

Country: Russia

Agenda Item: Health Issues Caused by Air Pollution

Russia is a country located in East Europe and North Asia. Russia is the biggest country in the world it's two times bigger than Canada, the second biggest country in the world. Russia's capital is Moscow. Russia has a population of 140 million people. Russia's livelihood sources mostly are about industry and service for people. 1-2 % of people do fishing, 5-7% of people work for agriculture, 25-30% do industry and 60-65% of people do service for people. Russia is one of the best countries in education. But it also has its own problems. For example, problems like health issues caused by air pollution.

According to historians, oil was first mentioned in Russian territory in 1597. People collected oil from the surface of Ukhta River. But first factory was opened there at the 18th century. Since that time oil production in Russia developed rapidly. As of 2025, Russia ranks third in the world in oil production with an output of 10.727 million barrels per day. Oil production negatively impacts human health due to exposure to hazardous production factors and environmental pollution from oil and its products. This affects both industry workers and residents living near oil production facilities. Long term exposure to pollutants on the human body leads to the development of different diseases. Some possible consequences; respiratory diseases for example asthma or bronchitis, cancer in various organs and systems, neurological diseases for example depression, memory loss or headache. According to statistics that were recognized in May 2025 a critical situation is observed in a number of large cities. Ussuriysk air pollution is 25 mg/m³, Khabarovsk: 31 mg/m³ and Novokuznetsk is 18 mg/m³. Air pollution in different cities is changing but generally bad because of industrial development including mineral extraction and processing. But oil production is not the only source of environmental pollution in Russia. Big cities such as Moscow and St. Petersburg also suffer from air pollution but the source is different. Pollution is caused by transportation, industries and huge garbage dumps.

Russia is trying a mix of regulation, technology upgrades, and public awareness. For example, the project 'Energy from Waste' aims to make waste a source of energy. Our ideas for a better country are; first to transition away from petrol vehicles and make electric vehicles more popular. We want to ask Norway which is one of the world leaders in the implementation of electric vehicles. Then to invent machines that clean the air. We want to ask Japan for help at this step because Japan is a leader in the development of high-tech industries.

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