

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 670**  
ANSWERED ON 08.02.2024

**Recycling of e-waste**

670. SHRI RAJEEV SHUKLA:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) the details of progress made with respect to recycling of e-waste generated in the country;
- (b) the State/UT-wise details thereof;
- (c) the benefits realised as a result of the same;
- (d) the challenges faced in this respect; and
- (e) the proposed measures to be taken in this regard?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI ASHWINI KUMAR CHOUBEY)

(a) & (b) The recycling of E-Waste has gradually increased in the country and the same is reflected in the table below:

<b>Financial Year</b>	<b>Quantity of E-Waste processed in tonnes</b>
2016-17	23330.3
2017-18	69,413.69
2018-19	1,64,663.0
2019-20	2,24,041.0
2020-21	3,54,540.70
2021-22	5,27,131.57

The above table reveals that the e waste recycling is increased 22.59 times during 2016-17 to 2021-22. The details of E-Waste collected and processed by the States/ UTs during Financial Year (FY) 2020-21 and FY 2021-22 are given at **Annexure 1**.

(c) to (e) The quantity of E-Waste recycled through Registered Recyclers has increased over the years. The E-Waste recycling units adopt scientific and environmentally sound techniques for recycling of the E-Waste. The E-Waste recycling in scientific and environmentally sound manner as done by the registered recycling units helps to protect the environment and conserve natural resources. Proper recycling of E-Waste, reduces the amount of waste in landfills, number of harmful chemicals released into the environment and prevent soil and water contamination and promote sustainable development and circular economy. The recycling of E-Waste through registered recycling units helps in preventing

leakage of E-Waste into informal units which adopts crude and unhealthy techniques causing harmful effects on environment and human health.

Further, Ministry has comprehensively revised the E-Waste (Management) Rules, 2016 and notified the E-Waste (Management) Rules, 2022 in November, 2022 and the same is in force since 1<sup>st</sup> April, 2023. These new rules intend to manage e-waste in an environmentally sound manner and put in place an improved Extended Producer Responsibility (EPR) regime for e-waste recycling wherein all the manufacturer, producer, refurbisher and recycler are required to register on portal developed by the CPCB. The new provisions would facilitate and channelize the informal sector to formal sector for doing business and ensure recycling of E-waste in environmentally sound manner. Provisions for environmental compensation and verification & audit have also been introduced. These rules also promote Circular Economy through EPR regime and scientific recycling/disposal of the e-waste.

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## Annexure 1

**E-Waste collected and processed during Financial Year (FY) 2020-21 and  
FY 2021-22**

<b>S. No.</b>	<b>State/UTs</b>	<b>FY 2020-21 in tonnes</b>	<b>FY 2021-22 in tonnes</b>
1.	Andhra Pradesh	229.084	2021.19
2.	Assam	63.2	67.00
3.	A&N Island	2.034	0.78
4.	Bihar	86	41.07
5.	Chhattisgarh	258.1	4167.90
6.	Chandigarh	30.8732	67.92
7.	Delhi	610.132	2130.79
8.	DNH&DD	586.104	12.34
9.	Gujarat	109463.8032	30569.32
10.	Haryana	---	245015.82
11.	Himachal Pradesh	72.944	373.20
12.	Jammu & Kashmir	150.559	561.61
13.	Jharkhand	95.316	366.71
14.	Karnataka	96,192.45	39150.63
15.	Kerala	1494	1249.61
16.	Madhya Pradesh	419.44	553.59
17.	Maharashtra	14546	18559.30
18.	Mizoram	19.308	14.85
19.	Meghalaya	6.175	---
20.	Nagaland	423	---
21.	Odisha	398.483	477.54
22.	Punjab	384.307	28375.27
23.	Puducherry	---	31.77
24.	Rajasthan	18742.118	27998.77
25.	Sikkim	35.6035	8.47
26.	Tamil Nadu	28305.89	31143.21
27.	Telangana	38346	42297.68
28.	Tripura	12.7812	13.67
29.	Uttarakhand	43150.08	51541.12
30.	West Bengal	416.891	320.44
	<b>Total</b>	<b>3,54,540.70</b>	<b>5,27,131.57</b>