

# Vaping and Tobacco Control Bulletin

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

October 2024



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	9

## Highlights

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

- Cevik BE, Kocatas S. **The effect of online motivational interviewing on pregnant women’s smoking cessation behaviour: A randomized controlled trial.** Int J Nurs Pract 2024:e13303.
- Gardner LA, Rowe A-L, Newton NC, Egan L, Hunter E, Devine EK, et al. **A Systematic Review and Meta-analysis of School-Based Preventive Interventions Targeting E-Cigarette Use Among Adolescents.** Prev Sci 2024;25:1104–21.
- Office for National Statistics. **Adult smoking habits in the UK: 2023.** ONS, 1 October 2024.
- Vu GT, Stjepanović D, Sun T, Leung J, Chung J, Connor J, et al. **Predicting the long-term effects of electronic cigarette use on population health: a systematic review of modelling studies.** Tob Control 2024;33:790–7.

## 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)

## Smoking Cessation

- Cevik BE, Kocatas S. **The effect of online motivational interviewing on pregnant women's smoking cessation behaviour: A randomized controlled trial.** Int J Nurs Pract 2024:e13303.
- Chen S, Yang S, Wang S, Li Haowei, Li R, Li Huaihao, et al. **Smoking cessation and mortality risk reduction in older adults with long-term smoking history.** BMC Public Health 2024;24:2821.
- Connolly N, Kelly D, O'Donnell P, Hyde S. **Effectiveness of smoking cessation interventions in pregnant women attending primary care: a scoping review.** Br J Gen Pract Open 2024;8.
- Delle S, Kraus L, Maspero S, Pogarell O, Hoch E, Lochbühler K. **Long-Term Effectiveness of a Quitline for Smoking Cessation: Results of a Randomized Controlled Trial.** Eur Addict Res 2024:1–12.
- 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 2024:13591053241284084.
- Huddleston L, Shoesmith E, Pervin J, Stevens R, Gilbody S, Ratschen E. **Effectiveness and experience of implementing digital interventions to promote smoking cessation among adults with severe mental illness: A systematic review and meta-analysis.** Nicotine Tob Res 2024.
- Jackson SE, Brown J, Shahab L, Cox S. **Use, perceptions, and effectiveness of e-cigarettes for smoking cessation among older adults in England: a population study, 2014-2024.** BMC Med 2024;22:500.
- Li J, Wu Q, Parrott S, Pope I, Clark LV, Clark A, et al. **Cost-utility analysis of provision of e-cigarette starter kits for smoking cessation in emergency departments: An economic evaluation of a randomized controlled trial.** Addiction 2024.

- Marler JD, Fujii CA, Utley MT, Balbierz DJ, Galanko JA, Utley DS. **Outcomes of a comprehensive mobile vaping cessation program in adults who vape daily: cohort study.** JMIR Formativ Res 2024;8:e57376.
- Nguyen N, Koester KA, Tran C, Ling PM. **Desires and Needs for Quitting Both e-Cigarettes and Cigarettes Among Young Adults: Formative Qualitative Study Informing the Development of a Smartphone Intervention for Dual Tobacco Cessation.** JMIR Formativ Res 2024;8:e63156.
- Puljević C, Stjepanović D, Meciar I, Kang H, Chan G, Morphet K, et al. **Systematic review and meta-analyses of cytisine to support tobacco cessation.** Addiction 2024;119:1713–25.
- Rahman N, Sebar B, Sofija E. **“It’s the Wild West Out There”: A Qualitative Study of the Views and Preparedness of Health Professionals in Helping Young Adult E-cigarette Users to Quit.** Nicotine Tob Res 2024;26:1538–44.
- Rushender R, Logaraj M, Krishnamoorthy Y. **Effectiveness of mobile phone applications for tobacco cessation: An umbrella review.** Drug Alcohol Depend 2024;263:112425.
- Sánchez-Franco S, Montgomery SC, Torres-Narvaez ES, Ramírez AM, Murray JM, Tate C, et al. **How do adolescent smoking prevention interventions work in different contextual settings? A qualitative comparative study between the UK and Colombia.** Int J Behav Med 2024;31:691–704.
- Wakeman M, Tesfaye L, Gregory T, Leahy E, Kendrick B, El-Toukhy S. **Perceptions of the use of mobile technologies for smoking cessation: focus group study with individuals of low socioeconomic status who smoke.** JMIR Formativ Res 2024;8:e58221.

## **Tobacco Use and Control**

- Cosgrave EJ, Blake M, Murphy E, Sheridan A, Doyle F, Kavanagh P. **Is the public ready for a tobacco-free Ireland? A national survey of public knowledge and attitudes to tobacco endgame in Ireland.** Tob Control 2024;33:807–12.

- GBD 2021 Tobacco Forecasting Collaborators. **Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021**. Lancet Public Health 2024;9:e729–44.
- Higgins ST. **Behavior change, health, and health disparities 2024: Smoking and other tobacco use among women and girls**. Prev Med 2024:108155.
- Jackson SE, Brown J, Shahab L, Cox S. **Trends in non-daily cigarette smoking in England, 2006-2024**. BMC Med 2024a;22:426.
- 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 2024b.
- Lahiri S, Bingenheimer JB, Evans WD, Wang Y, Cislighi B, Dubey P, et al. **Understanding the mechanisms of change in social norms around tobacco use: A systematic review and meta-analysis of interventions**. Addiction 2024.
- Ruokolainen O, Ollila H, Härkänen T. **Patterns and determinants of exclusive smokeless tobacco (snus) use, exclusive smoking and dual use in general population during 20 years**. Substance Use & Addiction Journal 2024;45:716–26.

### **Vaping and Vaping Harms**

- Jackson SE, Shahab L, Tattan-Birch H, Brown J. **Vaping among adults in England who have never regularly smoked: a population-based study, 2016-24**. Lancet Public Health 2024;9:e755–65.
- Lee DN, Kim HM, Stevens EM. **Association of Vaping Reasons with Stress, Anxiety, and Depression Among Young Adults Who Currently Vape**. Subst Use Misuse 2024:1–7.
- Ran S, Yang JJ, Piper ME, Lin H-C, Buu A. **Health Risks Associated with Adopting New-Generation Disposable Products Among Young Adults Who Use E-Cigarettes**. Int J Environ Res Public Health 2024;21.

- Vu GT, Stjepanović D, Sun T, Leung J, Chung J, Connor J, et al. **Predicting the long-term effects of electronic cigarette use on population health: a systematic review of modelling studies.** *Tob Control* 2024;33:790–7.
- Wu Y-H, Chiang C-P. **Adverse effects of electronic cigarettes on human health.** *J Dent Sci* 2024;19:1919–23.

### **Young People and Vaping**

- de Andrés-Sánchez J, Belzunegui-Eraso A, Pastor Gosálbez I, Sánchez-Aragón A. **A cross-sectional assessment of the influence of information sources about substance use in adolescents' tobacco prevalence.** *Heliyon* 2024;10:e38976.
- Clayton CK, Loecher N, Webster RT. **Vaping behavior among adolescent and young adult cancer survivors: A scoping review.** *Pediatr Blood Cancer* 2024:e31367.
- Conde M, Tudor K, Begh R, Nolan R, Zhu S, Kale D, et al. **Electronic cigarettes and subsequent use of cigarettes in young people: An evidence and gap map.** *Addiction* 2024;119:1698–708.
- DiCasmirro J, Tranmer J, Davison C, Woo K, Toon D, Hubeny M, et al. **Public health interventions targeting the prevention of adolescent vaping: A scoping review.** *Public Health Nurs* 2024.
- Do EK, Yoon SN, McKay T, Schillo BA, Hair EC. **Cannabis and vaping nicotine: An exploration of risk factors using a nationally representative sample of youth and young adults.** *Addict Behav* 2024;157:108094.
- Egger S, David M, Watts C, Dessaix A, Brooks A, Jenkinson E, et al. **The association between vaping and subsequent initiation of cigarette smoking in young Australians from age 12 to 17 years: a retrospective cohort analysis using cross-sectional recall data from 5114 adolescents.** *Aust N Z J Public Health* 2024;48:100173.
- Ferkol T. **The threat of vaping in youths.** *Pediatr Pulmonol* 2024.



- Gardner LA, Rowe A-L, Newton NC, Egan L, Hunter E, Devine EK, et al. **A Systematic Review and Meta-analysis of School-Based Preventive Interventions Targeting E-Cigarette Use Among Adolescents.** *Prev Sci* 2024;25:1104–21.
- Michaud TL, Samson K, Chang S-H, Gustafson CR, Dai HD. **Discrete choice experiment on financial incentives for engaging young adults in vaping cessation programs.** *Subst Use Misuse* 2024:1–9.
- O’Logbon J, Wickersham A, Williamson C, Leightley D. **The effectiveness of digital health technologies for reducing substance use among young people: a systematic review & meta-analysis.** *J Ment Health* 2024;33:645–73.
- Ouellette RR, Morean ME, Lee J, Kong G. **Use of ENDS devices and modifications to vape cannabis among adolescents and young adults who also vape nicotine.** *Addict Behav* 2024;157:108099.
- Pravosud V, Ling PM, Halpern-Felsher B, Gribben V. **Social Media Exposure and Other Correlates of Increased e-Cigarette Use Among Adolescents During Remote Schooling: Cross-Sectional Study.** *JMIR Pediatr Parent* 2024;7:e49779.
- Weinstein D, Jones E, Endrighi R, Hart JL, Walker KL, Borrelli B, et al. **“I knew the effects the whole time.” Examination of facilitators and barriers to quit vaping among adolescents.** *Addict Behav* 2024;157:108087.
- Wu J, Fetterman JL, Cornacchione Ross J, Hong T. **Effects of message frames and sources in tiktok videos for youth vaping cessation: emotions and perceived message effectiveness as mediating mechanisms.** *J Adolesc Health* 2024.
- Yang Q, Clendennen SL, Marti CN, Loukas A. **Associations between social media engagement and young adults’ subsequent onset of ENDS dependence symptoms one year later.** *Addict Behav* 2024;157:108096.

## Recent reports and news (grey literature)

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

- Action on Smoking and Health. **Disposable vapes to be banned by 1st June 2025**. ASH, 24 October 2024.
- Clinical Indicators and Outcomes Team, NHS England. **Smoking, Drinking and Drug Use among Young People in England, 2023**. NHS England, 17 October 2024.
- Office for National Statistics. **Adult smoking habits in the UK: 2023**. ONS, 1 October 2024.
- NCD Alliance Scotland. **NCD Prevention: A Commercial Determinants of Health Approach**. NCD Alliance Scotland, 2024.

## 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**

[pks.knowledge@pks.scot](mailto:pks.knowledge@pks.scot)