

Supplementary file Table 1. Mixed effects multinomial logistic regression^a of factors associated with HTPs use frequency among smokers from an open cohort study in Mexico, 20019-2021*

	Do not current use (n=4,925)	Less than once a week, but at least once a month (n=176)					Not daily but at least once a week (n=264)					Daily (n=82)				
	%	%	RRR	(95%CI)	ARRR [§]	(95%CI)	%	RRR	(95%CI)	ARRR [§]	(95%CI)	%	RRR	(95%CI)	ARRR [§]	(95%CI)
Sex																
Female	91.2	3.1	Ref		Ref		4.5	Ref		Ref		1.3	Ref		Ref	
Male	89.7	3.4	1.13	(0.80, 1.60)	1.06	(0.73-1.55)	5.2	1.41	(0.92-1.69)	1.01	(0.68-1.48)	1.7	1.427	(0.88-2.31)	1.03	(0.58-1.83)
Age																
18-29	88.3	4.5	Ref		Ref		5.5	Ref		Ref		1.8	Ref		Ref	
30-39	87.4	4.2	0.96	(0.66-1.41)	0.72	(0.46-1.14)	6.0	1.11	(0.75-1.62)	0.7	(0.43-1.14)	2.5	1.41	(0.80-2.51)	0.71	(0.37-1.33)
40-49	92.1	2.2	0.47¹	(0.28-0.79)	0.49¹	(0.26-0.91)	4.8	0.84	(0.52-1.37)	0.8	(0.44-1.45)	0.9	0.51	(0.24-1.09)	0.43	(0.18-1.03)
50+	95.7	1.3	0.27²	(0.15-0.49)	0.48¹	(0.25-0.94)	2.6	0.44²	(0.26-0.75)	0.92	(0.47-1.77)	0.4	0.22¹	(0.08-0.57)	0.37	(0.13-1.10)
Education																
High school and less	93.6	2.3	0.39³	(0.27-0.57)	0.72	(0.45-1.17)	3.5	0.33³	(0.23-0.48)	0.7	(0.44-1.12)	0.6	0.17³	(0.08-0.38)	0.36¹	(0.14-0.93)
Technical and some college	95.3	2.3	0.38³	(0.25-0.57)	0.86	(0.53-1.39)	1.6	0.16³	(0.10-0.44)	0.41²	(0.24-0.71)	0.9	0.24³	(0.13-0.44)	0.80	(0.38-1.70)
University and more	82.6	5.2	Ref		Ref		9.2	Ref		Ref		3.1	Ref		Ref	
Household income																
Less than 8,000MXN	93.8	2.3	Ref		Ref		2.9	Ref		Ref		1.1	Ref		Ref	
8,001 to 15,000MXN	91.3	3.7	1.68¹	(1.04-2.69)	1.15	(0.64-2.05)	4.1	1.46	(0.91-2.35)	0.95	(0.54-1.69)	1.0	0.91	(0.47-1.77)	0.44	(0.19-1.04)
15,001+ MXN	86.6	3.6	1.72¹	(1.08-2.72)	1.07	(0.61-1.89)	6.8	2.55³	(1.61-4.03)	1.33	(0.71-2.49)	2.2	2.18¹	(1.15-4.15)	0.91	(0.39-2.13)
I don't know	97.3	1.1	0.48	(0.14-1.59)	1.64	(0.54-5.03)	1.5	0.51	(0.17-1.47)	1.94	(0.71-5.27)	0.4	0.33	(0.04-2.09)	1.58	(0.11-22.38)
Smoking frequency																
Non-daily	93.6	2.8	Ref		Ref		3.2	Ref		Ref		0.4	Ref		Ref	
Daily <=5 cigarettes	89.6	2.9	1.07	(0.69-1.67)	1.2	(0.72-2.01)	5.4	1.77²	(1.21-2.59)	1.86²	(1.17-2.95)	2.1	5.55³	(2.63-11.71)	5.93³	(2.59-13.60)
Daily >5 cigarettes	85.1	4.3	1.65²	(1.14-2.38)	1.86¹	(1.13-3.06)	7.5	2.59³	(1.81-3.71)	2.35³	(1.50-3.68)	3.1	8.73³	(4.39-17.39)	8.57³	(3.90-18.83)
E-cigarette use																
No	98.3	0.6	Ref		Ref		0.7	Ref		Ref		0.4	Ref		Ref	
Yes	74.7	8.4	17.47³	(11.17-27.32)	6.31³	(3.60-11.05)	13.1	24.04³	(15.57-37.12)	5.78³	(3.37-9.93)	3.7	12.76³	(7.08-22.99)	2.27¹	(1.05-4.91)
Recent smoking quit attempt																
No	92.3	2.6	Ref		Ref		3.7	Ref		Ref		1.3	Ref		Ref	
Yes	87.5	4.2	1.71²	(1.24-2.35)	1.64¹	(1.07-2.50)	6.6	1.86³	(1.38-2.50)	1.24	(0.83-1.85)	1.4	1.38	(0.89-2.14)	1.02	(0.53-1.97)
Intention to quit smoking																
No	91.3	3.4	Ref		Ref		4.1	Ref		Ref		1.3	Ref		Ref	
In the next six months	88.9	3.0	0.92	(0.67-1.27)	0.6	(0.39-0.91)	6.2	1.57²	(1.18-2.08)	1.26	(0.85-1.89)	1.8	1.43	(0.91-2.24)	1.23	(0.65-2.32)
Smoking dependency (WISDOM) (mean, SD)	2.7 (0.9)	3.04 (0.8)	1.46³	(1.27-1.67)	0.88	(0.72-1.09)	3.18 (0.8)	1.72³	(1.49-1.99)	0.95	(0.75-1.19)	3.28 (0.9)	1.92³	(1.45-2.55)	0.96	(0.70-1.31)
Low relative risk perception of HTPs compared to combustible cigarettes																
No	94.8	1.7	Ref		Ref		2.6	Ref		Ref		0.9	Ref		Ref	
Yes	66.5	11.3	9.26³	(6.68-12.84)	2.71³	(1.82-4.05)	17.2	9.55³	(7.18-12.70)	2.56³	(1.78-3.39)	5.1	8.51³	(5.42-13.35)	2.15²	(1.27-3.63)
Inside shops/ stores that sell tobacco																
No	95.1	1.8	Ref		Ref		2.6	Ref		Ref		0.5	Ref		Ref	
Yes	57.0	13.1	11.89³	(8.49-16.67)	2.31³	(1.47-3.63)	20.9	13.43³	(10.13-17.80)	2.12³	(1.42-3.18)	9.0	32.43³	(18.77-56.04)	4.33³	(2.43-7.72)
Outside shops/stores that sell tobacco																
No	95.9	1.6	Ref		Ref		2.0	Ref		Ref		0.5	Ref		Ref	
Yes	63.3	11.4	10.99³	(7.82-15.45)	2.20²	(1.39-3.47)	18.8	14.13³	(10.61-18.82)	2.63³	(1.81-3.83)	6.5	20.27³	(11.69-35.14)	2.78²	(1.51-5.14)
Information on newspapers or magazines																
No	94.8	1.96	Ref		Ref		2.72	Ref		Ref		0.57	Ref		Ref	
Yes	67.3	10.0	7.19³	(5.21-9.91)	1.13	(0.74-1.72)	16.2	8.36³	(6.25-11.18)	1.07	(0.70-1.63)	6.5	16.2³	(9.72-27.01)	1.72¹	(1.00-2.97)

Partner/family smokes																
No	94.6	2.2	Ref		Ref		2.6	Ref		Ref		0.6	Ref			
Yes	88.1	3.8	1.86²	(1.29-2.70)	0.60¹	(0.37-0.98)	6.1	2.56³	(1.79-3.68)	0.66	(0.41-1.07)	2.0	3.41³	(1.82-6.39)	0.50	(0.20-1.26)
Partner/family use e-cigarette																
No	96.4	1.6	Ref		Ref		1.7	Ref		Ref		0.4	Ref			
Yes	70.7	8.8	7.67³	(5.50-10.69)	1.32	(0.80-2.18)	15.3	12.45³	(9.01-17.20)	1.84²	(1.13-2.99)	5.3	20.06³	(11.12-36.18)	2.45¹	(1.03-5.85)
Family use HTPs																
No	96.4	1.5	Ref		Ref		1.7	Ref		Ref		0.4	Ref			
Yes	48.1	15.6	21.00³	(15.04-29.33)	2.26²	(1.31-3.89)	26.9	30.97³	(22.83-42.00)	2.80³	(1.79-4.38)	9.5	50.49³	(28.93-88.11)	3.60²	(1.61-8.06)
Friends smoke																
No	96.4	1.5	Ref		Ref		1.7	Ref		Ref		0.4	Ref			
Yes	89.1	3.6	2.59²	(1.46-4.58)	0.79	(0.39-1.59)	5.5	3.50³	(2.07-5.90)	0.83	(0.44-1.57)	1.8	4.70²	(1.70-12.98)	1.40	(0.42-4.69)
Friends use e-cigarette																
No	97.3	1.2	Ref		Ref		1.2	Ref		Ref		0.3	Ref			
Yes	77.4	7.1	7.56³	(5.21-10.96)	0.7	(0.41-1.12)	11.8	12.88³	(8.95-18.54)	1.05	(0.62-1.78)	3.7	13.82³	(7.37-25.92)	0.65	(0.24-1.75)
Friends use HTPs																
No	97.5	1.0	Ref		Ref		1.2	Ref		Ref		0.3	Ref			
Yes	49.4	16.2	32.23³	(22.30-45.59)	5.81³	(3.27-10.33)	25.8	41.42³	(29.35-58.45)	4.57³	(2.83-7.39)	8.7	66.53³	(34.96-126.62)	6.24³	(2.44-15.95)

*The sample included 6831 observations from 4,067 individuals, who could contribute more than one observation with follow-up due to the repeated nature of the survey.

†No current HTPs use as the reference (i.e., unaware of HTPs or no HTP use in last month)

RRR (Relative Risk Ratio) and ARRR (Adjusted Relative Risk Ratio)

§Adjusted by all variables in the table and survey

Significant values in bold: 1 p-value, $p < 0.05$; 2 p-value, $p < 0.01$; 3 p-value, $p < 0.001$.

Supplementary file Table 2. Mixed-effects logistic regression of factors associated with being followed in a consecutive survey among smokers from an open cohort study in Mexico, 2019-2021*

	No follow-up (n=2,544)		Follow-up (n=2,900)			
	%	%	OR	(95%CI)	AOR	(95%CI)
Sex						
Female	47.5	46.5	Ref		Ref	
Male	52.2	53.5	1.02	(0.88-1.19)	0.88	(0.73-1.07)
Age						
18-29	34.9	20.6	Ref		Ref	
30-39	31.2	30.4	1.89³	(1.55-2.29)	2.15³	(1.66-2.77)
40-49	16.2	22.4	2.86³	(2.28-3.58)	3.89³	(2.87-5.26)
50+	17.7	26.6	3.3³	(2.64-4.11)	5.08³	(3.69-7.00)
Education						
High school and less	37.2	35.5	0.69³	(0.57-0.82)	0.83	(0.65-1.06)
Technical and some college	33.5	27.2	0.58³	(0.48-0.70)	0.65³	(0.51-0.83)
University and more	28.3	35.5	Ref		Ref	
Household income						
Less than 8,000MXN	25.8	18.4	Ref		Ref	
8,001 to 15,000MXN	29.7	30.7	1.58³	(1.29-1.93)	1.48²	(1.16-1.89)
15,001+ MXN	39.9	45.7	1.84³	(1.51-2.23)	1.38¹	(1.07-1.78)
I don't know	4.6	5.1	1.75²	(1.21-2.52)	1.68¹	(1.08-2.61)
Smoking frequency						
Non-daily	54.1	48.4	Ref		Ref	
Daily <=5 cigarettes	21.3	23.9	1.24¹	(1.04-1.48)	0.99	(0.79-1.24)
Daily >5 cigarettes	24.7	27.7	1.23¹	(1.03-1.47)	0.76¹	(0.60-0.97)
E-cigarette use						
No	68.6	64.9	Ref		Ref	
Yes	31.4	35.1	1.19¹	(1.02-1.38)	1.43²	(1.13-1.81)
Recent smoking quit attempt						
No	59.2	61.0	Ref		Ref	
Yes	40.8	39.0	0.93	(0.80-1.07)	0.95	(0.79-1.16)
Intention to quit smoking						
No	63.0	64.9	Ref		Ref	
In the next six months	37.0	35.1	0.93	(0.80-1.07)	0.93	(0.77-1.13)
Smoking dependency (WISDOM) (mean, SD)	2.70 (0.9)	2.78 (0.9)	1.12²	(1.03-1.21)	1.09	(0.98-1.21)
Current HTP use						
No	92.7	88.4	Ref		Ref	
Yes	7.3	11.6	1.62³	(1.26-2.08)	1.45	(1.01-2.10)
Low relative risk perception of HTPs compared to combustible cigarettes						
No	86.1	83.0	Ref		Ref	
Yes	14.0	17.1	1.21	(1.00-1.47)	1.07	(0.84-1.38)
Inside shops/ stores that sell tobacco						
No	88.9	86.7	Ref		Ref	
Yes	11.1	13.3	1.16	(0.94-1.44)	0.92	(0.68-1.24)
Outside shops/stores that sell tobacco						
No	84.1	81.3	Ref		Ref	
Yes	14.9	18.7	1.28¹	(1.06-1.55)	1.10	(0.84-1.45)
Information on newspapers or magazines						
No	86.1	82.64	Ref		Ref	
Yes	14.0	17.4	1.23¹	(1.01-1.49)	0.98	(0.75-1.28)
Partner/family smokes						
No	33.3	36.9	Ref		Ref	
Yes	66.7	63.1	0.83¹	(0.72-0.97)	0.89	(0.74-1.08)
Partner/family use e-cigarette						
No	76.2	77.2	Ref		Ref	
Yes	23.8	22.8	0.9	(0.76-1.06)	0.73¹	(0.56-0.93)
Family use HTPs						
No	89.3	86.2	Ref		Ref	
Yes	10.7	13.8	1.34²	(1.08-1.67)	1.31	(0.92-1.86)
Friends smoke						
No	17.9	18.5	Ref		Ref	
Yes	82.1	81.5	0.94	(0.78-1.13)	0.87	(0.70-1.10)
Friends use e-cigarette						
No	65.1	65.5	Ref		Ref	
Yes	34.9	34.5	0.91	(0.81-1.10)	0.88	(0.70-1.11)
Friends use HTPs						

No	87.6	83.2	Ref	Ref
Yes	12.4	16.8	1.35 ² (1.10-1.66)	1.19 (0.83-1.69)
Wave				
4	23.2	27.5	Ref	Ref
5	23.8	25.7	0.48 ³ (0.37-0.62)	0.56 ³ (0.44-0.72)
6	23.7	25.1	0.35 ³ (0.26-0.49)	0.44 ³ (0.33-0.58)
7	29.3	21.7	0.16 ³ (0.11-0.24)	0.20 ³ (0.14-0.28)

*The sample included 5,447 observations from 3,294 individuals, who could contribute more than one observation with follow-up due to the repeated nature of the survey.

OR (Odds Ratio), AOR (Adjusted Odds Ratio)

§Adjusted by all variables in the table and survey

Significant values in bold: 1 p-value, $p < 0.05$; 2 p-value, $p < 0.01$; 3 p-value, $p < 0.001$.