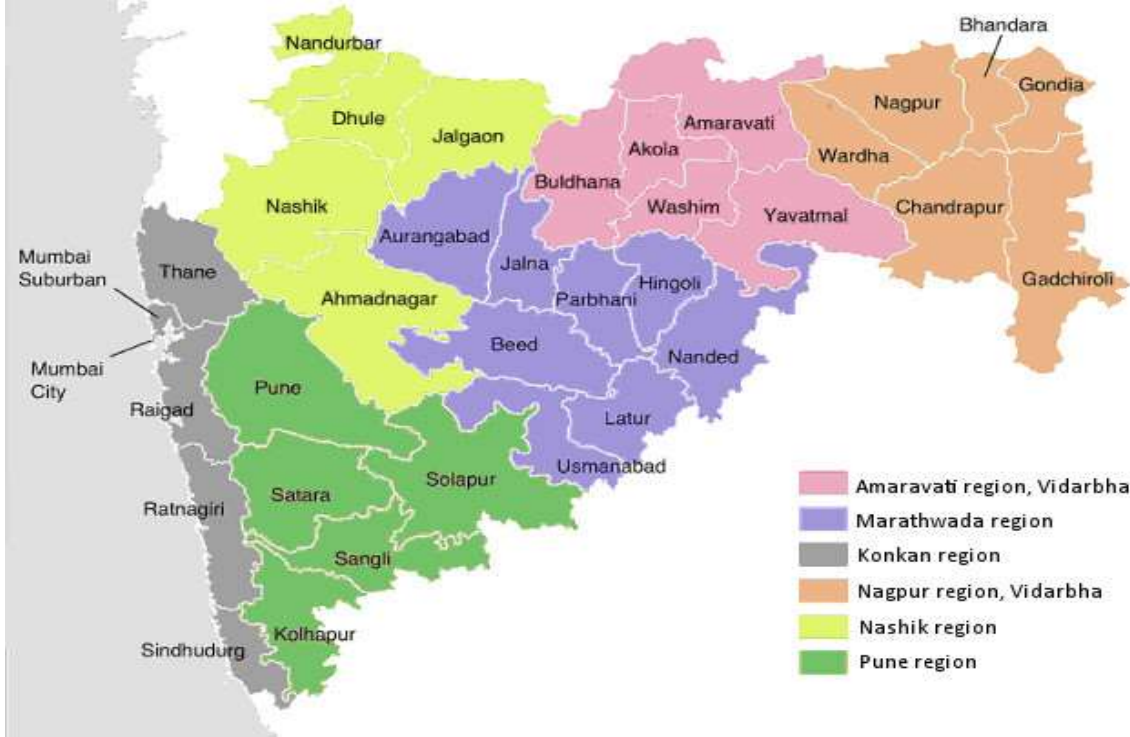


Annual Report on Solid Waste Management Rules, 2016. FOR THE STATE OF MAHARASHTRA



(2020)



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

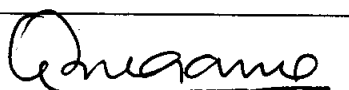
Kalpataru Point, Sion Circle, Sion (East),
Mumbai 400 022

MAHARASHTRA POLLUTION CONTROL BOARD

ANNUAL REPORT - 2020

Form- V
PART A

To,
The Chairman
Central Pollution Control Board
Parivesh Bhawan, East Arjun Nagar
Delhi- 110 0032

1.	Name of the State/Union territory	MAHARASHTRA		
2.	Name & address of the State Pollution Control	Maharashtra Pollution Control Board, Sion, Mumbai.400022		
3.	Number of local bodies responsible for management of solid waste in the State/Union territory under these rules	1	Corporations	27
		2	Councils	238
		3	Nagar Panchayat	131
			Total ULBs	396
		4	Cantonment Boards	07
4.	No. of authorization application Received	147		
5.	A Summary Statement on progress made by local body in respect of solid waste management	Annexure-I Attached		
6.	A Summary Statement on progress made by local bodies in respect of waste collection, segregation, transportation and disposal	Annexure-II & IIA Attached		
7.	A Summary statement on progress made by local bodies in respect of implementation of Schedule II	Annexure-III Attached		
	Date: 30/07/2021 Place: Mumbai	 (Ashok Shingare, IAS) Member Secretary Maharashtra State Pollution Control Board		

Annex-I

**A SUMMARY STATEMENT ON PROGRESS MADE BY LOCAL BODY
IN RESPECT OF SOLID WASTE MANAGEMENT**

Maharashtra is one of the highest urbanized states with nearly 50% population residing in urban areas.

Classification of Cities:

No.	Name	Statistic
1	Municipal Corporations	27 Cities
2	Municipal Councils	238 Cities
3	Nagarpanchayat	131 Cities
4	Total Number of ULBs	396
	Total SW Generated By ULBs	22504.7 TPD
5	Total Cantonment Boards	07
6	Total SW Generated By Cantonment Boards	128.01
	Gross Solid Waste Generation (ULBs+ Cantonment Boards)	22632.71 TPD

The solid waste generated by Corporations is 18720.96 MT/Day with share of 82.72 % while generation by “A” class council is 992.88 MT/Day with share of 4.39 %, “B” class council generates 1275.65 MT/Day with share of 5.64 %, “C” class council generates 1034.74 MT/Day with share of 4.57 %, Nagar Panchayats generates 480.47 MT/Day with share of 2.12 % and Cantonment Boards contribution is 128.01 MT/day with a share of 0.57 %.

Solid Waste Management Status Summary:

Total Number of ULBs	Total Waste Generated (MT/D)	Total Waste Collected (MT/D)	Total Waste Scientifically Treated in Facility (MT/D)	Total Waste Disposed in Sanitary/Simple Landfill (MT/D)	Total Waste Unscientific Disposed (MT/D)
396 ULBs+ 7 CB	22632.71	22584.4 (99.78 %)	15056.1 (66.52%)	1355.36 (6.00 %)	6221.25 (27.49 %)

Percentage of solid waste treatment is increased from 70 % to 72.50 % as compared to last year Treatment percentage. Due to covid pandemic situation marginal increase in treatment quantity is observed.

Total 15056.1 MT/Day Solid Waste is treated/processed by ULBs by adopting waste treatment technologies and total 1355.36 MT/Day is disposed off in sanitary/simple landfill. Thus, achieving overall 72.50 % average treatment. The remaining solid waste find its way for unscientific disposal/dumping. Overall average waste segregation is 87.49 % and overall solid waste transportation is 96.86 %.

The state has positively adopted the SWM Rules 2016 in totality and is working towards scientific management of solid waste in ULBs of the state. The state has a robust solid waste management policy in accordance with the Solid Waste Management Rules 2016 and lays stress on 100% segregation, collection transportation & processing of wet waste through composting, bio-methanization etc, Dry waste recycling, reuse and recovery through establishing Material Recovery facilities, Landfilling of inert, Processing of legacy waste through biomining.

ULBs are practicing segregation of waste at source and adequate provisions are made in Solid Waste Management DPRs for achieving 100% segregation of waste at source. ULBs in state are segregating waste into three categories wet, dry and domestic hazardous waste.

Processing of Waste:

Vehicles deployed for collection and transportation of waste have two compartments for dry and wet waste. Segregated waste is further segregated at processing facility and then scientifically processed. Maharashtra is the only state to have registered its own brand “**Harit Maha City Compost**” for promotion of marketing and sale of city compost which is as per the FCO standards and SWM Rules 2016.

Dry waste collected from the city is further segregated into paper, plastic, glass, metal etc. through secondary segregation process at transfer stations or the designated material recovery facility (MRF) in the city or at solid waste treatment facility. After secondary segregation of dry waste into paper, plastic, glass, metal etc. is being recycled through local sellers in the city, to recyclers in the region or to the waste processing plants in nearby metro cities through prescribed processes.

For treatment of dry waste technical options such as preparation of Refused Derived Fuel (RDF), use of plastic in roads, preparation of oil or granules from plastic etc. are also used in some municipal corporations.

ULBs have integrated rag pickers into formal system and involve them for recycling and recovery of waste. Rag pickers are provided with identity cards, basic facilities and personal protective equipment.

In the Mumbai region, Municipal Corporation of Greater Mumbai has mandated all bulk generator of solid waste i.e. having area greater than 5000 sq. Mtr to provide in-situ treatment of solid waste generated in their premises. This practice is resulted in reduction of waste generation.

Bio-mining of legacy waste

Many ULBs in state have accumulated legacy waste at processing facility due to absence of treatment facilities in past. Biomining of legacy waste has been started and 141 sites have been either reclaimed or capped where legacy waste was accumulated.

Maharashtra Pollution Control Board has prepared Region wise abstract showing a summary statement of all local bodies indicating class, populations, Quantum of Solid Waste generations, treatment, adopted technologies for solid waste treatment, source segregation percentage and transportation percentage as per form IV submitted by ULBs.

Region wise total number of ULBs statement is enclosed as **Annex-I**.

A Statement of Municipal Solid Waste generation and treatment in the State is enclosed with graphical representation as **Annex-II**. A Summary Statement on progress made by Cantonment Board (Army establishment) in respect of waste collection, segregation, transportation and disposal in the State of Maharashtra is enclosed as **Annex-II A**.

A Summary Statement on progress made by local bodies in respect of waste collection, segregation, transportation and disposal in the State of Maharashtra is enclosed as **Annex-III**.



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

MSW Annual Report For 2020

STATUS OF ULB's (REGIONWISE ABSTRACT)

Sr. No.	Name of Region	No. of ULBs
1	Aurangabad	79
2	Nashik	62
3	Nagpur	46
4	Chandrapur	45
5	Pune	45
6	Kolhapur	43
7	Amravati	41
8	Raigad	15
9	Thane	9
10	Kalyan	8
11	Navi Mumbai	2
12	Mumbai	1
Total		396

Number of ULBs Regionwise

Regions	Corporations	Municipal Council "A" Class	Municipal Council "B" Class	Municipal Council "C" Class	Nagar Panchayats
Aurangabad	4	5	12	33	25
Nashik	5	2	14	24	17

Regions	Corporations	Municipal Council "A" Class	Municipal Council "B" Class	Municipal Council "C" Class	Nagar Panchayats
Nagpur	1	3	7	17	18
Chandrapur	1	1	8	12	23
Pune	3	3	7	21	11
Kolhapur	2	1	5	18	17
Amravati	2	1	14	15	9
Raigad	1	-	1	8	5
Thane	3	-	2	1	3
Kalyan	3	2	-	-	3
Navi Mumbai	1	-	-	1	-
Mumbai	1	-	-	-	-
Total	27	18	70	150	131

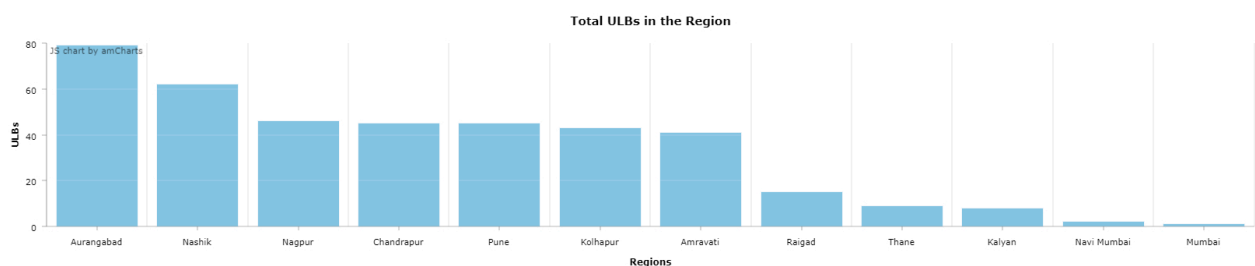
Region wise Solid Waste Generation by ULBs

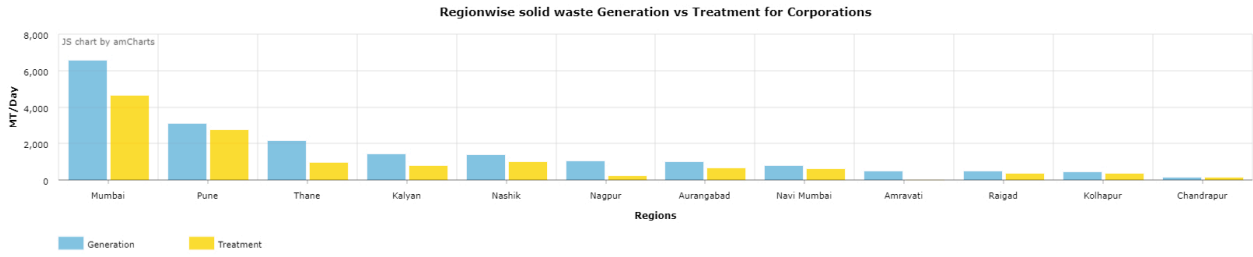
Regions	Corporations	Municipal Council "A" Class	Municipal Council "B" Class	Municipal Council "C" Class	Nagar Panchayats
Aurangabad	988.51	248	181.5	220.02	104.6
Nashik	1350.45	86.05	270.14	179.43	82.25
Nagpur	1014	114.39	124.02	98.56	49.69
Chandrapur	111	60	132.4	88.27	55.98
Pune	3085	113.44	170.2	177.31	49.4
Kolhapur	417	115	87.05	113.58	60.57
Amravati	470	33	246.34	89.5	36.5
Raigad	470	-	28	56.06	20.88
Thane	2134	-	36	5	6.6
Kalyan	1398	223	-	-	14

Regions	Corporations	Municipal Council "A" Class	Municipal Council "B" Class	Municipal Council "C" Class	Nagar Panchayats
Navi Mumbai	750	-	-	7.01	-
Mumbai	6533	-	-	-	-
Total	18720.96	992.88	1275.65	1034.74	480.47

Region wise Solid Waste Treated/Processed by ULBs

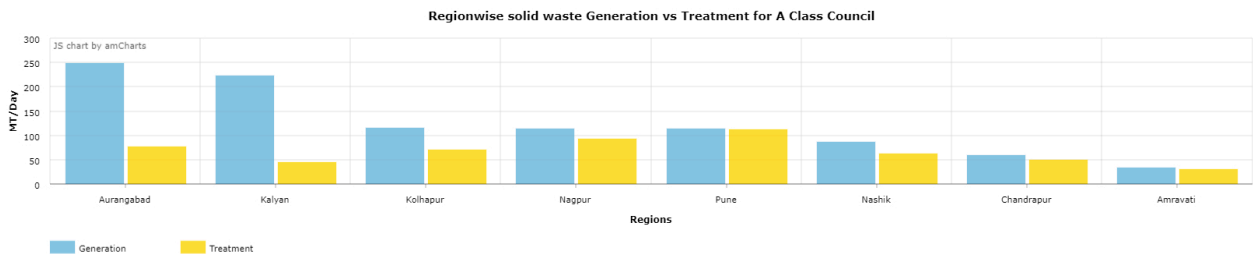
Regions	Corporations	Municipal Council "A" Class	Municipal Council "B" Class	Municipal Council "C" Class	Nagar Panchayats
Aurangabad	650	77.72	124.51	164.04	56.483
Nashik	981.7	63.05	242.14	153.43	64.27
Nagpur	205	92.39	108.52	74.56	46.69
Chandrapur	110	50	116.5	64.42	31.28
Pune	2750	112.69	144.18	141.24	38.8
Kolhapur	350	70	84.05	96.38	44.94
Amravati	1	31	132.5	37.04	4.2
Raigad	335	-	22	53.98	4.88
Thane	939	-	29	4	5.01
Kalyan	749	45.5	-	-	4
Navi Mumbai	610	-	-	5	-
Mumbai	4632	-	-	-	-
Total	12312.7	542.35	1003.4	794.09	300.553





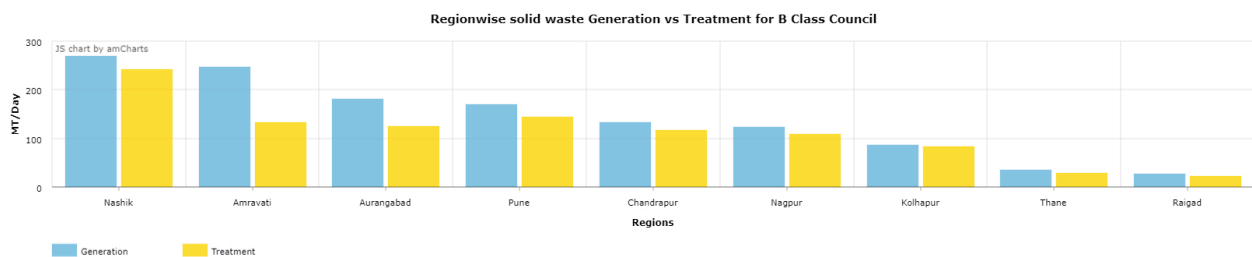
Regionwise solid waste Generation vs Treatment for Corporations

Regions	Generation	Treatment
Mumbai	6533	4632
Pune	3085	2750
Thane	2134	939
Kalyan	1398	749
Nashik	1350.45	981.7
Nagpur	1014	205
Aurangabad	988.51	650
Navi Mumbai	750	610
Amravati	470	1
Raigad	470	335
Kolhapur	417	350
Chandrapur	111	110



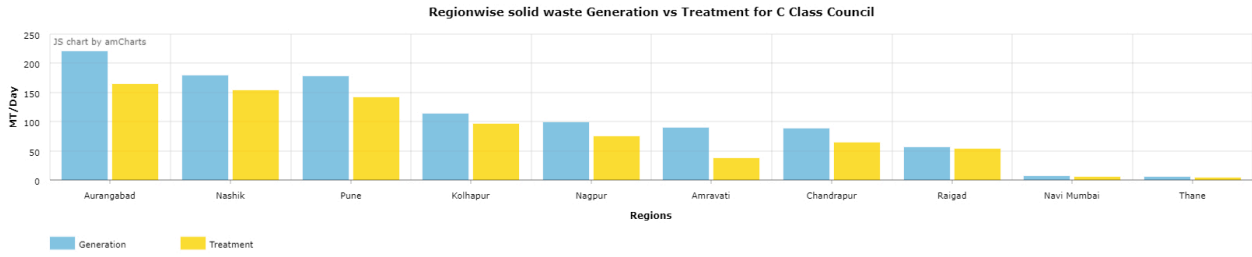
Regionwise solid waste Generation vs Treatment for A Class Council

Regions	Generation	Treatment
Aurangabad	248	77.72
Kalyan	223	45.5
Kolhapur	115	70
Nagpur	114.39	92.39
Pune	113.44	112.69
Nashik	86.05	63.05
Chandrapur	60	50
Amravati	33	31



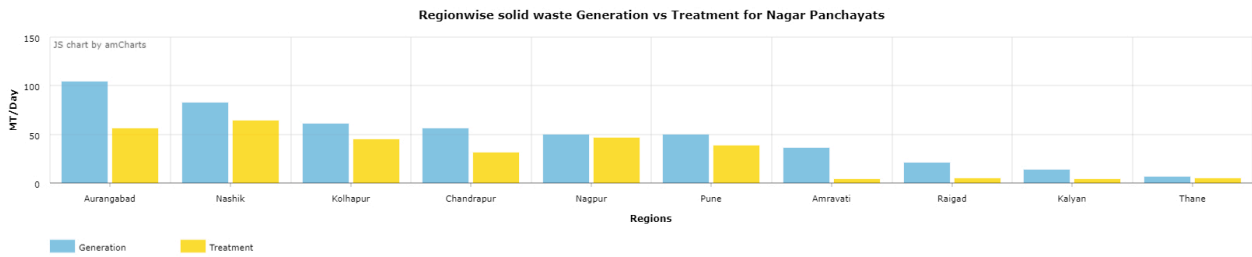
Regionwise solid waste Generation vs Treatment for B Class Council

Regions	Generation	Treatment
Nashik	270.14	242.14
Amravati	246.34	132.5
Aurangabad	181.5	124.51
Pune	170.2	144.18
Chandrapur	132.4	116.5
Nagpur	124.02	108.52
Kolhapur	87.05	84.05
Thane	36	29
Raigad	28	22



Regionwise solid waste Generation vs Treatment for C Class Council

Regions	Generation	Treatment
Aurangabad	220.02	164.04
Nashik	179.43	153.43
Pune	177.31	141.24
Kolhapur	113.58	96.38
Nagpur	98.56	74.56
Amravati	89.5	37.04
Chandrapur	88.27	64.42
Raigad	56.06	53.98
Navi Mumbai	7.01	5
Thane	5	4

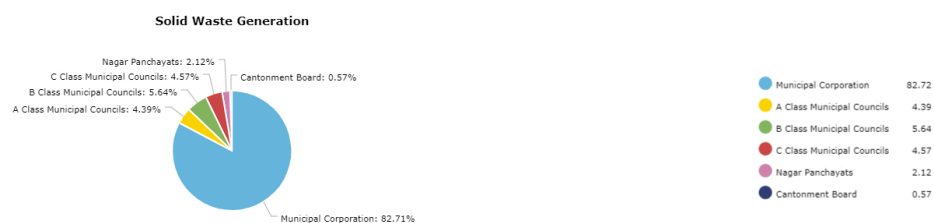


Regionwise solid waste Generation vs Treatment for Nagar Panchayats

Regions	Generation	Treatment
Aurangabad	104.6	56.483
Nashik	82.25	64.27

Regions	Generation	Treatment
Kolhapur	60.57	44.94
Chandrapur	55.98	31.28
Nagpur	49.69	46.69
Pune	49.4	38.8
Amravati	36.5	4.2
Raigad	20.88	4.88
Kalyan	14	4
Thane	6.6	5.01

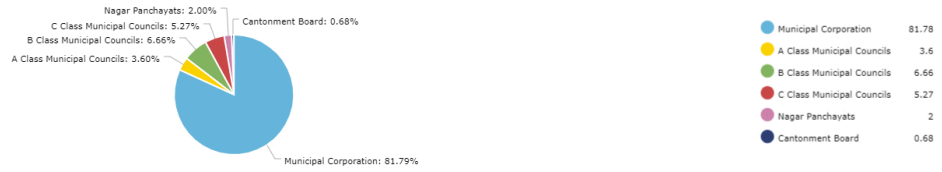
JS chart by amCharts



Solid Waste Generation

Local Body	No. of ULBs	Qty (MT/Day)	Percentage (%)
Municipal Corporation	27	18720.96	82.72
A Class Municipal Councils	18	992.88	4.39
B Class Municipal Councils	71	1275.65	5.64
C Class Municipal Councils	149	1034.74	4.57
Nagar Panchayats	131	480.47	2.12
Total	396	22504.7	
Cantonment Board	7	128.01	0.57
Total	403	22632.71	100

Solid Waste Treatment/Processing

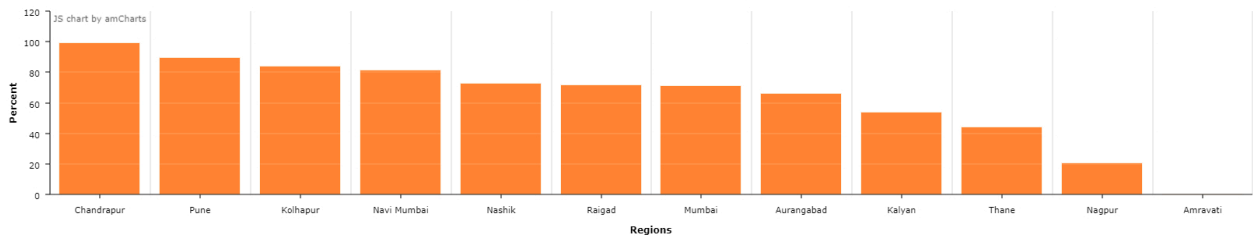


Solid Waste Treatment/Processing

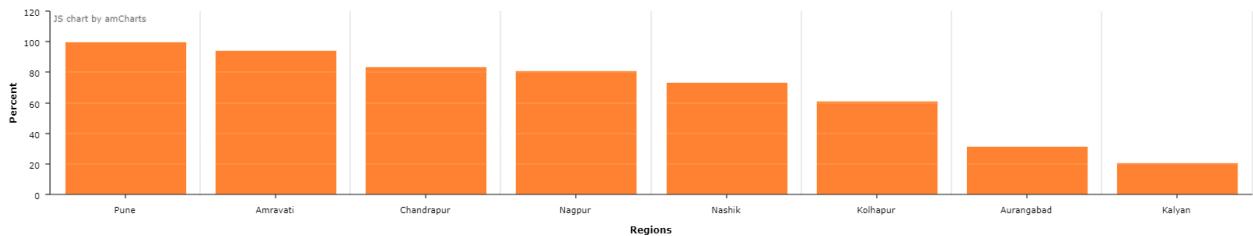
Local Body	No. of ULBs	Qty (MT/Day)	Percentage (%)
Municipal Corporation	27	12312.7	81.78
A Class Municipal Councils	18	542.35	3.60
B Class Municipal Councils	71	1003.4	6.66
C Class Municipal Councils	149	794.09	5.27
Nagar Panchayats	131	300.553	2.00
Total	396	14953.093	
Cantonment Board	7	103.01	0.68
Total	403	15056.103	100

Graphical representation of treatment percentage of ULBs.

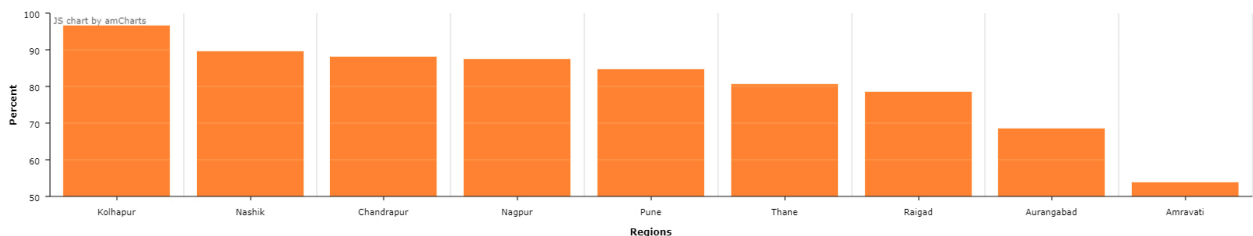
Regionwise SW treatment % by Corporations

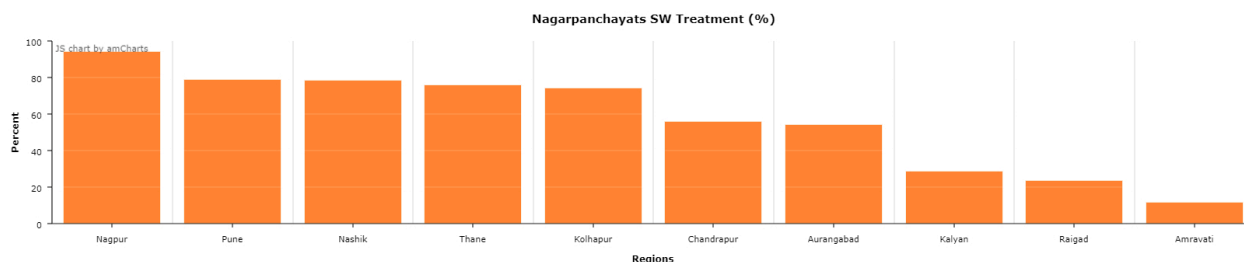
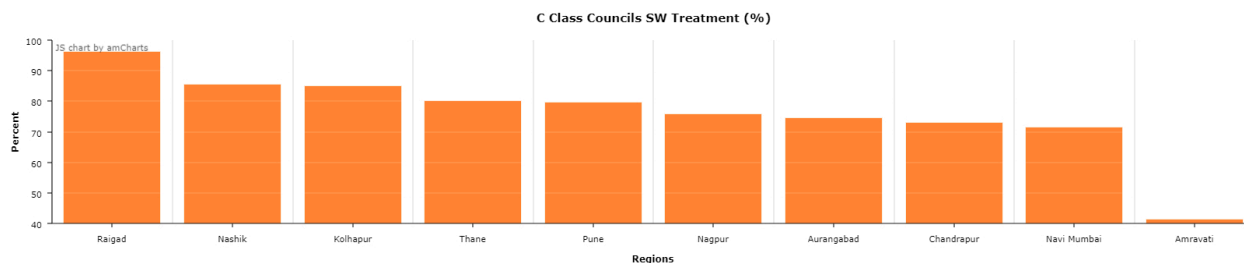


A Class Councils SW Treatment (%)



B Class Councils SW Treatment (%)





**MAHARASHTRA POLLUTION CONTROL BOARD
PRESENT STATUS OF ULBs IN MAHARASHTRA**

MUMBAI REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Municipal Corporation of Greater Mumbai	MC-CLASS A	14162735	6533	4632	Composting, Bio-methanation, Refuse Derived Fuel	T3 - 1163	86	93.88

NAVI MUMBAI REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Navi Mumbai Municipal Corporation	MC-CLASS C	1120000	750	610	Composting, Refuse Derived Fuel	T3 - 28 T4 - 50	100	100.00
2	Uran Municipal Council	C	30000	7.01	5	Composting, Bio-methanation		100	100.00

KALYAN REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Bhiwandi-Nizampur Municipal Corporation	MC-CLASS A	709665	440	0	-	T3 - 16 T4 - 148	80	100.00
2	Kalyan Dombivli Municipal Corporation	MC-CLASS C	1518762	668	658	Composting, Bio-methanation	T3 - 65	90	100.00
3	Ulhasnagar Municipal Corporation	MC-CLASS D	506098	290	91	Composting	T3 - 18 T4 - 9	39	100.00
4	Ambarnath Municipal Council	A	305000	155	15	Composting	T1 - 00 T2 - 00 T3 - 1 T4 - 60	80	100.00
5	Kulgaon Badlapur Municipal Council	A	174226	68	30.5	Composting, Vermi composting, Bio-methanation	T3 - 1 T4 - 43	85	100.00
6	Murbad Nagar Panchayat	NP	21080	4	4	Composting	T2 - 1 T4 - 6	100	100.00
7	Shahapur Nagar Panchayat	NP	11623	5	0	-	T2 - 1 T4 - 6	94	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
8	Wada Nagar Panchayat	NP	16750	5	0	-	T2 - 2 T4 - 7	20	80.00

THANE REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Thane Municipal Corporation	MC-CLASS B	2598591	1039	489	Composting, Bio-methanation	T3 - 27 T4 - 249	95	100.00
2	Vasai-Virar City Municipal Corporation	MC-CLASS C	1901273	620	0	-	T2 - 20 T3 - 57 T4 - 64	80	100.00
3	Mira Bhaindar Municipal Corporation	MC-CLASS D	814786	475	450	Composting, Refuse Derived Fuel	T4 - 34	100	100.00
4	Dahanu Municipal Council	B	50287	9	9	Composting		85	100.00
5	Palghar Municipal Council	B	68903	27	20	Composting		96	100.00
6	Jawhar Municipal Council	C	12040	5	4	Composting	T2 - 1 T4 - 5	80	100.00
7	Mokhada Nagar Panchayat	NP	10273	2	2	Vermi composting	T4 - 3	100	100.00
8	Talasari Nagar Panchayat	NP	18722	2	1.19	Composting		100	100.00
9	Vikramgad Nagar Panchayat	NP	8340	2.6	1.82	Composting, Vermi composting	T2 - 2 T4 - 3	90	70.00

RAIGAD REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Panvel Municipal Corporation	MC-CLASS D	509901	470	335	Composting	T3 - 25 T4 - 58	65	100.00
2	Khopoli Municipal Council	B	71141	28	22	Composting, Bio-methanation	T3 - 2 T4 - 18	100	100.00
3	Alibag Municipal Council	C	20743	7	6	Composting, Bio-methanation	T2 - 1 T4 - 8	100	100.00
4	Karjat Municipal Council	C	29663	10.01	10.01	Composting, Bio-methanation	T2 - 1 T3 - 1 T4 - 6	100	100.00
5	Mahad Municipal Council	C	31000	11	10.92	Composting, Bio-methanation	T2 - 1 T4 - 6	100	100.00
6	Matheran Municipal Council	C	4393	3.0	3.0	Bio-methanation		100	100.00
7	Murud-Janjira Municipal Council	C	12226	4.55	4.55	Composting	T1 - 1 T2 - 1 T3 - 1 T4 - 3	100	100.00
8	Pen Municipal Council	C	41975	8	7	Composting	T3 - 1 T4 - 8	100	100.00
9	Roha Municipal Council	C	22760	8	8	Bio-methanation	T2 - 2 T4 - 4	90	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
10	Shrivardhan Municipal Council	C	16389	4.5	4.5	Composting	T4 - 3	100	100.00
11	Khalapur Nagar Panchayat	NP	6421	2	2	Composting	T2 - 00 T4 - 2	100	100.00
12	Mangaon Nagar Panchayat	NP	18740	11	1	Composting	T2 - 1	70	100.00
13	Mhasala Nagar Panchayat	NP	10121	3	0	-		80	100.00
14	Poladpur Nagar Panchayat	NP	5944	3	0	Composting, Vermi composting	T4 - 3	100	100.00
15	Tala Nagar Panchayat	NP	6981	1.88	1.88	Composting	T4 - 2	94	100.00

KOLHAPUR REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Kolhapur Municipal Corporation	MC-CLASS D	607419	202	200	Composting, Bio-methanation, Refuse Derived Fuel	T2 - 4 T3 - 2 T4 - 115	100	99.01
2	Sangli-Miraj & Kupwad Municipal Corporation	MC-CLASS D	502793	215	150	Composting	T3 - 14 T4 - 6	100	100.00
3	Ichalkaranji Municipal Council	A	292060	115	70	Composting	T3 - 2 T4 - 73	100	100.00
4	Chiplun Municipal Council	B	56569	15	14	Composting	T3 - 1 T4 - 7	100	100.00
5	Islampur Municipal Council	B	78620	17	17	Composting	T2 - 5	100	100.00
6	Jaysingpur Municipal Council	B	48510	17.05	16.05	Vermi composting	T2 - 6	100	100.00
7	Ratnagiri Municipal Council	B	76229	22	22	Composting	T4 - 17	100	100.00
8	Vita Municipal Council	B	55000	16	15	Composting, Bio-methanation	T2 - 2	100	100.00
9	Ashta Municipal Council	C	37105	6	5	Composting	T2 - 1 T4 - 1	100	100.00
10	Gadhinglaj Municipal Council	C	35884	9	9	Vermi composting	T4 - 9	100	100.00
11	Hupari Municipal Council	C	28953	5	4	Composting	T2 - 01 T4 - 4	100	100.00
12	Jat Municipal Council	C	35336	12	1	Composting	T2 - 1 T4 - 9	90	100.00
13	Kagal Municipal Council	C	42124	14	13	Vermi composting, Bio-methanation	T2 - 2	100	100.00
14	Khed Municipal Council	C	16892	8	7	Composting, Bio-methanation	T2 - 1 T4 - 2	90	100.00
15	Kurundwad Municipal Council	C	22372	5	5	Composting	T2 - 1	100	100.00
16	Malkapur Municipal Council	C	5339	2	2	Composting	T2 - 1 T4 - 2	100	100.00
17	Malvan Municipal Council	C	18648	3	2	Composting, Vermi composting	T4 - 5	90	100.00
18	Murgud Municipal Council	C	11194	3	3	Composting	T2 - 2 T4 - 4	90	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
19	Palus Municipal Council	C	30010	4.5	3.31	Composting	T2 - 1 T4 - 6	100	96.22
20	Panhala Municipal Council	C	3278	1	1	Composting	T4 - 2	100	100.00
21	Rajapur Municipal Council	C	9753	3.55	3.55	Composting	T2 - 1 T4 - 2	100	100.00
22	Sawantvadi Municipal Council	C	23851	11	11	Composting, Vermi composting	T2 - 2 T4 - 6	100	100.00
23	Shirol Municipal Council	C	27649	4.51	4.50	Composting	T2 - 1 T4 - 4	100	100.00
24	Tasgaon Municipal Council	C	37945	12.52	12.52	Composting	T2 - 2 T3 - 3 T4 - 10	85	100.00
25	Vadgaon Municipal Council	C	25651	6.5	6.5	Composting	T2 - 3 T3 - 1	100	100.00
26	Vengurla Municipal Council	C	12392	3	3	Vermi composting, Bio-methanation, Co-processing	T2 - 1 T3 - 1 T4 - 6	100	100.00
27	Ajara Nagarpanchayat	NP	17309	5	5	Composting	T4 - 5	100	100.00
28	Chandgad Nagarpanchayat	NP	10205	3.9	3.8	Composting	T2 - 1 T4 - 1	100	100.00
29	Hatkanangale Nagarpanchayat	NP	13679	4	4	Composting	T2 - 1	100	100.00
30	Dapoli Municipal Council	NP	15713	7	5	Composting, Bio-methanation	T2 - 2 T4 - 3	100	10.00
31	Devgadjamsande Nagar Panchayat	NP	17234	2	2	Vermi composting	T4 - 5	80	100.00
32	Devrukh Nagar Panchayat	NP	13608	1.5	1.5	Composting	T2 - 1 T4 - 4	100	100.00
33	Guhagar Nagar Panchayat	NP	7299	0.42	0.42	Composting	T4 - 3	100	100.00
34	Kadegaon Nagar Panchayat	NP	11821	4	4	Composting	T2 - 2	100	100.00
35	Kankavli Municipal Council	NP	16398	5	5	Composting	T2 - 7	100	100.00
36	Kasai-Dodamarg Nagar Panchayat	NP	3811	1.55	1.0	Composting		100	100.00
37	Kavathemahankal Nagar Panchayat	NP	19380	6.2	2.82	Composting		100	100.00
38	Khanapur Nagar Panchayat	NP	6457	1.5	1.4	Composting	T1 - 00 T4 - 3	100	100.00
39	Kudal Nagar Panchayat	NP	19474	4.5	0.5	Vermi composting		100	100.00
40	Lanja Nagar Panchayat	NP	18326	5.5	3.0	Composting		90.0	90.91
41	Mandangad Nagar Panchayat	NP	3592	1.5	1.5	Composting	T4 - 1	90	100.00
42	Shirala Nagar Panchayat	NP	15665	5	3	Composting	T2 - 1 T4 - 4	91	60.00
43	Vaibhavwadi Nagar Panchayat	NP	2297	2	1	Composting	T4 - 1	100	50.00

AMRAVATI REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Akola Municipal Corporation	MC-CLASS D	590591	220	0	-	T2 - 33 T4 - 1	70	100.00
2	Amravati Municipal Corporation	MC-CLASS D	825000	250	1	-	T2 - 2 T3 - 4 T4 - 45	61	100.00
3	Achalpur Municipal Council	A	112311	33	31	Composting	T2 - 10	60	100.00
4	Akot Municipal Council	B	92637	25	15	Composting	T2 - 04 T4 - 17	80	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
5	Anjangaon Surji Municipal Council	B	56380	16	11.5	Composting	T1 - 1 T2 - 5 T3 - 1	40	100.00
6	Balapur Municipal Council	B	44594	11	6	Composting	T2 - 2 T4 - 8	80	100.00
7	Buldhana Municipal Council	B	73258	22	0	-	T1 - 1 T2 - 3 T4 - 25	40	100.00
8	Chikhli Municipal Council	B	57889	15	7	Composting, Vermi composting	T2 - 3 T4 - 13	70	100.00
9	Karanja Municipal Council	B	73353	18.34	18	Composting	T2 - 2 T4 - 9	70	100.00
10	Khamgaon Municipal Council	B	94191	29	28	Composting	T2 - 5	80	100.00
11	Malkapur - Buldhana Municipal Council	B	67740	18	0	-	T1 - 0000	95	100.00
12	Mehkar Municipal Council	B	45248	11	2	Composting	T2 - 1 T4 - 16	70	100.00
13	Murtizapur Municipal Council	B	40295	10	9	Vermi composting	T2 - 2 T4 - 12	80	100.00
14	Nandura Municipal Council	B	47419	12	4	Composting	T2 - 3	60	100.00
15	Shegaon Municipal Council	B	68372	15	8	Composting	T1 - 1 T2 - 4 T4 - 19	80	100.00
16	Warud Municipal Council	B	45482	16	10	Composting, Vermi composting	T2 - 2 T4 - 1	100	100.00
17	Washim Municipal Council	B	90617	28	14	Composting	T2 - 5	100	35.71
18	Chandurbazaar Municipal Council	C	20225	4	0	-	T1 - 1 T2 - 3 T4 - 6	90	100.00
19	ChandurRailway Municipal Council	C	19776	4	1.5	Vermi composting	T2 - 2	100	100.00
20	Chikhaldara Hill Station Municipal Council	C	5158	1.81	1	Composting, Vermi composting	T2 - 1 T4 - 2	70	100.00
21	Daryapur Municipal Council	C	40124	11	7	Composting	T2 - 3	40	100.00
22	Deulgaon Raja Municipal Council	C	30827	7	4	Composting	T2 - 1 T4 - 10	60	100.00
23	Dhamangaon Municipal Council	C	21059	5	2.5	Vermi composting	T2 - 2	90	100.00
24	Jalgaon Jamod Municipal Council	C	29692	7.57	4.54	Composting	T2 - 3 T4 - 9	80	100.00
25	Lonar Municipal Council	C	23416	7.02	0	-	T2 - 1 T4 - 7	30	100.00
26	Mangrulpir Municipal Council	C	30983	9	0	-	T2 - 2	60	100.00
27	Morshi Municipal Council	C	37333	8	5	Vermi composting	T1 - 1 T2 - 3 T4 - 9	95	100.00
28	Patur Municipal Council	C	21022	2	2	Vermi composting	T2 - 1	99	100.00
29	Risod Municipal Council	C	34136	11.5	0	-	T2 - 3	90	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
30	Shendurjana Ghat Municipal Council	C	21748	6	5.5	Composting	T2 - 2	65	100.00
31	Sindkhed Raja Municipal Council	C	16436	4	2.5	Composting	T4 - 7	85	100.00
32	Telhara Municipal Council	C	22230	1.6	1.5	Composting	T2 - 2 T4 - 8	100	100.00
33	Barshitakli Nagar Panchayat	NP	21817	5	1	Composting	T2 - 2 T4 - 7	70	100.00
34	Bhatkuli Nagar Panchayat	NP	8816	4	1.7	Composting	T2 - 1	100	100.00
35	Dharni Nagar Panchayat	NP	15761	4	0	-	T2 - 1	0	0.00
36	Malegaon Jahanjir	NP	21290	4	1	Vermi composting	T2 - 1	65	100.00
37	Manora Nagar Panchayat	NP	9339	3	0	-		20	100.00
38	Motala Nagar panchyat	NP	10331	8	0	-	T2 - 1 T3 - 1	40	62.50
39	Nandgaon (K) Nagar Panchyat	NP	13572	2	0	-	T2 - 1 T4 - 4	80	100.00
40	Sangrapur Nagar Panchayat	NP	8500	2.5	0	-	T2 - 1 T4 - 3	80	100.00
41	Teosa Nagar Panchayat	NP	12482	4	0.5	Composting	T2 - 2 T3 - 5	98	100.00

CHANDRAPUR REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Chandrapur City Municipal Corporation	MC-CLASS D	406789	111	110	Composting, Vermi composting	T2 - 1 T3 - 3 T4 - 23	100	100.00
2	Yavatmal Municipal Council	A	248939	60	50	Vermi composting		80	100.00
3	Ballarpur Municipal Council	B	89452	26	26	Composting, Bio-methanation	T2 - 5	100	100.00
4	Bhadravati Municipal Council	B	60565	15	15	Composting, Vermi composting	T2 - 1 T4 - 12	100	100.00
5	Digras Municipal Council	B	48937	13	7	Composting, Vermi composting	T2 - 1 T4 - 10	90	100.00
6	Gadchiroli Municipal Council	B	54152	14	13	Vermi composting	T1 - 1 T2 - 5 T3 - 1 T4 - 1	100	100.00
7	Pusad Municipal Council	B	73046	24.4	17.5	Composting		80	100.00
8	Umarched Municipal Council	B	47458	14	14	Composting	T2 - 2 T4 - 14	100	100.00
9	Wani Municipal Council	B	58840	10	8	Composting, Vermi composting	T2 - 4 T4 - 14	80	80.00
10	Warora Municipal Council	B	46532	16	16	Composting	T2 - 1	100	100.00
11	Arni Municipal Council	C	31597	8	0	-		60	85.00
12	Bramhapuri Municipal Council	C	35900	10	6	Composting, Vermi composting, Bio-methanation	T2 - 1	100	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
13	Chimur Municipal Council	C	25741	6.82	6.82	Composting, Vermi composting	T1 - 1 T2 - 1	100	100.00
14	Darwha Municipal Council	C	34094	5	5	Composting	T2 - 1 T4 - 8	100	100.00
15	Desaiganj (Wadsa) Municipal Council	C	28781	6	6	Composting	T2 - 1	100	100.00
16	Gadchandur Municipal Council	C	26755	9	9	Composting	T2 - 2	100	100.00
17	Ghatanji Municipal Council	C	21293	5.85	1.1	Composting, Vermi composting	T1 - 1 T2 - 2 T3 - 1 T4 - 9	60	100.00
18	Mool Municipal Council	C	28803	6	6	Composting	T2 - 1	100	100.00
19	Nagbhid Municipal Council	C	25167	9	9	Composting		100	100.00
20	Ner Nababpur Nagar Parishad	C	29302	7	4.5	Composting	T2 - 2 T4 - 14	95	100.00
21	Pandharkawada Municipal Council	C	33861	8.1	4	Composting, Vermi composting	T2 - 1 T4 - 8	80	100.00
22	Rajura Municipal Council	C	29668	7.5	7	Composting, Co-processing	T2 - 2	90	100.00
23	Dhanaki Nagarpanchayat	NP	17267	3.5	0	-	T2 - 2 T4 - 5	0	100.00
24	Ahiri Nagar Panchayat	NP	16647	4	3	Vermi composting	T1 - 1 T2 - 1 T4 - 5	100	100.00
25	Armorli Nagar Panchayat	NP	25507	7	3	Composting	T2 - 2 T4 - 2	100	100.00
26	Babhulgaon Nagarpanchayat	NP	6157	1.55	0	-	T2 - 1 T4 - 7	80	100.00
27	Bhamragad Nagar Panchayat	NP	7840	1.8	1.8	Composting	T2 - 1	0	90.00
28	Chamoshi Nagar Panchayat	NP	16953	4.2	4.2	Composting	T4 - 4	50	100.00
29	Dhanora Nagar Panchayat	NP	6109	2	0	Composting	T2 - 1 T4 - 2	100	100.00
30	Etapalli Nagar Panchayat	NP	10158	2	1	Vermi composting	T1 - 1 T2 - 2 T4 - 3	0	50.00
31	Gondpimpri Nagar Panchayat	NP	8474	2.6	2.53	Composting	T4 - 3	100	100.00
32	Jiwati Nagar Panchayat	NP	4303	1.5	0.8	Composting	T4 - 1	100	100.00
33	Kalamb Nagar Panchyat	NP	20064	3.5	1	Composting		80	100.00
34	Korchi Nagar Panchayat	NP	3483	1	1	Composting	T2 - 1	100	100.00
35	Korpana Nagar Panchayat	NP	5195	1.9	1.9	Composting	T2 - 1	100	100.00
36	Kurkheda Nagar Panchayat	NP	7430	2	2	Composting, Vermi composting	T2 - 1 T4 - 3	100	100.00
37	Mahagaon Nagar Panchayat	NP	8248	2.4	0.5	Composting	T2 - 1	60	100.00
38	Maregaon Nagar Panchyat	NP	8553	1.5	1.5	Vermi composting	T1 - 010 T4 - 3	100	100.00
39	Mulchera Nagar Panchayat	NP	1939	0.5	0.1	-	T4 - 3	0	20.00
40	Pombhurna Nagar Panchayat	NP	6308	1.28	1.28	Composting	T4 - 2	100	100.00
41	Ralegaon Nagar Panchayat	NP	15631	4	1	Composting		100	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
42	Saoli Nagar panchayat	NP	10019	2.46	1.46	Vermi composting		100	100.00
43	Sindewahi Nagar Panchayat	NP	14157	3.19	1.19	Composting, Vermi composting		80	0.00
44	Sironcha Nagar Panchayat	NP	10621	2.0	2	Composting	T2 - 1 T4 - 3	100	100.00
45	Zari Jamni Nagar Panchayat	NP	1175	0.1	0.02	Composting		90	100.00

PUNE REGION

Sr.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Pune Municipal Corporation	MC-CLASS A	4179295	1900	1760	Composting, Bio-methanation, Refuse Derived Fuel	T2 - 13 T3 - 53 T4 - 575	100	100.00
2	Pimpri-Chinchwad Municipal Corporation	MC-CLASS B	2331570	935	770	Composting	T3 - 72 T4 - 167	88	100.00
3	Solapur Municipal Corporation	MC-CLASS D	951558	250	220	Composting, Waste to Energy	T3 - 2	100	100.00
4	Baramati Municipal Council	A	124000	26	25.75	Vermi composting, Bio-methanation	T2 - 3 T4 - 23	93	100.00
5	Barshi Municipal Council	A	118722	39	38.5	Composting	T2 - 5 T4 - 34	100	100.00
6	Satara Municipal Council	A	120195	48.44	48.44	Composting	T4 - 40	100	100.00
7	Akkalkot Municipal Council	B	40103	13	8	Composting		90	100.00
8	Daund Municipal Council	B	51575	17	0	-	T2 - 2 T3 - 2	95	100.00
9	Karad Municipal Council	B	86000	26	26	Composting, Bio-methanation	T2 - 4	100	100.00
10	Lonavala Municipal Council	B	57698	40	39	Composting, Bio-methanation	T2 - 2 T3 - 1	100	100.00
11	Pandharpur Municipal Council	B	98923	38	37.5	Composting	T2 - 2 T3 - 2 T4 - 43	100	100.00
12	Phaltan Municipal Council	B	52118	16.2	14.68	Composting		100	100.00
13	Talegaon Dhabade Municipal Council	B	56435	20	19	Composting	T4 - 14	100	100.00
14	Alandi Municipal Council	C	33000	18	18	Composting, Vermi composting, Refuse Derived Fuel	T2 - 3 T3 - 2 T4 - 10	95	94.44
15	Bhor Municipal Council	C	19352	5	4	Composting	T3 - 1 T4 - 2	100	100.00
16	Chakan Municipal Council	C	41113	25	23	Composting	T1 - 00 T2 - 3 T4 - 17	100	100.00
17	Dudhani Municipal Council	C	11214	3	2.5	Composting	T2 - 1 T4 - 3	100	100.00
18	Indapur Municipal Council	C	25515	6	5	Composting	T2 - 1 T4 - 12	100	100.00
19	Jejuri Municipal Council	C	14515	7	6	Composting		100	100.00
20	Junnar Municipal Council	C	25315	6	5	Composting	T4 - 5	100	100.00
21	Karmala Municipal Council	C	23199	4	4	Composting		98	100.00
22	Kurduvadi Municipal Council	C	22463	5.1	4.85	Composting	T2 - 1 T4 - 6	100	100.00
23	Mahabaleshwar Municipal Council	C	13393	7	7	Composting	T2 - 00 T4 - 8	100	100.00
24	Maindargi Municipal Council	C	12363	3.82	3.00	Composting	T2 - 1	100	100.00

Sr.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
25	Mangalwedha Municipal Council	C	21824	5.2	4.95	Composting	T2 - 1	100	100.00
26	Mhaswad Municipal Council	C	24120	4	0	-	T2 - 1 T4 - 6	100	100.00
27	Mohol Nagar Panchayat	C	27833	6	6	Composting	T2 - 1 T4 - 12	100	100.00
28	Panchgani Municipal Council	C	14894	7	7	Composting	T2 - 5	100	100.00
29	Rahimatpur Municipal Council	C	17633	2	2	Vermi composting	T4 - 3	100	100.00
30	Rajgurunagar Municipal Council	C	25146	15	0	-	T2 - 1 T4 - 16	100	100.00
31	Sangola Municipal Council	C	34321	9.14	9.14	Composting	T2 - 3	100	100.00
32	Saswad Municipal Council	C	31821	11.05	10.05	Composting	T1 - 00 T2 - 01	100	100.00
33	Shirur Municipal Council	C	40080	14	13.75	Composting	T2 - 2 T3 - 1	100	100.00
34	Wai Municipal Council	C	36025	14	6	Composting	T3 - 1	90	100.00
35	Vadgaon Nagarpanchayat	NP	20895	5.2	4.7	Composting	T2 - 1 T4 - 6	100	100.00
36	Dahivadi Nagar Panchayat	NP	18064	4.5	4.5	Composting	T4 - 5	95	100.00
37	Khandala Nagar Panchayat	NP	10000	3	3	Composting, Vermi composting	T2 - 2	95	100.00
38	Koregaon Nagar Panchayat	NP	23944	8	5	Composting		100	100.00
39	Lonand Nagar Panchayat	NP	22650	5.2	3.1	Composting	T2 - 2	100	100.00
40	Madha Nagar Panchayat	NP	11027	3	2	-	T4 - 3	80	100.00
41	Malkapur Municipal Council (Nagar Panchayat)	NP	40000	5.5	5.5	Composting, Bio-methanation	T2 - 1 T4 - 5	100	100.00
42	Malshiras Nagar Panchayat	NP	21985	5	3	Composting, Vermi composting	T2 - 2 T4 - 7	80	100.00
43	Medha Nagar Panchayat	NP	4678	2	1	Composting	T2 - 2	100	100.00
44	Patan Nagar Panchayat	NP	17653	5	4	Composting	T2 - 3	100	100.00
45	Vaduj Nagar Panchayat	NP	17636	3	3	Composting	T4 - 7	100	100.00

NAGPUR REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Nagpur Municipal Corporation	MC-CLASS A	2750000	1014	205	Composting, Vermi composting	T3 - 92 T4 - 569	60	100.00
2	Gondia Municipal Council	A	157882	53.39	53.39	Composting, Vermi composting	T2 - 05	100	100.00
3	Hingan Ghat Municipal Council	A	101805	31	26	Composting, Vermi composting	T1 - 1 T2 - 5 T3 - 1 T4 - 1	84	100.00
4	Wardha Municipal Council	A	120441	30	13	Composting	T2 - 4 T4 - 1	98	100.00
5	Arvi Municipal Council	B	42822	16	16	Composting	T2 - 2	85	100.00
6	Bhandara Municipal Council	B	91845	30.5	30.5	Composting	T2 - 7	100	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
7	Kamptee Municipal Council	B	86793	29.01	29.01	Composting	T2 - 4 T3 - 1 T4 - 17	100	100.00
8	Katol Municipal Council	B	43267	7	6.5	Composting	T2 - 3	100	100.00
9	Tumsar Municipal Council	B	49360	15	0	-	T1 - 1 T2 - 1 T3 - 1 T4 - 10	100	100.00
10	Umred Municipal Council	B	53971	13.51	13.51	Composting, Vermi composting	T2 - 4	100	100.00
11	Wadi Municipal Council	B	54048	13	13	Composting		100	100.00
12	Amgaon Nagar Panchayat	C	34564	7	0	-		0	58.00
13	Deoli Municipal Council	C	19288	5.01	5.01	Composting, Vermi composting	T1 - 1 T2 - 1	100	100.00
14	Kalmeshwar Municipal Council	C	20500	6	6	Composting	T2 - 1	100	100.00
15	Kanhann Pimpri Municipal Council	C	27851	5	5	Composting		100	100.00
16	Khapa Municipal Council	C	15500	3	3	Composting	T2 - 1	90	100.00
17	Mohapa Municipal Council	C	6987	2	1	Composting, Vermi composting		100	100.00
18	Mowad Municipal Council	C	8777	3	3	Vermi composting	T1 - 00 T2 - 02 T4 - 2	100	100.00
19	Municipal Council Butibor	C	55248	13	7	Composting	T2 - 2	100	100.00
20	Narkhed Municipal Council	C	21378	7	7	Composting	T1 - 00 T2 - 00	90	100.00
21	Pavani Municipal Council	C	22821	5	3	Composting, Vermi composting	T2 - 2	100	100.00
22	Pulgaon Municipal Council	C	33924	10	10	Composting	T2 - 2	100	100.00
23	Ramtek Municipal Council	C	22300	6	5	Composting	T2 - 2 T4 - 3	75	100.00
24	Sakoli Nagar Panchayat	C	28367	3	2	Composting	T2 - 1 T4 - 4	100	100.00
25	Savner Municipal Council	C	40000	4	2	Composting	T2 - 1 T4 - 1	90	100.00
26	Sindi Municipal Council	C	12858	3	3	Composting	T2 - 1 T4 - 1	80	100.00
27	Tirora Municipal Council	C	25181	6	2	Composting, Vermi composting	T4 - 9	90	100.00
28	Wanadongari Nagar Panchayat	C	57379	10.55	10.55	Composting		100	100.00
29	Arjuni Nagar Panchayat	NP	9472	2.7	2.5	Composting		100	100.00
30	Ashti Nagar Panchayat	NP	11716	3	3	Composting	T2 - 1	90	100.00
31	Bhiwapur Nagar Panchayat	NP	14268	2.5	2.5	Composting, Vermi composting	T2 - 1	100	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
32	Deori Nagar Panchayat	NP	14579	4.2	4.2	Vermi composting	T2 - 2	95	100.00
33	Goregaon Nagar Panchayat	NP	8766	0.9	0	-	T2 - 1	0	100.00
34	Hingana Nagar Panchayat	NP	7668	2	2	Composting		100	100.00
35	Karanja Nagar Panchayat	NP	12862	4	4	Composting	T2 - 1	100	100.00
36	Kuhi Nagar Panchayat	NP	10436	3	3	Composting, Vermi composting	T4 - 3	100	100.00
37	Lakhandur Nagar Panchayat	NP	9795	2.8	1.5	Vermi composting		100	100.00
38	Lakhani Nagar Panchayat	NP	12636	3	3	Composting	T2 - 1	100	100.00
39	Mahadula Municipal Council	NP	24019	5	5	Composting	T2 - 1 T4 - 2	100	100.00
40	Mohadi Nagar Panchayat	NP	10527	3	3	Composting	T2 - 1	100	100.00
41	Mouda Municipal Council	NP	14606	3	3	Composting	T4 - 3	100	100.00
42	Parshiwani Nagar Panchayat	NP	12026	3	3	Composting	T4 - 3	100	100.00
43	Sadak-Arjuni Nagar Panchayat	NP	5975	1.5	0.9	Composting	T1 - 000 T4 - 2	60	100.00
44	Salekasa Nagar Panchayat	NP	8887	0.59	0.59	Composting	T2 - 1 T3 - 1	100	100.00
45	Samudrapur Nagar Panchayat	NP	7656	2	2	Composting	T2 - 1	100	100.00
46	Selu Nagar Panchayat	NP	13740	3.5	3.5	Composting	T2 - 1 T4 - 3	100	100.00

NASHIK REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Ahmednagar Municipal Corporation	MC-CLASS B	420000	151	136	Composting, Bio-methanation	T2 - 12 T3 - 7 T4 - 64	95	100.00
2	Nashik Municipal Corporation	MC-CLASS B	1486053	590	470	Composting, Bio-methanation, Refuse Derived Fuel	T2 - 35 T4 - 230	100	100.00
3	Dhule Municipal Corporation	MC-CLASS D	458294	114.45	100.7	Vermi composting	T2 - 10 T3 - 3 T4 - 79	91.5	100.00
4	Jalgaon City Municipal Corporation	MC-CLASS D	517494	255	150	Composting	T2 - 20 T3 - 8 T4 - 12	80	100.00
5	Malegaon Municipal Corporation	MC-CLASS D	541239	240	125	Composting, Vermi composting	T2 - 25 T3 - 5 T4 - 113	80	100.00
6	Bhusawal Municipal Council	A	200000	58	35	Composting	T2 - 6 T3 - 1 T4 - 26	80	100.00
7	Nandurbar Municipal Council	A	111067	28.05	28.05	Composting	T2 - 4 T3 - 1 T4 - 22	100	100.00
8	Amalner Municipal Council	B	95994	36	34	Composting	T2 - 4 T3 - 1 T4 - 18	100	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
9	Chalisgaon Municipal Council	B	97551	14	10	Composting	T2 - 6 T4 - 1	80	100.00
10	Chopda Municipal Council	B	72783	14	8	Composting		80	100.00
11	Dondaicha-Varwade Municipal Council	B	46767	15	15	Composting	T2 - 2	90	100.00
12	Jamner Municipal Council	B	46762	14.01	14.01	Composting	T2 - 3 T3 - 1	100	100.00
13	Kopargaon Municipal Council	B	65273	20	19	Composting	T2 - 1 T3 - 1 T4 - 1	100	100.00
14	Manmad Municipal Council	B	80058	20	19.5	Composting	T2 - 2 T4 - 15	90	100.00
15	Pachora Municipal Council	B	50609	24	22	Composting	T1 - 11 T2 - 1	0	100.00
16	Sangamner Municipal Council	B	65804	25.13	25.13	Composting, Bio-methanation	T2 - 3 T4 - 14	80	100.00
17	Shahada Municipal Council	B	68000	11	11	Composting	T4 - 13	100	100.00
18	Shirpur-Varwade Municipal Council	B	76905	12	12	Composting, Vermi composting	T2 - 1 T4 - 2	95	100.00
19	Shrirampur Municipal Council	B	95700	25	18	Composting	T2 - 7 T4 - 14	80	100.00
20	Sinnar Municipal Council	B	65299	22	18	Composting	T2 - 3 T3 - 1 T4 - 14	100	100.00
21	Yeola Municipal Council	B	55000	18	16.5	Composting	T2 - 1 T3 - 1 T4 - 10	95	100.00
22	Bhadgaon Municipal Council	C	37214	11	10	Composting	T4 - 8	100	100.00
23	Bhagur Municipal Council	C	12353	2.5	2.15	Composting	T2 - 2	82	100.00
24	Chandwad Municipal Council	C	30409	6	6	Composting	T2 - 2 T4 - 3	100	100.00
25	Devlali Pravara Municipal Council	C	30997	5	5	Composting		100	100.00
26	Dharangaon Municipal Council	C	37375	5	5	Composting	T4 - 5	100	100.00
27	Erandol Municipal Council	C	37526	5.40	5.40	Composting	T3 - 1	100	100.00
28	Faizpur Municipal Council	C	26602	7	3.5	Composting	T2 - 4 T3 - 1	100	100.00
29	Igatpuri Municipal Council	C	30989	7.5	7.4	Composting	T2 - 1 T4 - 5	98	100.00
30	Jamkhed Municipal Council	C	45000	16	15	Composting	T2 - 2 T4 - 8	100	100.00
31	Nandgaon Municipal Council	C	23604	3.5	2	Composting	T2 - 1	95	100.00
32	Navapur Municipal Council	C	34207	8	1	Composting	T2 - 2 T4 - 6	75	0.00
33	Parola Municipal Council	C	41241	12	11	Composting	T2 - 1	100	100.00
34	Pathardi Municipal Council	C	27211	8	7	Composting	T4 - 8	85	100.00
35	Rahata Pimplas Municipal Council	C	22335	6	4	Composting	T2 - 1 T3 - 1	80	100.00
36	Rahuri Municipal Council	C	45033	11.03	10.53	Vermi composting, Bio-methanation	T2 - 1 T4 - 8	100	100.00
37	Raver Municipal Council	C	30000	7	6.5	Composting	T2 - 2 T3 - 1	100	100.00
38	Satana Municipal Council	C	37701	8	8	Composting, Bio-methanation	T2 - 2 T4 - 10	100	100.00
39	Savda Municipal Council	C	21500	7	7	Composting	T2 - 1 T3 - 1 T4 - 3	100	100.00
40	Shevgaon Municipal Council	C	44375	9	8.95	Composting	T2 - 2 T4 - 7	100	100.00
41	Srigonda Municipal Council	C	31134	7	6.5	Composting	T2 - 1 T4 - 5	100	100.00
42	Taloda Municipal Council	C	28954	7.5	7.5	Composting	T4 - 6	100	100.00
43	Trimbak Municipal Council	C	13455	4	4	Composting	T2 - 1	100	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
44	Varangaon Municipal Council	C	35268	11	6	Composting	T2 - 6 T3 - 1	15	100.00
45	Yawal Municipal Council	C	43540	5	4	Composting	T2 - 2 T4 - 6	100	100.00
46	Shendurni Nagarpanchayat	NP	35010	4	0.08	Composting	T4 - 8	100	100.00
47	Akole Nagar Panchayat	NP	19814	4	4	Composting	T2 - 1 T4 - 6	95	100.00
48	Bodvad Nagar Panchayat	NP	24221	4.5	4.5	Vermi composting	T4 - 8	100	100.00
49	Devala Nagar Panchayat	NP	12049	6	4	Vermi composting	T2 - 1 T4 - 5	100	100.00
50	Dhadgaon Wadphalya-Roshmal Bu Nagar Panchayat	NP	11908	0.8	0.7	Composting	T2 - 1	80	100.00
51	Dindori Nagar Panchayat	NP	17734	4	3.8	Composting	T4 - 4	95	100.00
52	Kalawan Nagar Panchayat	NP	20541	7	4	Composting	T2 - 2 T4 - 7	100	100.00
53	Karjat Nagar Panchayat	NP	20050	5	2	Composting	T2 - 2 T4 - 3	100	100.00
54	Muktainagar Nagarpanchayat	NP	30000	6	6	Composting	T1 - 01 T2 - 01 T4 - 7	100	100.00
55	Nevasa Nagar Panchayat	NP	22618	4.9	4.9	Composting		95	100.00
56	Niphad Nagar Panchayat	NP	26000	6	4.0	Composting	T2 - 6	90	100.00
57	Parner Nagar Panchayat	NP	15000	5	4	Composting	T4 - 4	95	100.00
58	Peth Nagar Panchayat	NP	6858	2	2	Composting		100	100.00
59	Sakri Nagar Panchayat	NP	21007	5	3	Composting	T4 - 5	100	100.00
60	Shirdi Nagar Panchayat	NP	36004	14	13.5	Composting	T2 - 2 T3 - 1 T4 - 17	100	100.00
61	Sindkheda Municipal Council	NP	24566	3.15	3.15	Composting	T2 - 2 T4 - 6	95	100.00
62	Surgana Nagar Panchayat	NP	6263	0.9	0.64	Composting	T2 - 1	80	100.00

AURANGABAD REGION

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
1	Aurangabad Municipal Corporation	MC-CLASS C	1228032	450	400	Composting, Bio-methanation, Refuse Derived Fuel	T2 - 5 T3 - 27 T4 - 296	90	100.00
2	Latur City Municipal Corporation	MC-CLASS D	382940	150	150	Composting	T2 - 40 T3 - 3 T4 - 10	95	100.00
3	Nanded-Waghala Municipal Corporation	MC-CLASS D	550439	250	100	Composting, Vermicomposting	T1 - 1 T2 - 8 T3 - 1 T4 - 104	40	100.00
4	Parbhani Municipal Corporation	MC-CLASS D	356759	138.51	0	-		100	100.00
5	Beed Municipal Council	A	233680	32	30.72	Composting	T1 - 00 T2 - 1 T3 - 3 T4 - 49	67	100.00
6	Hingoli Municipal Council	A	93076	22	21	Vermicomposting	T4 - 20	100	100.00
7	Jalna M. Council	A	285577	108	0	Composting, Refuse Derived Fuel	T2 - 18 T4 - 4	30	95.00
8	Osmanabad Municipal Council	A	111825	60	0	-	T2 - 1 T3 - 1	40	70.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
9	Udgir Municipal Council	A	114220	26	26	Composting	T1 - 1 T2 - 2 T3 - 1	100	100.00
10	Ahmedpur Municipal Council	B	43936	13	9	Composting	T2 - 1	95	100.00
11	Ambejogai Municipal Council	B	73975	17	14	Composting, Vermi composting	T3 - 2	100	100.00
12	Deglur Municipal Council	B	54493	11	10	Composting	T2 - 4 T3 - 1 T4 - 12	100	100.00
13	Gangakhed Municipal Council	B	49891	15	15	Composting, Vermi composting		100	100.00
14	Jintur Municipal Council	B	44291	12	11	Composting	T2 - 1 T4 - 11	90	100.00
15	Kannada Municipal Council	B	40759	5	3	Composting	T2 - 3 T4 - 11	100	100.00
16	Majalgaon Municipal Council	B	49453	14	0	-	T2 - 3 T4 - 9	90	100.00
17	Paithan Municipal Council	B	41536	6	5.0	Composting	T2 - 4 T4 - 9	100	100.00
18	Parli Vajjinath Municipal Council	B	90975	33	30	Composting, Vermi composting	T1 - 2 T2 - 6 T4 - 1	90	100.00
19	Sailu Municipal Council	B	46915	14	11.51	Composting	T1 - 1 T2 - 1	80	100.00
20	Sillod Municipal Council	B	58230	9	8	Composting	T2 - 2 T3 - 1	95	100.00
21	Vaijapur Municipal Council	B	48000	4.5	4.5	Composting	T2 - 1 T3 - 1 T4 - 13	100	100.00
22	Ambad Municipal Council	C	32550	6	5	Composting, Vermi composting	T2 - 2 T4 - 10	100	100.00
23	Ausa Municipal Council	C	36118	11	10	Composting	T2 - 2 T4 - 10	100	100.00
24	Basmat Municipal Council	C	80000	28	3.5	Composting	T2 - 4 T4 - 14	90	99.50
25	Bhokar Municipal Council	C	32899	8	7	Composting	T2 - 2	90	87.50
26	Bhokardhan Municipal Council	C	30000	5.5	5	Composting	T3 - 1 T4 - 5	80	100.00
27	Bhoom Municipal Council	C	22077	5	3.5	Composting	T2 - 2 T4 - 8	75	100.00
28	Biloli Municipal Council	C	14923	4	2	Composting	T2 - 2	80	100.00
29	Dharmabad Municipal Council	C	38000	10	7	Composting, Vermi composting	T2 - 02 T4 - 7	80	100.00
30	dharur municipal council	C	20417	5	2.6	Composting	T2 - 2 T4 - 4	80	125.00
31	Gangapur Municipal Council	C	33620	3.02	3	Composting	T2 - 2	100	100.00
32	Georai Municipal Council	C	38012	6	6	Composting	T2 - 1	95	100.00
33	Hadgaon Municipal Council	C	27433	7	2	Vermi composting	T2 - 2	90	100.00
34	Kalamb Municipal Council	C	30527	7	6.5	Composting	T2 - 1	100	100.00
35	Kalamnuri M. Council	C	24784	8	6	Composting	T4 - 8	98	100.00

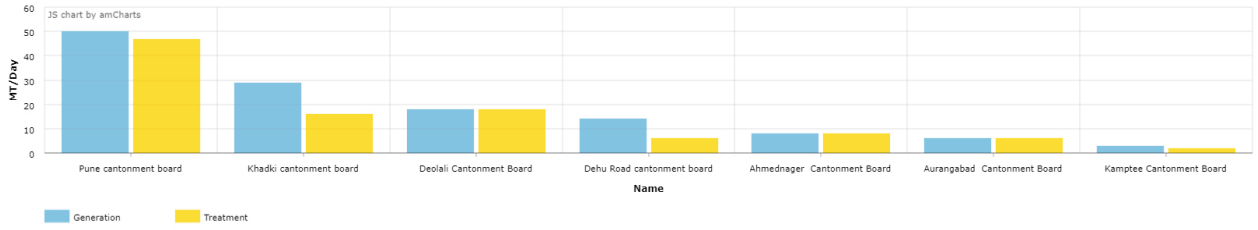
Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
36	Kandhar Municipal Council	C	24843	6	4	Vermi composting		90	100.00
37	Khuldabad Municipal Council	C	18000	3	2.75	Composting	T2 - 1	95	100.00
38	Kinwat Municipal Council	C	28454	8	6	Composting, Vermi composting	T2 - 3	80	100.00
39	Kundalwadi Municipal Council	C	14760	5	3.6	Composting	T2 - 2 T4 - 3	90	96.00
40	Loha Municipal Council	C	24125	8	8	Composting	T2 - 02 T3 - 1	80	100.00
41	Manwath Municipal Council	C	32488	9	8.99	Composting	T2 - 2 T4 - 9	100	100.00
42	Mudkhed Municipal Council	C	23517	4	3	Composting	T2 - 1 T4 - 4	100	100.00
43	Mukhed Municipal Council	C	27650	7	5	Composting	T2 - 4 T4 - 8	90	100.00
44	Murum Municipal Council	C	18371	3	2	Vermi composting	T2 - 1 T4 - 4	0	100.00
45	Naldurg Municipal Council	C	18341	4	2.1	Composting		100	100.00
46	Nilanga Municipal Council	C	36172	7.50	7.5	Composting	T2 - 2	55	100.00
47	Omerga Municipal Council	C	54600	13	7	Vermi composting	T1 - 1 T2 - 2 T4 - 5	100	100.00
48	Paranda Municipal Council	C	18758	5	4.5	Composting		80	100.00
49	Partur Municipal Council	C	35883	9	7	Composting	T2 - 2	80	100.00
50	Pathri Municipal Council	C	36853	10	8	Composting	T2 - 1 T4 - 7	80	100.00
51	Purna Municipal Council	C	39282	12	2	Vermi composting	T2 - 01	80	100.00
52	Sonpeth Municipal Council	C	15765	6	6	Composting	T2 - 2 T4 - 3	85	100.00
53	Tuljapur Municipal Council	C	35403	12	10	Composting	T2 - 1	100	100.00
54	Umri Municipal Council	C	13501	3	1	Composting, Vermi composting		45	100.00
55	Naigaon Nagarpanchayat	NP	16912	4	3	Composting	T2 - 1	0	100.00
56	Ardhapur Nagar Panchayat	NP	26029	10	3	Composting	T2 - 2	20	100.00
57	Ashti Nagar Panchayat (Beed)	NP	12146	4	2	Composting	T2 - 2 T4 - 4	100	50.00
58	Aundha Nagnath Nagar Panchayat	NP	16012	5	4	Composting	T2 - 1	100	100.00
59	Badnapur Nagar Panchayat	NP	11869	4.1	4.1	Vermi composting	T2 - 00 T4 - 4	100	100.00
60	Chakur Nagar Panchayat	NP	19244	5	0	-	T2 - 2	100	100.00
61	Deoni Nagar Panchayat	NP	12899	4	0	Composting	T2 - 1 T4 - 2	90	50.00
62	Ghansawangi Nagar Panchayat	NP	7524	2	1	Composting	T1 - 1 T2 - 1	60	50.00
63	Himayatnagar Nagar Panchayat	NP	20285	6	5	Composting	T2 - 2	100	100.00
64	Jalkot Nagar Panchayat	NP	9356	3	2	Vermi composting	T2 - 1 T4 - 2	80	100.00

Sr. No.	Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
65	Japharabad Nagar Panchayat	NP	15910	3	2.8	Composting	T2 - 1	20	0.00
66	Keji Nagar Panchayat	NP	30704	8	5	Composting	T2 - 2	50	87.50
67	Lohara Bu Nagar Panchayat	NP	12350	4	4	Composting	T2 - 1 T3 - 1 T4 - 6	95	100.00
68	Mahur Nagar Panchayat	NP	11164	4	2	Vermi composting	T2 - 1 T4 - 6	100	100.00
69	Mantha Nagar Panchayat	NP	26504	4.8	2.89	Composting	T4 - 6	100	100.00
70	Palam Nagar Panchayat	NP	18643	5.0	3.0	Composting, Vermi composting	T2 - 1	90	100.00
71	Patoda Nagar Panchayat	NP	16569	3.2	3	Composting	T2 - 1	100	100.00
72	Phulambri Nagar Panchayat	NP	17192	3	2.993	Composting	T2 - 1	92	100.00
73	Renapur Nagar Panchayat	NP	19277	5	0	-	T2 - 2 T4 - 6	40	100.00
74	Sengaon Nagar Panchayat	NP	9016	2.5	2.5	Composting	T2 - 1	90	100.00
75	Shirur Anantpal Nagar Panchayat	NP	11798	4	3	Composting		100	100.00
76	Shirur Kasar Nagar Panchayat	NP	5806	2	0.2	Composting	T1 - 00 T4 - 3	2	100.00
77	Soigaon Nagar Panchayat	NP	9500	2	0	-	T2 - 1 T4 - 4	100	100.00
78	Wadwani Nagar Panchayat	NP	15000	3	0	-		100	0.00
79	Washi Nagar Panchayat	NP	17147	4	1	Composting	T2 - 2 T4 - 4	0	100.00

CANTONMENT BOARDS

Name of ULB	Class	Population	MSW Generation MT/Day	MSW Treated MT/Day	MSW Processing Facility	Transport Facility	Segregation %	Transport %
Ahmednager Cantonment Board	CB	28986	8	8	Composting	T4 - 4	70	100.00
Aurangabad Cantonment Board	CB	18051	6	6	Composting	T4 - 2	70	100.00
Dehu Road cantonment board	CB	55500	14	6	Composting	T2 - 06 T3 - 2	100	100.00
Deolali Cantonment Board	CB	59474	18.01	18.01	Composting	T4 - 11	90	100.00
Kamptee Cantonment Board	CB	12457	3	2	Composting, Vermi composting	T4 - 4	80	100.00
Khadki cantonment board	CB	70399	29	16	Vermi composting	T3 - 2 T4 - 6	100	100.00
Pune cantonment board	CB	71781	50	47	Composting	T3 - 3 T4 - 7	80	100.00
Total			128.01	103.01				

Solid Waste Generation and Treatment By Cantonment Boards



Annexure-III

MAHARASHTRA POLLUTION CONTROL BOARD

A SUMMARY STATEMENT ON PROGRESS MADE BY LOCAL BODY IN RESPECT OF IMPLEMENTATION OF SCHEDULE-II

Maharashtra is one of the urbanized states in the country. The state is having total 396 Nos. of Local Bodies. ULBs installed 378 composting plants as a waste processing facility. Also 89 vermin-composting facilities are installed, 47 bio-methanization plants are installed, 01 waste to Energy plant and 18 RDF plant installed. The 382 landfill sites are identified and 45 sites under construction phase. The Bio-medical waste and industrial hazardous waste generated in the area of local bodies is not mixed with MSW and such waste is disposed off separately in accordance with provisions made under BMW Management Rules, 2016 and Hazardous and Other Wastes (Management and Trans Boundary Movement) Rules, 2016. For the disposal of Hazardous waste, 4 no. of common Hazardous waste treatment & disposal facility have been developed in the State. For the disposal of the Bio-medical waste, 36 number of Common Bio-medical waste treatment facilities have been provided.

The main constraint for the effective implementation of MSW Rules & setting up of waste processing facility for local bodies is non-availability of suitable land. Considering the constraint, the Urban Development Department, Govt. of Maharashtra has passed order regarding formation of District level committee in every District under the Chairmanship of District Collector. The main object of district level committee is to identify & select waste processing and landfill sites. The Committee comprises of 11 members of various concerned department. While identifying the suitable location for landfill and waste processing site, a care is taken by the District level committee that the site should be away from habitation clusters, forest, water bodies, monuments, wet lands and places of important cultural, historical and religious aspect including CRZ areas.

Initiative taken/proposed by the MPC Board:

- Board has developed web portal for urban local bodies to monitor daily and monthly data for waste generation, segregation, collection, transportation from administrative ward and its proper treatment. All corporations are submitting the details of waste collected, transported and treated in concern wards. Hence it is resulted in self-certification and self-audited by local bodies.
- Board constantly issuing notices/DO letters/directions to the Municipal Corporations/Councils for implementation of SWM Rules, 2016.
- Hon'ble Chairman, has issued Directions under section 5 of the Environment (Protection) Act, 1986 to all local bodies for implementation of Solid Waste Management Rule, 2016.
- Board has issued environmental compensation notices to 246 and 90 local bodies with respect to solid waste management and legacy waste management respectively.
- Board has initiated the concept of providing financial and technical assistance to Municipal Councils and Nagarpanchayats for setting up Solid Waste Management facility towards abatement and control of pollution.
- Board has prepared Model Tender Document on solid waste management for local bodies and same is hosted on Boards website
- Board has also constituted Technical Advisory Committee for State level for implementation of SWM Rule 2016 in the State of Maharashtra.
- Board has scrutinized of authorizations and the treatment technology prepared by Local Body by MSW Committee. The members of committee are from All India Institute of
Local Self Govt, Ex. Dy. Commissioner of Municipal Corporation of Greater Mumbai & Ex. Sr. Law Officer, MPCB.
- For effective implementation and compliance of these Rules, Board pursued the matter with Principal Secretary, Urban Development Department, GOM requesting them to look personally into the matter for compliance.

Gaps and issues in Implementation:

- Training for the staff in the solid waste management department to improve efficiency and safety standards may be required.
- Quantification of waste data.
- There is lack of personnel operating at the processing facility.
- The current collection and transportation system is not optimized.
- Lack of management skill with Local Bodies
- Non availability of suitable land for handing over to concerned local bodies which are not having their own land.
- Local Community resistance.
- Inadequate finance for management of Solid Waste by Local Bodies
- Selection of proper waste processing technology with respect to quantity of waste generation including waste to energy plants.
- Lack of public awareness/participation.
- Unsegregated Waste at Source.

Suggestions:

- ULBs shall be appoint Environment officer to deal with SWM, C & D waste and other waste management.
- Public awareness and involvement of people in the segregation of waste.
- Provision of adequate financial assistance to ULB for effective implementation of SWM Rules, 2016.
- Suitable technology adaptation to different group of ULB's.
- Form expert group to redefine to site selection criteria considering advance technology and need for decentralize treatment plant.
- May consider of creating authority for selecting, providing and operating the MSW facility by itself or on BOOT basis at each stage.
- Identification of landfill and waste processing sites by State Government and handover to concerned local bodies.
- Research and development on low cost standard models.

PART B

Towns/cities

Total number of towns/cities	: 403
Total number of ULBs	: 396 + 07 Cantonment Boards
Number of class I & class II cities/towns	: Corporations - 27 A Class - 18 B Class - 70 C Class - 149 Nagar Panchayats - 131 Cantonment Boards - 07

Authorization status (names/number) in this year

Number of applications received	: 147
Number of authorizations granted	: 102
Authorizations under scrutiny	: 47
Authorizations Rejected	: 47

SOLID WASTE Generation status

Solid waste generation in the state (TPD)	: 22632.71*
Collected	: 22584.4
Treated	: 15056.10
Scientifically Landfilled	: 1355.36
Dumped	: 6221.25 (Unscientifically Dumping)

* In the Mumbai region, Municipal Corporation of Greater Mumbai has mandated all bulk generator of solid waste i.e. having area greater than 5000 sq. Mtr to provide in-situ treatment of solid waste generated in their premises. This practice is resulted in reduction of waste generation.

Compliance to Schedule I of SW Rules (Number)

Good practices in cities/towns includes IEC, training, public awareness	: 236
House-to-house collection	: 396 ULBs
Segregation at Source	: 90
Storage	: 90
Covered transportation	: 396 ULBs

Processing of SW (Number) : Solid Waste processing facilities setup for ULBs

Composting	
No. of Cities/ULBs	No. of Plant installed
321	372

Vermicomposting	
No. of Cities/ULBs	No. of Plant installed
79	83

Biogas/Bio-methanization	
No. of Cities/ULBs	No. of Plant installed
30	47

RDF/ Palletization	
No. of Cities/ULBs	No. of Plant installed
9	18

Solid Waste processing facilities setup for Cantonment Boards				
No. of Cantonment Boards	Composting	Vermicomposting	Bio-methanation	RDF
7	6	6	0	0

Processing facility operational:

Sl. No.	Composting	Vermi-composting	Biogas	RDF/ Palletization
	378	89	47	18

Processing facility under installation/planned:

Sl. No.	Composting	Vermi composting	Biogas	RDF/ Palletization
---	---	---	----	---

Waste-to-Energy Plants: (Number)

Sl. No.	Plant Location	Status of operation	Power generation (MW)	Remarks
1	Solapur Municipal Corporation	In operation	4 MW	--

Disposal of solid waste (number):

Landfill site identified	: 382
Landfill constructed	: 161
Landfill under construction	: 45
Landfill in operation	: 137
Landfill exhausted	: --
Land filled capped	: 03

Solid Waste Dumpsites (number):

Total number of existing dumpsites	: 96
Dumpsites reclaimed/capped	: 141
Dumpsites converted to sanitary landfill	: --

Monitoring at Waste processing/Landfills sites

Sl. No.	Name of Facilities (Corporation/Councils)	Ambient air	Groundwater	Leachate quality	Compost quality	VOCs
--	--	--	--	--	--	--

Due to covid pandemic situation monitoring at waste processing/landfill sites could not be carried out.

Status of Action Plan prepared by Municipalities

Total number of municipalities: 396

Number of Action Plan submitted to urban development department: 392

---x---END---x---