



GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Compiled By

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**12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION**



To ensure sustainable consumption
and production patterns



GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

A. General Statistics

- i. Pakistan ranks 78th out of 113 countries with global food security index overall score at 56.8% while in Asia Pacific ranking Pakistan ranks 18th.¹
- ii. In 2019, the 74th United Nations General Assembly designated 29 September as the International Day of Awareness of Food Loss and waste.²
- iii. Globally, around 14% of food produced is lost between harvest and retail. Significant quantities are also wasted in retail and at the consumption level.³
- iv. In the case of fruits and vegetables, more than 20% is lost.⁴
- v. Pakistan generates about 48.5 million tons of solid waste a year, which has been increasing more than 2% annually.⁵
- vi. The Government of Pakistan (GOP) estimates that 87,000 tons of solid waste is generated per day, mostly from major metropolitan areas.⁶
- vii. Karachi, Pakistan's largest city generates more than 13,500 tons of municipal waste daily.⁷
- viii. The Pakistan Environment Protection Act was enacted on 6th December 1997 to provide for the protection, conservation, rehabilitation and improvement of environment, for the prevention and control of pollution, and promotion of sustainable development.⁸
- ix. Pakistan is one of the 36 major countries that are water stressed.⁹
- x. Currently, Pakistan is categorized as a water-scarce country because the yearly water availability is less than 1,000 cubic meters per person. The country crossed this level in 2005. If it reaches 500 cubic meters, it will become a country that is absolute scarce of water by 2025.¹⁰

¹ *Regional Report Asia Pacific: Global Food Security Index*, 2019.

² United Nations, "Food Loss And Waste Reduction| United Nations", *United Nations*, 2021, <https://www.un.org/en/observances/end-food-waste-day#:~:text=Globally%2C%20around%2014%20percent%20of,more%20than%2020%25%20is%20lost>.

³ UN, "Food loss and waste reduction," 2021.

⁴ UN, "Food loss and waste reduction," 2021.

⁵ International Trade Administration, "Pakistan - Waste Management," October 13, 2019, <https://www.trade.gov/knowledge-product/pakistan-waste-management>.

⁶ ITA, "Pakistan - Waste Management"

⁷ ITA, "Pakistan - Waste Management"

⁸ Government of Pakistan, "Brief on Environment Policy and Legal Framework," <http://www.environment.gov.pk/images/environmentalissues/EnvironmentPolicyLegalFramework.pdf>.

⁹ "The water crisis in Pakistan," World water and Solar Technologies, 2021, <https://www.worldwatersolar.com/the-water-crisis-in-pakistan/#:~:text=Currently%2C%20Pakistan%20is%20categorized%20as,scarce%20of%20water%20by%202025>.

¹⁰ "The Water Crisis In Pakistan," World water & Solar Technologies.

- xi. In the slums of Karachi, 16 million do not have access to running water.¹¹
- xii. Per capita energy consumption in Pakistan is 17.31 BTU per person and Pakistan ranks 142nd.¹²
- xiii. Pakistan faces 25% energy losses in all sectors.¹³
- xiv. Pakistan produces 68.3% electricity from fossil fuels.¹⁴

B. Progress Tracking

Table 12 Status of Indicators-SDG 12

Code	Indicator	Year	Value	Year	Latest National Value	Unit	Target
12.1.1	Number of countries with sustainable consumption and production (SCP) national and sub-national action plans or SCP mainstreamed as a priority or a target into national and provincial		Pakistan has a National Action Plan on Sustainable Consumption and Production ¹⁵		Pakistan has a National Action Plan on Sustainable Consumption and Production ¹⁶		Create sub-national action plans on SCP and upgrade national action plan, as required. The aim will be to substantially reduce consumption and production loss.

¹¹ "The Water Crisis In Pakistan," World water & Solar Technologies.

¹² "International - U.S. Energy Information Administration (EIA)", *Eia.Gov*, 2020, <https://www.eia.gov/international/overview/country/PAK>.

¹³ Lead Pakistan "Sustainable Development Goals Briefing Paper, 2021" available at: http://www.lead.org.pk/lead/attachments/SDGFlyer_english.pdf

¹⁴ Lead Pakistan "Sustainable Development Goals Briefing Paper, 2021"

¹⁵ MoPDR, *Sustainable Development Goals National Framework 2018*.

¹⁶ MoPDR, *Sustainable Development Goals National Framework 2018*.

	policies.						
12.2.1	Material footprint, material footprint per capita, and material footprint per GDP	2014	3.1 ¹⁷	2017	3.2 ¹⁸	Tons/capita	
12.2.2	Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP	2014	4.172 ¹⁹ 4.02 kg/\$ ²⁰	2017	4.213 ²¹ 3.70 kg/\$ ²²	Tons/capita Per unit of GDP	
12.5.1	National recycling rate, tons of material recycled						
12.6.1	Number of companies				Not even a single report ²³		

¹⁷ "Pakistan: Material Footprint Per Capita 2017|Statista", *Statista*, 2021, <https://www.statista.com/statistics/687397/pakistan-material-footprint-per-capita/>.

¹⁸ "Pakistan: Material Footprint Per Capita 2017 | Statista", *Statista*, 2021

¹⁹ "Pakistan: Material Footprint Per Capita 2017 | Statista", *Statista*, 2021

²⁰ "Goal 12: Responsible Consumption And Production - SDG Tracker", *Our World In Data*, accessed 26 February 2021, <https://sdg-tracker.org/sustainable-consumption-production>.

²¹ "Pakistan: Material Footprint Per Capita 2017 | Statista", *Statista*, 2021

²² "Goal 12: Responsible Consumption And Production - SDG Tracker",

²³ Zeeshan Mehmood, Rehana Kouser and Ibn e Hasan, "Why Pakistani Small And Medium Enterprises Are Not Reporting On Sustainability Practices?", *Pakistan Journal Of Commerce And Social Sciences* no. 1 (2017), <http://www.jespk.net/publications/354.pdf>.

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	12.a.1 Installed renewable energy-generating capacity in developing countries (in watts per capita)	2015	5.555 (calculated)				
	12.c.1 Amount of fossil-fuel subsidies per unit of GDP (production and consumption)	2013	3.66 ²⁴	2015	0 ²⁵	%	

²⁴ "Goal 12: Responsible Consumption And Production - SDG Tracker"

²⁵ "Goal 12: Responsible Consumption And Production - SDG Tracker"