



Supporting Information

Supplementary tables

This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.

Appendix to: Callander D, Cook T, Read T, et al. Sexually transmissible infections among transgender men and women attending Australian sexual health clinics. *Med J Aust* 2019; doi: 10.5694/mja2.50322.

Table 1. First-test positivity or diagnosis rates for sexually transmitted infections and first-visit clinical prevalence of HIV-positivity* among patients who attended 46 Australian sexual health clinics, 2010–2017, by transgender status, anatomic site, and sex (numbers and proportions with 95% confidence intervals)

Sexually transmitted infection	Transgender patients			Cisgender patients	
	Men	Women	Gender not recorded	Gay and bisexual men	Heterosexual men and women
Chlamydia (any site) [†]	14/233 6.0% (3.3–9.9%)	34/326 10% (7.3–14%)	11/303 3.6% (1.8–6.4%)	5462/71 414 7.6% (7.45–7.85%)	20 676/192 101 10.8% (10.6–10.9%)
Urogenital	6/230 3% (1–6%)	12/323 3.7% (1.9–6.4%)	9/303 3% (1–6%)	3310/50 867 6.51% (6.29–6.73%)	14 708/185 704 7.92% (7.80–8.05%)
Anorectal	4/226 2% (0.5–4%)	15/321 4.7% (2.6–7.6%)	6/303 2% (0.7–4%)	2591/50 665 5.11% (4.92–5.31%)	356/176 550 0.20% (0.18–0.22%)
Pharyngeal	1/229 0.4% (0–2%)	5/321 2% (0.5–4%)	2/302 0.7% (0.1–2%)	729/71 232 1.02% (0.95–1.10%)	317/183 681 0.17% (0.15–0.19%)
Gonorrhoea (any site) [†]	9/233 4% (2–7%)	28/326 8.6% (5.8–12%)	24/303 7.9% (5.1–12%)	6162/71 414 8.63% (8.42–8.83%)	4771/192 101 2.48% (2.42–2.55%)
Urogenital	3/230 1% (0.3–4%)	4/323 1% (0.3–3%)	5/303 2% (0.5–4%)	1533/50 867 3.01% (2.87–3.17%)	3195/185 704 1.72% (1.66–1.78%)
Anorectal	2/226 0.9% (0.1–3%)	15/321 4.7% (2.6–7.6%)	6/303 2% (0.7–4%)	2077/50 665 4.10% (3.92–4.28%)	220/176 550 0.12% (0.11–0.14%)
Pharyngeal	3/229 1% (0.3–3.8%)	15/321 4.7% (2.6–7.6%)	16/302 5.3% (3.1–8.5%)	3508/71 232 4.92% (4.76–5.08%)	721/183 681 0.39% (0.36–0.42%)
Infectious syphilis	1/210 0.5% (0–3%)	10/324 3.1% (1.5–5.6%)	1/85 1.2% (0–6%)	1186/48 347 2.45% (2.32–2.59%)	406/120 813 0.34% (0.30–0.37%)
HIV (existing)*	14 of 404 3.5% (1.9–5.8%)	28 of 492 5.7% (3.8–8.1%)	15 of 364 4.1% (2.3–6.7%)	5756 of 78 108 7.37% (7.19–7.56%)	3814 of 309 740 1.23% (1.19–1.28%)

* Proportion of patients with known human immunodeficiency virus (HIV) infection at their first visit. † Duplex testing for the two infections. People can be diagnosed with either infection at multiple sites, including other sites not separately listed here.

Table 2. First-test positivity or diagnosis rate of sexually transmitted infections and first-visit clinical prevalence of HIV among transgender men and women, cisgender gay and bisexual men, and cisgender heterosexual men and women attending Australian sexual health clinics, by 2-year period, 2010–2017

	Diagnosis/test			
	Chlamydia (any site)*	Gonorrhoea (any site)*	Infectious syphilis*	HIV (existing)†
Transgender men				
2010–2011	4/41 (10%)	3/41 (7%)	1/34 (3%)	4/106 (4%)
2012–2013	2/37 (5%)	0/37	0/27	6/67 (9%)
2014–2015	3/61 (5%)	1/61 (2%)	0/59	0/93
2016–2017	5/94 (5%)	5/94 (2%)	0/90	4/138 (3%)
<i>P</i> (trend)	0.39	1.0	0.07	0.25
Transgender women				
2010–2011	7/65 (11%)	2/65 (3%)	3/65 (5%)	10/146 (7%)
2012–2013	6/47 (13%)	2/47 (4%)	0/48	5/58 (9%)
2014–2015	6/62 (10%)	9/62 (15%)	1/63 (2%)	1/85 (1%)
2016–2017	15/152 (10%)	15/152 (10%)	6/148 (4%)	12/203 (6%)
<i>P</i> (trend)	0.06	0.011	0.80	0.48
Cisgender gay and bisexual men				
2010–2011	1000/17 885 (5.6%)	905/17 885 (5.1%)	228/12 009 (1.9%)	1679/20 231 (8.3%)
2012–2013	992/14 776 (6.7%)	1062/14 776 (7.2%)	256/9911 (2.6%)	1444/15 729 (9.2%)
2014–2015	1513/18 551 (8.2%)	1867/18 551 (10.1%)	336/12 925 (2.6%)	1319/19 769 (6.7%)
2016–2017	1957/20 202 (9.7%)	2328/20 202 (11.5%)	366/13 502 (2.7%)	1314/21 568 (6.1%)
<i>P</i> (trend)	< 0.001	< 0.001	< 0.001	< 0.001
Cisgender heterosexual men and women				
2010–2011	5676/52 583 (10.8%)	1110/52 583 (2.1%)	68/31 508 (0.2%)	1432/86 654 (1.6%)
2012–2013	5056/46 146 (11.0%)	1154/46 146 (2.5%)	82/28 396 (0.3%)	936/74 585 (1.2%)
2014–2015	5074/46 899 (10.8%)	1110/46 899 (2.4%)	95/30 160 (0.3%)	735/74 681 (1.0%)
2016–2017	4870/46 474 (10.5%)	1397/46 474 (3.0%)	161/30 749 (0.5%)	711/73 820 (1.0%)
<i>P</i> (trend)	0.09	< 0.001	< 0.001	< 0.001

* First-test positivity/diagnosis rate refers to testing at a patient's first visit to a participating clinic. †*Patients with known HIV infection at their first visit.