

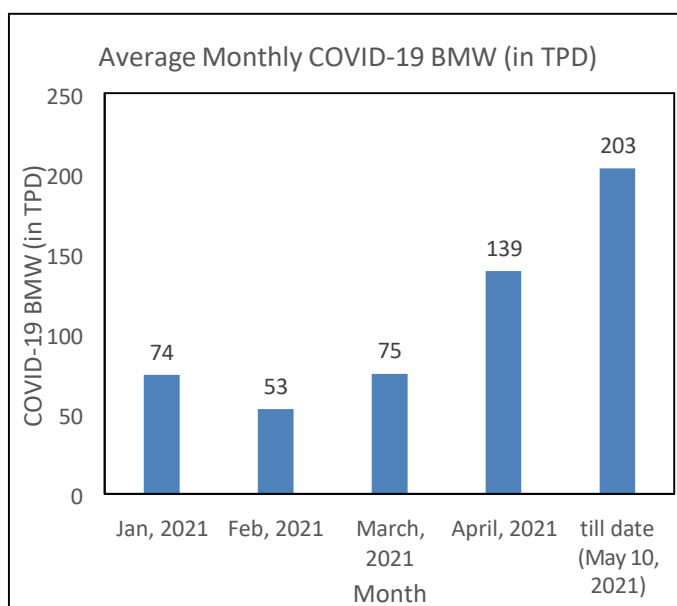
Central Pollution Control Board, Delhi
Generation of COVID19 related Biomedical Waste in States/UTs

Background

- The biomedical waste generated during treatment and diagnosis of COVID-19 patients is required to be treated and disposed off in scientific manner and in line with provisions under Biomedical Waste Management Rules, 2016. CPCB has prepared guidelines for “Handling, treatment and disposal of waste generated during treatment, diagnosis and quarantine of COVID-19 Patient” to facilitates waste generators and common disposal facilities for safe collection, transport and disposal of COVID waste. As reported by State Boards, about 198 no. of CBWTFs involved in treatment & disposal of biomedical waste.
- CPCB has developed a waste tracking application namely ‘COVID19BWM’ in May, 2020 for tracking and accounting of COVID-19 biomedical waste. Every COVID-19 biomedical waste generator, common facility operator and SPCBs are required to report data on daily basis on said app.

Present Status

- As per the information submitted by State Pollution Control Boards/Pollution Control Committees as well as daily data received from COVID19BWM tracking App., currently average quantity of COVID-19 related biomedical Waste generation during May, 2021 is about 203 TPD (till 10.05.2021).
- Peak generation of about 250 TPD was reported on 10/05/2021. The earlier peak generation in the year 2020 was in the range of 180 – 220 TPD. Despite more number of patients, there is no proportional growth in quantity of COVID-19 biomedical waste generated, mainly due to proper segregation of waste. Common facilities have reported that unlike last year, hospitals and isolation wards are not mixing food waste with COVID19 waste.
- There is gradual increase in quantity of COVID BMW generation since February, 2021. Trend of average monthly generation of COVID-19 biomedical waste is shown in chart below:



- In the month of May, 2021, 186 out of 198 CBWTFs reported the COVID-19 biomedical waste generation on the Tracking App and Around 5,048 generators of COVID19 waste have registered on the said App.

- Chairman, CPCB held a virtual meeting with Chairmen and Member Secretaries of SPCBs/PCC on 03/05/2021 to review the status of COVID waste management, wherein State specific issues and gaps in updating of status was discussed. In the review meeting, SPCBs/PCCs have reported that, the existing arrangement in States is adequate to dispose COVID19 waste safely

State-wise details of COVID-19 biomedical waste generation during May, 2021 (i.e. till 10/05/2021) is given at **Annexure I**.

Annexure – I

State-wise details of COVID-19 biomedical waste generation in May, 2021 (till 10/05/2021)

S.No.	Name of States/UTs	COVID 19 BMW (Tons/day)	No. of CBWTFs engaged
1	Andaman & Nicobar*	0.014	0
2	Andhra Pradesh	9.99	11
3	Arunachal Pradesh*	0.112	0
4	Assam	0.52	1
5	Bihar	1.06	4
6	Chandigarh	1.91	1
7	Chhattisgarh	2.76	4
8	DD & DNH	0.065	1
9	Delhi	18.79	2
10	Goa*	0.45	0
11	Gujarat	21.98	20
12	Haryana	13.11	11
13	Himachal Pradesh	2.27	2
14	Jammu and Kashmir	2.49	2
15	Jharkhand	0.56	4
16	Karnataka	16.91	26
17	Kerala	23.71	1
18	Lakshadweep	0.01	0
19	Madhya Pradesh	7.32	13
20	Maharashtra	19.02	29
21	Manipur	0.13	1
22	Meghalaya	0.25	2
23	Mizoram*	0.033	0

S.No.	Name of States/UTs	COVID 19 BMW (Tons/day)	No. of CBWTFs engaged
24	Nagaland*	0.074	0
25	Odisha	6.65	5
26	Puducherry	1.81	1
27	Punjab	4.00	5
28	Rajasthan	4.98	8
29	Sikkim	0.015	0
30	Tamil Nadu	13.57	8
31	Telangana	4.96	11
32	Tripura	0.02	1
33	Uttarakhand	1.98	2
34	Uttar Pradesh	15.91	18
35	West Bengal	5.72	6
	Total	203 TPD	198

*As per earlier information provided by States/UTs