

Supplemental Table 1. Baseline cohort respondent characteristics

		Dual users n=200		Exclusive vapers n=160		Overall N=360	
		n	%	n	%	n	%
<b>Sex</b>	Male	94	47.0	72	45.0	166	46.1
	Female	106	53.0	88	55.0	194	53.9
<b>Age group</b>	18-24	47	23.5	9	5.6	56	15.6
	25-39	45	22.5	32	20.0	77	21.4
	40-54	52	26.0	41	25.6	93	25.8
	55 and up	56	28.0	78	48.8	134	37.2
<b>Income</b>	Low	74	37.0	46	28.8	120	33.3
	Medium	52	26.0	44	27.5	96	26.7
	High	74	37.0	70	43.8	144	40.0
<b>Education</b>	Low	63	31.5	44	27.5	107	29.7
	Medium	89	44.5	79	49.4	168	46.7
	High	48	24.0	37	23.1	85	23.6
<b>Smoking status</b>	Daily smoker	135	67.5	0	0.0	135	37.5
	Non-daily smoker	65	32.5	0	0.0	65	18.1
	Ex-smoker	0	0.0	160	100.0	160	44.4
<b>Vaping status, smoking status</b>	Daily vaper, daily smoker	65	32.5	0	0.0	65	18.1
	Daily vaper, non-daily smoker	35	17.5	0	0.0	35	9.7
	Daily vaper, ex-smoker	0	0.0	148	92.5	148	41.1
	Weekly vaper, daily smoker	70	35.0	0	0.0	70	19.4
	Weekly vaper, non-daily smoker	30	15.0	0	0.0	30	8.3
	Weekly vaper, ex-smoker	0	0.0	12	7.5	12	3.3
<b>Flavor/device use most often</b>							
<i>Cartridge</i>	Tobacco/unflavored	31	15.5	15	9.4	46	12.8
	Menthol/mint	24	12.0	9	5.6	33	9.2
	Fruit/other	22	11.0	11	6.9	33	9.2
<i>Tank</i>	Tobacco/unflavored	23	11.5	33	20.6	56	15.6
	Menthol/mint	20	10.0	17	10.6	37	10.3
	Fruit/other	61	30.5	71	44.4	132	36.7
<i>Disposable</i>	Tobacco/unflavored	6	3.0	2	1.3	8	2.2
	Non-tobacco flavors	13	6.5	2	1.3	15	4.2

Data are unweighted and unadjusted. Dual users: currently smoking and vaping. Exclusive vapers: ex-smokers who switched to ENDS.

**Supplemental Table 2.** Continued abstinence from smoking (versus relapse back to smoking) in 2020 among baseline frequent exclusive ENDS users who were ex-smokers in 2018 (n=160)

2018 ENDS flavor/device being used most often	2020 smoking status	
	Weighted % (n)	
	Remained quit	Returned to smoking
Tobacco/unflavored: all devices (n=50)	93.2 (47)	6.8 (3)
Menthol/mint: all devices (n=27)	83.4 (24)	16.6 (3)
Fruit and other flavors: disposable/tank (n=72)	89.3 (64)	10.7 (8)
Fruit and other flavors: cartridge* (n=11)	95.2 (10)	4.8 (1)
Overall	90.2 (145)	9.8 (15)

Data are weighted and adjusted for sex, age group and time-in-sample. \*Flavor-device combination enforced under the 2020 federal policy.

**Supplemental Table 3.** Smoking status in 2020 among baseline (2018) dual users (smokers and frequent ENDS users)

2018 ENDS flavor/device used most often by dual users	2020 smoking status					
	Weighted % (n)					
N=200	Remained smoker & frequent vaper	Remained smoker & reduced/quit vaping	Overall continued smoking	Quit smoking & remained frequent vaper	Quit smoking & reduced/quit vaping	Overall quit smoking
Tobacco/unflavored: all devices (n=60)	61.8 (36)	22.3 (14)	<b>83.9</b> (50)	10.6 (5)	5.2 (5)	<b>16.1</b> (10)
Menthol/mint: all devices (n=50)	51.5 (23)	30.1 (18)	<b>81.2</b> (41)	12.9 (4)	5.5 (5)	<b>18.8</b> (9)
Fruit and other flavors: disposable/tank (n=68)	37.1 (23)	28.3 (21)	<b>66.8</b> (44)	26.2 (16)	8.4 (8)	<b>33.2</b> (24)
Fruit and other flavors: cartridge* (n=22)	62.3 (10)	12.1 (4)	<b>78.4</b> (14)	4.9 (3)	20.7 (5)	<b>21.6</b> (8)
Overall (N=200)	52.2 (92)	25.3 (57)	<b>77.5</b> (149)	14.9 (28)	7.6 (23)	<b>22.5</b> (53)

Data are weighted and adjusted for: sex, age, time-in-sample, and baseline smoking status (daily/non-daily).

Overall estimates deviate slightly from the two previous columns due to model parameter differences after combining the two groups.

\*Flavor-device combination enforced under the 2020 federal policy.