



Michigan

CHAPTER

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September 12, 2019

House Oversight Standing Committee Public Testimony
RE: Protection of Youth from Nicotine Product Addiction Emergency Rules
House Office Building Room 326
Lansing, MI 48933

Dear Chairman Hall and Members of House Oversight Standing Committee:

The Michigan Chapter of the American College of Cardiology (MCACC) supports Governor Whitmer's action in declaring a public health crisis on youth vaping. We feel that the Emergency Rules are the first necessary step to curb the use of e-cigarettes in Michigan due to increasing evidence of the associated risks.

- New research from the Tobacco Center for Regulatory Science of the American Heart Association finds young adults are especially influenced by flavors in e-cigarettes. Users of flavored e-cigarettes reported greater satisfaction but also a greater perception of being addicted to these products than users of non-flavored e-cigarettes. Flavors are more likely to motivate and attract young adults 18-24 than those over age 35 to start vaping and continue their use. Researchers suggest this could explain some of the explosive increase in e-cigarette use among youth.
<https://www.sciencedirect.com/science/article/abs/pii/S0306460318311821?via%3Dihub>
- In August of this year, researchers reported that, in a small group of healthy young people who did not smoke or vape, vaping one nicotine-free e-cigarette produced transient changes in blood vessels similar to those seen in early atherosclerosis.
<https://pubs.rsna.org/doi/10.1148/radiol.2019190562>
- A paper published in June 2019 concludes, "Some-day and every-day e-cigarette use are associated with increased risk of having had a myocardial infarction, adjusted for combustible cigarette smoking. Effects of e-cigarettes are similar as conventional cigarette and dual use of e-cigarettes and conventional cigarettes at the same time is riskier than using either product alone."
<https://www.ahajournals.org/doi/10.1161/JAHA.119.012317>
- Research released in March 2019 showed that adults who report use of e-cigarettes are significantly more likely to have a heart attack, coronary artery disease and depression compared with those who don't use them or any tobacco products. The study's lead author said, "Until now, little has been known about cardiovascular events relative to e-cigarette use. These data are a real wake-up call and should prompt more action and awareness about the dangers of e-cigarettes." <https://www.acc.org/about-acc/press-releases/2019/03/07/10/03/ecigarettes-linked-to-heart-attacks-coronary-artery-disease-and-depression>

It is imperative that we support the immediate action of the Protection of Youth from Nicotine Product Addiction Emergency Rules to quell the marketing tactics that tempt our children with flavoring and packaging and that disguise the dangers of e-cigarettes.

Sincerely,

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