

2021 Publications and Reports

by the Foundation for a Smoke-Free World and its Partners

PUBLICATIONS

[**Ancient Migrations - The first complete genome assembly, annotation and variants of the Zoroastrian-Parsi community of India**](#)

Authors: Pasha N, Krishnasamy K, Morawala-Patell V, et al.

Published by bioRxiv: February 17, 2021

[**DNA methylation differentiates smoking from vaping and non-combustible tobacco use**](#)

Authors: Anderson A, Reimer R, Philibert R, et al.

Published by Epigenetics: February 25, 2021

[**Critical appraisal of the European Union Scientific Committee on Health, Environmental and Emerging Risks \(SCHEER\) Preliminary Opinion on electronic cigarettes**](#)

Authors: O'Leary R, Polosa R, Li Volti G, et al.

Published by Harm Reduction Journal: March 10, 2021

[**Role of Cigarette Smoke on Angiotensin-Converting Enzyme-2 Protein Membrane Expression in Bronchial Epithelial Cells Using an Air-Liquid Interface Model**](#)

Authors: Caruso M, Distefano A, Li Volti G, et al.

Published by Frontiers in Pharmacology: March 30, 2021

[**Impact of Tobacco Consumption on Mental Health: A Short Review**](#)

Authors: Shilpa G, Jain N, et al.

Published by Global Journal for Research Analysis: April 4, 2021

[**Cessation of smoking in COPD: a reality check**](#)

Author: Polosa R.

Published by Internal and Emergency Medicine: May 10, 2021

[**Behaviour of smokers and their influencers in the UK during COVID-19 pandemic**](#)

Authors: Pawardhan S, Trainer C.

Published by MedRxiv: May 26, 2021

[**Smokefree-UK, a need to fire up commitment to quit smoking**](#)

Authors: Centre for Health Research and Education

Published by Cision PR Newswire: May 27, 2021

[**The first complete Zoroastrian-Parsi mitochondrial reference genome and genetic signatures of an endogamous non-smoking population**](#)

Authors: Viloo Morawala V, Pasha N, The Avestagenome Project, et al.

Published by Meta Gene: June 1, 2021

[**Estimation of Women Beedi Workers in India and Their Socio-economic Condition**](#)

Authors: Mallick J, Satpathy S.

Published by The Indian Journal of Labour Economics: June 9, 2021

[**Identification of biomarkers specific to five different nicotine product user groups: Study protocol of a controlled clinical trial**](#)

Authors: Sibula F, Kumar A, et al.

Published by Contemporary Clinical Trials Communications: June 15, 2021

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PUBLICATIONS

[The Effectiveness of Tobacco Control Policy in Georgia](#)

Author: Mzhavanadze, G

Published by Economics and Business:
July 1, 2021

[Post-Brexit opportunities for tobacco policy reform and tobacco harm reduction in the UK](#)

Author: Stimson G.

Published by International Journal of Drug Policy
July, 2021

[Impact of exclusive e-cigarettes and heated tobacco products use on muco-ciliary clearance](#)

Authors: Polosa R, Emma R, Cibella F.

Published by Therapeutic Advances in Chronic Disease: August 12, 2021

[Epigenetic Analyses of Alcohol Consumption in Combustible and Non-Combustible Nicotine Product Users](#)

Authors: Dawes K, Sampson L, et al.

Published by Epigenomes: September 1, 2021

[The Codependence Between Nutrition, Resilience, and Sustainable Food Systems](#)

Authors: The Mwapata Institute

Published by AGRA: September 8, 2021

[Assessing the Knowledge, Attitude, and Practices of Cigarette Smokers and Use of Alternative Nicotine Delivery Systems in Pakistan: A Cross-Sectional Study](#)

Authors: Hameed A, Malik D.

Published by Advances in Public Health:
September 24, 2021

[Screening of different cytotoxicity methods for the assessment of ENDS toxicity relative to tobacco](#)

Authors: Caruso M, Emma R, Rust S, et al.

Published by Regulatory Toxicology and Pharmacology: October 1, 2021

[Trends in Tobacco Production and Prices in Malawi](#)

Authors: Wineman A, Chilora L, Jayne T .

Published by Nicotine & Tobacco Research:
October 4, 2021

[1,2-Propylene Glycol: A Biomarker of Exposure Specific to e-Cigarette Consumption](#)

Authors: Burkhardt T, Pluym N, Scherer G, Scherer M.

Published by Separations: October 9, 2021

[A scoping review of studies on the health impact of electronic nicotine delivery systems](#)

Authors: Hajat C, Polosa R, Stein E, et al.

Published by Internal and Emergency Medicine:
October 12, 2021

[Estimation of the global number of e-cigarette users in 2020](#)

Authors: Jerzyński T, Stimson G, Shapiro H, Król G.

Published by Harm Reduction Journal:
October 23, 2021

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PUBLICATIONS

[Trends in tobacco smoking and smoking cessation in Russia with a focus on Indigenous populations: A narrative review](#)

Authors: Merkin A, Nikolaev A, Glover M, et al.

Published by Global Epidemiology:
November 2021

[The relationship of smoking to cg05575921 methylation in blood and saliva DNA samples from several studies](#)

Authors: Dawes K, Andersen A, Philibert R, et al.

Published by Scientific Reports: November 3, 2021

[Barriers to Cigarette Smoking Cessation in Pakistan: Evidence from Qualitative Analysis](#)

Authors: Hameed A, Malik D.

Published by Journal of Smoking Cessation:
November 8, 2021

[Examining the evidence for the health impact of combustion-free products: progress and prospects for tobacco harm reversal and reduction](#)

Author: Polosa R.

Published by Internal and Emergency Medicine:
November 16, 2021

[Population-based sero-epidemiological study protocol for the impact of smoking on Sars-Cov-2 infection and Covid-19 outcomes](#)

Author: Polosa R, Tomaselli V, Ferrara P, et al.

Published by JMIR Publications:
November 22, 2021

[Electronic nicotine delivery systems exhibit reduced bronchial epithelial cells toxicity compared to cigarette: the Replica Project](#)

Authors: Caruso M, Emma R, Rust S, et al.

Published by Scientific Reports:
December 17, 2021

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REPORTS

[Progress in Tobacco Harm Reduction in Southeast Asia: A Scoping Study and Situation Analysis](#)

Authors: Jewel J, Muhit M.

Published by Child Sight Foundation:

March 2021

[Critical appraisal of the European Union Scientific Committee on Health, Environmental and Emerging Risks \(SCHEER\) Preliminary Opinion on electronic cigarettes.](#)

Authors: O’Leary R, Polosa R, Li Volti G.

Published by Harm Reduction Journal:

March 10, 2021

[Methods, Developments, and Technological Innovations for Population Surveys](#)

Authors: Tomaselli V, Battiato S, Ortis A, Cantone GG, Urso S, Polosa R.

Published by Center of Excellence for the Acceleration of Harm Reduction (CoEHAR):

March 11, 2021

[Nicotine dosimetry and stability in Cambridge Filter PADs \(CFPs\) following different smoking regimen protocols and condition storage](#)

Authors: Zuccarello P, Rust S, Caruso M, Emma R, Polosa R, et al.

Published by Center of Excellence for the Acceleration of Harm Reduction (CoEHAR):
March 24, 2021

[Smoking Prevalence Among Indigenous Peoples of the World.](#)

Author: Glover M.

Published by Centre of Research Excellence: Indigenous Sovereignty & Smoking:
March 29, 2021

[Tobacco Harm Reduction: A Burning Issue for Asia](#)

Author: Shapiro H.

Published by Knowledge Action Change:
April, 2021

[A Multi-Disciplinary Study of the Drivers of Smoking Cessation in Japan](#)

Authors: Hahn R, Prieger J, Hunt E

Published by BOTEC Analysis: April 1, 2021

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[Food Recognition for Dietary Monitoring during Smoke Quitting](#)

Authors: Caponnetto P, Giudice O, Polosa R et al.

Published by Center of Excellence for the Acceleration of Harm Reduction (CoEHAR): April 28, 2021

[Heru & Hapū Māmā: Reinstating Traditional Practices To Reduce Smoking While Pregnant](#)

Author: Glover M.

Published by Centre of Research Excellence: Indigenous Sovereignty & Smoking: May 1, 2021

[Behaviour of smokers and their influencers in the UK during COVID-19 pandemic](#)

Authors: Patwardhan S, Trainer C.

Published by Centre for Health Research and Education Limited: May 26, 2021

[A Multi-Disciplinary Study into the Drivers of Smoking Cessation in Great Britain](#)

Author: Hampsher S.

Published by BOTEC Analysis: June 1, 2021

[A Multi-Disciplinary Study into the Drivers of Smoking Cessation in Australia](#)

Authors: Aziani A, Carbone C, Favarin S, Corradini S.

Published by BOTEC Analysis: June 1, 2021

[A Multi-Disciplinary Study Into the Drivers of Smoking Cessation in South Korea](#)

Authors: Prieger J, Choi A.

Published by BOTEC Analysis: June 3, 2021

[A Multi-Disciplinary Study of the Drivers of Smoking Cessation in Canada](#)

Authors: Irvine I, Hampsher S.

Published by BOTEC Analysis: June 3, 2021

[Critical analysis of common methodology flaws in e-cigarette surveys](#)

Authors: Hajat C, Polosa R, Selya A, et al.

Published by Center of Excellence for the Acceleration of Harm Reduction (CoEHAR): June 14, 2021

[SARS-Cov-2, Smoking, and Nicotine Consumption: Investigating the Intended and Unintended Consequences of Responses to COVID-19 around the World](#)

Authors: Hampsher, S.

Published by Botec Anyalsis: July 1, 2021

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REPORTS

[Reclaiming Stolen Years](#)

Authors: Centre for Health Research and Education

Published by Centre for Health Research and Education Limited: July 1, 2021

[Why study turkey's tobacco control policies?](#)

Authors: The Economic Policy Research Foundation of Turkey

Published by The Economic Policy Research Foundation of Turkey (TEPAV): September 2021

[Fighting the Last War: The WHO and International Tobacco Control](#)

Author: Shapiro H.

Published by Knowledge Action Change: October 27, 2021

[The First Three Years](#)

Authors: Knowledge Action Change

Published by Knowledge Action Change: October 27, 2021

[Impediments to tobacco harm reduction in LMICs](#)

Authors: Sutton N, Kelsey B, Bostock G.

Published by Cambridge Design Partnership: December 1, 2021

[Store robberies for tobacco products: Perceived causes and potential solutions](#)

Authors: Glover M, Shepherd R, Nazari H, et al.

Published by Centre of Research Excellence: Indigenous Sovereignty & Smoking: December 16, 2021

POLICY BRIEF REPORTS

Policy Brief #6: Food Imports in Malawi: Trends, Drivers and Policy Implications

By Mwapata Institute

Published: January 2021

Malawi has huge agricultural potential but, Malawi's food demand outpaces domestic production, making the nation a heavy net food importer. Drawing on several data sources, this paper provides an in-depth analysis of food import trends and their drivers, and explores policy options for shifting the trade balance.

Policy Brief #7: Lessons Learnt: Promises, Achievements,

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REPORTS

Shortcomings, and Pitfalls of Malawian Input Subsidies

By Mwapata Institute

Published: April 2021

Malawian governments have spent substantial resources on agricultural input subsidies over the years. While achievements can be celebrated, improvements could be made to increase the impact of money spent on subsidies. We highlight successes, factors hindering impact, and options for improving subsidies

Policy Brief #8: Exploring Adoption Effects of Subsidies and Soil Fertility Management in Malawi

By Mwapata Institute

Published: May 2021

Malawi has implemented input subsidies for decades, yet key crop yields remain low. Low crop response to subsidized inputs is partly attributable to poor soil health and low adoption of soil and water conservation. This brief examines joint adoption of subsidized fertilizer and other fertility management practices.

Policy Brief #9: Trends in Tobacco Production and Prices in Malawi

By Mwapata Institute

Published: May 2021

Diversification away from tobacco production is regarded as a priority for Malawi. This paper characterizes broad trends in production since 2000 in order to understand whether Malawi is shifting away from tobacco and how production and the prices received by farmers have changed over time.

Policy #10: Assessing Alternatives to Tobacco Farming for Smallholders in Malawi

By Mwapata Institute

Published: May 2021

We assess the profitability of Malawian tobacco and potential alternatives. Over the past 10 years the share of smallholders growing tobacco has declined from 16% to just 5%. Improving value chains for alternative crops is likely more cost-effective than moving the few remaining smallholders out of tobacco.

Policy Brief #11: Trends in Tobacco Production and Prices in Malawi

By Mwapata Institute

Published: August 2021

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Retail prices for commonly used fertilizers have steeply risen in recent months. In this brief we break down the drivers and estimate that at least 90% of the increases can be attributed to changes in global markets for food, fuel, and fertilizer. Policy action requires difficult choices on how to distribute this imposed burden.

Policy #12- The 2020/21 Affordable Inputs Program: Key Implementation Issues and Messages

By Mwapata Institute

Published: October 2021

Three Institutions - Mwapata, the Policy Support for Agricultural Transformation Project, and the European Union Delegation in Malawi - undertook independent assessments of the inaugural year of the AIP. This brief synthesizes these to highlight consistently noted successes and challenges.

COUNTRY REPORTS

Pakistan Economic Report

By Quality Belligerence (QBal)

Published: April 2021

This scoping study reviews the infrastructure of existing tobacco health and tax regulations in Pakistan, including a review of economic

research on the emerging space for HRPs (Harm Reduction Products).

Pakistan Country Report

By Alternative Research Initiative

Published: August 2021

This report provides a glimpse of the tobacco landscape in Pakistan. Despite bans in recent years, there are still 24 million users of smoked and smokeless tobacco in Pakistan. Given the high levels of tobacco use, the country faces considerable health and economic consequences.

Indonesia Scoping Report

By Indonesian Development Foundation

Published: October 2021

The scoping study was conducted to provide a range of information associated with the socio-economic issues, productivity losses and health outcomes related to tobacco consumption in Indonesia.

Smoking Cessation in Germany: Drivers and Barriers

By BOTEK Analysis

Published: December 2021

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This report explores the structural reasons for Germany's historical opposition to tobacco control both at the national and international level, examining historical, political, cultural, procedural, and economic impediments to reducing smoking.

Kazakhstan Country Report

By Healthy Initiatives

Published: December 2021

Despite growth to 32.1 billion units in 2009 and the subsequent decline to 22.7 billion units in 2019, Kazakhstan is still at the same level as in 2003, when it had just launched its active efforts aimed to curb tobacco use. This indicates that the country has merely slowed down the growth in its tobacco use and has not achieved any effective reduction.

Russian Federation Country Report

By Healthy Initiatives

Published: December 2021

As of 2018, roughly 226,000 people died due to the smoking-related diseases, of whom 201,000 were men. This report explores the factors that contribute to Russia remaining among the

countries with the highest tobacco-related mortality rate.

Uzbekistan Country Report

By Healthy Initiatives

Published: December 2021

In Uzbekistan about 14.4% of the adult population smokes cigarettes, versus 17% in Kazakhstan, over 27% in Russia, 23% in Ukraine, and 25% in Georgia. This report goes into prevalence rates, legislative measures taken by authorities to reduce smoking levels, taxation of tobacco products and many more ways the country is trying to make that percentage lower.

Ukraine Country Report

By Healthy Initiatives

Published: December 2021

Despite the efforts of international organizations to address this issue, there are still issues with the data available on smoking prevalence and the use of nicotine-containing products. This report lays out the many contributing factors that make smoking one of the major public health issues in Ukraine.

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Georgia Country Report

By Healthy Initiatives

Published: December 2021

This report explores smoking and passive smoking in Georgia and why they are among the main public health issues in the country. 43% of the adult population of Georgia are exposed to secondhand smoke at home and 15.8% are affected in the workplace.

Nepal Country Report

By CSF Global

Published: December 2021

The government of Nepal has taken some important measures to regulate the tobacco market and reduce health burden of tobacco consumption, particularly since early 2010s, when it enforced tobacco control act in 2011. This report takes you into the history of tobacco in Nepal and goes into detail on the several other measures like graphic health warning, banning of promotion and advertisement, banning of sales to minors, introducing health burden tax, promoting public awareness that country has enforced.

Bangladesh Economic Report

By CSF Global

Published: December 2021

This report examines the economic landscape of the tobacco industry in Bangladesh, which has a large and thriving tobacco market that is fueled by its growing economy.