

# Vaping and Tobacco Control Bulletin

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

April 2025



Translations



Easy read



BSL



Audio



Large print



Braille

Translations and other formats are available on request at:

 [p hs.otherformats@p hs.scot](mailto:p hs.otherformats@p hs.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

**OGL**

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

For more information, visit [www.publichealthscotland.scot/ogl](http://www.publichealthscotland.scot/ogl)

[www.publichealthscotland.scot](http://www.publichealthscotland.scot)

## Contents

Highlights	3
Recent journal articles (from Medline)	3
Recent reports and news (grey literature)	9
Disclaimer	9
Contact	10

## Highlights

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

- Action on Smoking and Health. **A roadmap to a smokefree country: no one starts, everyone stops, no profit in tobacco.** ASH, April 2025.
- Hughes R, Evans A, Hearne D. **Profiles of young people and adults who smoke using national surveys in a cluster analysis.** Public Health Wales, 7 April 2025.
- World Health Organisation. **Tobacco control playbook: smoke-free environments protect health and benefit the hospitality sector.** WHO, 23 April 2025.
- Kundu A, Sanchez S, Seth S, Feore A, Sutton M, Sachdeva K, et al. **Evidence update on e-cigarette dependence: a systematic review and meta-analysis.** Addict Behav 2025;163:108243.

## 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**

- Adebisi YA, Lucero-Prisno DE, Ogunkola IO. **Self-rated health differences between exclusive e-cigarette users and exclusive cigarette smokers: evidence from the 2017-2019 Scottish Health Survey**. Intern Emerg Med 2025;20:771–84.
- Andrews M, Cooper N, Mattan BD, Carreras-Tartak J, Paul AM, Strasser AA, et al. **Causal effects of point-of-sale cigarette promotions and subjective social status on cigarette craving: a randomised within-person experiment**. Tob Control 2025;34:220–.
- Brennan E, Nuss T, Haynes A, Scollo M, Winnall WR, Wakefield M, et al. **Misperceptions about the effectiveness of cutting down and low-rate daily smoking for reducing the risk of tobacco-caused harm**. Nicotine Tob Res 2025;27:932–6.
- Dauchy E, Fuss C. **Global taxation of electronic nicotine and non-nicotine delivery systems: a cross-country evaluation**. Tob Control 2025;34:198–204.
- Fu T-T, Luo H-X, Na Z-J, Xia C-L, Fan L. **Association between prenatal environmental tobacco smoke exposure and preterm birth: a systematic review and meta-analysis**. Acta Obstet Gynecol Scand 2025.
- Garritsen HH, Khan F, Rozema AD, Navas-Acien A, Hernández D. **Associations of smoke-free policies in multi-unit housing with smoking behavior and second-hand smoke exposure: a systematic review**. Addiction 2025;120:578–88.
- Hanafin J, Sunday S, Shevlin M, Clancy L. **Smoking and e-cigarette use in young adults with disabilities**. BMC Public Health 2025;25:1342.
- Htay ZW, Bhandari AKC, Parvin R, Abe SK. **Effects of smokeless tobacco on cancer incidence and mortality: a global systematic review and meta-analysis**. Cancer Causes Control 2025;36:321–52.
- Huang S, Chen Q, Griffin PM, Azagba S. **Effect of state e-cigarette tax policies on the transitions of youth tobacco/nicotine use patterns in the USA: evidence from national longitudinal data**. Tob Control 2025.

- 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.
- Mahoney M, Schwank A, Al-Shawaf M, Baker Holmes C, Tynan MA. **Support among adults for a policy to lower nicotine levels in cigarettes and cigars - USA, 2023.** Tob Control 2025.
- 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.

### Vaping and Vaping Harms

- Amin S, Kawamoto CT, Pokhrel P. **Exploring the ChatGPT platform with scenario-specific prompts for vaping cessation.** Tob Control 2025;34:251–3.
- Anderson R, Jones M, Jongenelis MI. **Industry actor communication practices in submissions on electronic nicotine delivery system policy in Australia.** Tob Control 2025.
- Besaratinia A. **Electronic cigarette-derived metals: exposure and health risks in vapers.** Chem Res Toxicol 2025;38:542–56.
- Beverly ML-S, Chaudhary PP, Dabdoub SM, Kim S, Chatzakis E, Williamson K, et al. **Toxic cultures: E-Cigarettes and the oral microbial exposome.** Npj Biofilms and Microbiomes 2025;11:66.
- Braznell S, Dance S, Hartmann-Boyce J, Gilmore A. **Impact of heated tobacco products on biomarkers of potential harm and adverse events: a systematic review and meta-analysis.** Tob Control 2025.
- Cao Y, Liu Xinru, Hu Z, Li J, Chen X, Xiong Y, et al. **Assessing Nicotine pharmacokinetics of new-generation tobacco products and conventional cigarettes: a systematic review and meta-analysis.** Nicotine Tob Res 2025;27:783–93.

- Edwards KC, Garcia-Rosales K, Goniewicz M, Ashley D, Hatsukami D, Wang L, et al. **ENDS use and nicotine exposure among adults who use ENDS alone or with cigarettes: the PATH Study 2013-2019**. *Nicotine Tob Res* 2025.
- Jackson SE, Cox S, Shahab L, Brown J. **Trends and patterns of dual use of combustible tobacco and e-cigarettes among adults in England: a population study, 2016-2024**. *Addiction* 2025a;120:608–19.
- 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* 2025b.
- La Rosa GRM, Polosa R, O’Leary R. **Effect of e-cigarette substitution for cigarettes on weight status: a systematic review**. *Arch Med Res* 2025b;56:103211.
- Li Xiao, Nettel-Aguirre A, Gillespie R, Smithers LG. **Navigating social media barriers: challenges in public health messaging on vaping**. *Health Promot J Aust* 2025;36.
- Selya A, La Rosa GRM, Spicuzza L, Morjaria JB, Caci G, Polosa R. **Association between electronic cigarette use and respiratory outcomes among people with no established smoking history: a comprehensive review and critical appraisal**. *Intern Emerg Med* 2025;20:667–80.
- Smith TT, Wahlquist AE, Wagener TL, Cummings KM, Carpenter MJ. **The impact of non-tobacco e-cigarette flavoring on e-cigarette uptake, cigarette smoking reduction, and cessation: a secondary analysis of a nationwide clinical trial**. *Addict Behav* 2025;163:108240.
- Song C, Hao X, Critselis E, Panagiotakos D. **The impact of electronic cigarette use on chronic obstructive pulmonary disease: a systematic review and meta-analysis**. *Respir Med* 2025;239:107985.

## Young People and Vaping

- Barnes C, Janssen L, Mantach S, McCrabb S, Turon H, Groombridge D, et al. **Are text-message based programmes targeting adolescents and their parents an acceptable approach to preventing adolescent e-cigarette use?** Health Promot J Austr 2025;36:e70019.
- Do EK, Koris K, Minter T, Esayed S, Hair EC. **Reasons for e-cigarette use and their associations with frequency, dependence, and quit intentions: findings from a youth and young adult sample.** Am J Prev Med 2025.
- Dowrick L, Shackleton V, Nazir-Desforges S, Gettings R, Holding E, Rogerson M, et al. **Young people's experiences of vaping in their community: a co-created study between embedded researchers and local authority public health practitioners.** Perspect Public Health 2025:17579139251325156.
- Evins AE, Cather C, Reeder HT, Evohr B, Potter K, Pachas GN, et al. **Varenicline for youth nicotine vaping cessation: a randomized clinical trial.** JAMA 2025.
- Han D-H, Harlow AF, Miech RA, Bae D, Cho J, Dai HD, et al. **Nicotine pouch and e-cigarette use and co-use among US youths in 2023 and 2024.** JAMA Netw Open 2025;8:e256739.
- Taylor E, Simonavičius E, Nottage M, McNeill A, Arnott D, Cheeseman H, et al. **Association of fully branded, standardized packaging and limited flavor and brand descriptors of e-liquids with interest in trying products among youths in Great Britain.** Addiction 2025;120:620–8.

## Smoking Cessation

- Ameral V, Sofuoglu M, Kelly MM. **Nicotine e-cigarettes for smoking cessation: a clinical pharmacology perspective.** Expert Rev Clin Pharmacol 2025;18:189–96.
- Bokemeyer F, Kiefer P, Schmidt L, Gali K. **Facilitators and barriers to smoking cessation: a qualitative study among health professionals in Germany.** BMC Health Serv Res 2025a;25:483.

- Borrelli B, Weinstein D, Endrighi R, Ling N, Koval K, Quintiliani LM, et al. **Virtual reality for the prevention and cessation of nicotine vaping in youth: protocol for a randomized controlled trial.** JMIR Res Protoc 2025.
- Choi SH, Templin T, Glenn D. **Preferences for couple-based smoking cessation interventions among couples who smoke: online discrete choice experiment.** Health Educ Res 2025;40.
- Felicione NJ, Ozga JE, Eversole A, Hart JL, Tackett A, Hrywna M, et al. **Oral nicotine pouches: rising popularity and state of the science.** Public Health Rep 2025;333549251313668.
- Hsu R, Tong ST. **Disparities in smoking cessation treatment among immigrants and potential barriers to care.** J Racial Ethn Health Disparities 2025.
- Lee E-H, Yu H-J. **Effectiveness of nurse-initiated smoking cessation intervention: a systematic review and meta-analysis.** Subst Abuse Treat Prev Policy 2025;20:18.
- Lindson N, Livingstone-Banks J, Butler AR, Levy DT, Barnett P, Theodoulou A, et al. **An update of a systematic review and meta-analyses exploring flavours in intervention studies of e-cigarettes for smoking cessation.** Addiction 2025;120:770–8.
- Livingstone-Banks J, Vidyasagaran AL, Croucher R, Siddiqui F, Zhu S, Kidwai Z, et al. **Interventions for smokeless tobacco use cessation.** Cochrane Database Syst Rev 2025;4:CD015314.
- Pradhan S, Priyadarshini SR, Panda S, Misra SR, Panigrahi R, Choudhury BK. **Efficacy of pharmacological intervention for smokeless tobacco cessation in adults: a systematic review and meta-analysis.** Arch Public Health 2025;83:105.
- Puljević C, Meciar I, Holland A, Stjepanović D, Snoswell CL, Thomas EE, et al. **Systematic review and meta-analysis of text messaging interventions to support tobacco cessation.** Tob Control 2025;34:228–38.

- Rifat MA, Orsini N, Qazi B, Galanti MR. **Smoking prevention and cessation programs for children and adolescents focusing on parental involvement: a systematic review and meta-analysis**. J Adolesc Health 2025;76:532–41.
- Zamarripa CA, Dowd AN, Elder HJ, Czaplicki L, Tfayli D, Rastogi K, et al. **A comprehensive review on oral nicotine pouches: available scientific evidence and future research needs**. Exp Clin Psychopharmacol 2025;33:123–32.
- Zhao SZ, Chan SK, Luk TT, Tong HSC, Lai VWY, Lam TH, et al. **Older age at smoking initiation predicts successful cessation in adults who smoke: a prospective study**. Int J Drug Policy 2025;138:104742.

## Recent reports and news (grey literature)

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

- Action on Smoking and Health. **The 2025 disposable vapes ban: what you need to know**. ASH, 9 April 2025.
- Action on Smoking and Health Scotland. **Scottish health campaigners call for strong measures to tackle youth and adult nicotine addiction**. ASH, 23 April 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](mailto:phs.knowledge@phs.scot)