

Call for posters - “International conference on the E-Cigarette: patterns of use and health impacts”



Call for posters

“International conference on the E-Cigarette: patterns of use and health impacts” - Paris, on 5-6th December 2022

Submission form

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NB: Please fill out one form for each abstract

Contact details of the corresponding author or organiser

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Background information

Theme of conference

Patterns of use

Keywords (please select 3 keywords to confirm your choice)

Health equity

Risk behaviors/protector behaviors

Youth

Abstract title

Trends in the prevalence of e-cigarette use and complimentary risky behaviors among youth and adults in Mexico: A staggered longitudinal analysis of the ENSANUT from 2000 to 2021

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Number of co-authors

1

Co-author 1

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Abstract details

Background, method, results and conclusions

Background: On 31 May 2022, Mexico outlawed the sale of e-cigarettes by decree, which was originally motivated by the North American outbreak of vaping-associated lung injuries. Although the US CDC has since attributed these events to illicit THC devices, the endemic threat of youth nicotine exposure motivated the Mexican government to eliminate its domestic e-cigarette commercial market.

Method: This retrospective cohort study estimated the annual prevalence of e-cigarettes and smoking among youth and adults in Mexico for the years 2000, 2006, 2012, 2018, 2021, and 2021. Relative risk estimates for various risky behaviors based on tobacco status were then estimated nationally and stratified by state.

Results: From 2018 to 2021, the use of e-cigarettes among youth ages 10 to 19 years old slightly dropped from 1.41% (95% CI: 0.0125 to 0.0160) to 1.27% (95% CI: 0.0097 to 0.0166), while the use of e-cigarettes among adults slightly increased from 1.18% (95% CI: 0.0108 to 0.0128) to 1.18% (95% CI: 0.0101 to 0.0138) during the same period. Cigarette use among both populations significantly dropped between 2000 and 2021. Additionally, risky behaviors were more common among tobacco users in both groups.

Conclusions: E-cigarette use dropped among youth while remaining unchanged among adults.

Main messages

Unlike the US, the proliferation of e-cigarette use among adults did not increase tobacco initiation among youth in Mexico. Global health officials should review Mexico's prior strategies to better promote smoking cessation among adults.

Type of study / research

Longitudinal

Geography of the study

Outside Europe

Funding of study

Federal source

No

State source

No

Nonprofit Grant Funding Entity Source

No

Nonprofit Grant Funding Entity Source

No

Academic Institution Source

No

Pharmaceutical Industry Source

No

Tobacco/E-Cigarette Industry Source

No

Declaration of interest

The submitter declares that during the past 5 years have a direct nor indirect link (professional*, personal or financial) with the tobacco and e-cigarette companies**

Yes

If yes, please specify

Jacob James Rich conducts research for Reason Foundation, which is a 501(c)(3) nonprofit organization that receives almost 2% of its funding from tobacco manufacturers.

Dr Roberto A Sussman assists Pro-Vapeo Mexico, a non-profit NGO, as a pro bono scientific advisor.

Pro-Vapeo Mexico has never received any funding from the tobacco or e-cigarette industries.