

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 3089**  
TO BE ANSWERED ON 27.03.2025

**Pollution due to plastic waste**

3089. 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 three 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 KIRTI VARDHAN SINGH)

(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 the information provided by State Pollution Control Boards (SPCBs) / Pollution Control Committees (PCCs) to CPCB, the quantity of plastic waste generation during 2018-19 to 2022-23 are as follow:

Financial Year	Plastic waste Generation (TPA)
2018-19	3360043.45
2019-20	3469781.73
2020-21	4126808.44
2021-22	3901802.06
2022-23	4136188.83

State wise and year wise plastic waste generation is given at Annexure-I

(e) As per the Centralized EPR portal for plastic packaging, the total EPR obligation of registered producers, importers and brand owners for plastic packaging is around 4.12 million tonnes for the year 2022 – 23. Since 2022, the EPR certificates generated by registered plastic waste processors after processing of plastic packaging waste including recycling is 11.5 million tonnes.

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## Annexure I

**State-wise Plastic Waste Generation in last five years  
(Values in Tonnes per annum)**

Sr. No.	State Name	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
1	Andhra Pradesh	66314	46222	39626.45	36620.101	64339.41
2	Andaman & Nicobar Island	1850	387	492.342	688.025	744
3	Arunachal Pradesh	3787.37	2721	3755.9	1693.65	1113.2
4	Assam	32277.87	24971	58765	38388.5	30450
5	Bihar	68903.328	41365	74263.689	53232.339	63361.56
6	Chandigarh	11715.4	6746	13107.15	13107.15	12761.66
7	Chhattisgarh	6000	32850	47450	51100	21170
8	Daman	1947.7	1948	4726	3954.82	14227.33
9	Delhi	224810	230525	345000	377596	403347.216
10	Goa	32580.52	26068	29441	29440.9	29440.9
11	Gujarat	356873	408201	337693.96	313918.57	271574.6
12	Haryana	68735.26	147734	185168	179406.47	129866.74
13	Himachal Pradesh	3672	13683	6206.782	9654.45	14093.574
14	Jammu& Kashmir	34367.37	74826.33	51710.6	34384	30342
15	Jharkhand	51454.53	43332	20263.447	53432.966	71433.993
16	Kerala	133316	131400	120063.87	71000	71000
17	Karnataka	272776	296380	368080	528031	360780.6
18	Ladakh	NA	Not Submitted	Not Submitted	1915.05	860.5
19	Lakshadweep	148	46	523.54	279.09	1358
20	Madhya Pradesh	72327.39	121079	138483.58	132955.4	182613.5
21	Maharashtra	409630	443724	311254	292987	395759
22	Manipur	12453.8	8293	10303	12500	12702
23	Meghalaya	1263	5043	191 not Complete for all ULBs	Information incomplete	2223.6
24	Mizoram	13.306	7909	1514.51	2634.794	4835.21
25	Nagaland	268.18	565	4785.94	92.84	342.89
26	Odisha	90138.98	45339.4	51269.9	40696.43	53795.336
27	Punjab	119414.64	92890	108332.06	94958.95	128744.64
28	Pondicherry	8433	11753	12754	12775	31087
29	Rajasthan	104704.383	51966	66324.57	72044.771	83242.74
30	Sikkim	5.66	69	82.75	104.74	84.64
31	Tamil Nadu	401091	431472	430107	397387.684	782560
32	Telangana	183014.65	233655	472675	494940	528520
33	Tripura	26.2	32	61.65	169.63	347.291
34	Uttarakhand	31093	25203	18647.75	44924.71	42276.7
35	Uttar Pradesh	254401.8	161148	375950	375950	Not Submitted
36	West Bengal	300236.12	300236	417925	128837.03	294789
<b>Total</b>		<b>3360043.45</b>	<b>3469781.73</b>	<b>4126808.44</b>	<b>3901802.06</b>	<b>4136188.83</b>

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