

Smoking in social housing among adults in England, 2015-2020: a nationally representative survey

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Supplementary Table 1. Interactions between housing tenure and age group

	35-64 (vs. 16-34)			≥65 (vs. 16-34)		
	OR/B*	95% CI	<i>p</i>	OR/B	95% CI	<i>p</i>
<i>All adults</i>						
% Cigarette smokers	1.42	1.30 to 1.55	<0.001	1.37	1.20 to 1.56	<0.001
<i>Current cigarette smokers</i>						
Mean cigarettes per day	-0.97	-1.53 to -0.41	0.001	-1.86	-2.75 to -0.96	<0.001
% First smoke within 30 min of waking	0.86	0.74 to 1.00	0.043	0.59	0.47 to 0.74	<0.001
% High motivation to stop	1.00	0.82 to 1.22	0.994	0.90	0.61 to 1.34	0.611
% Regular exposure to smoking by others	1.22	1.04 to 1.43	0.015	1.48	1.17 to 1.88	0.001
<i>Past-year smokers</i>						
% Past year quit attempt	1.15	0.99 to 1.33	0.069	1.02	0.78 to 1.32	0.912
<i>Past year quit attempt</i>						
% Not currently smoking	0.92	0.64 to 1.32	0.645	1.14	0.60 to 2.17	0.682
% Used any cessation support**	0.77	0.60 to 0.99	0.037	0.79	0.50 to 1.24	0.299
% Used behavioural support	0.62	0.26 to 1.49	0.284	0.37	0.11 to 1.24	0.107
% Used NRT OTC	0.74	0.51 to 1.07	0.112	1.17	0.64 to 2.12	0.616
% Used e-cigarettes	0.84	0.65 to 1.08	0.177	0.73	0.42 to 1.26	0.261
% Used prescription medication	0.98	0.60 to 1.60	0.930	0.83	0.39 to 1.79	0.637

* OR/B adjusted for sex, age, social grade, government office region, and survey year. **Any cessation support includes behavioural support, nicotine replacement therapy (NRT) bought over-the-counter (OTC), e-cigarettes, and prescription medication.

Supplementary Table 2. Interactions between housing tenure and sex

	Female (vs. male)		
	OR/B*	95% CI	<i>p</i>
<i>All adults</i>			
% Cigarette smokers	1.11	1.02 to 1.20	0.014
<i>Current cigarette smokers</i>			
Mean cigarettes per day	-0.11	-0.64 to 0.42	0.678
% First smoke within 30 min of waking	1.02	0.89 to 1.17	0.805
% High motivation to stop	0.90	0.74 to 1.09	0.283
% Regular exposure to smoking by others	0.93	0.80 to 1.07	0.302
<i>Past-year smokers</i>			
% Past year quit attempt	0.97	0.84 to 1.11	0.640
<i>Past year quit attempt</i>			
% Not currently smoking	1.02	0.72 to 1.45	0.901
% Used any cessation support**	1.23	0.97 to 1.56	0.093
% Used behavioural support	0.82	0.39 to 1.74	0.605
% Used NRT OTC	1.13	0.80 to 1.61	0.486
% Used e-cigarettes	1.14	0.89 to 1.47	0.308
% Used prescription medication	1.13	0.74 to 1.74	0.571

* OR/B adjusted for sex, age, social grade, government office region, and survey year. **Any cessation support includes behavioural support, nicotine replacement therapy (NRT) bought over-the-counter (OTC), e-cigarettes, and prescription medication.

Supplementary Table 3. Association between use of evidence-based support and cessation among past-year smokers who made a quit attempt: interaction with housing tenure

	Not currently smoking		
	OR*	95% CI	<i>p</i>
Used any cessation support**	1.11	0.94-1.30	0.218
Housing tenure	0.62	0.46-0.84	0.002
Used any cessation support x housing tenure (interaction)	0.93	0.64-1.34	0.684

*OR adjusted for sex, age, social grade, government office region, survey year, mean cigarettes per day, and smoking first cigarette within 30 minutes of waking.

**Any cessation support includes behavioural support, nicotine replacement therapy (NRT) bought over-the-counter (OTC), e-cigarettes, and prescription medication.

Supplementary Table 4. Sensitivity analysis using log-binomial regression to test associations between housing tenure and smoking and cessation behaviour

	Social housing	Other housing	Unadjusted			Adjusted*		
			RR	95% CI	<i>p</i>	RR	95% CI	<i>p</i>
All adults								
% Cigarette smokers	33.5	14.8	2.29	2.21 to 2.37	<0.001	1.73	1.66 to 1.80	<0.001
Current cigarette smokers								
% First smoke within 30 min of waking	57.4	42.6	1.34	1.27 to 1.42	<0.001	1.20	1.13 to 1.28	<0.001
% High motivation to stop	14.7	15.0	0.97	0.89 to 1.07	0.555	1.02	0.93 to 1.13	0.689
% Regular exposure to smoking by others	68.4	68.6	1.01	0.96 to 1.06	0.854	1.01	0.96 to 1.07	0.687
Past-year smokers								
% Past-year quit attempt	32.4	30.9	1.06	0.99 to 1.13	0.088	1.11	1.03 to 1.19	0.005
Past-year quit attempt								
% Not currently smoking	11.6	18.9	0.62	0.52 to 0.73	<0.001	0.69	0.58 to 0.82	<0.001
% Used any cessation support**	59.0	54.4	1.10	1.00 to 1.20	0.051	1.09	0.99 to 1.21	0.086
% Used behavioural support	2.8	2.2	1.27	0.90 to 1.79	0.180	1.27	0.86 to 1.87	0.237
% Used NRT OTC	13.4	13.0	1.06	0.90 to 1.24	0.507	0.91	0.76 to 1.09	0.305
% Used e-cigarettes	33.9	32.1	1.06	0.95 to 1.18	0.319	1.11	0.98 to 1.25	0.103
% Used prescription medication	9.0	7.1	1.28	1.05 to 1.56	0.015	1.33	1.06 to 1.66	0.014

*RR adjusted for sex, age, social grade, government office region, and survey year.

**Any cessation support includes behavioural support, nicotine replacement therapy (NRT) bought over-the-counter (OTC), e-cigarettes, and prescription medication.