

Substance Abuse Trends Alert!

April 2019

Rapid Increase in E-Cigarette Use among Florida Youth

Emerging Epidemic in Electronic Cigarettes

According to [The 2016 Surgeon General Report](#), increases in electronic cigarette use, particularly among adolescents, indicates an emerging epidemic despite significant declines in tobacco use. More than 500 brands and flavors of electronic vaping products are currently marketed while the [FDA funds research in collaboration with the National Institute of Health](#) to identify evidence-based regulations for these products.

Electronic Cigarettes

Electronic cigarettes are battery-operated devices that typically deliver a heated liquid containing nicotine, flavorings, and other chemicals to users via an inhaled aerosol. These devices are known by a variety of names, including “e-cigs,” “vape pens” and “tank systems.”



Source: Times New Harold.com

Increased Use of Electronic Cigarettes by Florida Adolescents

Vaping rates are the highest they have ever been in Florida according to data from both the 2018 [Florida Youth Substance Abuse Survey \(FYSAS\)](#) and the [Florida Youth Tobacco Survey](#). Lifetime use of electronic cigarettes by Florida adolescents (aged 11-18 years old) increased from 25.8% in 2016 to 27.1% in 2018. Past 30-day electronic cigarette use increased 43% in two years from 9.6% in 2016 to 13.7% in 2018. Both middle school and high school students reported increased past 30-day use with an increase from 5.1% in 2016 to 6.4% in 2018 for middle schoolers and an increase from 12.8% in 2016 to 19.2% in 2018 for high school students. There was a 2-year increase of 25% and 64% for middle and high school students respectively.

Electronic Cigarette Use is Higher among Girls than Boys in Florida

[FYSAS](#) data also indicate that adolescent girls are using electronic cigarettes more often than boys in Florida. From 2016 to 2018, reported 30-day past use rates for adolescent males rose from 10.6% to 14.0% - a 32% increase. During the same period, the rate of electronic cigarette use for adolescent girls was almost double that of boys - increasing from 8.4% to 13.5% for a 61% increase.

Summary

Vaping poses a considerable – and avoidable – health risk to young people. While waiting for better data on the long-term effects of “vaping” and additional regulations, it is prudent to seek paths to prevent use, especially among teens. For additional resources relating to the prevention of cigarette alternatives among youth, please visit the following websites:



OFFICE OF SUBSTANCE ABUSE AND MENTAL HEALTH
MYFLFAMILIES.COM

Sponsored by the Florida Alcohol and Drug Abuse Association and the State of Florida, Department of Children and Families

FADAA
FLORIDA ALCOHOL & DRUG ABUSE ASSOCIATION

Recommended Websites

[CADCA Electronic Nicotine Delivery Systems: Juuling, Other Trends and Community Prevention](#)

[CDC Resource Materials](#)

[Florida Department of Children and Families Know the Cost: Youth Tobacco Prevention Video](#)

[Florida Department of Health youth vaping. infographic](#)

[Florida Department of Health Florida Youth Tobacco Survey \(FYTS\)](#)

Reference

[Florida Youth Substance Abuse Survey \(FYSAS\) and the Florida Youth Tobacco Survey.](#)

[U.S. Department of Health and Human Services. E-cigarette use among youth and young adults: A report of the Surgeon General. Atlanta, GA: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, 2016.](#)

[U.S. Department of Health and Human Services, Tobacco regulatory science, 2018.](#)



OFFICE OF SUBSTANCE ABUSE
AND MENTAL HEALTH
MYFLFAMILIES.COM

Sponsored by the Florida Alcohol and Drug
Abuse Association and the State of Florida,
Department of Children and Families

FADAA
FLORIDA ALCOHOL & DRUG ABUSE ASSOCIATION