Supplementary Online Content

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Association Between e-Cigarette Use and Depression, Stratified by Sex

E-cigarette use status	Women OR (95%CI) (N=502,448)	Men OR (95%CI) (N=389,659)
Never users	**Ref**	**Ref**
Former Users	1.71 (1.62, 1.80)	1.48 (1.39, 1.56)
Current Users	2.17 (2.00,2.35)	2.05 (1.88, 2.24)

*Adjusted for age, sex, race, income, marital status, education, employment, cigarette smoking, heavy alcohol use.

eTable 2. Association Between e-Cigarette Use and Depression, Stratified by Age

E-cigarette use status	18-24 years (N=49,865) OR (95% CI)	25-29 years (N=42,817) OR (95% CI)	30-34 years (N=47,526) OR (95% CI)	35-39 years (N=50,756) OR (95% CI)	40-44 years (N=49,960) OR (95% CI)	45-49 years (N=60,185) OR (95% CI)	≥ 50years (N=580,575) OR (95% CI)
Never users	Ref	Ref	Ref	Ref	Ref	Ref	Ref
Former users	1.64 (1.47,1.83)	1.70 (1.51,1.91)	1.63 (1.45,1.84)	1.57 (1.38,1.77)	1.54 (1.34,1.77)	1.47 (1.29,1.68)	1.65 (1.55,1.75)
Current users	2.22 (1.92,2.57)	2.13 (1.80,2.52)	2.11 (1.77,2.52)	2.26 (1.87,2.73)	1.70 (1.37, 2.11)	1.92 (1.54,2.41)	2.06 (1.88,2.26)

*Adjusted for age, sex, race, income, marital status, education, employment, cigarette smoking, heavy alcohol use.

eTable 3. Association Between e-Cigarette Use and Depression, Stratified by Race/Ethnicity

E-cigarette use status	White OR (95%CI) (N=677,077)	Black OR (95%CI) (N=70,261)	Hispanic OR (95%CI) (N=71,549)	Other OR (95%CI) (N=58,243)
Never users	Ref	Ref	Ref	Ref
Former Users	1.52 (1.46,1.59)	1.39 (1.22, 1.58)	1.91 (1.67, 2.17)	2.02 (1.72, 2.37)
Current Users	2.01 (1.88, 2.14)	1.96 (1.56, 2.48)	2.45 (1.99, 3.03)	2.38 (1.86, 3.04)

*Adjusted for age, sex, race, income, marital status, education, employment, cigarette smoking, heavy alcohol use.

eTable 4. Association Between e-Cigarette Use and Depression Among Students

E-cigarette use status	Students OR (95%CI) (N=23,426)
Never users	Ref
Former Users	1.57 (1.33,1.86)
Current Users	2.01 (1.58,2.56)

*Adjusted for age, sex, race, income, marital status, education, employment, cigarette smoking, heavy alcohol use.