

Vaping and Tobacco Control Bulletin

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

January 2025



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Highlights

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

- Mills SD, Peddireddy S, Kurtzman R, Hill F, Catalan V, Bissram JS, et al. **The Impact of menthol cigarette bans: a systematic review and meta-analysis.** Nicotine Tob Res 2025;27:179–91.
- 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.
- Scala M, Dallera G, Gorini G, Achille J, Havermans A, Neto C, et al. **Patterns of use of heated tobacco products: a comprehensive systematic review.** J Epidemiol 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.

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

- Bansal-Travers M, Rivard C, Anesetti-Rothermel A, Morse AL, Salim AH, Xiao H, et al. **Changes in the harm perceptions of different types of tobacco products for youth and adults: waves 1-5 of the population assessment of tobacco and health (PATH) study, 2013-2019.** *Addict Behav* 2025;160:108168.
- Buss VH, Shahab L, Cox S, Kock L, Oldham M, Bauld L, et al. **Exploring public support for novel tobacco and alcohol control policies in Great Britain 2021-2023: A population-based cross-sectional survey.** *Heliyon* 2025;11:e41303.
- Coyle D. **Implementing a smoke-free generation policy for Canada: estimates of the long-term impacts.** *Health Promot Chronic Dis Prev Can* 2025;45:39–53.
- 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.
- 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* 2025.
- Nottage MK, Taylor EV, Kim Y, Soh N, Hammond D, Simonavicius E, et al. **Marketing claims on the websites of leading e-cigarette brands in England.** *Tob Control* 2025;34:21–7.
- Whitacre TR, Crippen A, Monthrope M, Narine T, Liber AC, Friedman AS. **Tobacco product flavour policies in the USA.** *Tob Control* 2025.
- Yacoub MI, Aslanoğlu A, Khraim F, Alsharawneh A, Abdelkader R, Almagharbeh WT, et al. **Comparing e-cigarettes and traditional cigarettes in relation to Myocardial Infarction, Arrhythmias, and Sudden Cardiac Death: a systematic review and meta-analysis.** *Biol Res Nurs* 2025;27:168–85.

- Zenone M, Harries B, Hartwell G. **The promotion of oral nicotine pouches for non-smoking cessation purposes on TikTok.** *Nicotine Tob Res* 2025.

Vaping and Vaping Harms

- Ansari SM, Leroy P, deLaBourdonnaye G, Pouly S, Reese L, Haziza C. **Differences in biomarkers of potential harm after 2+ years of tobacco heating system use compared to cigarette smoking: a cross-sectional Study.** *Biomarkers* 2025;1–22.
- Block AC, Schneller LM, Leigh NJ, Heo J, Goniewicz ML, O'Connor RJ. **Heavy metals in ENDS: a comparison of open versus closed systems purchased from the USA, England, Canada and Australia.** *Tob Control* 2025;34:28–33.
- Bono RS, White AM, Imran R, Maldonado GT, Lipato T, Barnes AJ, et al. **Dose by design: How limits on nicotine flux and puff duration affect the abuse liability of electronic nicotine delivery systems.** *Drug Alcohol Depend* 2025;266:112508.
- Butler AR, Lindson N, Livingstone-Banks J, Notley C, Turner T, Rigotti NA, et al. **Interventions for quitting vaping.** *Cochrane Database Syst Rev* 2025;1:CD016058.
- Diaz MC, Silver NA, Bertrand A, Schillo BA. **Bigger, stronger and cheaper: growth in e-cigarette market driven by disposable devices with more e-liquid, higher nicotine concentration and declining prices.** *Tob Control* 2025;34:65–70.
- Goldenson NI, Shiffman S, Oliveri D, Liang Q, Black RA. **Changes in exposure to tobacco-related harmful and potentially harmful constituents among adults who switched completely from smoking cigarettes to use of the JUUL2 system for six days.** *Biomarkers* 2025:1–11.
- Jackson SE, Shahab L, Brown J. **Trends in exclusive non-cigarette tobacco smoking in England: a population survey 2013-2023.** *Nicotine Tob Res* 2025b;27:342–50.

- Koops A, Yong H-H, Borland R, McNeill A, Hyland A, Lohner V, et al. **Does perceived vaping addiction predict subsequent vaping cessation behaviour among adults who use nicotine vaping products regularly?** *Addict Behav* 2025;160:108172.
- 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.
- Lupo G, Anfuso CD, Smecca G, Cosentino A, Agafonova A, Prinzi C, et al. **Assessing the impact of e-cigarettes on human barrier systems: A systematic review.** *Transl Res* 2025;277:39–63.
- Soule EK, Mayne S, Snipes W, Guy MC, Breland A, Fagan P. **Reactions to a hypothetical ban of open-system electronic cigarettes among people who currently use electronic cigarettes.** *Nicotine Tob Res* 2025;27:308–16.
- Yong H-H, Hughes L, Borland R, Gravely S, Cummings KM, Brose LS, et al. **Prevalence and correlates of negative side effects from vaping nicotine: Findings from the 2020 ITC four country smoking and vaping survey.** *Drug Alcohol Depend* 2025;266:112503.

Young People and Vaping

- Belon AP, Nieuwendyk L, Allen T, Worrell M, Nykiforuk CIJ. **Effective interventions to prevent youth vaping behaviours: a rapid review.** *BMJ Open* 2025;15:e092380.
- 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.
- Cassidy RN, Tidey JW, Bello MS, Denlinger-Apte R, Goodwin C, Godin J, et al. **Effects of very low nicotine content cigarettes and nicotine vaping device characteristics on choices to smoke, vape, or abstain in early young adults.** *Nicotine Tob Res* 2025;27:244–53.

- Daisy Dai H. **Time since initiation on current vaping among adolescents and associations with adverse health outcomes.** *Addict Behav* 2025;160:108165.
- Hammond D, Reid JL. **Trends in vaping and nicotine product use among youth in Canada, England and the USA between 2017 and 2022: evidence to inform policy.** *Tob Control* 2025;34:115–8.
- Kochvar A, Hao G, Dai HD. **Biomarkers of metal exposure in adolescent e-cigarette users: correlations with vaping frequency and flavouring.** *Tob Control* 2025.
- Kundu A, Seth S, Felsky D, Moraes TJ, Selby P, Chaiton M. **A systematic review of predictors of vaping cessation among young people.** *Nicotine Tob Res* 2025;27:169–78.
- Lee DN, Kim HM, Stevens EM. **How stress influences e-cigarette health message perceptions and intentions to abstain from vaping among young adults who vape.** *Addict Behav* 2025;160:108174.
- Nguyen N, Keyhani S, Marcus GM, Do VV, Halliday DM, Herbst ED, et al. **Vaping nicotine and cannabis on the same occasion is linked to increased vaping consumption among young adults: A smartphone-based daily diary study.** *Drug Alcohol Depend* 2025;266:112517.
- 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.
- Thomas L, McCausland K, Leaversuch F, Freeman B, Wolf K, Leaver T, et al. **The school community’s role in addressing vaping: Findings from qualitative research to inform pedagogy, practice and policy.** *Health Promot J Austr* 2025;36:e895.

- Watt E, Bush A, Gardner-Medwin J, Langley RJ. **E-Cigarette addiction in adolescents-how do we get them to stop?** *Pediatr Pulmonol* 2025;60:e27403.

Smoking Cessation

- Audrain-McGovern J, Klapac O, Paul Wileyto E, Strasser AA. **Shifts in motivation to quit cigarette smoking associated with IQOS use.** *Addict Behav* 2025;160:108178.
- Baay C, Jessiman-Perreault G, Toohey AM, Allen Scott LK. **Multicomponent workplace tobacco cessation interventions: A scoping review.** *Workplace Health Saf* 2025;73:4–20.
- Brose L, Bunce L, Cheeseman H. **Prevalence of nicotine pouch use among youth and adults in Great Britain-analysis of cross-sectional, nationally representative surveys.** *Nicotine Tob Res* 2025.
- Gravely S, Sweanor D, Driezen P, Levy DT, Fong GT, Quah ACK, et al. **Use of nicotine vaping products during an attempt to quit smoking by Canadian adults who smoke or recently quit: findings from the 2022 Canada International Tobacco Control Four Country Smoking and Vaping Survey.** *Health Promot Chronic Dis Prev Can* 2025;45:54–60.
- Hartmann-Boyce J, Chan J, Zhitnik E, Pesola F, Hajek P, Lindson N. **Longitudinal patterns in smoking abstinence in trials of e-cigarettes for smoking cessation: secondary analysis of data from a systematic review, with meta-analyses.** *Nicotine Tob Res* 2025.
- Jackson SE, Brown J, Buss V, Shahab L. **Prevalence of popular smoking cessation aids in England and associations with quit success.** *JAMA Netw Open* 2025a;8:e2454962.
- Lindson N, Butler AR, McRobbie H, Bullen C, Hajek P, Wu AD, et al. **Electronic cigarettes for smoking cessation.** *Cochrane Database Syst Rev* 2025;1:CD010216.

- Noonan D, Frisbee S, Bittencourt L, Rubenstein D, McClernon FJ, Carroll DM. **Rural-urban differences in smoking quit ratios and cessation-related factors: Results from a nationally representative sample.** J Rural Health 2025;41:e12870.
- Notley C, Gentry S, Livingstone-Banks J, Bauld L, Perera R, Conde M, et al. **Incentives for smoking cessation.** Cochrane Database Syst Rev 2025;1:CD004307.
- O’Leary R, La Rosa GRM, Polosa R. **Examining e-cigarettes as a smoking cessation treatment: A critical umbrella review analysis.** Drug Alcohol Depend 2025;266:112520.
- Santiago-Torres M, Mull KE, Sullivan BM, Matthews AK, Skinta MD, Thrul J, et al. **Do smartphone apps impact long-term smoking cessation for sexual and gender minority adults? exploratory results from a 2-arm randomized trial comparing acceptance and commitment therapy with standard US clinical practice guidelines.** J Homosex 2025;72:107–28.
- Theodoulou A, Fanshawe TR, Leavens E, Theodoulou E, Wu AD, Heath L, et al. **Differences in the effectiveness of individual-level smoking cessation interventions by socioeconomic status.** Cochrane Database Syst Rev 2025;1:CD015120.

Recent reports and news (grey literature)

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

- Action on Smoking and Health. **Expansion and renewal: Local authority stop smoking services and wider tobacco control in England, 2024** . ASH, January 2025.
- Action on Smoking and Health. **The economic impact of smoking**. ASH, January 2025.

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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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