

Table S1. Adjusted Odds of Past-30-Day E-cigarette Use Among High School Youth in the US, 2021 NYTS (full model results)

				Model 1						Model 2						Model 3								
				Prevalence			Adjusted (N=9907)			Matched (N=9941)			Adjusted (N=9907)			Matched (N=9941)			Adjusted (N=9343)			Matched (N=9377)		
				%	95% CI		OR	95% CI		OR	95% CI		OR	95% CI		OR	95% CI		OR	95% CI		OR	95% CI	
Sex																								
Female	11.9	10.0	13.9	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-			
Male	10.7	8.9	12.4	0.82	0.69	0.99	0.82	0.68	1.00	0.83	0.69	0.99	0.83	0.68	1.00	0.70	0.57	0.85	0.69	0.56	0.85			
Race/Ethnicity																								
Non-Hispanic White	14.3	12.2	16.4	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-			
Non-Hispanic Black	5.7	3.6	7.8	0.43	0.28	0.68	0.46	0.29	0.73	0.43	0.28	0.68	0.45	0.28	0.73	0.34	0.21	0.55	0.36	0.22	0.59			
Hispanic	7.7	5.8	9.5	0.60	0.47	0.77	0.74	0.58	0.96	0.65	0.52	0.81	0.81	0.64	1.04	0.53	0.42	0.68	0.65	0.50	0.84			
Non-Hispanic other race	11.4	8.8	14.1	0.87	0.68	1.10	0.87	0.67	1.13	0.90	0.70	1.16	0.91	0.69	1.20	0.87	0.67	1.12	0.90	0.68	1.19			
Grade																								
9th	6.6	5.0	8.2	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-			
10th	9.3	6.9	11.6	1.53	1.12	2.09	1.68	1.19	2.36	1.54	1.12	2.10	1.68	1.19	2.36	1.56	1.14	2.14	1.69	1.20	2.38			
11th	13.4	10.9	15.9	2.29	1.71	3.05	2.46	1.80	3.36	2.31	1.73	3.08	2.48	1.82	3.38	2.43	1.83	3.24	2.70	1.98	3.68			
12th	16.2	13.6	18.9	2.85	2.10	3.87	3.01	2.18	4.17	2.86	2.09	3.90	3.03	2.18	4.21	3.07	2.26	4.17	3.35	2.42	4.64			
Survey Setting																								
Home	8.2	6.8	9.6	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-			
School	15.0	12.7	17.2	1.74	1.40	2.17	1.79	1.46	2.20	1.38	1.08	1.77	1.36	1.08	1.72	1.40	1.10	1.77	1.29	1.03	1.62			
Learning Model																								
Nearly all at-home	7.4	5.2	9.5							1.00	-	-	1.00	-	-	1.00	-	-	1.00	-	-			
Majority at-home	8.0	4.7	11.2							1.02	0.62	1.66	1.13	0.67	1.89	0.96	0.58	1.59	1.09	0.66	1.81			
About even	11.0	6.1	15.8							1.24	0.76	2.02	1.40	0.85	2.29	1.22	0.75	1.98	1.43	0.87	2.35			
Majority in-school	13.2	9.8	16.6							1.46	1.00	2.12	1.68	1.16	2.44	1.52	1.08	2.15	1.82	1.29	2.57			
Nearly all in-school	17.0	13.8	20.2							1.65	1.10	2.47	1.89	1.30	2.75	1.69	1.14	2.52	2.03	1.38	2.97			
School Grades																								
Mostly A's	7.5	6.0	8.9													1.00	-	-	1.00	-	-			
Mostly B's	11.2	9.3	13.2													1.89	1.52	2.34	1.96	1.56	2.45			
Mostly C's	14.6	11.2	18.0													2.83	2.21	3.62	2.91	2.24	3.78			
Mostly D's	15.5	10.3	20.6													3.07	1.93	4.89	3.02	1.77	5.15			
Mostly F's	16.1	10.3	21.9													4.06	2.80	5.89	3.69	2.45	5.57			
No answer/ Displayed	22.6	17.3	27.8													4.82	3.57	6.52	5.33	3.84	7.38			

CI, Confidence Interval; OR, Odds Ratio;

Percentages are weighted to be representative of US high school students; Variance was estimated using Taylor Series Linearization, accounting for the complex sampling design