

# Vaping and Tobacco Control Bulletin

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

September 2025



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## Highlights

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

- Office for Health Improvement and Disparities. **Smoking profile: September 2025 update**. Office for Health Improvement and Disparities, September 2025.
- La Rosa GRM, Del Giovane C, Minozzi S, Kowalski J, Chapple I, Amaliya A, et al. **Oral health effects of non-combustible nicotine products: a systematic review and network meta-analysis of randomized controlled trials**. J Dent 2025;160:105910.
- Patanavanich R, Thatasawakul C, Youngcharoen K, Soponvashira V, Pichetsin P. **Health effects from secondhand exposure to e-cigarettes: a systematic review of peer-reviewed articles from 2004-2024**. Int J Environ Res Public Health 2025;22.
- Public Health Scotland. **NHS stop smoking services. Local Delivery Plan standard, 2024/25 (quarter 4)**. Public Health Scotland, September 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](mailto:phs.knowledge@phs.scot)

## **Tobacco Use and Control**

- Aldalaeen MO, Haddad RH, Alhusamiah BK, Abuejheisheh AJ. **The impact of cigarette smoking and vaping use on the development and progression of periodontitis: a systematic review**. Health Sci Rep 2025;8:e71245.
- Barnett TE, Choi A, Griner SB, Mungia R, Gimeno Ruiz de Porras D, Tomar SL. **Adolescent tobacco and nicotine prevention: opportunities missed in the dental office**. J Am Dent Assoc 2025.
- Córdoba García R, Barchilon Cohen V, Lozano Fernández J, Torras-Borrell J. **New nicotine products and vascular risk**. Hipertens Riesgo Vasc 2025.
- Dai HD, Young B. **Biomarkers of exposure to tobacco-related toxicants among adult nicotine pouch users**. Nicotine Tob Res 2025.
- Frisbee S, Czaplicki L, Ibrahim M, Kennedy RD, Moran MB. **Youth appeal in tobacco advertising: evolving tactics targeting those under the legal age of sale**. Subst Use Misuse 2025;1–5.
- Gnonlonfin E, Gallopel-Morvan K, Breton E. **Unpacking the transformations activated by smoke-free campuses: a logic model of France's first initiative**. Health Educ Behav 2025;10901981251370368.
- Kyzayeva A, Shaw M, Pell J, Leyland AH, Lawlor DA, Kearns RJ, et al. **Effect of comprehensive tobacco control policies on maternal and child outcomes: a population-based linkage study**. Tob Control 2025.
- Li CX, Wang P-C, Feliu A, Lavery AA, Martinez C, Vardavas CI, et al. **Advertising exposure and the appeal of emerging nicotine-containing products among people who have never used nicotine: findings from the Eurobarometer 2023**. Tob Control 2025.
- Lorant V, Laloux P, Mélard N, van Kalmthout D, Gabriels S. **Political hurdles to implementing tobacco control policies: the case of the smoke-free generation policy in Belgium**. Tob Control 2025.

- Ludovichetti FS, Signoriello AG, Gracco A, Lo Giudice R, Lucchi P, Stellini E, et al. **Impact of secondhand smoke from conventional cigarettes, IQOS, and e-cigarettes on children's oral health: a cross-sectional study**. Eur J Paediatr Dent 2025;1.
- Michalek IM, Didkowska J, Koczkodaj P. **First tobacco-free generation in Europe - a lost cause? latest global youth tobacco survey data from Poland and the CEE region**. J Cancer Policy 2025;45:100601.
- Muzekari B, Cooper N, Resnick A, Paul AM, Torres-Grillo OE, Andrews ME, et al. **Naturalistic tobacco retail exposure and smoking outcomes in adults who smoke cigarettes daily**. JAMA Netw Open 2025;8:e2530132.
- Nawawi M, Balachandran P, Janakiram C, Sreedevi A, Menon JC, Thankappan KR. **Effectiveness of smoke-free home-based interventions in reducing second-hand smoke exposure in children and adults: a systematic review**. Asian Pac J Cancer Prev 2025;26:3145–56.
- 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.
- Wakefield T, Bialous S, Ling P, Apollonio DE. **Efforts to secure nicotine and cannabis product placements in popular media by Ploom, Pax, and Juul: an analysis of tobacco industry documents**. Nicotine Tob Res 2025.
- Zheng L, Baroom G, Naqvi REZ, Heath AK, Berlanga-Taylor A, Hibino M, et al. **Tobacco smoking and the risk of aortic aneurysm in the UK biobank**. Sci Rep 2025;15:32191.

## Vaping and Vaping Harms

- Abou-Assali O, Chidipi B, Chang M, Reiser M, Asswaytte R, Zhang Y, et al. **Oxidative stress mediates cardiac electrophysiological injury in inhalation exposure to flavored vaping products**. Heart Rhythm 2025.

- Alemu SM, Mons U, Schaller K, Baltaci E, Hoe C. **Spatial distribution of e-cigarette vending machines: a case study from Germany**. Tob Control 2025.
- Andrayas A, Heron J, Khouja J, Jones H, Munafò M, Sallis H, et al. **The association of modifiable and socio-demographic factors with first transitions from smoking to exclusive e-cigarette use, dual use or no nicotine use: findings from the Avon longitudinal study of parents and children United Kingdom birth cohort**. Addiction 2025;120:1804–15.
- Chadwick G, Kruse GR, Stover M, Reitan CA, Mendez VL, Kahl HM, et al. **Minimum legal sales age for e-cigarettes: a qualitative study on the implementation of model policy components**. Nicotine Tob Res 2025.
- Edwards KC, Garcia-Rosales K, Goniewicz ML, Ashley D, Hatsukami D, Wang L, et al. **Electronic nicotine delivery systems use and nicotine exposure among adults who use ENDS alone or with cigarettes: the population assessment of tobacco and health study 2013-2019**. Nicotine Tob Res 2025;27:1750–9.
- Jackson SE, Shahab L, Tattan-Birch H, Buss V, Brown J. **Changes in vaping trends since the announcement of an impending ban on disposable vapes: a population study in Great Britain**. Addiction 2025;120:1876–83.
- McKeganey N, Grier D, Barnard G. **The message that e-cigarettes are less harmful than combustible cigarettes is not getting through**. Nicotine Tob Res 2025a.
- McKeganey N, Patton A, Grier D, Sandhu K, Barnard G. **How widespread is the use of e-cigarettes among adults in the United States who have never smoked? a tale of three studies**. Subst Use Misuse 2025b:1–12.
- Sobral MVS, de Melo Neto AP, Menechini RB, da Cunha Pirolla R, Marçal JBC, Acuña TA de S. **Efficacy and safety of varenicline for electronic cigarette cessation: A systematic review and meta-analysis**. Drug Alcohol Depend 2025;276:112884.

- Ward E, Dawkins L, Holland R, Pope I, Notley C. **Medicalisation of vaping in the UK? e-cigarette users' perspectives on the merging of commercial and medical routes to vaping**. *Perspect Public Health* 2023;17579139231185480.
- Wong M, Martinez T, Hua M, Hendricks N, Talbot P. **Unraveling the toxicological effects of Hydroxyacetone - a reaction product in electronic cigarette aerosols**. *BioRxiv* 2025.

## **Young People and Vaping**

- Abraham O, Quach V, Li JS. **Parent perspectives on a pharmacist-disseminated vaping educational tool for vaping prevention. exploratory research in clinical and social pharmacy**. 2025;19:100615.
- Nelson Ferguson K, Christianson K, Delgado A, Martin G, Coen SE, Struik L. **A youth-centered digital infographic on vaping risks (what's in a vape?): mixed methods study**. *JMIR Formative Res* 2025;9:e75694.
- Saffer H, Ozdogan S, Grossman M, Dench D, Dave D. **Comprehensive e-cigarette flavor bans and tobacco use among youth and adults**. *Health Econ* 2025.
- Tran TPT, Tran C, Ling PM, Popova L, Nguyen N. **Applying human-centered design to develop smartphone-based intervention messages to help young adults quit using e-cigarettes and cigarettes: a remote user testing study**. *JMIR Hum Factors* 2025;12:e76503.

## **Smoking Cessation**

- Bartłomiejczyk N, De Santo A, Holzer A. **Gamified physical-digital smoking cessation intervention for young adults: mixed methods development and usability study**. *JMIR Hum Factors* 2025;12:e72749.
- Charlton K, Rees J, Jackson M, Burrow E. **A brief intervention for smoking cessation in the ambulance setting-an exploratory mixed methods study to reach health equity**. *J Public Health (Oxf)* 2025.



- Clark SA, Patterson SL, Duguid I, Noar SM, Lazard AJ, Thrasher JF, et al. **Perceptions of prevention and cessation ads among US youth who use multiple tobacco products: a qualitative study**. *Nicotine Tob Res* 2025.
- Fogarty JJ, Fertig MR, Gulbicki L, Ashar D, O’Cleirigh C, Stanton AM. **Identifying the ways in which tobacco cessation interventions have been tailored for sexual and gender minority individuals: a systematic review**. *J Health Psychol* 2025;30:2443–59.
- Gravely S, Driezen P, Chung-Hall J, Quah ACK, Lok CB, Agar TK, et al. **Provision of recent advice to quit smoking by healthcare providers in Canada: findings from the 2022 Canada International Tobacco Control Smoking and Vaping Survey**. *Prev Med Rep* 2025;57:103168.
- Heshmati J, Shahen S, Bates EL, Visintini S, Quirouette E, Mullen K-A, et al. **Nicotine pouches and clinical outcomes related to smoking cessation: a systematic review of randomized trials**. *Addiction* 2025.
- Kim TH, Jo Y, Hong S, Son Y, Park S, Yim Y, et al. **Country-level prevalence of and factors associated with smoking cessation among adolescents across 91 countries**. *World J Pediatr* 2025;21:902–14.
- Li S, Li Y, Xu C, Tao S, Sun H, Yang J, et al. **Efficacy of digital interventions for smoking cessation by type and method: a systematic review and network meta-analysis**. *Nat Hum Behav* 2025.
- Petrelli F, Ghidini A, Rossitto M, Dottorini L, Tarantini F. **An umbrella review of meta-analyses on smoking cessation and cancer survival: a brief report**. *Lung Cancer* 2025;208:108753.
- 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;57:728–40.

- Sakhuja M, Farris S, Queen TL, Hall MG, Kalan E, Sheeran P, et al. **Longitudinal correlates of quitting e-cigarettes in the United States**. Prev Med Rep 2025;57:103197.
- Tang E, Rodriguez RM, Srivastava A, Malhan R, Laksono I, Yan E, et al. **Impact of short duration smoking cessation on post-operative complications: a systematic review and meta-analysis**. J Clin Anesth 2025;106:111967.

## Recent reports and news (grey literature)

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

- Action on Smoking and Health. **How different voters view public health policies**. ASH, 9 September 2025.
- Action on Smoking and Health. **Why we need a new ambitious smokefree goal**. ASH, 8 September 2025.
- World Health Organization. **WHO warns that tobacco use is linked to child stunting**. WHO, 9 September 2025.
- ASH Scotland. **ASH Scotland calls for increased government and health service transparency and accountability on smoking cessation funding**. ASH Scotland, 30 September 2025.

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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.

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