

Press Release

December 28, 2020

FOR IMMEDIATE RELEASE

CONTACT:

Dr. Sharon Harris

516- 676-2008

safeglencove@yahoo.com

SAFE Glen Cove Coalition: Trends in Use and Perceptions of Nicotine Vaping Among US Youth From 2017 to 2020

A recent research article published in JAMA Pediatrics sought to determine how has nicotine vaping prevalence trended among US adolescents from 2017 to 2020. In this survey study of 8660 10th- and 12th-grade students, increases in teenage vaping from 2017 to 2019 halted in 2020. Significant declines in use of the JUUL brand were countered by significant increases in use of other vaping brands indicating adolescent nicotine vaping remains highly prevalent, and this study found that 22% of teenagers vaped nicotine in the past 30 days in 2020.

US adolescent nicotine vaping increased at a record pace from 2017 to 2019, prompting new national policies to reduce access to flavors of vaping products preferred by youth. The study sought to estimate prevalence, perceived harm, and accessibility of nicotine vaping products among US adolescents from 2017 to 2020. The study included data from Monitoring the Future, (MTF) which conducted annual, cross-sectional, school-based, nationally representative surveys from 2017 to 2020 of 10th- and 12th-grade students about vaping and other topics.

In 2020, Monitoring the Future (MTF) surveyed 8660 students in 10th and 12th grade, of whom 50.6% were female, 13% were non-Hispanic Black, 29% were Hispanic, and 53% were non-Hispanic White. Nicotine vaping prevalence in 2020 was 22% for past 30-day use, 32% for past 12-month use, and 41% for lifetime use; these levels did not significantly change from 2019.

Daily nicotine vaping significantly declined from 9% to 7% over 2019 to 2020. JUUL brand prevalence in the past 30 days decreased from 20% in 2019 to 13% in 2020, while use of other brands increased. Among youth who vaped in the past 30 days in 2020, the most often used flavor was fruit at 59% followed by mint at 27% and menthol at 7%; Significantly fewer reported easy access to vaping devices and nicotine solutions compared with 2019; and 80% reported they could easily get a vaping flavor other than tobacco or menthol. Among all youth, perceived risk of both occasional and regular nicotine vaping increased from 2019 to 2020.

In conclusion, increasing US adolescent nicotine vaping trends from 2017 to 2019 halted in 2020, including a decline in daily vaping. Decreases in perceived accessibility of some vaping products, as well as increases in perceived risk of nicotine vaping, occurred from 2019 to 2020. Yet, adolescent nicotine vaping remains highly prevalent, flavors remain highly accessible, and declines in JUUL use were countered by increased use of other brands.

JAMA Network Open is a monthly open access medical journal published by the American Medical Association covering all aspects of the biomedical sciences. For more information please visit www.jamanetwork.com

SAFE, Inc. is the only alcohol and substance abuse prevention, intervention and education agency in the City of Glen Cove. Its Coalition is concerned about vaping and seeks to educate and update the community regarding its negative consequences. To learn more about the SAFE Glen Cove Coalition please follow us on www.facebook.com/safeglencovecoalition or visit the Vaping Facts and Myths Page of SAFE's website to learn more about how it's detrimental to your health www.safeglencove.org.