

# Household air pollution

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## Key facts

- **Around 2.3 billion people worldwide (around a third of the global population) cook using open fires or inefficient stoves fuelled by kerosene, biomass (wood, animal dung and crop waste) and coal, which generates harmful household air pollution.**
- **Household air pollution was responsible for an estimated 3.2 million deaths per year in 2020, including over 237 000 deaths of children under the age of 5.**
- **The combined effects of ambient air pollution and household air pollution are associated with 6.7 million premature deaths annually.**
- **Household air pollution exposure leads to noncommunicable diseases including stroke, ischaemic heart disease, chronic obstructive pulmonary disease (COPD)**

## Related

- [WHO's work on air pollution](#)
- [WHO Air Quality and Health Unit](#)
- [Ambient \(outdoor\) air pollution fact sheet](#)
- [Air pollution data portal](#)
- [WHO household energy database](#)
- [Clean Household Energy Solutions Toolkit \(CHEST\)](#)
- [Tracking SDG7](#)