

Multimedia Appendix 2. Prevalence of looking for potential partners on websites or smartphone apps and prevalence of having sex with these partners among females.

| Characteristic | | Searched for potential partner- ever | Searched for potential partner- last year | Met in person - last year | Had sex- last year |
|--------------------------------------|-----------------------------------|--------------------------------------|---|---------------------------|-------------------------|
| | | % ^a (95% CI) | % ^a (95% CI) | % ^a (95% CI) | % ^a (95% CI) |
| All participants ^b | | | | | |
| Age group (years) | | | | | |
| | 16-29 | 11.02 (8.56-14.09) | 5.81 (4.23-7.93) | 3.25 (2.41-4.37) | 2.06 (1.43-2.96) |
| | 30-39 | 13.50 (10.90-16.61) | 3.75 (2.79-5.02) | 2.51 (1.72-3.65) | 1.61 (0.99-2.60) |
| | 40-49 | 11.16 (9.01-13.74) | 3.39 (2.41-4.76) | 1.74 (1.11-2.73) | 1.18 (0.64-2.15) |
| | 50-59 | 9.37 (7.46-11.71) | 2.30 (1.42-3.71) | 1.81 (0.99-3.28) | 0.84 (0.30-2.36) |
| | 60-69 | 6.37 (4.72-8.55) | 1.75 (1.12-2.73) | 0.92 (0.44-1.92) | 0.38 (0.08-1.76) |
| Sexual identity | | | | | |
| | Heterosexual | 9.88 (8.76-11.13) | 3.33 (2.74-4.03) | 1.99(1.61-2.45) | 1.21 (0.91-.161) |
| | Homosexual or lesbian or bisexual | 29.93 (24.11-36.48) | 13.43 (9.61-8.46) | 8.14 (5.30-12.32) | 4.77 (2.71-8.25) |
| Language spoken at home | | | | | |
| | English only | 10.73 (9.61-11.98) | 3.67 (3.10-4.35) | 2.27 (1.87-2.75) | 1.37 (1.06-1.78) |
| | Other | 8.48 (3.71-18.24) | 4.89 (1.44-15.32) | 1.42 (0.53-3.37) | 0.72 (0.15-3.30) |
| Annual household income | | | | | |
| | Very low or low | 11.28 (9.18-11.78) | 5.5 (4.13-7.29) | 3.79 (2.62-5.45) | 2.58 (1.63-4.05) |
| | Middle | 8.52 (6.41-11.24) | 2.46 (1.66-3.63) | 1.37 (0.82-2.27) | 0.52 (0.23-1.20) |
| | High | 7.43 (5.35-10.22) | 1.62 (0.69-3.74) | 0.66 (0.33-1.31) | 0.44 (0.19-1.01) |
| | Very high | 10.24 (7.46-13.91) | 1.58 (0.89-2.78) | 1.00 (0.59-1.72) | 0.49 (0.19-1.02) |
| Area of residence^c | | | | | |
| | Urban | 11.62 (10.18-13.22) | 4.11 (3.33-5.06) | 2.59 (2.07-3.23) | 1.48 (1.08-2.03) |
| | Regional or remote | 8.51 (6.94-10.40) | 2.88 (2.15-3.86) | 1.42 (1.00-2.00) | 1.02 (0.68-1.51) |
| High alcohol consumption | | | | | |
| | No | 11.23 (9.83-12.79) | 3.81 (3.07-4.72) | 2.15 (1.68-2.75) | 1.22 (0.87-1.73) |
| | Yes | 9.57 (7.84-11.62) | 3.55 (2.67-4.72) | 2.36 (1.74-3.18) | 1.58 (1.07-2.31) |
| Injected drugs in last year | | | | | |
| | No | 10.47 (9.35-11.71) | 3.63 (3.04-4.34) | 2.20 (1.81-2.67) | 1.33 (1.02-1.73) |
| | Yes | 20.89(13.34-31.17) | 8.84 (5.14-14.79) | 3.89 (1.78-8.28) | 2.28 (0.82-6.19) |
| Smoking status | | | | | |

| | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| | Never smoked/ former | 10.18 (8.90- 11.62) | 3.45 (2.77-4.28) | 2.20 (1.76- 2.75) | 1.41 (1.05- 1.88) |
| | Current smoker | 12.76 (10.35- 15.64) | 5.12 (3.90-6.69) | 2.57 (1.73- 3.79) | 1.44 (0.87- 2.38) |
| STI^d testing in last year | | | | | |
| | No test | 8.07 (6.87-9.45) | 2.24 (1.66-3.01) | 1.32 (0.94- 1.85) | 0.89 (0.58- 1.35) |
| | STI test | 18.45 (14.06- 23.82) | 7.84 (5.45-11.16) | 5.36 (3.86- 7.40) | 4.34 (3.02- 6.21) |
| | STI diagnosis | 25.86 (16.34- 38.37) | 19.04 (11.25- 30.39) | 15.26 (8.5- 25.88) | 9.84 (4.86- 18.89) |
| Condom use with most recent partner | | | | | |
| | Used condoms | 12.2 (0.92- 16.05) | 6.70 (4.83-9.22) | 4.83 (3.35- 6.93) | 3.60 (2.34- 5.48) |
| | Did not use | 18.31 (13.54- 24.29) | 8.23 (5.47-12.44) | 4.99 (3.45- 7.18) | 3.49 (2.32- 5.24) |
| Number of sexual partners in last year | | | | | |
| | 1 | 9.27 (8.15- 10.53) | 2.36 (1.83-3.05) | 1.05(0.76- 1.44) | 0.37 (0.18- 0.74) |
| | 2-3 | 31.47 (26.21- 27.25) | 22.96 (18.41- 28.25) | 17.86 (13.81- 22.77) | 13.39 (9.94- 17.79) |
| | >3 | 33.93 (24.66- 44.61) | 31.14 (22.29- 41.60) | 28.82 (20.20- 39.32) | 26.30 (18.2- 36.69) |

^aAll proportions have been weighted to match the Australian population.

^b n=9637 (4294), weighted (unweighted) denominators.

^cAccessibility/Remoteness Index of Australia.

^dSTI: sexually transmissible infection.