

TOBACCO PREVENTION AND CESSATION

Supplementary file

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Supplemental Table 1. Crude logistic regression models of choosing (vs. not choosing) one of the top five reasons for e-cigarette use from a cross-sectional survey of Filipino adults who smoke and reported e-cigarette use within the past 30 days (n=611) conducted in November 2023.

	To cut down smoking cigarettes	To help quit smoking cigarettes	To use when not allowed to smoke cigarettes	Because vaping is less harmful than smoking to others	Because I enjoy the flavor
	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)	OR (95% CI)
Age					
18 to 24 years old	ref	ref	ref	ref	ref
25-34 years old	1.25 (0.80-1.96)	1.14 (0.73-1.77)	0.93 (0.52-1.56)	0.63 (0.35-1.12)	0.83 (0.42-1.64)
≥ 35 years old	1.53 (0.93-2.49)	0.92 (0.56-1.53)	0.80 (0.41-1.57)	0.71 (0.37-1.34)	1.00 (0.48-2.09)
Gender					
Women	ref	ref	ref	ref	ref
Men	1.11 (0.77-1.60)	1.79 (1.22-2.64)**	0.65 (0.40-1.08)	0.65 (0.40-1.08)	0.79 (0.45-1.40)
Income (in PHP)					
> 60,000	ref	ref	ref	ref	ref
60,000-299,999	1.23 (0.79-1.93)	1.05 (0.69-1.62)	1.25 (0.70-2.26)	1.09 (0.62-1.93)	0.89 (0.45-1.76)
≥ 300,000	1.83 (1.17-2.87)**	0.77 (0.48-1.23)	1.09 (0.57-2.05)	0.79 (0.41-1.51)	1.05 (0.52-2.10)
E-cigarette device type					
Reusable	ref	ref	ref	ref	ref
Disposable	1.12 (0.76-1.66)	1.28 (0.86-1.90)	0.65 (0.36-1.17)	1.07 (0.62-1.82)	0.40 (0.18-0.87)*
Last e-cigarette flavor used					
Tobacco/menthol	ref	ref	ref	ref	ref
All other flavors	1.31 (0.90-1.89)	0.79 (0.55-1.15)	0.90 (0.55-1.48)	1.10 (0.66-1.82)	0.88 (0.50-1.56)
Frequency of e-cigarette use					
Do not use weekly	0.36 (0.08-1.58)	0.30 (0.07-1.35)	1.65 (0.46-6.01)	0.36 (0.05-2.81)	1.32 (0.29-6.09)
1-3 days per week	1.24 (0.86-1.78)	0.76 (0.52-1.10)	1.29 (0.78-2.15)	0.76 (0.46-1.26)	1.08 (0.61-1.93)
4-7 days per week	ref	ref	ref	ref	ref
Smoking Dependence Level					
Low	ref	ref	ref	ref	ref
Medium	0.85 (0.59-1.24)	1.50 (1.00-2.25)	1.61 (0.91-2.85)	0.79 (0.48-1.31)	0.62 (0.35-1.12)
High	0.44 (0.12-1.55)	1.72 (0.63-4.74)	3.66 (1.19-11.2)*	0.34 (0.04-2.63)	1.48 (0.40-5.44)
Intention to quit smoking					
Not interested/don't know	ref	ref	ref	ref	ref
Intend to quit within a year	2.97 (1.43-6.16)**	4.71 (2.10-10.5)***	0.26 (0.13-0.51)***	0.65 (0.32-1.30)	0.24 (0.12-0.48)***
Intend to quit someday (> 1 year)	2.90 (1.32-6.38)**	1.28 (0.50-3.26)	0.80 (0.40-1.59)	0.69 (0.31-1.55)	0.35 (0.15-0.79)*

Note: OR=odds ratio; CI=confidence interval; ref=reference group; PHP=Philippine peso

* p<0.05, **p<0.01, ***p<0.001

Supplemental Table 2.A Adjusted logistic regression models of choosing (vs. not choosing) one of the top five reasons for e-cigarette use from a cross-sectional survey of adult Filipino men who smoke and reported e-cigarette use within the past 30 days conducted in November 2023.

	To cut down smoking cigarettes (n=337) aOR (95% CI)	To help quit smoking cigarettes (n=337) aOR (95% CI)	To use when not allowed to smoke cigarettes (n=349) aOR (95% CI)	Because vaping is less harmful than smoking to others (n=337) aOR (95% CI)	Because I enjoy the flavor (n=349) aOR (95% CI)
Age					
18 to 24 years old	ref	ref	ref	ref	ref
25-34 years old	1.50 (0.77-2.90)	1.16 (0.62-2.16)	0.54 (0.21-1.36)	0.45 (0.18-1.13)	0.47 (0.16-1.35)
≥ 35 years old	1.77 (0.86-3.64)	0.90 (0.44-1.82)	0.36 (0.12-1.06)	1.02 (0.40-2.61)	0.50 (0.15-1.64)
Income (in PHP)					
> 60,000	ref	ref	ref	ref	ref
60,000-299,999	1.13 (0.62-2.06)	0.91 (0.50-1.65)	1.97 (0.77-5.04)	0.96 (0.40-2.32)	1.01 (0.35-2.94)
≥ 300,000	1.21 (0.64-2.29)	0.85 (0.45-1.61)	2.31 (0.85-6.32)	0.91 (0.34-2.38)	1.76 (0.60-5.14)
E-cigarette device type					
Reusable	ref	ref	ref	ref	ref
Disposable	1.22 (0.72-2.07)	1.46 (0.85-2.49)	1.23 (0.54-2.80)	0.61 (0.26-1.45)	0.38 (0.12-1.20)
Last e-cigarette flavor used					
Tobacco/menthol	ref	ref	ref	ref	ref
All other flavors	1.15 (0.69-1.92)	0.76 (0.46-1.26)	0.99 (0.45-2.19)	0.78 (0.37-1.64)	0.60 (0.25-1.44)
Frequency of e-cigarette use					
Do not use weekly	empty	empty	1.83 (0.31-10.8)	0.50 (0.06-4.33)	1.09 (0.11-10.5)
1-3 days per week	1.20 (0.73-1.99)	0.69 (0.42-1.15)	1.88 (0.85-4.17)	0.63 (0.29-1.37)	1.32 (0.55-3.17)
4-7 days per week	ref	ref	ref	ref	ref
Smoking Dependence Level					
Low	ref	ref	ref	ref	ref
Medium	0.67 (0.39-1.13)	1.49 (0.85-2.61)	1.95 (0.75-5.10)	0.76 (0.35-1.64)	0.71 (0.28-1.79)
High	0.39 (0.07-2.04)	1.36 (0.30-6.08)	10.2 (1.99-52.7)**	empty	2.58 (0.47-14.1)
Intention to quit smoking					
Not interested/don't know	ref	ref	ref	ref	ref
Intend to quit within a year	3.77 (1.28-11.1)*	4.82 (1.80-12.9)**	0.19 (0.07-0.49)**	0.49 (0.18-1.28)	0.15 (0.05-0.39)***
Intend to quit someday (> 1 year)	4.80 (1.52-15.1)**	1.33 (0.43-4.15)	0.47 (0.17-1.32)	0.57 (0.18-1.77)	0.28 (0.09-0.89)*

Note: aOR=adjusted odds ratio; CI=confidence interval; ref=reference group; PHP=Philippine peso; empty=there was no variation in selecting or not selecting the reason for use for this variable category and the model failed to provide a reliable estimate; the statistical software automatically dropped the observations that 'perfectly' predicted the outcome resulting in lower n's for some models.

* p<0.05, **p<0.01, ***p<0.001; Significance level set at p<0.01 (or 0.05/5 comparisons)

Supplemental Table 2.B Adjusted logistic regression models of choosing (vs. not choosing) one of the top five reasons for e-cigarette use from a cross-sectional survey of adult Filipino women who smoke and reported e-cigarette use within the past 30 days conducted in November 2023.

	To cut down smoking cigarettes (n=262) aOR (95% CI)	To help quit smoking cigarettes (n=262) aOR (95% CI)	To use when not allowed to smoke cigarettes (n=262) aOR (95% CI)	Because vaping is less harmful than smoking to others (n=255) aOR (95% CI)	Because I enjoy the flavor (n=254) aOR (95% CI)
Age					
18 to 24 years old	ref	ref	Ref	Ref	ref
25-34 years old	0.85 (0.41-1.75)	1.28 (0.57-2.84)	0.83 (0.32-2.13)	0.91 (0.39-2.12)	1.24 (0.42-3.63)
≥ 35 years old	0.82 (0.36-1.85)	1.42 (0.55-3.68)	1.03 (0.34-3.09)	0.59 (0.20-1.78)	1.41 (0.43-4.69)
Income (in PHP)					
> 60,000	ref	ref	ref	ref	ref
60,000-299,999	1.43 (0.66-3.11)	1.41 (0.64-3.06)	1.17 (0.45-3.00)	1.30 (0.55-3.05)	0.70 (0.24-2.02)
≥ 300,000	3.31 (1.52-7.19)**	0.53 (0.20-1.37)	0.78 (0.28-2.18)	0.76 (0.28-2.07)	0.70 (0.23-2.16)
E-cigarette device type					
Reusable	ref	ref	ref	ref	ref
Disposable	0.99 (0.51-1.92)	1.24 (0.60-2.58)	0.30 (0.10-0.92)*	1.87 (0.87-4.00)	0.47 (0.15-1.48)
Last e-cigarette flavor used					
Tobacco/menthol	ref	ref	ref	ref	ref
All other flavors	1.18 (0.64-2.18)	0.73 (0.37-1.44)	1.08 (0.50-2.33)	1.62 (0.75-3.48)	1.81 (0.70-4.68)
Frequency of e-cigarette use					
Do not use weekly	1.41 (0.24-8.23)	1.73 (0.27-11.1)	1.04 (0.10-10.7)	empty	1.32 (0.13-13.5)
1-3 days per week	1.40 (0.76-2.57)	0.71 (0.35-1.42)	1.08 (0.50-2.35)	1.05 (0.50-2.18)	0.93 (0.39-2.45)
4-7 days per week	ref	ref	ref	ref	ref
Smoking Dependence Level					
Low	ref	ref	ref	ref	ref
Medium	1.03 (0.55-1.90)	1.29 (0.63-2.64)	2.33 (1.00-5.42)	0.93 (0.43-1.98)	0.54 (0.22-1.34)
High	0.38 (0.04-3.50)	3.74 (0.66-21.3)	1.35 (0.13-14.0)	0.86 (0.09-8.16)	empty
Intention to quit smoking					
Not interested/don't know	ref	ref	ref	ref	ref
Intend to quit within a year	2.28 (0.80-6.47)	5.37 (1.17-24.6)*	0.36 (0.13-1.00)	0.73 (0.25-2.15)	0.42 (0.12-1.33)
Intend to quit someday (> 1 year)	1.73 (0.52-5.73)	1.15 (0.19-7.00)	1.70 (0.56-5.14)	0.87 (0.25-3.04)	0.55 (0.14-2.13)

Note: aOR=adjusted odds ratio; CI=confidence interval; ref=reference group; PHP=Philippine peso; empty=there was no variation in selecting or not selecting the reason for use for this variable category and the model failed to provide a reliable estimate; the statistical software automatically dropped the observations that 'perfectly' predicted the outcome resulting in lower n's for some models

* p<0.05, **p<0.01, ***p<0.001; Significance level set at p<0.01 (or 0.05/5 comparisons)