

E-Cigarettes/Vapes

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What is vaping?

Vaping consists of inhaling a smoke-free aerosol through a mouthpiece, which is produced through the heating of a liquid such as glycol or glycerin in an electronic device.



Why do people vape?

Current Cigarette Smokers: used by smokers as a harm-reduction intervention aimed to assist with cigarette-smoking cessation.¹

Youth & Young Adults: flavoring, discreteness, easy accessibility, desire to experiment, perceptions that they are safer, and advertising as well as marketing that directly targets young people.¹

What are the known possible dangers?

- Lung disease
- Acute lung injury
- Cardiovascular (heart) disease
- Inhalation of secondhand e-cigarette emissions.

Global Policy Approaches

- Age limits
- Restricting Advertisements
- Placing bans on vaping in public places
- Classifying e-cigarettes as toxic and poisonous substances
- Banning flavoring and marketing to children
- Banning vaping near schools
- High taxes on e-cigarettes
- Prohibiting vape products.

Global Vape/E-Cigarette Sales in 2022: \$22.8 Billion⁴

E-Cigarette/Vape Global Market Size, 2021



Sources:

1. Lyzwiniski, L.N., Naslund, J.A., Miller, C.J. et al. (2022). Global youth vaping and respiratory health: epidemiology, interventions, and policies. *Prim. Care Respir. Med.* 32 (14)
2. Sreeramareddy, C.T., Acharya, K. & Manoharan, A. (2022). Electronic cigarettes use and 'dual use' among the youth in 75 countries: estimates from Global Youth Tobacco Surveys (2014-2019). *Sci Rep* 12 (20967)
3. Institute for Global Tobacco Control. (2020). Country Laws Regulating E-Cigarettes.
4. Statista. (2023). E-Cigarettes - Worldwide

Throughout the world from 2014-2019, nearly
9 out of 10 youth did NOT use e-cigarettes/vapes²



Youth awareness rates of vapes/e-cigarettes:²

Highest Countries

Poland	95.8%
Czech Republic	95.3%
Ukraine	93.2%

Lowest Countries

Cambodia	9.4%
Ghana	14.3%
Togo	16.3%

Lifetime youth e-cigarette/vape use:²

Highest Countries

Italy	55.1%
Latvia	52.4%
Guam	48.2%

Lowest Countries

Cambodia	2.3%
Kazakhstan	3.4%
Kyrgyzstan	5.3%

Current youth e-cigarette/vape use:²

Highest Countries

Guam	35.1%
Poland	26.9%
Niue	22.5%

Lowest Countries

Togo	1.2%
Kazakhstan	2.0%
Cambodia	2.4%

As of 2020...

56

Countries/jurisdictions have a minimum age restriction for the purchase and/or use of e-cigarettes/vapes.³

38

Countries/jurisdictions have child safety packaging regulations.³

51

Countries/jurisdictions require health warnings on e-cigarette/vape packaging.³

78

Countries/jurisdictions prohibit or regulate e-cigarette/vape marketing.³

34

Countries/jurisdictions regulate quality of e-liquid content, require safety and quality evaluation, or have instituted other safety-related regulations.³

85

Countries/ jurisdictions regulate the sale of e-cigarettes.³

26

Countries/ jurisdictions ban sale of all types of e-cigarettes.³