

Vaping and Tobacco Control Bulletin

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

December 2024



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Contents

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

Highlights

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

- Davies NP, Murray RL, Langley T, Morling JR, Bains M. **Perceptions of children and young people in England on the smokefree generation policy: a focus group study.** Nicotine Tob Res 2024.
- Deprato A, Garud A, Azzolina D, Murgia N, Davenport MH, Kaul P, et al. **Associations between vaping during pregnancy and perinatal outcomes: A systematic review and meta-analysis.** J Hazard Mater 2024;486:137028.
- Derissen M, Scheliga S, Clemens B, Leiding D, Kröger K, Böhner H, et al. **Smoking cessation and harm reduction: a systematic overview of ongoing, randomized controlled trials.** BMC Psychiatry 2024;24:897.
- Hamilton B, Ponsford R, Hartwell G. **A thematic analysis of tobacco industry responses to the Scottish Government's consultation on e-cigarette regulation.** Health Promot Int 2024;39.
- 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 2024.

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

Smoking Cessation

- Akter S, Rahman MM, Rouyard T, Aktar S, Nsashiyi RS, Nakamura R. **A systematic review and network meta-analysis of population-level interventions to tackle smoking behaviour.** Nat Hum Behav 2024;8:2367–91.
- Alhazmi M, Alotaibi W. **Nicotine acute impact on RNFL: a comparative analysis of smoking cessation aids including nicotine gum and electronic cigarettes.** Cutan Ocul Toxicol 2024;43:341–6.
- Chen T, Pham G, Fox L, Adler N, Wang X, Zhang J, et al. **Genomic insights for personalised care in lung cancer and smoking cessation: motivating at-risk individuals toward evidence-based health practices.** EBioMedicine 2024;110:105441.
- Fogelberg R, Young-Wolff KC, Nadella J, Khan M, Chen Y-FI, Rana JS. **300,000 quitters and counting; A systematic approach to tobacco cessation.** American Journal of Preventive Cardiology 2024;20:100894.
- Goh KW, Ming LC, Al-Worafi YM, Tan CS, Hermansyah A, Rehman IU, et al. **Effectiveness of digital tools for smoking cessation in Asian countries: a systematic review.** Ann Med 2024;56:2271942.
- Leppin C, Okpako T, Brown J, Garnett C, Perski O. **Does socioeconomic position moderate the associations between the content and delivery features of digital behaviour change interventions for smoking cessation and intervention effectiveness? A systematic review and meta-analysis.** Health Psychol Rev 2024;18:790–823.
- Livingstone-Banks J, Lindson N, Hartmann-Boyce J. **Effects of interventions to combat tobacco addiction: Cochrane update of 2021 to 2023 reviews.** Addiction 2024;119:2101–15.
- Mersha AG, Bryant J, Booth K, Kennedy M. **Evaluating the effectiveness of mailout smoking cessation support: A systematic review and meta-analysis.** Prev Med 2024;189:108162.

- Noonan D, Silva SG, Fish LJ, Simmons LA, Nwankwo N, Scherr K, et al. **Randomized Controlled Trial of a Text-Based Smokeless Tobacco Cessation Intervention for Rural and Medically Underserved Communities**. *Nicotine Tob Res* 2024;27:132–42.

- Ward E, Belderson P, Clark A, Stirling S, Clark L, Pope I, et al. **How do people quit smoking using e-cigarettes? A mixed-methods exploration of participant smoking pathways following receiving an opportunistic e-cigarette-based smoking cessation intervention**. *Addiction* 2024;119:2185–96.

Tobacco Use and Control

- Aquino MRJ, Brennan-Tovey K, Fong M, Wearn A, Bigirimurame T, Robinson T, et al. **Implementation and impact of NHS-funded tobacco dependence services in England: a mixed-method evaluation protocol**. *BMJ Open* 2024;14:e089630.

- Cotti C, DeCicca P, Nesson E. **The effects of tobacco 21 laws on smoking and vaping: Evidence from panel data and biomarkers**. *J Health Econ* 2024;98:102932.

- Courtemanche C, Liang Y, Maclean JC, Muratori C, Sabia JJ. **Do e-cigarette retail licensure laws reduce youth tobacco use?** *J Health Econ* 2024;98:102919.

- Harrison E, Petticrew M, Burns R, van Schalkwyk MCI, Hawkins B. **Tobacco industry narratives of e-cigarette use in the UK: a qualitative framing analysis**. *Health Promot Int* 2024;39.

- Hong S, Son Y, Lee M, Park J, Lee Hayeon, Lee Hyeri, et al. **Temporal changes in smoking prevalence among adolescents across 23 countries**. *Acta Paediatr* 2024.

- Jooren SJA, Geuke G, Willemsen MC, Jansen MWJ, Bommelé J. **Experiences of policy-advisors in capacity, opportunity and motivation for implementing local tobacco control**. *BMC Public Health* 2024;24:3569.

- Lee DC, O'Brien KM, McCrabb S, Wolfenden L, Tzelepis F, Barnes C, et al. **Strategies for enhancing the implementation of school-based policies or practices targeting diet, physical activity, obesity, tobacco or alcohol use.** Cochrane Database Syst Rev 2024;12:CD011677.
- López-Nicolás Á, Branston JR, Ross H. **Tobacco taxation in Spain: A tax laggard with a brighter possible future.** Nicotine Tob Res 2024;27:46–53.
- Sreeramareddy CT. **Challenges to Implementation of Tobacco Control Intervention in Low- and Middle-Income Countries.** Nicotine Tob Res 2024;27:1–2.
- Yimer TM, McClure-Thomas C, Stjepanovic D, Wilson J, Chan GCK, Hall WD, et al. **The relationship between cannabis and nicotine use: A systematic review and meta-analysis.** Addiction 2024;119:2076–87.

Vaping and Vaping Harms

- Barrington-Trimis JL, Stoolmiller M, Vogel EA, Harlow A, Tackett AP, Unger JB, et al. **Recall of Flavor at First E-cigarette Use and Its Association with E-cigarette Progression: The Mediating Effects of First Sensory Experience.** J Pediatr 2024;275:114246.
- Cichońska D, Kusiak A, Goniewicz ML. **The Impact of E-Cigarettes on Oral Health-A Narrative Review.** Dentistry Journal 2024;12.
- Cox S, Jackson SE, Brown J, Kock L, Shahab L. **Examining Differences in Real-World Effectiveness of e-Cigarettes for Smoking Cessation by Source of Purchase in England: An Observational Study of Different Contexts Before and After the COVID-19 Pandemic.** Nicotine Tob Res 2024;27:125–31.
- Fathi A, Salehi S, Sadeghi S, Atash R, Monirifard R, Farahmand S. **Electronic Cigarettes and Peri-Implantitis: An Umbrella Review.** J Oral Implantol 2024;50:653–8.

- Fix BV, Bansal-Travers M, Hyland A, Najm LM, Diaz D, Sharma A, et al. **Flavored electronic nicotine delivery system product use among adults in New York State post-statewide restriction implementation.** J Public Health Policy 2024;45:687–99.
- Ford A, MacKintosh AM, Morgan A, Jones D, Moodie C, Hunt K, et al. **A content analysis of nicotine descriptors on the front of vape packaging in the United Kingdom.** Nicotine Tob Res 2024;27:152–6.
- Halvorson MA, Epstein M, Caouette JD, Danzo S, Satchell AK, Oesterle S, et al. **General and specific risk and protective factors for cigarette and electronic nicotine delivery system (ENDS) use.** Prev Sci 2024;25:1298–309.
- Münzel T, Kuntic M, Stamm P, Daiber A. **E-cigarettes and vaping, new spotlight on smoking as an old cardiovascular risk factor?** Herz 2024;49:441–7.
- Quadri MFA, Kamel AM, Nayeem M, John T, Thacheril A, Tartaglia G, et al. **Smokeless tobacco and periodontitis: A systematic review with meta-analysis.** J Periodont Res 2024;59:1062–70.
- Scherer G, Pluym N, Scherer M. **Oral health risks in adults who use electronic nicotine delivery systems and oral nicotine pouches: a critical review of the literature and qualitative synthesis of the available evidence.** Harm Reduct J 2024;21:229.
- Vojjala M, Stevens ER, Nicholson A, Morgan T, Kaneria A, Xiang G, et al. **Switching to E-cigarettes as Harm Reduction Among Individuals With Chronic Disease Who Currently Smoke: Results of a Pilot Randomized Controlled Trial.** Nicotine Tob Res 2024;27:36–45.

Young People and Vaping

- Al-Hamdani M, Davidson M, Smith S. **A survey of quit vaping strategies and relapse triggers for maintaining youth and young adult vaping abstinence in Canada.** J Addict Dis 2024;1–8.
- Chaffee BW, Guerra Castillo C, Couch ET, Urata J, Halpern-Felsher B, Hoefft KS. **Adolescents’ perceptions, experiences, and reactions to “fake” vaping devices.** Drug Alcohol Depend 2024;267:112534.
- Cole AG, Fairs L, Mantey D, Philipneri A, Degano C, Bianco M, et al. **The impact of the “CATCH My Breath” vaping prevention curriculum among high school students in Ontario, Canada: Results of a pilot test.** Prev Med Rep 2024a;48:102919.
- Do EK, Cha S, Tulsiani S, Edwards G, Yu LQ, Amato MS, et al. **Online social platform engagement by young treatment seekers in a digital vaping cessation intervention: Effects on confidence in the ability to quit vaping and vaping abstinence.** Internet Interv 2024;38:100779.
- Donaldson SI, Beard TA, Chen-Sankey JC, Ganz O, Wackowski OA, Allem J-P. **Recognition of Online E-cigarette Marketing and E-cigarette-Related Attitudes and Behaviors Among Young Adults.** Nicotine Tob Res 2024;27:73–9.
- Graham-DeMello A, Sanders C, Hosking R, Teddy L, Ball J, Gallopel-Morvan K, et al. **Lived experiences of stigma and altered self-perceptions among young people who are addicted to ENDS: a qualitative study from Aotearoa New Zealand.** Tob Control 2024.
- Hanewinkel R, Hansen J. **Exposure to e-cigarette use in influencer videos and its association with e-cigarette use among adolescents in Germany.** Tob Control 2024:tc-2024-059044.
- Kierstead EC, Dimaya B, Palmerini M, Bayacal GC, Hair EC. **Measuring cigarette and e-cigarette use over time among LGBT+ youth and young adults using a repeat cross-sectional survey, 2022-2024.** Nicotine Tob Res 2024.

- Kostuch E, Bélanger R, Leatherdale ST, Cole AG. **Exploring the cross-sectional association between the strength of school vaping policies and student vaping behaviours using data from the 2021-2022 COMPASS Study.** Can J Public Health 2024;115:936–45.
- McCausland K, Booth S, Leaversuch F, Freeman B, Wolf K, Leaver T, et al. **Socio-ecological factors that influence youth vaping: perspectives from Western Australian school professionals, parents and young people.** Int J Qual Stud Health Well-Being 2024;19:2322753.
- McLeish AC, Hart JL, Walker KL. **Long-term impact of the COVID-19 pandemic on use behavior and risk perceptions of college student E-cigarette users.** J Am Coll Health 2024;72:3748–52.
- Nguyen HV, Mital S. **Are E-Cigarettes Substitutes or Complements to Combustible Cigarettes Among Youths? Evidence From Canada.** Health Econ 2024.
- Patrick ME, Terry-McElrath YM, Arterberry B, Miech RA. **Reasons for vaping among US adolescents.** Pediatrics 2024;154.
- Skinner AT, Golonka M, Godwin J, Kwiatek S, Sweitzer M, Hoyle RH. **My friends made me do it: Peer influences and different types of vaping in adolescence.** Addict Behav 2024;159:108128.

Recent reports and news (grey literature)

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

- Action on Smoking and Health. **Survey shows funding uncertainty threatens progress on smoking.** ASH, December 2024.
- Action on Smoking and Health. **Transforming prevention: ASH’s response to the NHS 10-year Health plan consultation.** ASH, December 2024.

- Public Health Wales. **Open conversations with your child best way to address vaping concerns**. Public Health Wales, December 2024.

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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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