

Table 5 Prevalence of *C trachomatis* infection and risk factors among male participants

	n	N	%	Univariable			Multivariable		
				OR	95% CI	p LR	OR	95% CI	p LR
Men	39	1999	2.0%						
Age group (years)						0.676			
15–19	7	399	1.8%	1.0	0.4–2.6				
20–24	13	765	1.7%	1.0					
25–29	19	835	2.3%	1.3	0.7–2.7				
AAD*						0.009			0.011
Very high urban (AAD 1)	16	448	3.6%	5.1	1.5–17.5		5.0	1.4–17.9	
Low/moderate/high urban (AAD 2–4)	20	1138	1.8%	2.4	0.7–8.3		2.2	0.7–7.6	
Rural (AAD 5)	3	413	0.7%	1.0			1.0		
Ethnicity						0.079			

	n	N	%	Univariable			Multivariable		
				OR	95% CI	p LR	OR	95% CI	p LR
Dutch	32	1821	1.8%	1.0					
Surinamese/Antillian	2	35	5.7%	3.4	0.8–14.7				
Turkish /Moroccan	3	33	9.1%	5.6	1.6–19.3				
Other	2	105	1.9%	1.0	0.2–4.4				
Education						0.012			0.006
Low	18	558	3.2%	3.7	1.5–9.4		4.3	1.6–11.2	
Intermediate	15	753	2.0%	2.2	0.9–5.8		2.6	1.0–6.8	
High	6	670	0.9%	1.0			1.0		
Painful urination						0.060			
Yes	4	71	5.6%	3.2	1.1–9.3				
No	35	1928	1.8%	1.0					
Frequent urination						0.016			0.052

	n	N	%	Univariable			Multivariable		
				OR	95% CI	p LR	OR	95% CI	p LR
Yes	6	102	5.9%	3.5	1.4–8.6		2.8	1.1–7.0	
No	33	1897	1.7%	1.0			1.0		
Urethral discharge						0.103			
Yes	2	26	7.7%	4.4	1.0–19.1				
No	37	1973	1.9%	1.0					
Age at first sex						0.006			
≤15	16	393	4.1%	5.3	1.8–16.0				
16	8	343	2.3%	3.0	0.9–10.0				
17–18	11	697	1.6%	2.0	0.6–6.3				
≥19	4	505	0.8%	1.0					
Lifetime partners						0.0001			
1	4	567	0.7%	1.0					

	n	N	%	Univariable			Multivariable		
				OR	95% CI	p LR	OR	95% CI	p LR
2–5	13	919	1.4%	2.0	0.7–6.2				
6–10	6	259	2.3%	3.3	0.9–11.9				
≥10	14	232	6.0%	9.0	2.9–27.7				
Partners in previous 6 months						0.0003		0.003	
1	22	1653	1.3%	1.0			1.0		
2–5	13	302	4.3%	3.3	1.7–6.7		2.7	1.3–5.4	
≥6	4	44	9.1%	7.4	2.4–22.5		5.8	1.8–18.4	
Sexual preference						0.799			
Heterosexual	38	1933	2.0%	1.0					
Homo/bisexual	1	65	1.5%	0.8	0.1–5.8				
New contact in previous 2 months						0.003			
Yes	14	322	4.3%	3.0	1.5–5.8				

	n	N	%	Univariable			Multivariable		
				OR	95% CI	p LR	OR	95% CI	p LR
No	25	1666	1.5%	1.0					
Condom use at last sexual contact									0.737
Yes	12	565	2.1%	1.0					
No	27	1428	1.9%	0.9	0.4–1.8				
Contraception at last sexual contact									0.514
Yes	32	1678	1.9%	1.0					
No	7	278	2.5%	1.3	0.6–3.0				
History of self reported STI									0.113
Yes	4	88	4.5%	2.6	0.9–7.5				
No	34	1901	1.8%	1.0					

*AAD 1, very high urban (>2500 addresses/km²); AAD 2, high urban (1500–2500 addresses/km²); AAD 3, moderate urban (1000–1500 addresses/km²); AAD 4, low urban (500–1000 addresses/km²); AAD 5, rural (<500 addresses/km²).