

# DEATHS FROM

# AIR POLLUTION

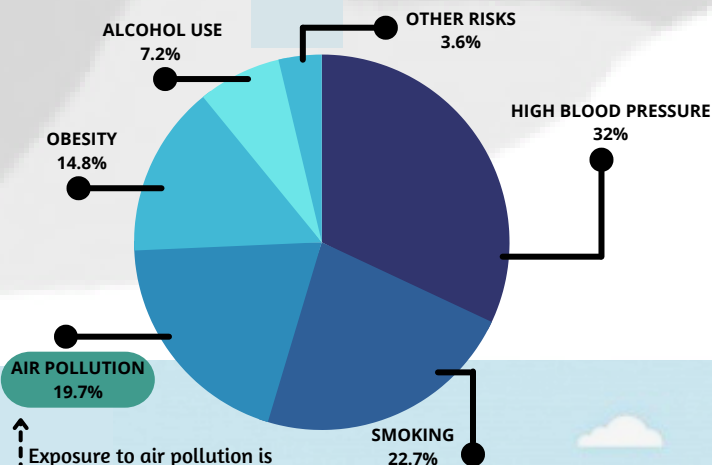
## AIR POLLUTION COSTS MONEY AND LIVES

### WHAT IS AIR POLLUTION?

- defined as an alteration of air quality that can be characterized by measurements of chemical, biological or physical pollutants in the air.
- the undesirable presence of impurities or the abnormal rise in the proportion of some constituents of the atmosphere.
- It can be classified in 2 sections: visible and invisible air pollution.

### Air pollution is responsible for millions of deaths each year.

PERCENTAGE OF NUMBER OF DEATHS BY RISK FACTOR IN THE WORLD:

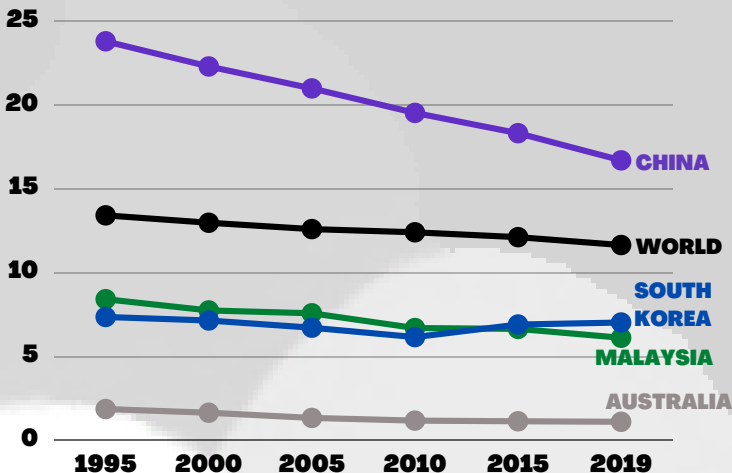


Exposure to air pollution is now the third leading risk factor for deaths worldwide. So, air pollution is one of the leading risk factors for death. In low-income countries, it is often very near the top of the list (or is the leading risk factor).



### SHARE OF DEATHS ATTRIBUTED TO AIR POLLUTION

Share of deaths, from any cause, which are attributed to air pollution - from outdoor and indoor sources - as a risk factor.

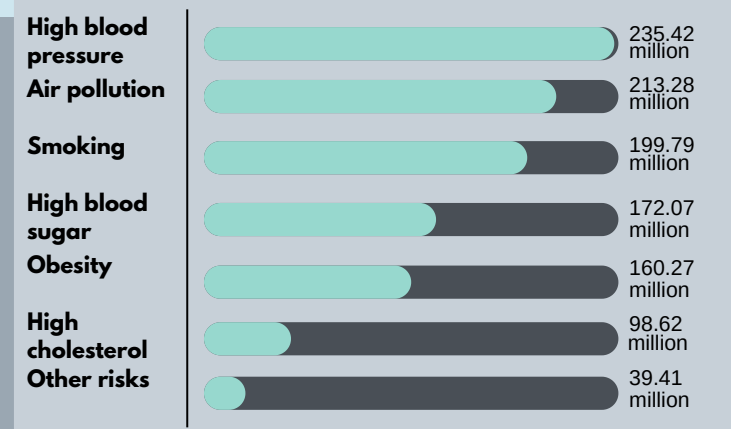


Air pollution contributes to **11.64692768558896%** of deaths globally.



### Air pollution is one of the leading risk factors for disease burden.

DISEASE BURDEN BY RISK FACTOR, WORLD, IN 2019

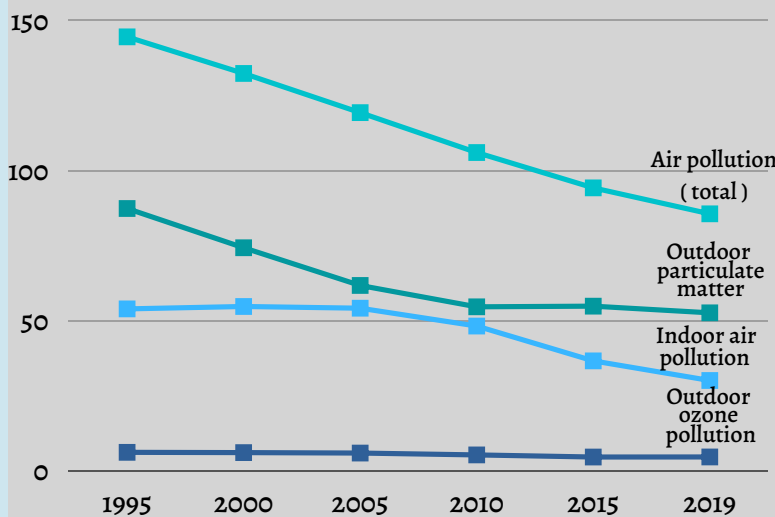


Global disease burden takes into account not only years of life lost to early death, but also the number of years lived in poor health. In the visualization we see risk factors ranked in order of DALYs – disability-adjusted life years – the metric used to assess disease burden. Again, air pollution is near the top of the list making it one of the leading risk factors for poor health across the world.

### How are death rates from air pollution changing?

Death rates from air pollution are falling – mainly due to improvements in indoor pollution.

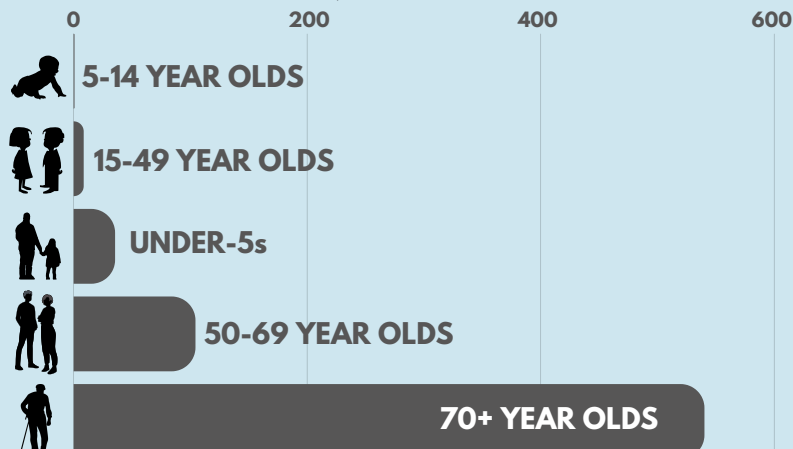
Globally we see that in recent decades the death rates from total air pollution has declined: since 1990 death rates have nearly halved. But, as we see from the breakdown, this decline has been primarily driven by improvements in indoor air pollution. Death rates from indoor air pollution have seen an impressive decline, whilst improvements in outdoor pollution have been much more modest.



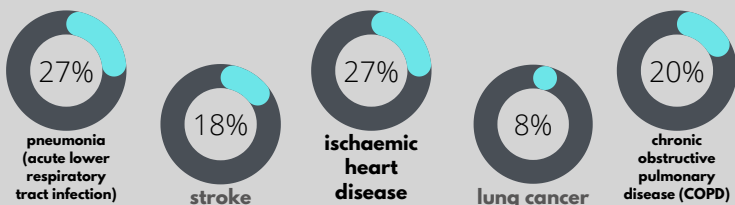
### Death rates from outdoor air pollution are highest in older populations

OUTDOOR AIR POLLUTION DEATHS RATES BY AGE, WORLD IN 2019

THE NUMBER OF PREMATURE DEATHS ATTRIBUTED TO AIR POLLUTION PER 100,000 INDIVIDUALS



The WHO suggests that the deaths caused by indoor air pollution break down as follows:



### A CHALLENGE WE CAN'T AFFORD TO IGNORE

With more lives lost and higher costs each year, air pollution is a challenge that countries can't afford to ignore. Concerted action is urgently needed to fix air quality.

### SOURCES...

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