



# India Data Insights

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# SDG 12 – Responsible Consumption and Production

Datashots

# About SDG 12

## **SDG GOAL - Ensure sustainable consumption and production patterns**

This SDG emphasises on “doing more with less” thus promoting resource efficiency, green economies and sustainable infrastructure. India looks at achieving this through

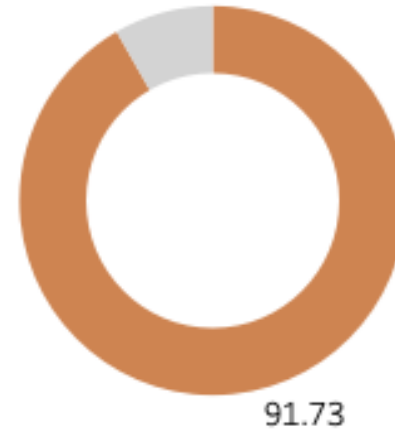
- Reducing degradation and pollution and minimising waste.
- Efficient management of our shared natural resources and the way we dispose toxic waste and pollutants.
- Awareness generation and dissemination on sustainable development, lifestyles and practices.



Country Rank

31 / 165

Score



UN Dashboard Status

Challenges remain



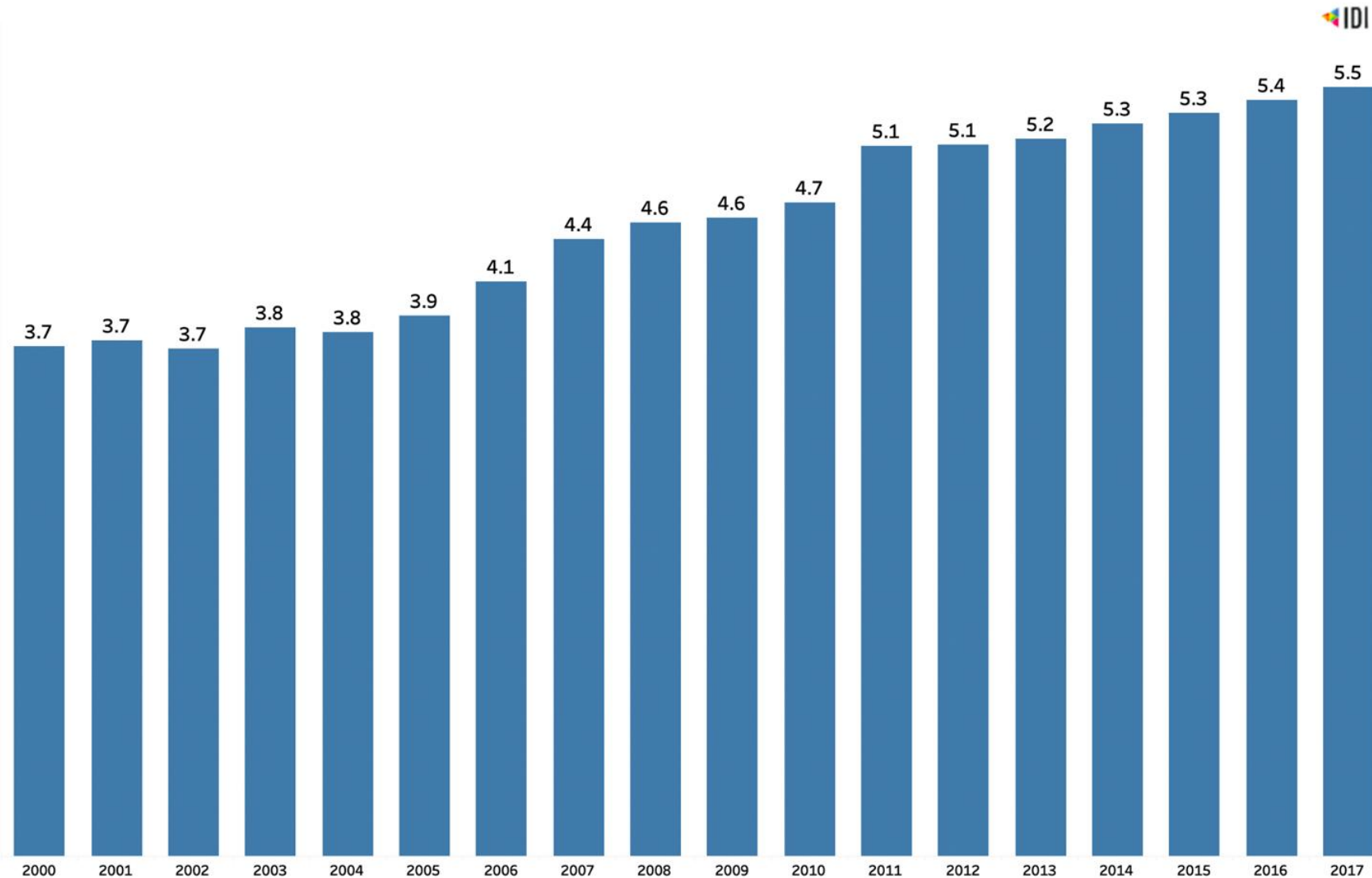
Trend

Information unavailable



Notes: As per UN Sustainable Development Report 2021

# Domestic material consumption per capita (tonnes) - India



The per capita consumption of domestic material has increased by 49% from 2000 to 2017.

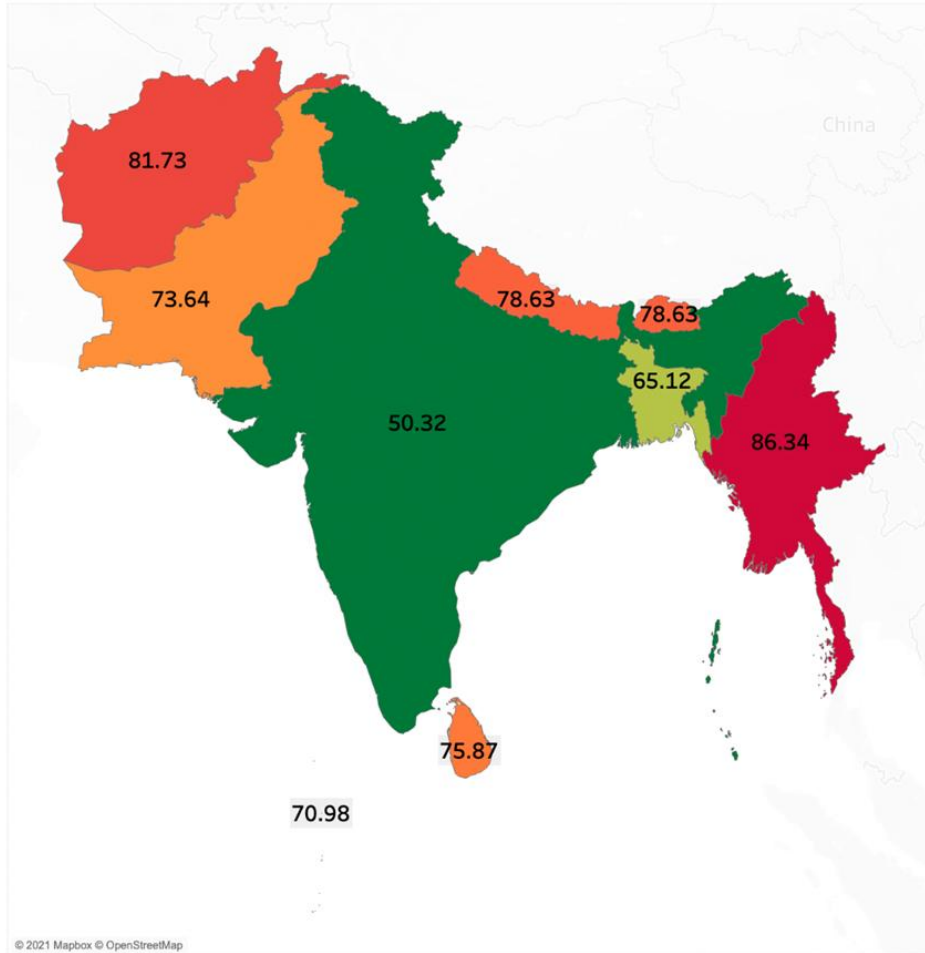
**Source:** United Nations Statistics Division | Organisation for Economic Co-operation and Development

**Notes:** Domestic material consumption (DMC) refers to the amount of materials (in terms of weight) used in an economy, i.e. materials extracted or harvested in the country. The data refer to metals, non-metallic minerals, biomass and fossil energy carriers. The indicator provides a basis for policies to decouple the growth of the economy from the use of natural resources so as to achieve a reduction of environment degradation resulting from primary production, material processing, manufacturing and waste disposal.

# Food waste per capita (KG) in households - 2019



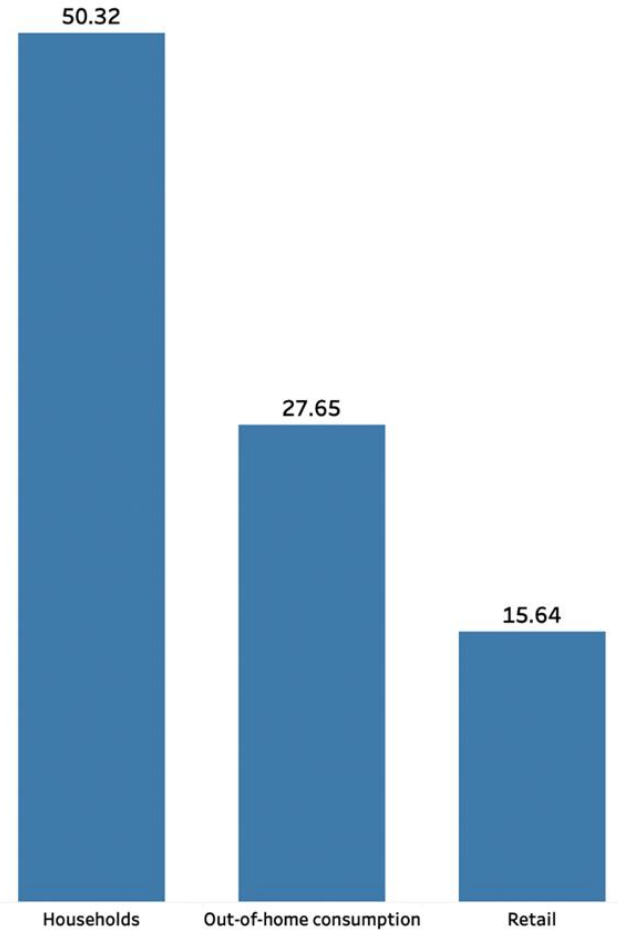
Household waste - India & neighbouring countries



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India



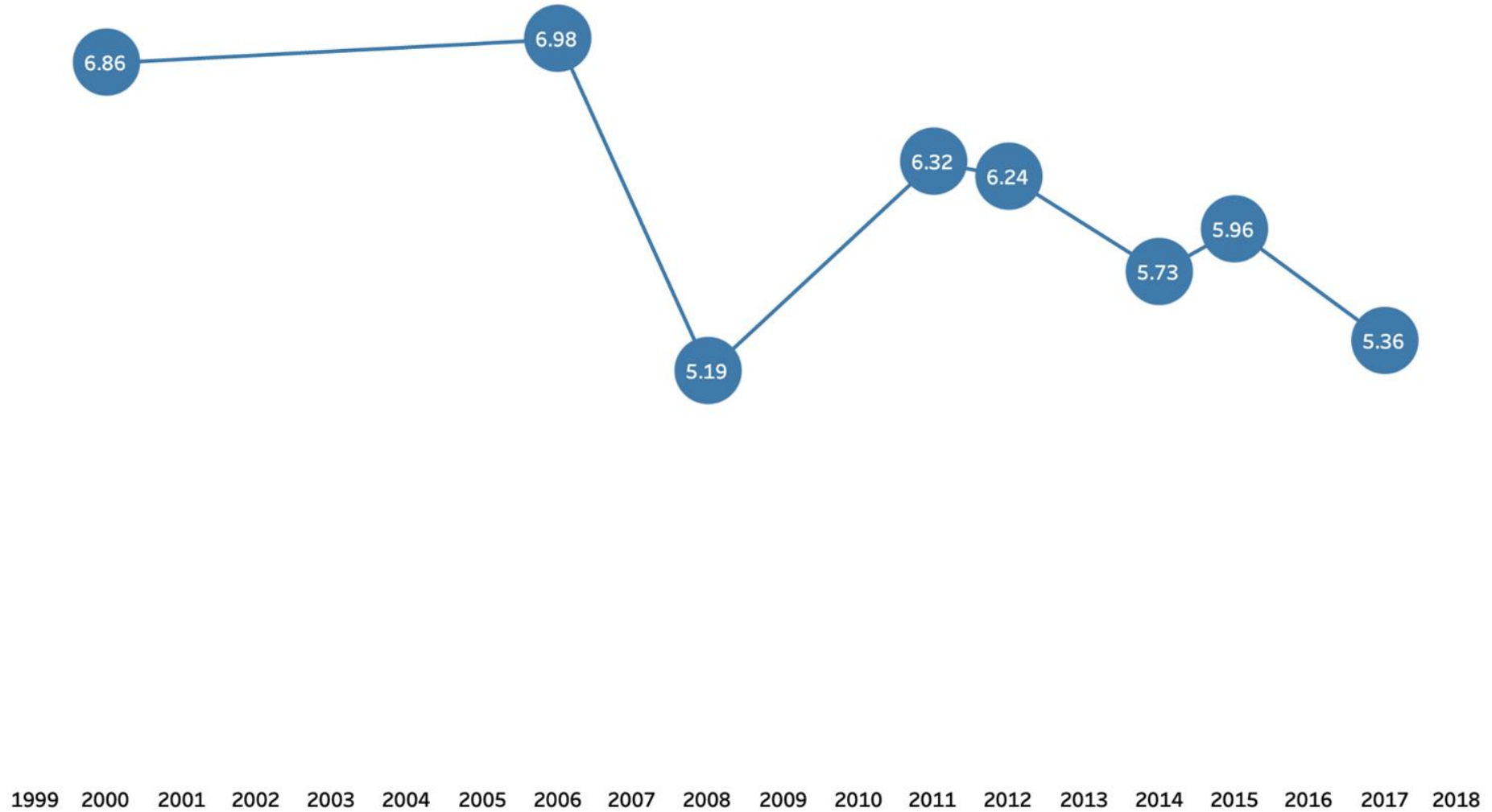
By 2030, the world aims to halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses.

Approx. 50 kg of food is wasted per person per year in Indian households, which is below the world average of 73 kg. Households contribute to more than half the food waste in India, equal to retail and out of home consumption combined.

**Source:** UN Environment Programme

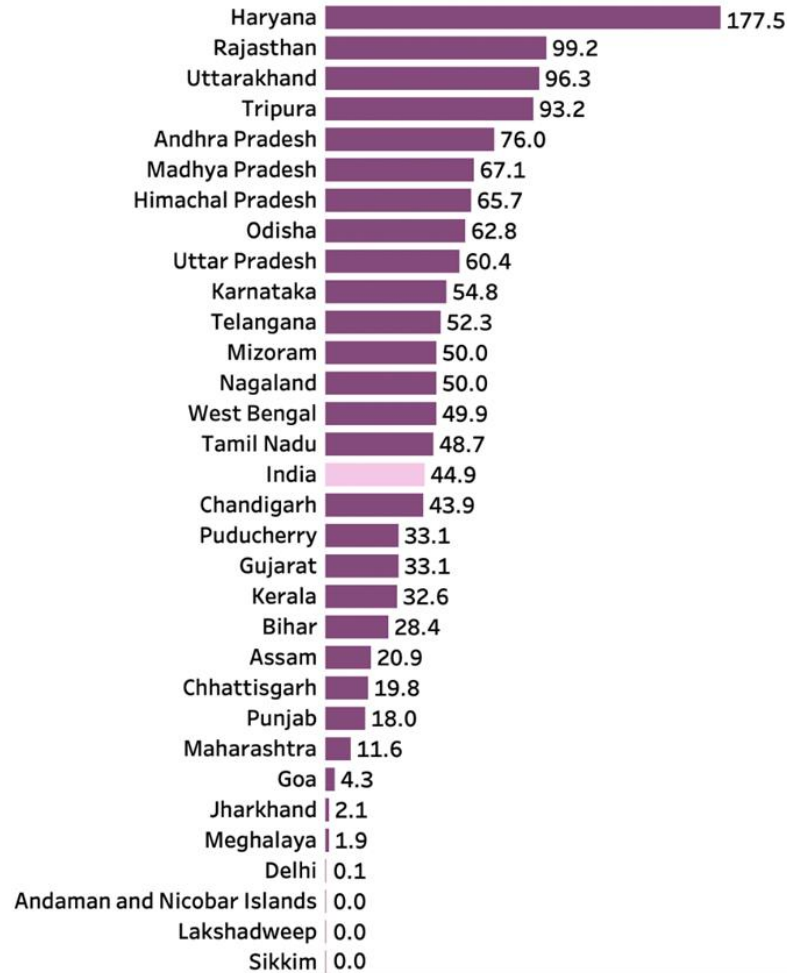
**Notes:** Food waste has substantial negative impacts environmentally, socially and economically. Estimates suggest that 8-10% of global greenhouse gas emissions are associated with food that is not consumed. Reducing food waste at retail, out of home consumption (food service) and household level can provide multi-faceted benefits for both people and the planet.

# Hazardous waste generated per capita (KG)

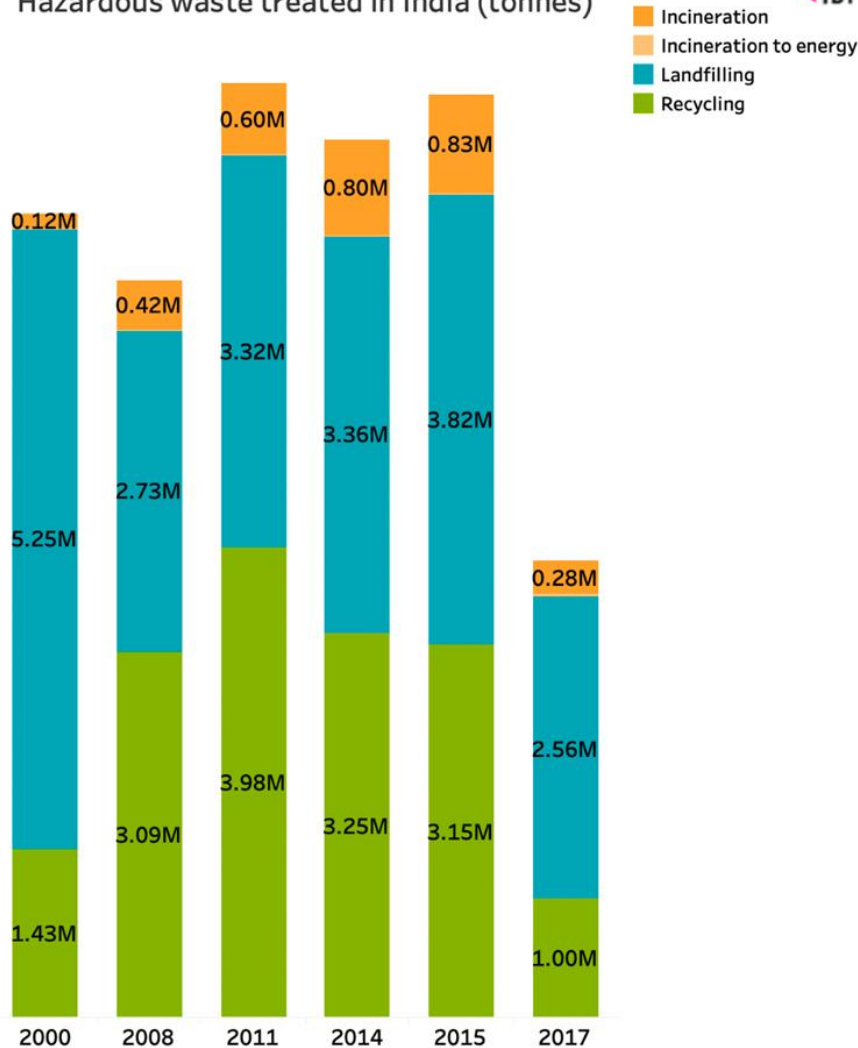


# Hazardous Waste - Treatment

% of hazardous waste recycled - 2020



Hazardous waste treated in India (tonnes)



Only 45% of hazardous waste is treated in India. Out of this, 93% of the hazardous waste is treated through landfilling and recycling.

**Source:**

Ministry of Environment Forest and Climate Change | UN Environment Programme

**Notes:**

“M” on the graph refers to millions  
Hazardous waste is waste with properties that make it hazardous or capable of having a harmful effect on human health or the environment.

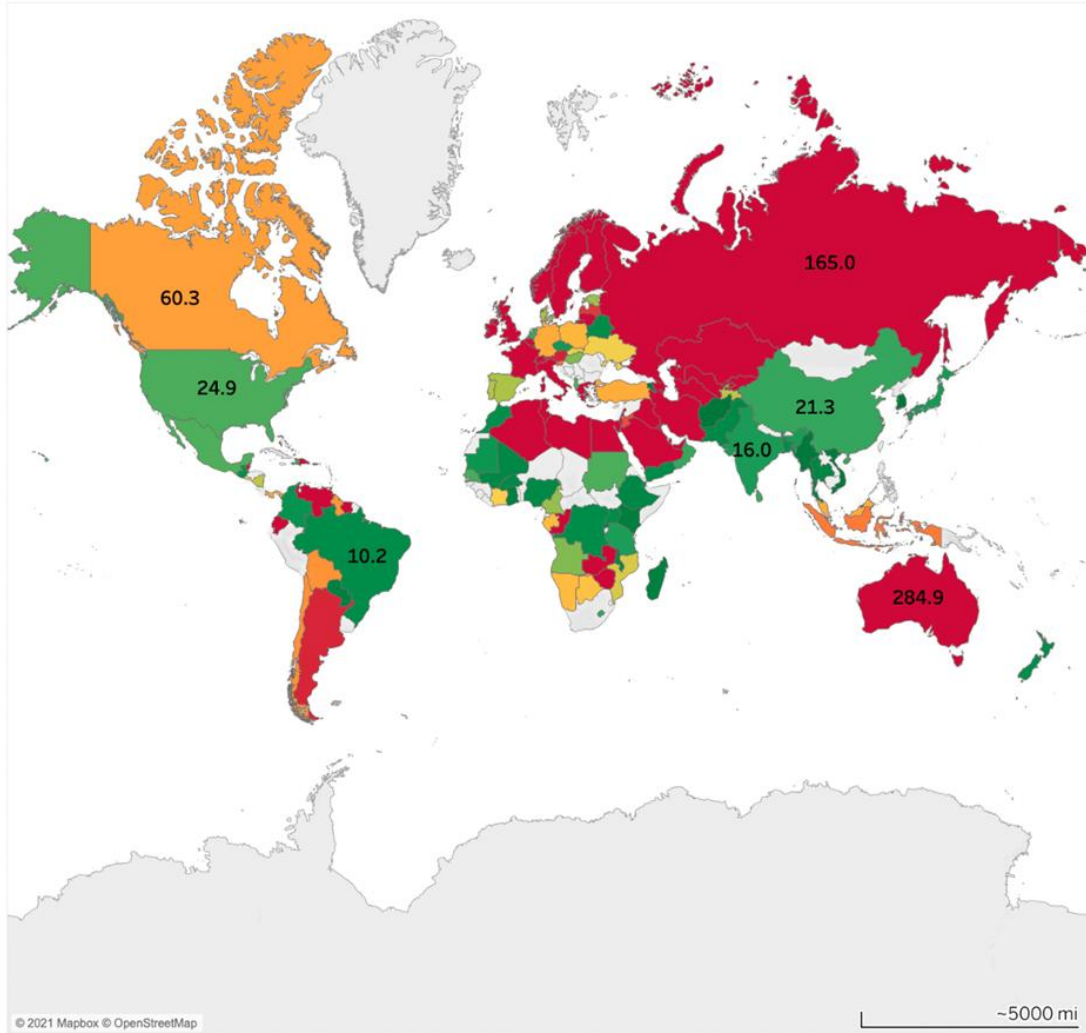
**Incineration** is a waste treatment process that involves the combustion of substances contained in waste materials.

**Landfill** is a disposal site where solid waste, such as paper, glass, and metal, is buried between layers of dirt and other materials in such a way as to reduce contamination of the surrounding land.

**Recycling** is the process of converting waste materials into new materials and objects.

# Fossil fuel subsidies per capita in USD

World - 2019

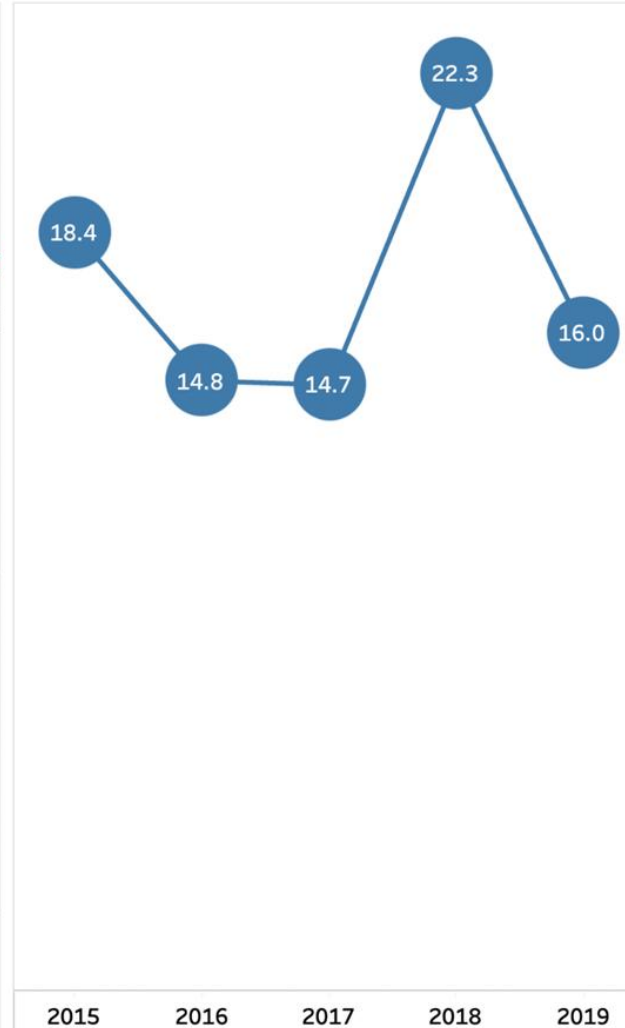


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~5000 mi

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India



The world average for fossil fuel subsidies is 55.6 dollars per capita. India is well below the average, at 16 dollars. Fossil fuel subsidies have reduced by 13% in India from 2015 to 2019.

**Source:**

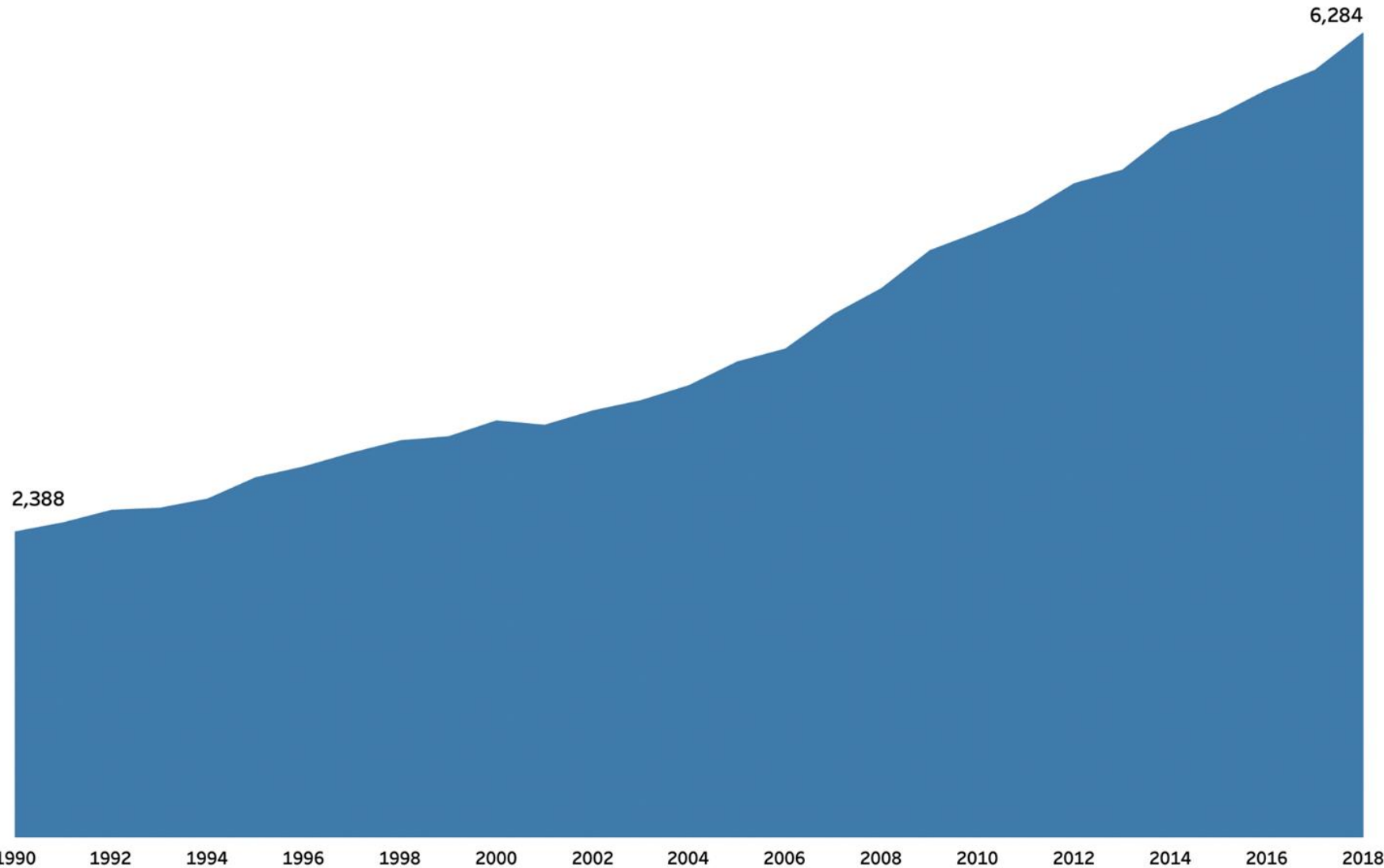
UN Environment Programme

**Notes:** By 2023, the aim is to rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national circumstance

# Fossil fuels & Renewable Energy



Per Capita Fossil Fuel Consumption (kWh)



Per capita fossil fuel consumption has more than doubled from 1990 to 2018. However, the per capita consumption for India is far below the world average of 17,730 kWh.

**Source:**

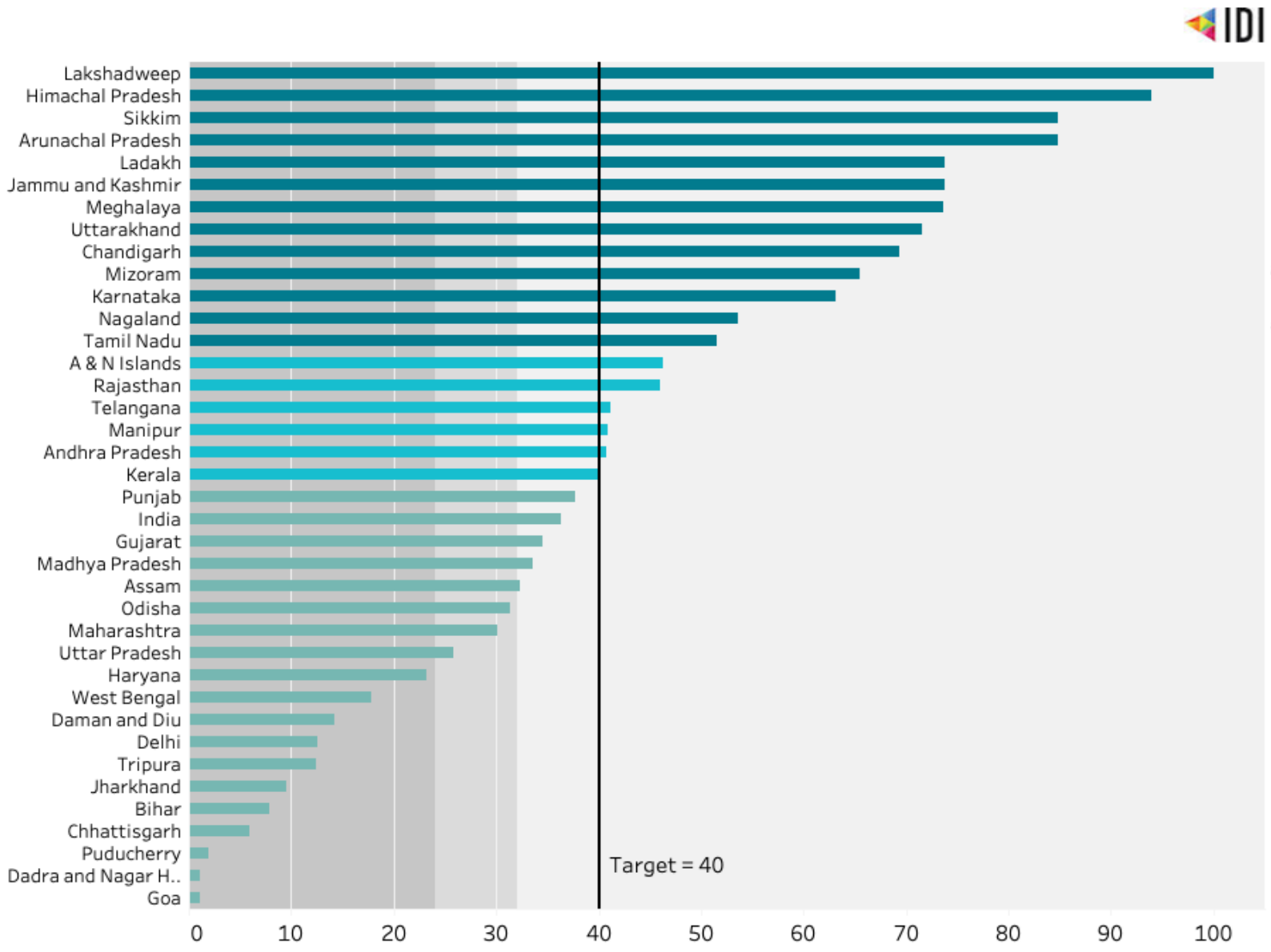
World Energy Statistics and Balances | BP Statistical Review of World Energy

**Notes:**

kWh: Kilowatt Hours (measures energy)

Fossil fuel consumption per capita is measured as the average consumption of energy from coal, oil and gas per person.

# % of renewable energy out of total installed generating capacity



Currently 21% of India's total energy supply comes from renewable sources out of which wind and solar energy are harnessed the most.

18 states and UTs are yet to utilize renewable energy to their full installed generating capacity.

**Source:**  
Central Electricity Authority of India

**Notes:**  
**Renewable energy** is energy that is collected from renewable resources that are naturally replenished on a human timescale. It includes sources such as sunlight, wind, rain, tides, waves, and geothermal heat.



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