

**Question from Committee member Michael Galea:** “Witness 1, experts have advised our committee that the long-term health effects of vaping are still unknown. So I would like to ask: what scientific evidence do you have of the health impacts of vapes?”

**PML response to the question on notice:** Please see below examples of (including but not limited to) peer-reviewed publications, reports, independent research, and public health guidance on vaping products. These publications relate to vaping generally and are not specific to Philip Morris products.

- [\*\*Nicotine vaping in England: an evidence update including health risks and perceptions\*\*](#), A report commissioned by the United Kingdom Office for Health Improvement and Disparities, Ann McNeill, Erikas Simonavičius, Leonie Brose, Eve Taylor, Katherine East, Elizabeth Zuikova, Robert Calder, Debbie Robson, Kings College London, 29 September 2022.
- [\*\*Evidence review of e-cigarettes and heated tobacco products 2018\*\*](#) - A report commissioned by Public Health England, A report commissioned by Public Health England, Ann McNeill, Leonie S Brose, Robert Calder, Linda Bauld, Debbie Robson, February 2018 .
- [\*\*An updated overview of e-cigarette impact on human health, Respiratory Research\*\*](#), Patrice Marques, Laura Piqueras & Maria-Jesus Sanz, Respiratory Research, 18 May 2021
- [\*\*Vape facts – Health New Zealand\*\*](#)
- [\*\*National Health Service UK – Vaping to quit smoking\*\*](#)
- [\*\*Cancer Research UK – Is Vaping harmful?\*\*](#)
- [\*\*Nicotine without smoke: Tobacco harm reduction\*\*](#), Royal College of Physicians UK, April 2016
- [\*\*Public Health Consequences of E-Cigarettes\*\*](#), National Academies of Science, Engineering and Medicine; Health and Medicine Division; Board on Population Health and Public Health Practice; Committee on the Review of the Health Effects of Electronic Nicotine Delivery Systems, Eaton DL, Kwan LY, Stratton K, 23 January 2018

**Question from Committee member Michael Galea:** *And what evidence, if any, does Philip Morris have that shows that vaping can actually lead to smoking cessation? And if you do have – I will ask you again – any such studies, can you please provide them to the committee? And I ask if they are also peer reviewed.*

**PML response to the question on notice:** Please see below examples of (including but not limited to) peer-reviewed publications, reports, independent research, and public health guidance on vaping products. These publications relate to vaping generally and are not specific to Philip Morris products.

- [\*\*Trends in Harm Perceptions of E-Cigarettes vs Cigarettes Among Adults Who Smoke in England, 2014-2023\*\*](#), Original Investigation, Sarah E. Jackson, PhD, Harry Tattan-Birch, PhD; Katherine East, PhD, JAMA Network, 28 February 2024
- [\*\*Looking Back and Going Forward: Roles of Varenicline and Electronic Cigarettes in Smoking Cessation\*\*](#), National Library of Medicine, Ebenezer O Oloyede, Olatunde Ola, Victor O Kolade, and Justin Tevie, 2 August 2021
- [\*\*Electronic cigarettes for smoking cessation\*\*](#), Cochrane Library, Hartmann-Boyce J, McRobbie H, Butler AR, Lindson N, Bullen C, Begh R, Theodoulou A, Notley C, Rigotti NA, Turner T, Fanshawe TR, Hajek, 29 April 2021
- [\*\*Electronic cigarettes for smoking cessation\*\*](#), Cochrane Library, Lindson N, Butler AR, McRobbie H, Bullen C, Hajek P, Begh R, Theodoulou A, Notley C, Rigotti NA, Turner T, Livingstone-Banks J, Morris T, Hartmann-Boyce J, November 2022
- [\*\*Electronic cigarettes for smoking cessation\*\*](#), Cochrane Library, Lindson N, Butler AR, McRobbie H, Bullen C, Hajek P, Begh R, Theodoulou A, Notley C, Rigotti NA, Turner T, Livingstone-Banks J, Morris T, Hartmann-Boyce J, January 2024
- [\*\*Comparative clinical effectiveness and safety of tobacco cessation pharmacotherapies and electronic cigarettes: a systematic review and network meta-analysis of randomized controlled trials\*\*](#), Kyla H. Thomas, Michael N. Dalili, José A. López-López, Edna Keeney, David M. Phillippo, Marcus R. Munafò, Matt Stevenson, Deborah M. Caldwell, Nicky J. Welton, Society for the Study of Addiction, 11 October 2021
- [\*\*Efficacy and Safety of E-Cigarette Use for Smoking Cessation: A Systematic Review and Meta-Analysis of Randomized Controlled Trials\*\*](#), Jeremy Y. Levett, MD, Kristian B. Fillion, PhD, Pauline Reynier, MSc, Celine Prell, MD, Mark J. Eisenberg, MD, MPH, American Journal of Medicine, 4 May 2023
- [\*\*Electronic Nicotine-Delivery Systems for Smoking Cessation\*\*](#), Reto Auer, M.D., Anna Schoeni, Ph.D., Jean-Paul Humair, M.D., M.P.H., Isabelle Jacot Sadowski, M.D., Ivan Berlin, M.D., Ph.D., Mirah J. Stuber, M.D., Moa Lina Haller, M.D., Rodrigo Casagrande Tango, M.D., M.P.H., Anja Frei, Ph.D., Alexandra Strassmann, Ph.D., Philip Bruggmann, M.D., Florent Baty, Ph.D., Martin Brutsche, M.D., Ph.D., Kali Tal, Ph.D., Stéphanie Baggio, Ph.D., Julia n Jakob, M.D., Nicolas Sambiagio, Ph.D., Nancy B. Hopf, Ph.D., Martin Feller, M.D., Nicolas Rodondi M.D., and Aurélie Berthet, Ph.D., The New England Journal of Medicine, 14 February 2024

**Question from Committee member Aiv Puglielli:** *What political parties have you or your affiliates donated to in the last 10 years?*

**PML response to the question on notice:** National Party of Australia and the Liberal Democratic Party. Further information is available at [transparency.gov.au](https://transparency.gov.au)

**Question from Committee member Mathew Hilakari:** *I am just wondering about the scientific research that you fund that is favourable to your business interests, and do you fund those? Do you receive reports, in that case, from your partner companies, which demonstrate that research, and can you provide those to the committee?*

**PML response to the question on notice:**

- Globally, PMI is committed to conducting research and development responsibly and transparently. Further information on PMI's global approach to research and development is available in its [2023 Integrated Report](#). As per this Report, *"We welcome objective studies by external parties seeking to contribute to a science-based debate on the critical societal question of tobacco harm reduction and nicotine science"*
- Further information is available on [pmiscience.com](https://pmiscience.com). As per PMI's [2023 Integrated Report](#), *"since 2008, we have published 531 papers on smoke-free products and related science in peer-reviewed publications"*.

**Question from Committee member Mathew Hilakari:** *Could you also please take on notice how much has been spent on this research over the last financial year and the last five financial years?*

**PML response to the question on notice:**

- PMI globally reports on a calendar year basis. As per [PMI's 2023 Annual Report](#), "The research and development expense for our smoke-free portfolio accounted for 99% of our total research and development expense for each of the three years ended December 31, 2023, 2022 and 2021". PMI's 'Research and Development' expense for each of these calendar years is available in its 2023 Annual Report.
- PMI's 'Research and Development' expense for the calendar years of 2018, 2019, 2020 is available in [PMI's 2020 Annual Report](#).

**Question from Committee member Mathew Hilakari:** *Have you become aware of a failure of a retailer and reported that to authorities in supplying nicotine products to an under 18-year-old?*

**PML response to the question on notice:**

- PMI has robust requirements of our trade partners. We work with them to ensure they understand why they should not sell tobacco or nicotine-containing products to youth. These global PMI measures complement local regulations for youth access prevention, which we comply with, and with which retailers must comply. We require strict compliance with minimum age laws. Further information on PMI youth access prevention is [available on PMI's website](#).
- In Australian jurisdictions where tobacco product licensing or notification is required, there are mechanisms for the rescindment of a licence or notification where a retailer breaches laws for selling tobacco products to minors.