

Supplemental Tables for Fong et al. The Impact of Canada's Menthol Cigarette Ban on Quitting Among Menthol Smokers: Pooled Analysis of Pre-Post Evaluation from the ITC Project and the Ontario Menthol Ban Study and Projections of Impact in the United States

Supplemental Table 1. Comparison of ITC Canada Survey and Ontario Menthol Ban Survey

Supplemental Table 2. The association of post-ban smoking cessation and pre-ban menthol smoking status for all smokers and for daily smokers, and interactions with ethnicity (Black vs. Non-Black) for all smokers

Supplemental Table 1. Comparison of ITC Canada Survey and Ontario Menthol Ban Survey

	ITC Canada Survey	Ontario Menthol Ban Study
Sample	Nationally representative sample of 1236 adult (18+) smokers; residents of 7 provinces (Quebec, Ontario, Prince Edward Island, Newfoundland and Labrador, British Columbia, Saskatchewan, and Manitoba)	Provincially representative sample of 1084 adult (18+) smokers + additional smokers from a dedicated Ontario Smokers' Panel; residents of Ontario
Sampling frame	Random selection of respondents from a high-quality national web panel (Leger), using a combination of probability-based, or non-probability opt-in sampling frames, or a combination of these methods.	Respondents recruited using a combination of random digit dialing and convenience sample.
Survey dates	Pre-ban: July 7, 2016 to November 22, 2016 Post-ban: February 23, 2018 to July 9, 2018	Pre-ban: September to December 2016 Post-ban: January to August 2018
Menthol smoking status	<p>Pre- and post-ban: Respondents who said they had a regular brand of cigarettes were asked: 'How would you describe the flavour of your usual cigarette brand?' (response options: just tobacco, tobacco and menthol, tobacco and some other flavour, refused, don't know). Respondents were also asked if their last purchased brand is just tobacco, tobacco and menthol, or tobacco and some other flavour.</p> <p>Respondents who selected 'tobacco and menthol' flavour as their regular brand were categorised as 'mainly menthol smokers' Those who do not have a regular brand or their regular brand is not menthol but bought menthol cigarettes in their last purchase were categorised as 'occasional menthol smokers'. Those who selected 'just tobacco' or 'tobacco and some other flavour' and those who did not buy menthol cigarettes in their last purchase were categorised as 'non-menthol smokers'.</p>	<p>Pre-ban: self-reported past year use of menthol cigarettes (response options: every day, occasionally, on rare occasions, not at all). Daily smokers who used menthol cigarettes in the past year and occasional smokers who reported occasional use of menthol cigarettes in the past year were categorised as 'mainly menthol smokers'. Daily smokers who reported occasional use of menthol cigarettes in the past year were categorized as 'occasional menthol smokers'. Those who had not used menthol cigarettes in past year were categorised as 'non-menthol smokers'.</p> <p>Post-ban: self-reported current use of menthol cigarettes. Respondents who reported current use of menthol cigarettes were categorised as 'menthol smokers', and those who were not currently using menthol cigarettes were categorised as 'non-menthol smokers'.</p>
Post-ban quit success	Respondents who reported that they were not currently smoking cigarettes at post-ban.	Respondents who reported that they were not currently smoking cigarettes at post-ban.

Supplemental Table 2. The association of post-ban smoking cessation (1= current quitter; 0 = current smoker) and pre-ban menthol smoking status for all smokers and for daily smokers, including interactions with ethnicity (Black vs. Non-Black) for all smokers

Explanatory variables	Pre-ban All Smokers					Pre-ban Daily Smokers		
	Main effects			Interaction with ethnicity (Black vs. Non-Black)		N	OR (95% CI)	P
	N	OR (95% CI)	P	OR (95% CI)	P			
Pre-ban menthol smoking status								
Mainly menthol	423	1.64 (1.17 - 2.30)	0.004	21.13 (2.15 - 208.0)	0.009	308	1.90 (1.30 - 2.79)	<0.001
Occasional menthol	407	1.24 (0.84 - 1.82)	0.271	4.96 (0.47 - 52.25)	0.182	407	1.35 (0.90 - 2.02)	0.144
Non-menthol	1490	Reference		Reference		1285	Reference	
Pre-ban smoking status								
Daily	2000	0.48 (0.33 - 0.68)	<0.001	0.48 (0.34 - 0.69)	<0.001	-		
Non-daily	320	Reference		Reference		-		
Sex								
Female	1262	0.87 (0.68 - 1.10)	0.241	0.87 (0.68 - 1.11)	0.263	1089	0.76 (0.58 - 1.00)	0.046
Male	1058	Reference		Reference		911	Reference	
Age group								
18-24	247	0.79 (0.52 - 1.19)	0.262	0.79 (0.52 - 1.19)	0.257	160	0.52 (0.29 - 0.92)	0.024
25-39	510	1.20 (0.86 - 1.69)	0.287	1.20 (0.86 - 1.69)	0.287	425	1.04 (0.72 - 1.52)	0.822
40-54	754	0.86 (0.63 - 1.17)	0.332	0.86 (0.63 - 1.17)	0.327	673	0.74 (0.53 - 1.03)	0.075
55 and up	809	Reference		Reference		742	Reference	
Education								
Low	683	Reference		Reference		624	Reference	
Medium	1037	1.43 (1.06 - 1.95)	0.021	1.44 (1.06 - 1.96)	0.019	910	1.60 (1.14 - 2.24)	0.006
High	582	1.51 (1.08 - 2.12)	0.017	1.53 (1.09 - 2.14)	0.015	452	1.45 (0.98 - 2.13)	0.063
Not Stated	18	0.97 (0.26 - 3.68)	0.966	0.98 (0.26 - 3.72)	0.978	14	0.57 (0.07 - 4.51)	0.593
Pre-ban cigarettes smoked per day								
1-10 cigarettes	960	1.10 (0.71 - 1.71)	0.670	1.10 (0.71 - 1.70)	0.684	660	1.22 (0.76 - 1.96)	0.407
11-20 cigarettes	895	0.77 (0.50 - 1.20)	0.252	0.77 (0.50 - 1.20)	0.249	885	0.87 (0.55 - 1.37)	0.537
21-30 cigarettes	317	0.34 (0.19 - 0.61)	<0.001	0.34 (0.19 - 0.61)	<0.001	316	0.36 (0.20 - 0.67)	0.001
31+ cigarettes	148	Reference		Reference		139	Reference	
Study region								
ITC-BC	190	0.65 (0.36 - 1.16)	0.143	0.64 (0.36 - 1.15)	0.137	161	0.77 (0.41 - 1.44)	0.413
ITC-MB/SK/NL/PEI	143	0.71 (0.38 - 1.34)	0.290	0.71 (0.38 - 1.33)	0.287	124	0.66 (0.31 - 1.38)	0.266
ITC-ON	572	0.58 (0.40 - 0.85)	0.005	0.59 (0.40 - 0.86)	0.006	461	0.57 (0.37 - 0.88)	0.011
ITC-QC	331	0.75 (0.48 - 1.15)	0.182	0.75 (0.49 - 1.15)	0.186	277	0.78 (0.48 - 1.27)	0.313
Ontario Menthol Ban Study-ON	1084	Reference		Reference		977	Reference	

Explanatory variables	Pre-ban All Smokers					Pre-ban Daily Smokers		
	Main effects			Interaction with ethnicity (Black vs. Non-Black)		N	OR (95% CI)	P
	N	OR (95% CI)	P	OR (95% CI)	P			
Ethnicity								
Black	30	0.76 (0.27 – 2.13)	0.593	0.24 (0.05 – 1.28)	0.094	25	0.74 (0.20 – 2.70)	0.648
Non-Black	2290	Reference		Reference		1975	Reference	
Pre-ban menthol smoking status * ethnicity								
Mainly menthol, Black	4			13.08 (1.31 - 131.1)	0.029			
Mainly menthol, Non-Black	419			Reference				
Occasional menthol, Black	9			4.05 (0.38 - 42.68)	0.245			
Occasional menthol, Non-Black	398			Reference				
Non-menthol, Black	17			Reference				
Non-menthol, Non-Black	1473			Reference				

Note. The interactions with ethnicity (Black vs. non-Black) were not presented for daily smokers due to insufficient sample size.