

What you need to know about E-cigarettes

What are E-cigarettes?

Generally, e-cigarettes contain a battery, a heating element, and a place to hold the liquid or "juice". The device heats the liquid to produce an aerosol which is inhaled into the lungs by the user.

These types of products are also referred to as e-hookahs, mods, vape pens, vapes, tank systems, and ENDS (electronic nicotine delivery system).

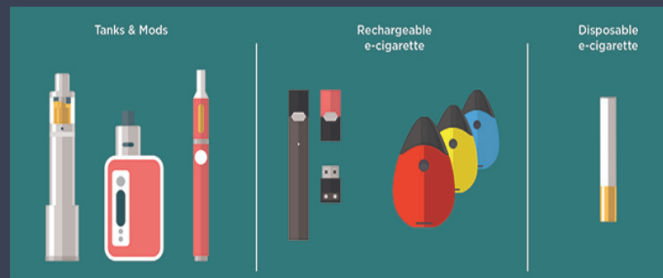


Image: CDC

What is in the aerosol?

E-cigarettes produce an aerosol (not water vapor) which contains many harmful substances such as:



Cancer-causing chemicals



Diacetyl (linked to lung disease)



Heavy metals (Nickel, Tin, Lead)



Volatile Organic Compounds (gasoline, paint thinners)



Nicotine

Why are E-Cigarettes a problem?

E-cigarettes are now the most commonly used tobacco product among youth in the U.S. due to:

- predatory targeting of youth
- candy/fruity flavors
- cool design

These products deliver higher levels of nicotine, which causes:

- harm to developing brain
- problems with attention
- memory loss
- decreased impulse control
- mood disorders
- likelihood of addiction to other tobacco products

E-cigarette use in Michigan



Data from counties across Michigan show an increase in the percentage of high school students using e-cigarettes.

Under Michigan law, while the sale of e-cigarettes to minors is prohibited, e-cigarettes are not subject to the Tobacco Tax or covered by the Smoke-Free Air Law.

A Public Health Emergency

78% Increase

E-cigarette use among high schoolers increased by 78% from 2017 to 2018

The United States Surgeon General has declared that the rise in youth e-cigarette use is a public health emergency.

For more information, please contact the Michigan Department of Health and Human Services Tobacco Section at (517) 335-8376

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