Air pollution accounted for nearly 17% of all deaths in Afghanistan in 2023. Considered separately, outdoor particulate matter (PM_{2.5}) ranked as the seventh leading risk factor for deaths, and household air pollution (HAP) ranked first. Ozone was not in the top 20 risk factors.

Key Statistics at a Glance



of the population of Afghanistan lives in areas where PM_{2.5} levels are above the least stringent WHO Interim Target for healthy air (35 $\mu g/m^3$)



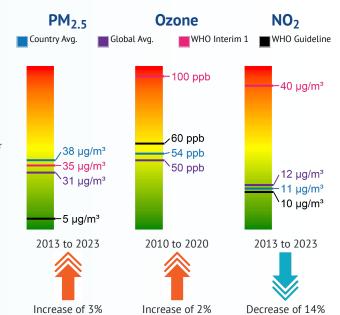
of the population lives in areas where PM2.5 levels do not meet the national annual standard $(35 \mu g/m3)$.



of outdoor PM_{2.5} comes from fossil-fuel combustion (i.e., coal, oil and gas)



of deaths due to air pollution are in children under



Good

News:

Middle East and North African (MENA) countries are recognizing the importance of public transportation and has implemented policies related to expansion of public transport networks, electrification of public transport, sustainable urban planning and smart public transport systems.

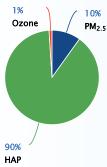
Health Impacts of Air Pollution

Air pollution is among the top 5 risk factors for death in Afghanistan, with

more than 31 thousand deaths from air pollution. The top 5 risks in Afghanistan are: Child and maternal

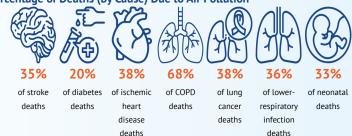
malnutrition, High systolic blood pressure, Air pollution, Dietary risks, and High fasting plasma glucose.

Air pollution deaths by pollutant



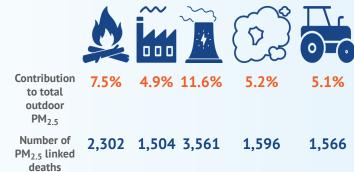
253 deaths per 100,000 people are due to air pollution in Afghanistan. This is higher than the global average.

Percentage of Deaths (by Cause) Due to Air Pollution



Top 5 Sources of Outdoor PM_{2.5} and Associated Health Burden

Residential Industry Energy Anthropogenic Agriculture Dust



Please note that PM_{2.5} concentrations reported here are estimated using a combination of satellite data, ground air quality monitoring data, and chemical transport models. These estimates can be more uncertain where ground monitoring data are limited or not available.

** Based on data from GBD-MAPS - Global Project. Explore the data for your country. *** Based on the 2022 OpenAQ assessment on air quality monitoring in countries around the world





