

**Table S1:** Characteristics of adults and youth in the Population Assessment of Tobacco and Health (PATH) study in 2015–2017 (Waves 2–4) and 2017–2019 (Waves 4–5), given as numbers (N) and weighted percentages (%).

	Youth Waves 2-4		Youth Waves 4-5		Adults Waves 2-4		Adults Waves 4-5	
	%	N	%	N	%	N	%	N
Total	100	12067	100	12538	100	24242	100	28061
Gender								
Female	48.6	5861	49.0	6054	52.1	12591	62.0	13522
Male	51.3	6206	51.0	6484	47.9	11651	48.0	14539
Race/ethnicity								
Non-Hispanic White	51.9	5509	51.2	5528	64.3	13991	63.7	15840
Non-Hispanic Black	22.9	3504	22.9	3741	15.3	4544	15.5	5505
Hispanic	12.7	1586	12.7	1635	11.1	3543	11.0	4171
Non-Hispanic Other/Unknown	12.5	1468	13.2	1634	9.3	2164	9.8	2545
Age (years)								
12-14	57.5	7123	49.2	6254				
15-17	42.5	4944	50.8	6284				
18-24					14.3	7929	12.2	8891
25-34					17.5	4581	17.9	5794
35-54					33.2	6719	33.3	7470
55+					35.0	5013	36.5	5906
Tobacco & ENDS use state								
Never established use	96.6	11692	96.2	12066	58.8	11968	57.9	13894
Non-current use	1.1	127	1.4	183	21.8	4079	23.1	5323
Cigarette-only use	1.0	116	0.7	92	16.4	6875	16.0	7365
Non-daily	0.5	59	0.4	49	3.4	1320	3.2	1425
Daily	0.5	57	0.3	43	13.1	5555	12.8	5940
ENDS-only use	1.0	99	1.4	169	1.3	564	1.5	758
Non-daily	0.8	77	1.2	144	0.4	208	0.4	249
Daily	0.2	22	0.2	25	0.9	356	1.1	509
Dual cigarette and ENDS use	0.3	33	0.2	28	1.7	756	1.5	721
Non-daily cigarette, non-daily ENDS	0.1	16	0.1	16	0.2	92	0.2	100
Non-daily cigarette, daily ENDS	0.1	6	0.0	3	0.3	142	0.4	168
Daily cigarette, non-daily ENDS	0.1	8	0.0	5	0.8	362	0.6	316
Daily cigarette, daily ENDS	0.0	3	0.0	4	0.4	160	0.3	137