outlook

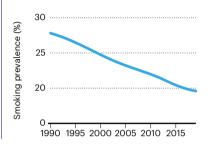
AN AVOIDABLE HEALTH DISASTER

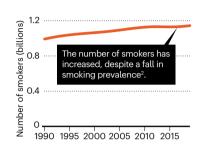
Tobacco smoking continues to place an extraordinarily heavy burden on global health. By **Richard Hodson**; infographic by **Mohamed Ashour**

DEFYING PROGRESS

Efforts to discourage smoking have steadily reduced its prevalence from 27.8% of the global population in 1990 to 19.6% in 2019 (ref. 1). However, the total number of people who smoke has actually increased over the same period, owing to population growth.

Global number of smokers in 2019 BILLION PEOPLE





PREVENTABLE DEATHS

More than one in ten deaths can be attributed to smoking². Most smoking-related deaths stem from one of just four non-communicable diseases (NCDs): ischaemic heart disease, chronic obstructive pulmonary disease, stroke and cancer of the trachea, bronchi and lungs.

Non-communicable diseases **74.4%**

Communicable, maternal, neonatal and nutritional diseases 18%

Injuries **7.6%**

ALL DEATHS



SMOKING-RELATED DEATHS



13.6%

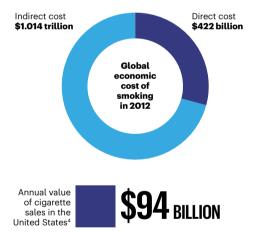
of all deaths are smoking-related.

200
MILLION
YEARS

of healthy life were lost to disability and death in 2019 as a result of smoking².

ECONOMIC STRAIN

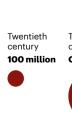
Direct health expenditure on smoking-related diseases, as well as indirect costs of smoking such as lost labour due to disability and death, cost the world more than US\$1.4 trillion in 2012 (ref. 3). These costs outweigh the value generated by the sale of cigarettes.



Annual economic loss in the United States due to smoking⁴ \$437 BILLION

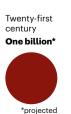
NEVER TOO LATE

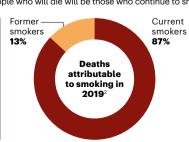
If current smoking patterns do not change, by the end of the twenty-first century ten times as many people will have died from smoking as during the whole of the twentieth century. The vast majority of people who will die will be those who continue to smoke; quitting at any age reduces the risk of a smoking-related death considerably.

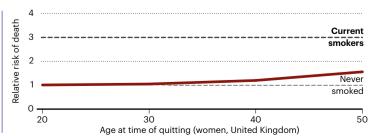


causes one in

six NCD deaths







BATTLING MEN **AN EPIDEMIC** The fight against tobacco smoking has reached different stages in various parts of the world. In many high-income countries (HICs), smoking rates are on the way down from previous highs, thanks in part to the adoption of anti-smoking policies such as plain packaging and high taxation. Low- and middle-income countries are more likely to be experiencing an earlier phase of the epidemic, in which smoking rates are yet to decline. In some low-income Brazil is one of In Timor-Leste 65% countries, smoking might not yet have taken hold at all, only two of men smoke1 countries to the highest rate in especially among women8. the world. implement tobacco-control policies to the full extent recomme<u>nded</u> Phase 1: by the WHO. high prevalence and not declining Phase 2: WOMEN high prevalence and declining Phase 3: low prevalence and declining rance and Phase 0. Portugal are never had high the only HICs prevalence in which women's 'Not declining' in phase 1 means smoking rates that smoking rates have never are yet to fall. declined by more than 10% for

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men and 5% for women.

1. Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2019 (IHME, 2021). 2. GBD 2019 Tobacco Collaborators. Lancet 397, 2337-2360 (2021). 3. Goodchild, M., Nargis, N. & Tursan d'Espaignet, E. Tob. Control 27, 58-64 (2018). 4. Nargis, N. et al. Lancet Public Health 7, E834-E843 (2022). 5. Jha, P. Addiction 113, 1392-1393 (2018). 6. Pirie, K. et al. Lancet 381, 133-141 (2013). 7. Jha, P. eLife 9, e49979 (2020). 8. Dai, X., Gakidou, E. & Lopez, A. D. Tob. Control 31, 129-137 (2022).

A TURNING TIDE?

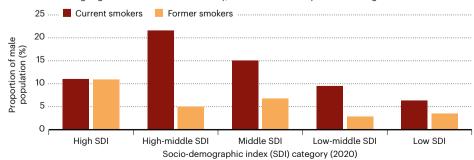
Policies that promote smoking cessation are common in countries with high economic and social development, and have led to roughly equal numbers of current and former smokers. In nations with lower development, where an increase in smoking might have occurred more recently, cessation efforts are yet to have as significant an effect⁸.

Women are yet to

take up smoking in

large numbers in

40% of countries mostly in Africa8



90%

Quitting smoking before the age of 40 avoids more than 90% of the excess risk of death7.

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