

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

RAJYA SABHA
UNSTARRED QUESTION NO. 925
TO BE ANSWERED ON 27.07.2023

Generation of plastic waste

925. SHRI NEERAJ SHEKHAR:

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

- (a) whether Government is aware of pollution due to use of plastic;
- (b) if so, the details thereof;
- (c) whether Government has any data regarding generation of plastic waste in the country during the last five years;
- (d) if so, the details thereof, State-wise and year-wise; and
- (e) the details of percentage of generated plastic waste which is recycled in the country?

ANSWER

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

(a) & (b): Unmanaged and littered plastic waste including plastic packaging waste has adverse impacts on terrestrial and aquatic ecosystems. The Plastic Waste Management Rules, 2016, provides the statutory framework for plastic waste management in an environmentally sound manner throughout the country. Considering the adverse effect of littered single use plastic items on terrestrial, aquatic and marine ecosystems, the Ministry notified the Plastic Waste Management Amendment Rules, 2021, on 12th August 2021, prohibiting identified single use plastic items, which have low utility and high littering potential, from 1st July 2022. The Ministry of Environment, Forest and Climate Change has also notified the Guidelines on the Extended Producer Responsibility for plastic packaging vide Plastic Waste Management Amendment Rules, 2022, on 16th February, 2022.

(c) & (d): As per Annual report of Central Pollution Control Board (CPCB) on the implementation of Plastic Waste Management Rules, 2016, the plastic waste generated in the country during the last five years are given below:

S. No.	Year	Plastic Waste Generated (Tonnes Per Annum-TPA)
1	2016-17	1,568,714
2	2017-18	660,787
3	2018-19	3,360,043
4	2019-20	3,469,780
5	2020-21	4,126,997

The plastic waste generated state-wise and year-wise as per Central Pollution Control Board Annual reports have been provided in Annexure I.

(e) The total Extended Producer Responsibility (EPR) of registered producers, importers and brand owners for plastic packaging is around 3 million tonnes for the year 2022 – 23, under EPR Guidelines. The EPR certificates generated by registered plastic waste processors after processing of plastic packaging waste including recycling is 2.5 million tonnes.

Annexure I**Year wise data for Plastic Waste Generation as per CPCB Annual Reports***

(* consolidated based upon information provided by State Pollution Control Board / Pollution Control Committee)

S. No.	States/UTs					
		2016-17	2017-18	2018-19	2019-20	2020-21
1.	Andhra Pradesh	82863	NA	66314	46222	39626.45
2.	Arunachal Pradesh	NA	6	3787.37	2721	3755.9
3.	Assam	24030	NA	32277.87	24971	58765
4.	Bihar	2280	2280	68903.328	41365	74263.69
5.	Chhattisgarh	7300	NA	6000	32850	47450
6.	Goa	NA	NA	32580.52	26068	29441
7.	Gujarat	269294.88	269808	356873	408201	337693.96
8.	Haryana	23369.09	NA	68735.26	147734	185168
9.	Himachal Pradesh	255	NA	3672	13683	6206.78
10.	Jammu & Kashmir	NA	27870	34367.37	74826.33	51710.6
11.	Jharkhand	NA	NA	51454.53	43332	20263.45
12.	Karnataka	419600	NA	272776	296380	368080
13.	Kerala	NA	NA	133316	131400	120063.87
14.	Madhya Pradesh	50457.07	61037	72327.39	121079	138483.58
15.	Maharashtra	21420.33	NA	409630	443724	311254
16.	Manipur	NA	24	12453.8	8293	10303
17.	Meghalaya	13.265	15.096	1263	5043	
18.	Mizoram	NA	NA	13.306	7909	1514.51
19.	Nagaland	NA	14052.5	268.18	565	4785.94
20.	Odisha	6890.805	12092.205	90138.98	45339.4	51269.9
21.	Punjab	163423.4	54066.1	119414.64	92890	108332.06
22.	Rajasthan	NA	NA	104704.383	51966	66324.57
23.	Sikkim	102.7	NA	5.66	69	82.75
24.	Tamil Nadu	79114.792	NA	401091	431472	430107
25.	Telangana	NA	NA	183014.65	233655	472675
26.	Tripura	30	28.5	26.2	32	61.65
27.	Uttar Pradesh	152492.6445	206733.4505	254401.8	161148	375950
28.	Uttarakhand	NA	NA	31093	25203	18647.75
29.	West Bengal	NA	NA	300236.12	300236	417925
30.	Andaman and Nicobar	365	NA	1850	387	492.342

	Islands					
31.	Dadra and Nagar Haveli and Daman and Diu	NA	NA	1947.7	1948	4726
32.	Chandigarh	21516.75	12775	11715.4	6746	13107.15
33.	Lakshadweep	NA	NA	148	46	523.54
34.	Delhi NCR	232732	NA	224810	230525	345000
35.	Puducherry	9252.25	NA	8433	11753	12754
