

## Vaping Trends in Michigan

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"Vaping" and the use of e-cigarettes has become increasingly popular with teens.

-perceived health benefits -perceived health benefits -easier to conceal -online purchases -lack of odos



Vaping is the act of inhaling the vapor produced by heating up water, chemicals, nicotine or marijuana based products.

This inhalation method has been around since the 60's, and its invention is often attributed to a Chinese pharmacist who was inspired by his father who died of lung cancer. The first commercially available E-Cig was



Vaping is nearly as trendy as skinny jeans and beards

In the 2000's e-cigs and vaping became popular as a legitimate method to guit smoking



Vape devices come in all kinds of shapes and varieties.



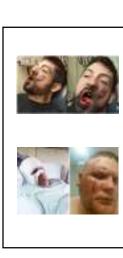
Vape liquids or "juices" are made by many different companies and come in a variety of flavors.











Burns from failed batteries in vape pens



Some vape pens are designed to be concealed



Flash Drive or Vape Pen?

These concealed vape pens are becoming more popular in schools. They are easily concealed and can be charged right in the school computer!



"Juuling" popularity



The Juul vape device has become extremely popular in Michigan schools because it is so easy to conceal and looks like a USB drive. The MEA recently published a report detailing the rise in use of the device.



"We believe that students are increasingly using these types of devices and they are getting harder to detect," said MEA member Erika Sponsler, a teacher at Western High School in Jackson County. "They slip easily into an iPad case making it appear students are charging their iPad," Sponsler said. She notes, "With little or no odor; it can be very hard to catch students using them—even in public spaces."

## E-Cigs and Youth

- As of August 8, 2016, the U.S. FDA imposed the minimum sales age of 18 for the purchase of e-cigarettes.
- ► However, the regulation of the chemicals that are "allowed" in E-cigarettes will not be finalized until August 2018.
- E-cigarette companies aggressively market their product to youth as glamorous, healthy and rebellious in both traditional and social media, using methods long-prohibited to conventional tobacco companies, such as celebrity endorsements.

Their goal is to get you "hooked" at a young age.





"Vaping" vs "Dabbing"





Traditional Vape pens can be used to consume "dabs"

-Concentrate is placed on the heating coil/chamber -Temperatures are generall lower than with a "dab rig" -It's easier to conceal and



## "Dabbing" using a dab rig/nail

-A dab rig is a modified water bong. -A special plate called a "Nail" is heated with a butane torch to a high temp. -Concentrate is applied directly to the "nail" using a metal rod. -The concentrate is instantly vaporized and inhaled through the rig.

QUESTIONS?

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