

Appendix
Changing Perceptions of Harm of E-Cigarettes Among U.S. Adults, 2012–2015
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Appendix Table 1. Demographic Characteristics of the Samples

	2012		2014		2015	
	N (%)	Wt %	N (%)	Wt %	N (%)	Wt %
Sex						
Male	1,932 (46.3)	48.2	2,807 (49.1)	48.1	3,039 (50.2)	48.6
Female	2,238 (53.7)	51.8	2,910 (50.9)	51.9	3,012 (49.8)	51.4
Age						
18-24	366 (8.8)	12.5	476 (8.3)	12.6	356 (5.9)	9.3
25-34	488 (11.7)	17.5	816 (14.3)	16.3	1,116 (18.4)	20.8
35-44	740 (17.7)	16.8	940 (16.4)	18.1	917 (15.2)	16.2
45-54	1,000 (24.0)	18.9	1,054 (18.4)	16.4	958 (15.8)	15.7
55-64	750 (18.0)	16.4	1,250 (21.9)	18.9	1,262 (20.9)	19.5
65 +	826 (19.8)	17.9	1,181 (20.7)	17.7	1,442 (23.8)	18.6
Race/Ethnicity						
White, NH	3,094 (74.2)	67.2	4,221 (73.8)	66.0	4,462 (73.7)	66.1
Black, NH	406 (9.7)	11.3	566 (9.9)	11.6	519 (8.6)	11.2
Other, NH	241 (5.8)	7.2	422 (7.4)	7.5	357 (5.9)	7.4
Hispanic	429 (10.3)	14.3	508 (8.9)	14.9	713 (11.8)	15.2
Education						
<HS	263 (6.3)	12.6	442 (7.7)	12.6	372 (6.1)	11.2
HS graduate	1,074 (25.8)	30.1	1,690 (29.6)	29.6	2,042 (33.7)	30.1
Some college	1,334 (32.0)	28.8	1,735 (30.3)	28.9	1,591 (26.3)	28.9
College +	1,499 (35.9)	28.5	1,850 (32.4)	28.9	2,046 (33.8)	29.8
Household Income						
<\$15K	337 (8.1)	9.5	609 (10.7)	11.4	717 (11.8)	11.8
\$15K - \$24,9K	338 (8.1)	9.5	453 (7.9)	7.1	509 (8.4)	6.2
\$25K - \$39,9K	602 (14.4)	14.5	855 (15.0)	15.5	973 (16.1)	14.8
\$40K - \$59,9K	722 (17.3)	16.9	976 (17.1)	16.2	1,051 (17.4)	15.7
\$60K - \$84,9K	816 (19.6)	19.7	963 (16.8)	16.7	1,091 (18.0)	19.1
\$85K - \$99,9K	338 (8.1)	8.3	365 (6.4)	6.8	425 (7.0)	9.0
\$100K +	1,017 (24.4)	21.6	1,496 (26.2)	26.4	1,285 (21.2)	23.4
Region						
Northeast	775 (18.6)	18.1	1,019 (17.8)	18.2	1,058 (17.5)	18.2
Midwest	1,041 (25)	21.6	1,383 (24.2)	21.4	1,592 (26.3)	21.7
South	1,432 (34.3)	37.2	2,067 (36.2)	37.1	2,010 (33.2)	36.8
West	922 (22.1)	23.1	1,248 (21.8)	23.4	1,391 (23.0)	23.3

N, unweighted frequency; Wt %, Weighted %; NH, Non-Hispanic; HS, high school

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Appendix Table 2. Perceived Addictiveness of E-Cigarettes by Participant Characteristics Among U.S. Adults: 2015

	Responses		
	Yes % (95% CI)	No % (95% CI)	“I don’t know” % (95% CI)
Characteristics			
Sex			
Male	67.7 (65.4, 69.9)	4.0 (3.1, 5.1)	28.3 (26.3, 30.5)
Female	67.6 (65.3, 69.8)	3.5 (2.7, 4.6)	28.9 (26.8, 31.2)
Age (years)^{***}			
18-24	71.4 (65.3, 76.8)	4.2 (2.4, 7.2)	24.5 (19.4, 30.4)
25-34	70.1 (66.4, 73.6)	7.2 (5.3, 9.7)	22.7 (19.6, 26.2)
35-44	71.6 (67.5, 75.3)	3.9 (2.4, 6.3)	24.5 (21.0, 28.4)
45-54	71.4 (67.5, 75.0)	2.5 (1.7, 3.8)	26.1 (22.6, 30.0)
55-64	63.0 (59.3, 66.6)	2.4 (1.4, 4.1)	34.6 (31.0, 38.3)
65+	60.9 (57.4, 64.3)	1.9 (1.2, 3.1)	37.2 (33.8, 40.7)
Race/Ethnicity^{***}			
White, NH	69.6 (67.8, 71.3)	2.5 (2.0, 3.1)	27.9 (26.2, 29.7)
Black, NH	53.3 (47.5, 59.1)	6.7 (4.0, 10.9)	40.0 (34.4, 45.8)
Other, NH	70.0 (62.6, 76.5)	2.8 (1.3, 5.9)	27.2 (20.9, 34.5)
Hispanic	67.5 (62.9, 71.9)	8.0 (5.5, 11.3)	24.5 (20.7, 28.8)
Education^{***}			
<High school	62.7 (56.0, 68.9)	5.5 (3.1, 9.6)	31.8 (26.0, 38.3)
High school	62.6 (59.7, 65.4)	4.9 (3.7, 6.6)	32.5 (29.8, 35.3)
Some college	68.9 (65.8, 71.8)	4.2 (3.0, 5.7)	27.0 (24.2, 29.9)
College degree +	72.8 (70.3, 75.3)	1.7 (1.1, 2.4)	25.5 (23.1, 28.1)
Household income^{***}			
<\$15K	54.2 (48.4, 59.9)	10.0 (6.9, 14.3)	35.8 (30.5, 41.5)
\$15K–\$24.9K	62.6	5.2	32.2

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	(55.8, 68.9)	(2.7, 9.8)	(26.3, 38.8)
\$25K–\$39.9K	67.0	4.2	28.8
	(62.6, 71.1)	(2.8, 6.3)	(24.8, 33.1)
\$40K–\$59.9K	64.9	2.9	32.2
	(60.8, 68.7)	(2.0, 4.4)	(28.5, 36.2)
≥\$60K	71.8	2.5	25.7
	(69.6, 73.8)	(1.8, 3.5)	(23.8, 27.8)
U.S. region*			
Northeast	65.4	3.9	30.7
	(61.3, 69.2)	(2.7, 5.5)	(27.0, 34.8)
Midwest	65.6	3.3	31.1
	(62.4, 68.7)	(2.2, 4.9)	(28.2, 34.2)
South	67.2	3.6	29.2
	(64.4, 69.8)	(2.6, 5.0)	(26.7, 31.9)
West	72.0	4.3	23.7
	(68.7, 75.0)	(3.0, 6.1)	(20.9, 26.9)
E-cigarette use***			
Ever tried	65.8	8.9	25.3
	(62.1, 69.4)	(7.0, 11.2)	(22.1, 28.8)
Never tried	68.1	2.5	29.4
	(66.3, 69.8)	(1.9, 3.3)	(27.7, 31.2)

Note: Boldface indicates statistical significance (* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$). p is based on weighted bivariate tests of association (χ^2).

NH, non-Hispanic