

**Table S5. HIV incidence per 1000 person-years and incidence rate ratios using the midpoint method as the assumed time of HIV acquisition.**

	Number of MSM	Person-Years (PY)	Incident HIV Infections	Incidence per 1000 PY (95% CI)	Unadjusted Incidence RR (95% CI)	Adjusted Incidence RR (95% CI)
<b>Exposure Period*</b>						
Pre-PrEP period	8817	10505	49	4.66 (3.49-6.11)	1.00	1.00
PrEP period: never prescribed PrEP	9594	8467	28	3.31 (2.25-4.71)	0.71 (0.45-1.13)	0.67 (0.42-1.07)
PrEP period: prescribed PrEP at least once	2677	2294	4	1.74 (0.58-4.15)	0.37 (0.13-1.04)	0.29 (0.11-0.82)
<b>Age (Years)</b>						
15-24	4178	6920	18	2.60 (1.60-4.02)	1.00	1.00
25-39	5351	9243	44	4.76 (3.50-6.33)	1.83 (1.06-3.17)	1.89 (1.09-3.29)
40+	2735	5104	19	3.72 (2.32-5.69)	1.43 (0.75-2.73)	1.59 (0.83-3.03)
<b>Ethnicity</b>						
White	9783	17972	66	3.67 (2.86-4.64)	1.00	1.00
Non-White	599	1020	5	4.90 (1.86-10.75)	1.33 (0.54-3.31)	1.21 (0.48-3.01)
Not Known	1882	2275	10	4.40 (2.26-7.80)	1.20 (0.62-2.33)	1.57 (0.79-3.12)
<b>NHS Board of Residence</b>						
Greater Glasgow and Clyde	4121	7239	23	3.18 (2.07-4.68)	1.00	1.00
Lothian	3245	5655	31	5.48 (3.80-7.68)	1.73 (1.01-2.96)	1.85 (1.05-3.26)
Rest of Scotland	4898	8373	27	3.22 (2.17-4.62)	1.01 (0.58-1.77)	1.20 (0.68-2.14)
<b>Deprivation Quintile of Residence</b>						
1-2 (Most Deprived)	4703	8308	30	3.61 (2.49-5.08)	1.00	1.00
3-5	6240	10693	44	4.11 (3.03-5.47)	1.14 (0.72-1.81)	1.09 (0.68-1.76)
Not Known	1321	2266	7	3.09 (1.38-6.07)	0.86 (0.38-1.95)	0.88 (0.38-2.00)
<b>Ever Injected Drugs</b>						
No	11328	19882	74	3.72 (2.94-4.64)	1.00	1.00
Yes	223	396	5	12.64 (4.79-27.70)	3.40 (1.37-8.40)	3.05 (1.22-7.62)
Not Known	713	989	2	2.02 (0.40-6.48)	0.54 (0.13-2.21)	0.59 (0.14-2.46)
<b>Risk Group</b>						
No High-Risk Behaviour	9581	15103	44	2.91 (2.14-3.87)	1.00	1.00
High-Risk Behaviour**	3610	6164	37	6.00 (4.29-8.18)	2.06 (1.33-3.19)	2.27 (1.46-3.54)

\* Individuals can contribute to multiple exposure categories.

\*\* High-risk behaviour includes patients that had an STI (gonorrhoea or chlamydia) or were prescribed HIV PEP within 12 months prior to and including their first attendance over the follow-up period. Patients can move from no high-risk behaviour in the pre-PrEP period to high-risk behaviour in the PrEP-era.

MSM=men who have sex with men. PY=person-years. CI=confidence interval. RR=rate ratio. PrEP=pre-exposure prophylaxis.