



Appendix 2

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

Appendix to: Reekie JM, Levy MH, Richards AH, et al. Trends in prevalence of HIV infection, hepatitis B and hepatitis C among Australian prisoners — 2004, 2007, 2010. *Med J Aust* 2014; 200: 277-280. doi: 10.5694/mja13.11062.

Table 2 Factors associated with testing positive for hepatitis B surface-antigen (HBsAg)

		N	HBsAg Prevalence	IRR	Univariate 95% CI	P-value	IRR	Multivariate 95% CI	P-value
Year	2004	440	3.0	1.00			1.00		
	2007	438	2.3	0.77	0.34-1.76	0.53	0.75	0.33-1.73	0.51
	2010	510	1.6	0.53	0.22-1.28	0.15	0.55	0.22-1.35	0.19
Sex	Male	1270	2.2	1.00					
	Female	118	2.5	1.15	0.35-3.79	0.81			
Age	<25	419	1.4	1.00					
	≥25	969	2.6	1.80	0.74-4.39	0.19			
Indigenous status	No	1072	1.8	1.00			1.00		
	Yes	316	3.8	2.14	1.04-4.41	0.03	3.40	1.50-7.67	0.003
Region of Birth	Australia	1161	1.8	1.00			1.00		
	Oceania	70	4.3	2.34	0.71-7.94	0.16	3.91	1.13-13.59	0.03
	Asia	61	9.8	5.43	2.19-13.47	<0.001	9.44	3.44-25.94	<0.001
	Other/unknown	96	1.0	0.58	0.08-4.28	0.58	1.00	0.13-7.74	0.99
Ever injected drugs	No	664	1.4	1.00			1.00		
	Yes	724	3.0	2.24	1.03-4.87	0.04	2.26	1.02-5.00	0.04
Sexual identity	Heterosexual	1346	2.2	1.00					
	Homosexual/bisexual/unsure	33	3.0	1.41	0.19-10.32	0.73			
	Missing	9	11.1	5.16	0.70-37.86	0.10			
Accessibility/Remoteness Index of Australia (ARIA)	Highly accessible	1115	2.3	1.00					
	Not highly accessible	215	1.9	0.43	0.28-2.29	0.67			
	Missing	58	1.7	0.75	0.10-5.45	0.76			

Tattoos	No	500	2.4	1.00		
	Yes	874	2.2	0.91	0.44-1.87	0.78
	Missing	14	0.0	-	-	-
Number of times in prison	First	505	1.4	1.00		
	2-4	555	2.7	1.95	0.80-4.78	0.14
	5-9	192	2.6	1.88	0.60-5.91	0.28
	>10	101	4.0	2.86	0.84-9.76	0.09
	Missing	35	0.0	-	-	-
State	NSW	596	3.0	1.00		
	Queensland	447	1.3	0.44	0.18-1.12	0.08
	Tasmania	76	2.6	0.87	0.20-3.76	0.85
	WA	269	1.9	0.62	0.23-1.66	0.33