

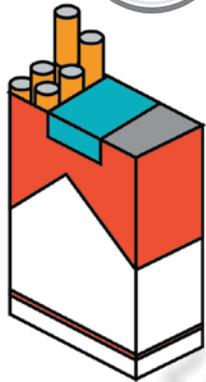
Vaping & Youth

Also known as vapes, JUUL, e-cigs, or mods, **e-cigarettes** have become increasingly popular with teens.¹ E-cigarettes can lead to nicotine addiction and increased risk for addiction to other drugs.² Most vapes contain nicotine, even those that claim to be nicotine-free.

In 2019, **14.5%** of Montgomery County youth reported vaping³

Pennsylvania average is 19%

All JUUL e-cigarettes have a high level of nicotine. According to the manufacturer, a single JUUL pod contains as much nicotine as a pack of 20 cigarettes.¹



Teen e-cigarette users are 3.8 times more likely to start smoking tobacco products compared to non-users.⁴

Text QUIT to 706-222-QUIT

Keys to Success

Nicotine is highly addictive and can harm the adolescent brain, which continues developing until about age 25.¹

Vaping can be done with any combination of flavoring, nicotine, marijuana or hash oil.

What's inside?

e-liquid

- Nicotine
- Diacytyl, a chemical linked to lung disease
- Cancer-causing chemicals
- Ultrafine particles that can be inhaled deep into the lungs
- Aldehydes
- Heavy metals such as nickel, tin, and lead

Adolescents are particularly vulnerable to harm, given the effects of cannabis on neurological development.¹



Adolescents viewing medical marijuana advertising are more likely to use, and have positive views about, marijuana.³

In 2019, **37.2%** of the 14.5% of Montgomery County youth who reported vaping, were vaping marijuana or hash oil.⁴

A Students who smoke marijuana may get lower grades and may be more likely to drop out of high school than their peers who do not use.⁶

C



1 in 6 marijuana users under 18 will become addicted.⁸

Marijuana & Youth



Marijuana use has been linked to a range of mental health problems in teens such as **depression or anxiety**.²

17% (1 in 5) of crash victims under the age of 18 tested positive for marijuana.⁵

THC

THC (delta-9-tetrahydrocannabinol) is the psychoactive ingredient in marijuana. Through botany and chemistry, potency has increased dramatically.⁷

THC in Dried Plant

<2% in 1960s to 1980s
4% in 1995
17.1% in 2017

THC in Concentrates

up to 90% THC

¹American Psychiatric Association | ²University of Oxford. 2019 | ³D'Amico, Rodriguez, Tucker, Pedersen, Shih. Drug and Alcohol Dependence. 2018 | ⁴2019 Pennsylvania Youth Survey (PAYS) | ⁵National Highway Traffic Safety Administration | | ⁶Broyd, S.J., et al., Acute and Chronic Effects of Cannabinoids on Human Cognition-A Systematic Review. Biol Psychiatry. 2016 | ⁷Biol Psychiatry. 2016; Eur Arch Psychiatry Clin Neurosci. 2019; Elizabeth Stuyt, Mo Med. 2018 | ⁸Centers for Disease Control & Prevention

Keys to Success: Vaping, Marijuana & Youth School Drug & Alcohol Policy



Created by the Montgomery County
Department of Health and Human Services
Office of Drug and Alcohol.