

SUPPLEMENTAL TABLES

Supplemental Table 1. Study characteristics and prevalence of e-cigarette use in the past 30 days

Study	Location	Date of Collection	Survey method	Overall Study N	Past 30-day E-cigarette Use		Age range*	%Male*	Race/Ethnicity*†				
					% (95%CI)	N			W	H	B	A	O
1 ^{a,c}	United States	12/2014 – 6/2016	Phone	2021	12.8% (10.8%, 15.1%)	259	13-26	58.6%	62.8%	15.4%	8.3%	1.1%	12.3%
2 ^{a,d}	United States	8/2015 – 9/2015	Online	933	9.3% (7.2%, 12.0%)	97	18-29	50.3%	58.8%	19.3%	9.7%	0%	12.1%
3 ^{b,e}	California	9/2015 – 12/2015	Paper	2924	6.0% (5.2%, 6.9%)	175	15-16	55.2%	22.2%	39.5%	4.2%	13.8%	24.0%
4 ^{b,f}	California	1/2015 – 7/2016	Online	1553	13.2% (11.6%, 15.1%)	192	18-21	58.3%	49.0%	42.7%	0%	2.6%	5.7%
5 ^{b,g}	California	2/2016 – 6/2016	Online	631	5.9% (4.4%, 7.7%)	46	14-20	50.0%	26.1%	32.6%	0%	23.9%	17.4%
6 ^{b,h}	Texas	10/2015 – 1/2016	Online	2707	3.5% (2.8%, 4.3%)	95	10-17	53.7%	43.1%	9.5%	6.3%	5.3%	35.8%
7 ^{b,i}	Texas	10/2015-11/2015	Online	4282	12.3% (11.4%, 13.3%)	527	19-29	47.8%	39.3%	34.3%	4.0%	13.5%	8.9%
8 ^{b,j}	Connecticut	10/2015 – 6/2015	Paper	7045	12.1% (11.3%, 12.9%)	775	13-20	55.9%	65.9%	11.6%	6.2%	2.6%	13.3%
Summary		12/2014 – 7/2016		22,096		2166	10-29						

*Restricted to e-cigarette users

†W = non-Hispanic White; H = Hispanic; B = non-Hispanic Black; A = non-Hispanic Asian; O = other

^a95%CI for all estimates computed from a Wald-type interval on the log-odds scale obtained from a weighted logistic regression model that is transformed to the probability scale

^b95%CI for all estimates computed using Wilson method

^cNational probability sample; % reported are weighted to be demographically representative of the US 2014 population, using the Current Population Survey March 2014 Supplement¹⁵

^dNational probability sample; % reported are weighted to be demographically representative of the US 2015 population, using the Current Population Survey March 2015 Supplement²⁰

^eSchool based cohort; Los Angeles county⁹

^fSchool-based cohort, Southern California¹⁰

^gSchool-based cohort, Northern California¹⁶

^hSchool-based cohort, Houston, Dallas/Fort Worth, San Antonio, Austin; sample weighted to the state of Texas, weighted % reported¹⁸

ⁱSchool-based cohort (college), Houston, Dallas/Fort Worth, San Antonio, Austin¹⁹

^jSchool-based cohort, south East Connecticut¹⁷

†Significant heterogeneity observed (p<0.05)

Supplemental Table 2. Questions assessing type of device used for each study

Study	Questions Assessing Device Type	Photo?	Select all that apply?
1	1) Did most of the e-cigarettes or vape pens you used in the past 30 days look a lot like a cigarette?	No	No
2	1) Was your electronic vapor product rechargeable? 2) Did your electronic vapor product use cartridges? 3) Did your electronic vapor product use a tank system?	Yes	No
3	1) If you have owned an e-cigarette device, which of the following best describes the e-cigarette device you normally used?	No	No
4	1) In the past 30 days, which device did you use most often?	No	No
5	1) On average, when you use electronic cigarettes/E-cigs/Vapes/vape pens/vapor pens, which of the following do you use?	Yes	Yes
6	1) During the past 30 days, what type of electronic cigarette, vape pen, or e-hookah did you use? Refer to the photo above for examples. a) A disposable electronic cigarette that you throw out when it is empty. b) A rechargeable electronic cigarette used with replaceable cartridges. c) A rechargeable electronic cigarette used with refillable e-juice/e-liquid.	Yes	Yes
7	1) Disposable: During the past 30 days, have you used a disposable e-cigarette or an e-cigarette with a disposable nicotine cartridge? Neither requires the addition of e-liquid/e-juice. 2) Vape/Pen: During the past 30 days, have you used a vape pen, personal vaporizer, or any other device as intended (i.e. with nicotine e-liquid/e-juice)? 3) Mod/Rebuildable: During the past 30 days, have you used a portable mod, rebuildable, or other "3 rd generation" device?	Yes	Yes
8	1) Does the e-cigarette you usually use have tanks or cartridges to hold the e-liquid?	Yes	No