

**Supplementary Table S1. Distribution of tobacco use, the Youth Appalachian Tobacco Study (n = 1074)**

	n	%	95% LB	95% UB
<b>Never</b>	<b>710</b>	<b>66.1</b>	<b>63.2</b>	<b>68.9</b>
<b>Ever non-e-cigarette</b>	<b>113</b>	<b>10.5</b>	<b>8.8</b>	<b>12.5</b>
Exclusive cigarette	47	4.4	3.3	5.8
Exclusive smokeless tobacco	36	3.3	2.4	4.6
Cigarette + smokeless tobacco	30	2.8	2.0	4.0
<b>Ever e-cigarette</b>	<b>251</b>	<b>23.4</b>	<b>20.9</b>	<b>26.0</b>
Exclusive e-cigarette	58	5.4	4.2	6.9
E-cigarette + cigarette	67	6.2	4.9	7.9
E-cigarette + smokeless tobacco	11	1.0	0.6	1.8
E-cigarette + cigarette + smokeless tobacco	115	10.7	9.0	12.7

**Supplementary Table S2. Prevalence of descriptive characteristics by tobacco use, the Youth Appalachian Tobacco Study (n = 1074)**

Descriptive Characteristics, <i>n</i> (%)	Tobacco Use			P-value	
	Total	Never	Ever non-e-cigarette		Ever e-cigarette
Gender	1074 (100.0)	710 (66.1)	113 (10.5)	251 (23.4)	0.19 <sup>a</sup>
Male	547 (50.9)	365 (51.4)	45 (39.8)	134 (53.4)	<b>0.022<sup>b</sup></b>
Female	527 (49.1)	345 (48.6)	68 (60.2)	117 (46.6)	0.23 <sup>c</sup>
Race/ethnicity					0.77 <sup>a</sup>
White/Caucasian	956 (89.0)	626 (88.2)	107 (94.7)	223 (88.8)	<b>0.039<sup>b</sup></b>
Non-White/Non-Caucasian	118 (11.0)	84 (11.8)	6 (5.3)	28 (11.2)	0.08 <sup>c</sup>
Age					<b>&lt;0.001<sup>a</sup></b>
Mean ± SD	13.8 ± 1.9	13.4 ± 1.8	14.7 ± 2.0	14.6 ± 1.8	<b>&lt;0.001<sup>b</sup></b>
Median (min-max)	14 (11-19)	13 (11-19)	14 (11-19)	14 (11-19)	0.55 <sup>c</sup>
School type					<b>&lt;0.001<sup>a</sup></b>
Middle	650 (60.5)	487 (68.6)	55 (48.7)	108 (43.0)	<b>&lt;0.001<sup>b</sup></b>
High	424 (39.5)	223 (31.4)	58 (51.3)	143 (57.0)	0.32 <sup>c</sup>
State					<b>0.001<sup>a</sup></b>
New York	367 (34.2)	157 (22.1)	20 (17.7)	101 (40.2)	<b>&lt;0.001<sup>b</sup></b>
Kentucky	496 (46.2)	203 (28.6)	63 (55.8)	116 (46.2)	0.002 <sup>c</sup>
North Carolina	211 (19.6)	350 (49.3)	30 (26.6)	34 (13.6)	
Household tobacco users (count) <sup>d</sup>					<b>&lt;0.001<sup>a</sup></b>
Zero	459 (42.7)	351 (49.4)	29 (25.7)	79 (31.5)	<b>&lt;0.001<sup>b</sup></b>
1+	615 (57.3)	359 (50.6)	84 (74.3)	172 (68.5)	0.26 <sup>c</sup>

Ever non-e-cigarette users include cigarette and smokeless tobacco users who have not tried e-cigarettes.

<sup>a</sup> Chi-square test comparing never users to ever e-cigarette users

<sup>b</sup> Chi-square test comparing never users to ever non-e-cigarette users

<sup>c</sup> Chi-square test comparing ever non-e-cigarette users to ever e-cigarette users

