

Vaping and Tobacco Control Bulletin

**Outputs from key organisations and new evidence
relating to e-cigarettes/vaping and tobacco control**

June 2025



Translations



Easy read



BSL



Audio




Large print



Braille

Translations and other formats are available on request at:

 phs.otherformats@phs.scot

 0131 314 5300

Public Health Scotland is Scotland's national agency for improving and protecting the health and wellbeing of Scotland's people.

© Public Health Scotland



This publication is licensed for re-use under the [Open Government Licence v3.0](#).

For more information, visit www.publichealthscotland.scot/ogl

www.publichealthscotland.scot

Contents

Highlights	3
Recent journal articles (from Medline)	3
Recent reports and news (grey literature)	8
Disclaimer	9
Contact	9

Highlights

A selection of publications of particular interest from the last month.

- World Health Organization. **WHO report on the global tobacco epidemic, 2025: warning about the dangers of tobacco**. WHO, 23 June 2025.
- Kundu A, Feore A, Sanchez S, Abu-Zarour N, Sutton M, Sachdeva K, et al. **Cardiovascular health effects of vaping e-cigarettes: a systematic review and meta-analysis**. Heart 2025;111:599–608.
- Action on Smoking and Health Scotland. **Health Secretary backs four-nation approach and cross-party mission to reduce smoking harms and tackle youth vaping**. ASH Scotland, 17 June 2025.
- Begh R, Conde M, Fanshawe TR, Kneale D, Shahab L, Zhu S, et al. **Electronic cigarettes and subsequent cigarette smoking in young people: a systematic review**. Addiction 2025;120:1090–111.
- Public Health Scotland. **NHS stop smoking services - Local Delivery Plan Standard, 2024/25 (Quarter 3)**. PHS, 10 June 2025.

Recent journal articles (from Medline)

A selection of publications from the last month relating to areas of interest relating to vaping and tobacco control. Search criteria are available upon request from Knowledge Services and will be reviewed regularly to consider appropriateness and/or new areas of interest.

The searches are undertaken by PHS Knowledge Services. If you need any help with obtaining the full text of any of the articles, please contact

phs.knowledge@phs.scot

Tobacco Use and Control

- Adebisi YA, Ogunkola IO, Alshahrani NZ, Jimoh ND, Ilesanmi OS. **Determinants of knowledge of risks associated with cigarette smoking among adolescents in Scotland**. Eur J Public Health 2025;35:491–7.
- Buss VH, Brown J, Tattan-Birch H, Jackson SE, Shahab L. **Roll-your-own tobacco use among people smoking menthol cigarettes in Great Britain, 2020-2023: a population-based survey**. Nicotine Tob Res 2025;27:1200–8.
- Chakraborty R, Li Y, Wang Y, Berg C, Zhang S, Bernat D, et al. **Associations between state tobacco control measures and cigarette purchases by U.S. households, 2015-2021**. Prev Med 2025;195:108291.
- Chua ZX, Yeh Lai Amanda C, Lam TJR, Ong JSP, Lim SYW, Kumar S, et al. **Impact of smoke-free legislation on stroke risk: a systematic review and meta-analysis**. Eur Stroke J 2025;10:350–61.
- Hawkins SS, Kuang Y, Baum CF. **Impact of local- and state-level tobacco control policies on prenatal smoking and birth outcomes in the United States, 2005-2018**. J Public Health (Oxf) 2025.
- Jackson SE, Tattan-Birch H, Hopkinson NS, Brown J, Shahab L, Bunce L, et al. **Estimating young adult uptake of smoking by area across the United Kingdom**. Nicotine Tob Res 2025;27:1300–5.
- Poole NL, van den Brand FA, Willemsen MC, Nagelhout GE. **Is seeing cigarettes in the retail environment associated with impulse purchases? findings from surveys in disadvantaged and non-disadvantaged neighborhoods in the Netherlands**. Nicotine Tob Res 2025;27:1274–83.
- Quijano-Gil C, Ponce-Hernández DJ, Regidor E, Belza MJ, Barrio G, Pastor-Moreno G, et al. **Correlation between tobacco control policies and the smoking behaviors of European adolescents from 2005 to 2019**. J Public Health Policy 2025;46:397–410.

- Snell LM, Barnes AJ, Eissenberg T. **Variation in relative risk perceptions and tobacco use by race and socioeconomic status among older adults who smoke: evidence from the population assessment of tobacco and health study.** Nicotine Tob Res 2025;27:1168–76.
- Thrasher JF, Petillo S, Sun Y, Xiong L, Hackworth EE, Ferguson SG, et al. **Evaluating Canada’s innovative policy for health warnings on cigarette sticks: A pre/post assessment among adults who smoke.** Prev Med 2025;198:108330.
- Valentelyte G, Sheridan A, Kavanagh P, Doyle F, Sorensen J. **Socioeconomic variation in tobacco smoking among the adult population in Ireland.** Nicotine Tob Res 2025;27:1218–26.
- Whitacre TR, Crippen A, Monthrope M, Narine T, Liber AC, Friedman AS. **Tobacco product flavour policies in the USA.** Tob Control 2025.

Vaping and Vaping Harms

- Alkattan R, Tashkandi N, Mirdad A, Ali HT, Alshibani N, Allam E. **Effects of electronic cigarettes on periodontal health: a systematic review and meta-analysis.** Int Dent J 2025;75:2014–24.
- Bolaji O, Bahar AR, Bahar Y, Areoye G, Osei AD, Adeboye AA, et al. **Vaping and heart failure: A narrative review.** Cardiol Rev 2025.
- Healy EF, O’Connell A, Yousef MS, Reddin A, Boyle M, Coleman T, et al. **The impact of electronic cigarettes on pregnancy and childhood health outcomes: the ECHO study-a protocol for a multicentre, prospective, observational, cohort.** Arch Gynecol Obstet 2025.
- L G, Brabete AC, Poole N, Huber E, Stinson J. **Vaping guidance and women’s decision-making during pregnancy & postpartum.** Public Health Pract (Oxf) 2025;9:100570.
- Pennington C, Aldave SH. **Disposable electronic cigarettes: chemical composition in new and used devices.** J Chromatogr A 2025;1758:466178.

- Petrella F, Faverio P, Cara A, Cassina EM, Libretti L, Torto SL, et al. **Clinical impact of vaping**. *Toxics* 2025;13.
- Shukri M, Sahib FH, Conner M. **Vaping and mental health: research trends and future directions**. *Nicotine Tob Res* 2025.
- Tattar R, Jackson J, Holliday R. **The impact of e-cigarette use on periodontal health: a systematic review and meta-analysis**. *Evid Based Dent* 2025;26:117–8.
- Sompa SI, Ji J, Rahman M, Sjögren B, Upadhyay S, Ganguly K, et al. **Local and systemic effects in e-cigarette users compared to cigarette smokers, dual users, and non-smokers**. *Respir Res* 2025;26:207.
- White CM, Tessier KM, Lockhart DE, Koopmeiners JS, Hatsukami DK, Donny EC, et al. **E-liquid flavor availability significantly affects cigarette and e-liquid purchasing in an experimental marketplace simulating a low nicotine product standard**. *Nicotine Tob Res* 2025.

Young People and Vaping

- Caouette JD, Epstein M, Halvorson MA, Danzo S, Kuklinski MR, Oesterle S. **Co-occurring change in Electronic Nicotine Delivery System (ENDS) and cigarette harm perceptions and use in young adults**. *Nicotine Tob Res* 2025;27:1192–9.
- Hackworth EE, Vidaña-Pérez D, O’Neal R, Kim M, Fillo J, Hammond D, et al. **Trends in mental health symptoms, nicotine product use, and their association over time among adolescents in Canada, England, and the US: findings from the ITC Adolescents Tobacco and Vaping Survey, 2020-2023**. *Nicotine Tob Res* 2025;27:1256–64.
- Harlow AF, Han D-H, Cho J, Bae D, Adjei A, Leventhal AM, et al. **Oral nicotine product use and vaping progression among adolescents**. *Pediatrics* 2025;155.
- Kim K, Niederdeppe J, Kalaji M, Scolere L, Porticella N, Mathios A, et al. **Contingent effects of e-cigarette warning label messages on cognitive elaboration and fear among U.S. youth ages 14-17 by vaping experience and peer vaping behavior**. *Health Commun* 2025;40:1257–69.

- Kim S, Selya A. **Persistence of youth use of electronic nicotine delivery systems in the population assessment of tobacco and health, 2017-2021.** Subst Use Misuse 2025;1–7.
- Kowitt SD, Noar SM, Duguid I, Johnson M, Lazard AJ, Thrasher JF, et al. **Identifying promising message themes for youth who use multiple tobacco products.** J Adolesc Health 2025;76:1069–76.
- Li W, Davis DR, Wu R, Gueorguieva R, Green BG, Krishnan-Sarin S. **The effect of “ice” components in sweet-flavored nicotine-containing e-liquids among young adult e-cigarette users.** Exp Clin Psychopharmacol 2025.
- Payinda R, Chung ES, Colbert J, Exeter D, Bullen C. **Vape shops on the way to school: geographical analysis of the proximity of specialist vape retailers to New Zealand schools.** Aust N Z J Public Health 2025;49:100235.
- Vu GT, Sun T, Hall W, Connor JP, Thai P, Gartner C, et al. **Trends in social norms toward cigarette smoking and e-cigarette use among U.S. youth between 2015 and 2021.** Nicotine Tob Res 2025.
- Yang A. **The role of messaging and perception in reducing youth vaping.** Nicotine Tob Res 2025;27:1313.

Smoking Cessation

- Al Zayat MN, Melchior M, van der Waerden J, Mahdjoub S, Ibanez G, El-Khoury F. **Factors influencing perceptions of electronic cigarette and nicotine replacement therapy use among French smokers experiencing socioeconomic disadvantage: A latent class analysis.** Addict Behav 2025;165:108290.
- Alanazi F, Mohamed WJM, Konstantinidis ST, Blake H. **Barriers and facilitators to smoking cessation among university students: a scoping review.** Int J Environ Res Public Health 2025;22.
- Aljarrah AA, Wallace DC, Hayajneh A, Bacon C, Pickett S. **The effect of using of social media on smoking cessation stages and processes among health care providers.** J Eval Clin Pract 2025;31:e70158.

- Amin SM, Zoromba MA, El-Gazar HE, Malek MGN, Atta MHR. **The mediating role of smoking cessation motivation in overcoming nicotine dependence and cessation challenges among male smokers: a mixed study**. Arch Psychiatr Nurs 2025;56:151888.
- Brierley M-EE, Li R, Jongenelis MI. **Perceptions of nicotine pouches among Australian adolescents, young adults, and adults**. Addict Behav 2025;170:108415.
- Johnson AL, Avila JC, Christensen L, Fahey MC, Jang J, Jarvis S, et al. **Smoking cessation treatment efficacy and impact on health outcomes among middle-aged and older adults: a scoping review**. Nicotine Tob Res 2025.
- Saadulloh D, Rohman, Rayasari F, Ganefianty A, Yunitri N, Chou K-R. **Long-term effectiveness of tobacco smoking cessation interventions in adults: a systematic review and meta-analysis of randomized controlled trials**. J Nurs Scholarsh 2025.
- Xia X, Gong C, Li Y, Yin L, Yang Q, Zhang X, et al. **Effect of technology-based acceptance and commitment therapy for smoking cessation: a systematic review and meta-analysis**. Int J Nurs Stud 2025;170:105147.

Recent reports and news (grey literature)

A rundown of publications from key public health organisations within the last month.

- Action on Smoking and Health. **ASH calls for swift legislation on nicotine pouches as new data shows surge in youth awareness**. ASH, 16 June 2025.
- Action on Smoking and Health. **Government achieves smoking in pregnancy reduction target – but progress threatened by NHS cuts**. ASH, 19 June 2025.
- Action on Smoking and Health. **Briefing on a smokefree England at 18**. ASH, June 2025.

- World Health Organization. **Avoidable mortality, risk factors and policies for tackling noncommunicable diseases – leveraging data for impact: monitoring commitments in the WHO European region ahead of the fourth United Nations high-level meeting.** WHO, 27 June 2025.

Disclaimer

All reasonable care is taken to ensure that the information we provide is accurate and we accept no responsibility for the content provided. The information provided is selective; however, the inclusion of a link does not imply approval of the contents of the website.

This is not meant as an exhaustive list of publications on these topics for the given time period, but rather a selection as seen most relevant.

Contact

Knowledge Services

phs.knowledge@phs.scot