Supplementary Table 1A

Probability of smoking onset by T2 as a function of level of e-cigarette use at T1, with odds ratios and 95% confidence intervals

Level of T1 e-cigarette use	Pr{onset}	Odds ratio	Confidence interval	p
Never	2%	1.00		
1-2 times	5%	2.58	1.24 - 5.34	.01
3-4 times	7%	3.89	1.28 - 11.77	.02
Yearly/monthly	9%	5.08	1.88 - 13.73	.001
Weekly/daily	9%	5.30	2.12 - 13.28	.0004

Note: Analysis conducted for T1 never smokers, analytic $N = 1,070$. Criterion variable is defined as categories 0 or 1 (never smoked or smoked 1-2 times) at T2 vs. category 2 (smoked 3-4 times) or higher at T2. Cells for the highest levels of use are collapsed to avoid small cell sizes. Results are adjusted for demographics, parenting, and personality variables and for clustering within school.

Supplementary Table 1B

Probability of smoking onset by T2 as a function of level of e-cigarette use at T1, with odds ratios and 95% confidence intervals

Level of T1 e-cigarette use	Pr{onset}	Odds ratio	Confidence interval	p
Never	2%	1.00		
1-2 times	2%	1.94	0.68 - 5.51	n.s.
3-4 times	2%	1.21	0.22 - 6.78	n.s.
Yearly/monthly	5%	4.37	1.79 - 10.65	.001
Weekly/daily	13%	11.41	5.76 - 22.63	<.0001

Note: Analysis conducted for T1 never smokers, analytic $N = 1,070$. Criterion variable is Defined as categories 0-2 (Never smoked to smoked 3-4 times) at T2 vs. category 3 (smoke yearly) or higher at T2. Cells for the highest levels of use are collapsed to avoid small cell sizes. Results are adjusted for demographics, parenting, and personality variables and for clustering within school.

Supplementary Table 1C

Probability of smoking onset by T2 as a function of level of e-cigarette use at T1, with odds ratios and 95% confidence intervals

Level of T1 e-cigarette use	Pr{onset}	Odds ratio	Confidence interval	p
Never	1%	1.00		
1-2 times	1%	1.88	0.22- 15.70	n.s.
3-4 times	1%	1.61	0.12 - 20.75	n.s.
Yearly/monthly	4%	7.13	1.28 - 39.73	.03
Weekly/daily	10%	17.19	7.24 - 40.79	<.0001

Note: Analysis conducted for T1 never smokers, analytic $N = 1,070$. Criterion variable is Defined as categories 0-3 (Never smoked to smoked yearly) at T2 vs. category 4 (smoke monthly) or higher at T2. Cells for the highest levels of use are collapsed to avoid small cell sizes. Results are adjusted for demographics, parenting, and personality variables and for clustering within school.

Supplemental Table 2A

Odds ratio and probability of being a T2 smoker among T1 nonsmokers as a function of alternate definition #1, for complete-case analysis and full-information analysis

	For complete-case analysis			
T1 e-cig definition	Prob. of {T2 Smoker}[A]	Odds ratio	Confidence interval	*p*
Non-regular user T1[A]	2%	1.00		
Regular user T1[A]	8%	3.60	1.59 - 8.16	.002

	For full-information analysis			
T1 e-cig definition	Prob. of {T2 Smoker}[A]	Odds ratio	Confidence interval	*p*
Non-regular user at T1[A]	3%	1.00		
Regular user at T1[A]	9%	3.45	2.09 - 5.69	<.0001

Note: Regression model includes T1 e-cigarette use, age, gender, ethnicity, parental education, parental support, and rebelliousness. [A] Defined as first two scale points (never smoked or smoked 1-2 times) vs. upper 5 scale points (smoked 3-4 times or more often).

Supplemental Table 2B

Odds ratio and probability of being a T2 smoker among T1 nonsmokers as a function of alternate

definition #2, for complete-case analysis and full-information analysis

	For complete-case analysis			
	Prob. of	Odds	Confidence	
T1 e-cig definition	{T2 Smoker}	ratio	interval	*p*
Non-regular user T1[B]	1%	1.00		
Regular user T1[B]	7%	6.01	3.16 - 11.42	<.0001
	For full-information analysis			
	Prob. of	Odds	Confidence	
T1 e-cig definition	{T2 Smoker}	ratio	interval	*p*
Non-regular user at T1[B]	1%	1.00		
Regular user at T1[B]	7%	6.36	3.10 - 13.08	<.0001

Note: Regression model includes T1 e-cigarette use, gender, ethnicity, parental education,

parental support, and rebelliousness. [B] Defined as first three scale points (never smoked, smoked

1-2 times, smoked 3-4 times) vs. upper 4 scale points (smoke yearly, monthly, or daily) .