexual health outcomes and health seeking behaviours in relation to finding partners online in the past year, for men and women reporting one or more sexual partners, ever

	Men reporting one or more sexual partners, ever (n=5698)			Women reporting one or more sexual partners, ever (n=8198)		
	Did not use the internet to find sex partners	Reported using the internet to find sexual partners	p-value	Did not use the internet to find sex partners	Reported using the internet to find sexual partners	p-value
Health Seeking Behaviour						
Attended sexual health clinic, past year						
Reported Prevalence % (95% CI ¹)	17.8 (15.8-20.1)	39 (31.3-47.2)		21.2 (19.30-23.10)	41 (29.4-53.8)	
OR ² (95% CI ¹)	1.00	2.94 (2.03-4.27)	p<0.0001	1.00	2.59 (1.53-4.38)	0.0004
Age-Adjusted OR (95% CI ¹)	-	3.48 (2.27-5.33)	p<0.0001	-	4.14 (2.06-8.33)	0.0001
AOR ^{2,3} (95%CI ¹)	-	1.66 (1.03-2.68) ⁴	0.0378	-	2.25 (1.08-4.69)	0.0312
Denominators ⁵	1233, 1312	177, 150		2198, 1522	107, 74	
HIV test, past year						
Reported Prevalence % (95% CI ¹)	3.0 (2.5-3.6)	15.0		5.3 (4.8-5.8)	13.7 (9.2-19.8)	
OR ² (95% CI ¹)	1.00	5.7 (3.98-8.18)	p<0.0001	1.00	2.83 (1.79-4.47)	p<0.0001
Age-Adjusted OR (95% CI ¹)	-	4.58 (3.17-6.61)	p<0.0001	-	2.27 (1.38-3.76)	0.0014
AOR ^{2,3} (95%CI ¹)	-	2.26 (1.44-3.57) ⁴	0.0005	-	1.82 (1.09-3.03)	0.0229
Denominators ⁵	5058, 6303	372, 341		7492, 6601	234, 160	
Chlamydia test, past year (16-44 year olds)						
Reported Prevalence % (95% CI ¹)	14.8 (13.6-16.0)	32.3% (26.6-38.7)		25.3 (24.0-26.7)	47% (38.2-55.9)	
OR ² (95% CI ¹)	1.00	2.75 (2.06-3.67)	p<0.0001	1.00	2.61 (1.82-3.75)	p<0.0001
Age-Adjusted OR (95% CI ¹)	-	2.84 (2.03-3.97)	p<0.0001	-	3.19 (1.98-5.13)	p<0.0001
AOR ^{2,3} (95%CI ¹)	-	1.62 (1.12-2.32) ⁴	p=0.0095	-	1.88 (1.14-3.10)	0.0139
Denominators ⁵	3295, 3417	306, 257		5092, 3562	188, 116	
Sexual Health Outcomes						
STI⁶ diagnosis, past year						
Reported Prevalence % (95% CI ¹)	0.8 (0.6-1.0)	4.1 (2.6-6.6)		0.9 (0.7-1.1)	1.6 (0.6-4.2)	
OR ² (95% CI ¹)	1.00	5.6 (3.10-10.11)	p<0.0001	1.00	1.82 (0.65-5.07)	0.253

Age-Adjusted OR (95% CI ¹)	-	4.16 (2.30-7.51)	p<0.0001	-	1.44 (0.51-4.10)	0.4948
AOR ^{2,3} (95%CI ¹)	-	1.68 (0.71-3.97) ⁴	0.234	-	0.68 (0.22-2.12)	0.5091
Denominators ⁵	5208, 6461	378, 351		7824, 6870	244, 167	

Emergency contraception use with a partner, last year

Reported Prevalence % (95% CI ¹)	2.1 (1.8-2.5)	6.7 (4.5-9.7)		1.6 (1.4-1.9)	7.5 (4.3-12.8)	
OR ² (95% CI ¹)	1.00	3.34 (2.16-5.14)	p<0.0001	1.00	4.94 (2.75-8.87)	p<0.0001
Age-Adjusted OR (95% CI ¹)	-	2.51 (1.63-3.86)	p<0.0001	-	4.2 (2.22-7.98)	p<0.0001
AOR ^{2,3} (95%CI ¹)	-	1.44 (0.92-2.25)	0.1119	-	2.14 (1.13-4.05)	0.0194
Denominators ⁵	5175, 6451	356, 329		7795, 6870	243, 167	

Notes for Online Supplement 2

¹CI= Confidence Interval

² OR= Odds Ratio

³ Adjusted for age, partner number

⁴ Additionally adjusted for reporting a same-sex partner in the past year

⁵ Unweighted, weighted

⁶ STI = Sexually Transmitted Infection