



# Vaping

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## Vape Slang Terms:

**Juuling-** (Juil or jewelng) vaping brand that has become synonymous with vaping THC, looks like a flash drive as opposed to an e-cig

**E-cig-** electronic cigarette

**THC-** Tetrahydrocannabinol, is a chemical linked to marijuana's psychological effects

**MOD-** body of a vaping cartridge or battery

**Atty-** (Atomizer) Heating element in e-cig wrapped around wick that produces vapor

**Dabbing-** vaping or inhaling high-grade marijuana concentrates, known to be dangerous

**B&M-** (Brick and Mortar) refers to a vape shop with a physical location you can visit

**Liquidizer-** Turns 420 Concentrate, marijuana, to vape juice

## Vaping:

- Act of inhaling and exhaling aerosol, or vapor, produced by an e-cigarette
- Grown in popularity since being introduced in 2007
- Vaping devices include e-cigarettes (e-cig), vape pens, and advanced personal vaporizers
- E-liquid in vaporizers could contain: liquid based nicotine, flavored liquid, or other chemicals

## Vaping THC:

- Vaping THC does not replicate the unmistakable odor of marijuana that is associated with traditional smoking
  - Any flavoring can be added to mask the THC smell, such as cherry or strawberry
    - Other popular flavoring: Black Mamba, Rip Tide, Swagger, Boosted, Mother's Milk
- Vaping THC produces higher concentrations of THC creating greater exposure to marijuana's mind altering and addictive ingredient
  - THC affects a person's memory, pleasure, movements, thinking, coordination, concentration, sensory, and time perception

## Methods of Vaping THC:

### Marijuana Flowers:

- Plant compound
- Marijuana buds or "flowers" are grinded into small pieces to break down the material, which creates more surface area
- Vaporizers apply heat just below the temperature of combustion



Marijuana Flower



Oil Cartridge

### Oil Cartridges:

- Easy to use, high in THC, pre-filled oil vape cartridge
- Prefilled Oil Vape Cartridges:
  - CO2 Oil- compatible with vaporizer cartridges
  - Distillates- contains pure cannabinoids
  - Additives- used as a thinning agent/contains hash oils



Wax



Shatter

### Wax and Shatter:

- Wax is the most popular form of all marijuana concentrates, Shatter is broken up pieces of wax
- A specialized wax pen allows users to vape wax in solid form

## Hazards of Vaping:

### Explosions:

- Vape pens are at risk of overheating and exploding, in many cases due to the lithium-ion-polymer batteries
  - In Old Bridge Township in Middlesex County, NJ a woman's vape pen exploded in her purse. [New York PIX: September 13, 2018](#)
  - A subject from Florida was killed after a vape pen exploded and sent projectiles into his head. The explosion also caused a small fire in the subjects' home. [Philly.com: May 18, 2018](#)

### Burns:

- There have been cases in which vape pens are susceptible to catching fire and causing third-degree burns
  - A subject from San Jose, CA suffered third-degree burns on his hand and leg after a vape pen exploded in his pocket in February of 2018. [NY Daily News: February 13, 2018](#)

### Drug Laced:

- In cases such as teen use of vaping, users may be unaware of the potential harms or materials in which they are inhaling
  - A case in Gloucester Township, Gloucester County, NJ linked high-concentrated THC in a vape pen-ending suspect into psychotic episode. [CBS Local Philadelphia: May 31, 2018](#)

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## Recent Vape Seizures/News:

### Appalachia HIDTA:

- In Summersville, WV 5 lbs. and 2.33 lbs. of THC were seized [May 2018 Bulletin](#)
- [June 2018 Bulletin](#) detailing Operation Parcel Pickers recent seizures identified:
  - Seizure of 50 fluid oz. of hemp/marijuana oil seized in route to Leonminster, MA from Tustin, CA.
  - 25 pins of vape marijuana originating in Nutley, NJ, was seized in route Buffalo, NY

### DEA Warning

- The DEA issued a warning in regards to teenagers' vaping.
- In the video, 1 in 3 high school students are stated to be using a vaping device. Teenagers may be unaware of nicotine or THC oil, found in marijuana, in a vape pen. Teenagers are at risk of addiction when using a Juul or other e-cigarette devices. [DEA Warning Video](#)

### Gulf Coast HIDTA

- In Union County, MS 52 lbs. of high-grade marijuana, and 6 THC E-cigarettes was seized [May 14, 2018 Bulletin](#)
- In Crawford County, AR 20 lbs. of marijuana and 1 THC E-cigarette was seized [May 14, 2018 Bulletin](#)
- Another incident in Crawford County, AR was reported where 7.5 lbs. of marijuana, 1 THC vape pen, and other drug paraphernalia was seized [May 31, 2018 Bulletin](#)
- In Campbell County, TN 3 lbs. of marijuana and 1,000 THC vape pens were seized while in route to Pittsburgh, PA [June 26, 2018 Bulletin](#)

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## Effects on Schools:

- Schools have had little warning regarding the use of vape pens among students, making it difficult to develop a policy to control it. Teenagers said Juuls began showing up at parties last year, by the fall were at school and football games. Now, students post videos of themselves doing vapor tricks on social media. [The New York Times: April 2, 2018](#)
- The 2017 Monitoring the Future survey on adolescent drug use found that 11% of 12<sup>th</sup> graders, 8.5% of 10<sup>th</sup> graders, and 3.5% of 8<sup>th</sup> graders had vaped nicotine in the previous 30 days. Of those high school seniors, 24% reported vaping daily, which the study defined as vaping on 20 or more occasions in the previous 30 days, said Richard A. Miech, a professor at the Institute for Social research at the University of Michigan and a principal investigator of the study. 19% reported vaping on 40 or more occasion during that period. [2017 Monitoring the Future Survey as reported by The New York Times: April 2, 2018](#)
- In Monmouth and Ocean County, NJ, school superintendents are now enforcing anti-smoking policies, while also educating parents and students on the dangers of nicotine addiction. Also, schools are warning the dangers of vape and e-cigarette risk of explosion and other serious injuries due to malfunctions. [Jersey Shore Online: April 2, 2018](#)
- Several School Districts in New Jersey have adopted specific policies regarding students found with an e-cig or vape pens.
  - Millburn School District in Essex County, NJ now requires any student caught with a vaping device to be drug tested. [The New York Times: April 2, 2018](#)
  - The Township of Evesham in Burlington County, NJ adopted a local law on April 5, 2018. Teenagers under 18 years of age can now be fined if caught in possession of vaping instruments. First offense will be a written warning and the parents will be notified, second offense is a \$50 fine, and each offense after will be an increase in the fine. [NBC10: April 12, 2018](#)

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## Types of Vape Pens:

- E-cigarette
- Pen vapes
- Large size tank devices
- Medium size tank devices
- Portable flower vapes
- Portable oil vapes
- Wax Pen

