

# NATIONAL POLLUTANT INVENTORY

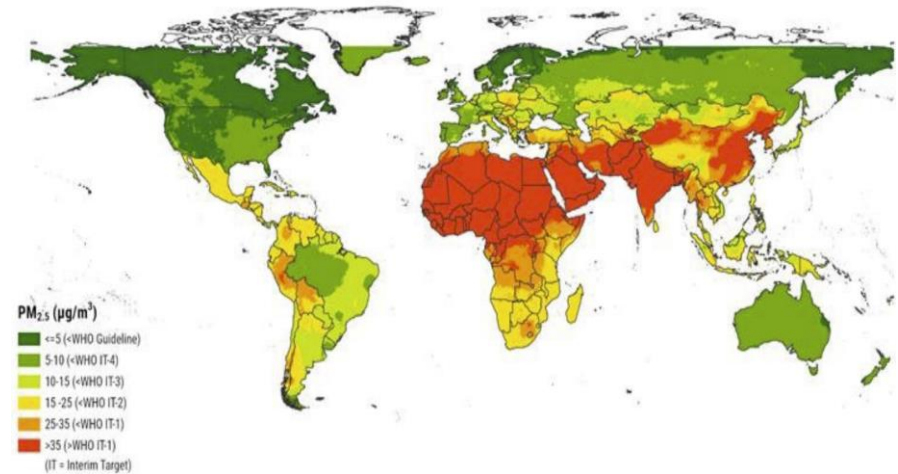


Manpreet Kaur

# Air pollution—An alarming situation

The World Health Organization (WHO) reports that almost 90 percent of people worldwide are exposed to dangerous pollution.

Our growing population, increased urbanization, higher demands on transport, and energy consumption all contribute to higher levels of air pollution. In addition, an increase in the frequency of droughts has led to a rise in particle air pollution due to more bushfires and wind-blown dust storms.



# Harmful Effects Of Air Pollution



# What is the National Pollutant Inventory?

The National Pollutant Inventory (NPI) contains information about toxic substances when emitted at certain levels, have the potential to be harmful to human health or the environment.

Annual facility reports

Names, locations, and primary ANZSIC 2006 classification of NPI facilities

Annual emissions of substances to air, water, and land are reported by NPI facilities (e.g., mining, manufacturing, waste management, etc.)

NPI facilities reported emission reductions activities

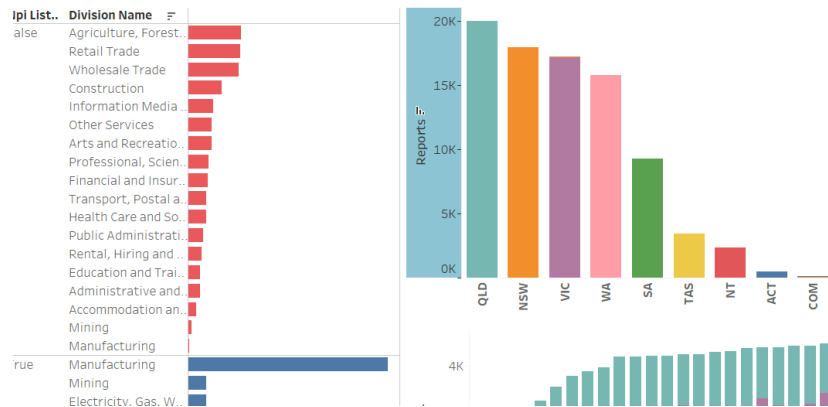
Annual waste transfers of NPI substances are reported by facilities

Listing of transfer destination categories

# The objectives of the NPI

- ✓ To help industry and government with environmental planning and management
- ✓ Provide the community with up-to-date information about substance emissions and transfers from industrial facilities
- ✓ Promote waste minimization, cleaner production, energy, and resource efficiency.
- ✓ Maintain and improve the water, land, and air quality
- ✓ Improve the sustainable use of resources

# Key Insights Found



## Recommendations

- The state government can make strict norms to use those materials generating harmful chemicals.
- Every state should promote recycling.

### **What's our responsibility:**

- We should Practice an environmentally friendly and ecologically responsible lifestyle.
- Use of public transport to save fuel.
- Grow more trees which help to clean the air and reduce pollution

## Limitations

The unavailability of water and land data limits the scope for further analysis.

## Scope

By analyzing land and water, we can see the percentage of substance emissions in land and water and comparative studies.

Thank You!