

STATE OF GLOBAL AIR /2019



66,200 deaths
due to air pollution
in 2017

Nearly 6 months'
loss in life
expectancy
at birth due to air
pollution exposure

13 µg/m³
population-weighted
average PM_{2.5}
concentration

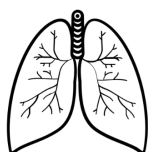
45 ppb population-
weighted seasonal
average ozone

Brazil

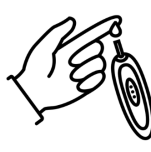
Air pollution is the 8th leading risk factor for mortality in Brazil, accounting for nearly 5% of deaths (66,200) in 2017 alone.

Air pollution exposures, including exposure to outdoor particulate matter (PM_{2.5}), have been linked to increased hospitalizations, disability, and early death from respiratory diseases, heart disease, stroke, lung cancer, and diabetes. Exposure to ambient ozone is linked to COPD.

Percentage of deaths by cause attributed to air pollution in Brazil.



22 percent
of COPD deaths



17 percent
of diabetes
deaths



11 percent
of ischemic heart
disease deaths



10 percent
of lung cancer
deaths

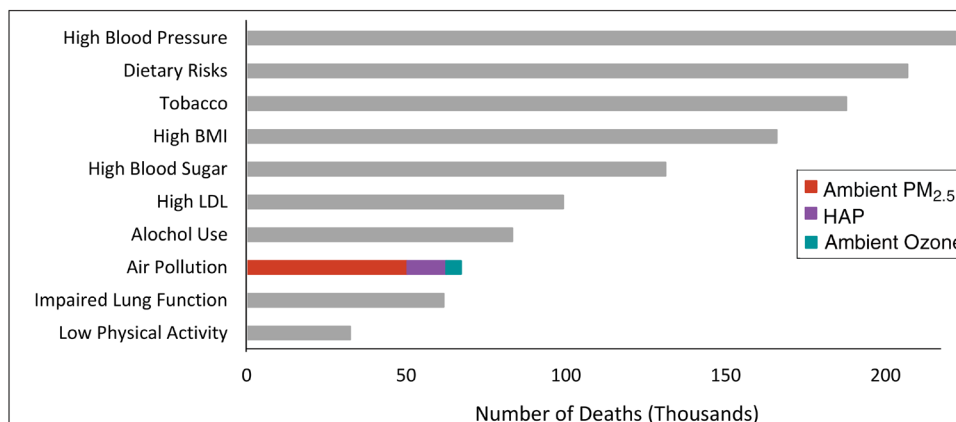


7 percent
of stroke deaths

Key Facts

- Air pollution is the 8th leading risk factor in Brazil in 2017. Individually, outdoor air pollution is ranked as the 10th leading risk factor.
- Only 2% of Brazilians live in areas with PM_{2.5} concentrations above the WHO's least-stringent target of 35 µg/m³, but almost 70% of the population live in areas with PM_{2.5} concentrations above the WHO's Air Quality Guideline of 10 µg/m³.
- There were 50,300 deaths due to exposure to outdoor PM_{2.5}; 12,200 deaths due to exposure to household air pollution; and 4,610 deaths due to ambient ozone.
- Exposure to outdoor PM accounted for a loss of 6 months in life expectancy, and exposure to HAP accounted for a loss of 1 month.

Leading risk factors for death and disability in Brazil in 2017.



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For more details, please visit
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IHME



The State of Global Air website is a collaboration between the Health Effects Institute and the Institute for Health Metrics and Evaluation, with expert input from the University of British Columbia



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