

# Youth in Canada is diagnosed with illness related to vaping

September 18 2019, by Rob Gillies

---

A high school student in Canada has been diagnosed with a severe respiratory illness related to vaping, officials said Wednesday, in what's believed to be the first reported case in the country.

Dr. Christopher Mackie, medical officer of health and chief executive of the Middlesex-London Health Unit in London, Ontario, said the youth was on [life support](#) at one point but has since recovered and is at home.

"The only issued that was identified was that the individual vaped [e-cigarettes](#)," Mackie said. "As far as we are aware this is first case of vaping related illness that's been reported in Canada."

Health officials in the United States are investigating a mysterious surge of severe breathing illnesses linked to vaping. They have identified 380 confirmed and probable cases in 36 states and one territory, including six deaths.

Mackie said the student had been using electronic cigarettes daily. He said officials know the brand used and whether they were using cannabis, but he declined to release those details. He added that no particular brand has been implicated in other cases elsewhere.

Health Canada issued a warning recently urging people who vape to watch for symptoms such as a cough, [shortness of breath](#) and [chest pain](#).

It also said that [health care professionals](#) should ask patients about their

use of e-cigarette products if they have respiratory symptoms.

British Columbia's top health official, Dr. Bonnie Henry, said last week it was just a matter of time before cases are reported in Canada.

"It's important that people understand that vaping does create [health risks](#) here in Canada as well," Mackie said.

But he said more information needs to be collected before a potential ban is considered.

Canadian Health Minister Ginette Petitpas Taylor said officials are not talking about banning vaping at this point but said they are considering banning certain flavors. She said they want to step up regulations so that vaping is not appealing to youth.

U.S. doctors say the illnesses appear to be a response to the inhalation of a caustic substance. Symptoms have included shortness of breath, fatigue, chest pain, diarrhea and vomiting.

Many stricken adolescents and [young adults](#), previously healthy, have required machines to help them breathe. The six deaths that have been reported have all adults and at least some with pre-existing lung problems or other conditions that may have made them more susceptible.

No cause has been established, but some researchers suspect vitamin E acetate, which recently has been used as a thickener, particularly in black market vape cartridges. Suppliers say it dilutes vape oils without making them look watery. Inhaling oily vitamin E droplets into the lungs can trigger pneumonia.

© 2019 The Associated Press. All rights reserved.

Citation: Youth in Canada is diagnosed with illness related to vaping (2019, September 18)  
retrieved 5 February 2024 from  
<https://medicalxpress.com/news/2019-09-youth-canada-illness-vaping.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.