

सतत विकास लक्ष्य

12 संवहनीय
उपभोग और
उत्पादन
∞

संवहनीय उपभोग और उत्पादन
**Responsible Consumption
& Production**

(सतत उपभोग और उत्पादन पैटर्न सुनिश्चित करना)

नोडल विभाग
पर्यावरण विभाग

Content

Part-1:- *List of Indicators*

Part-2:- *Data Sheet*

Part 3:- *Metadata*

Goal-12

Indicator No.	GIF Alignment	Indicator No. in the MoSPI framework (Exact Match)	Indicator No. in the MoSPI framework (Alignment)	Indicator	Unit	Level (SIF/DIF)	Periodicity	Lead Department	Data source
1	12.3	12.3.1		Foodgrains produced per person	Kg per year per person	State	Annual	Agriculture	Agriculture
2	12.4.2	12.4.2		Hazardous waste generated per capita	MT/ person	State	Annual	Environment	SPCB
3	12.4.2	12.4.2		Proportion of hazardous waste utilized against generated	Percentage	State	Annual	Environment	SPCB
4	12.5	12.5.2		Percentage of wards with 100% source segregation	Percentage	State	Annual	Urban Development	Urban Development
5	12.a.1	12.a.1		Installed renewable energy generating capacity in the state (in watts per capita) (Similar to 7.b.1)	watts per capita	State	Annual	Power	Power
6	12.1	8.4.2		Per capita fossil fuel consumption	Kg per capita	State	Annual	Food and Civil Supplies	Food and Civil Supplies
7	12.5		12.5.3	Plastic waste generated per 1,000 population in Urban	Tonnes per 1,000 population per annum	State	Annual	Environment	SPCB
8	12.5		12.4.2	Percentage of Bio Medical Waste (BMW) treated to total quantity of BMW generated	Percentage	State	Annual	Environment	SPCB
9	12.4		12.4 & 14.1.2	Percentage use of nitrogenous fertilizer out of total N,P,K, (Nitrogen, Phosphorous, Potassium)	Percentage	State	Annual	Agriculture	Agriculture

Part-2:- Data Sheet

Numbers of Indicators in NIF-2019	Numbers of Indicators in NIF-2023	National Value is available	Number of indicators in State	State value is available
17	14	10	09	09

Number of Indicators = 09

Outcome Indicators = 09

Output Indicators = 00

Process Indicators = 00

DATA SHEET						
Sl. No.	Indicator Code	State Indicator Name	Year	State Value	State Target	National Value
1	12.3.1	Foodgrains produced per person				
		<i>Lead Department-Agriculture</i>	2015-16	204.63	292.34	
		<i>Source-Agriculture</i>	2016-17	254.85	260.43	
		<i>Unit-Kg per year per person</i>	2017-18	257.58	257.06	
		NIF - Exact	2018-19	266.26	262.97	176
		Type of indicator- Outcome	2019-20	260.42	273.43	183.1
			2020-21	263.17	278.58	185.4
			2021-22	248.11	275.05	187.8
		2022-23	245.45	270.82		
2	12.4.2	Hazardous waste generated per capita				
		<i>Lead Department-Environment</i>	2015-16	NA		
		<i>Source-SPCB</i>	2016-17	NA		
		<i>Unit-MT/ person</i>	2017-18	1.1		7.19
		NIF - Exact	2018-19	1.1		6.5
		Type of indicator- Outcome	2019-20	1.6		6.54
			2020-21	1.72		6.81
			2021-22	2.38		
		2022-23	NA			
3	12.4.2	Proportion of hazardous waste utilized against generated				
		<i>Lead Department-Environment</i>	2015-16	NA		
		<i>Source-SPCB</i>	2016-17	NA		
		<i>Unit-Percentage</i>	2017-18	0.7		0.51
		NIF - Exact	2018-19	0.62		0.56
		Type of indicator- Outcome	2019-20	1.23		0.6
			2020-21	0.41		0.61
			2021-22	0.74		
		2022-23	NA			
4	12.4.2	Percentage of Bio Medical Waste (BMW) treated to total quantity of BMW generated				
		<i>Lead Department-Environment</i>	2015-16	95.51	100	
		<i>Source-SPCB</i>	2016-17	96.72	100	
		<i>Unit-Percentage</i>	2017-18	97.81	100	
		NIF - Aligned	2018-19	100	100	
		Type of indicator- Outcome	2019-20	100	100	
			2020-21	100	100	
			2021-22	100	100	
		2022-23	NA	NA		
5	12.5.2	Percentage of wards with 100% source segregation				
		<i>Lead Department-Urban Development</i>	2016	NA		
		<i>Source-Urban Development</i>	2017	NA		
		<i>Unit-Percentage</i>	2018	NA		
		NIF - Exact	2019	NA		
		Type of indicator- Outcome	2020	NA		
			2021	74		79
			2022	92		89
		2023	91		89	
6	12.5.3	Plastic waste generated per 1,000 population in Urban				
		<i>Lead Department-Environment</i>	2015-16	NA		
		<i>Source-SPCB</i>	2016-17	3.38		
		<i>Unit-Tonnes per 1,000 population per annum</i>	2017-18	3.38		
		NIF - Aligned	2018-19	5.65		

		Type of indicator- Outcome	2019-20	3.58		
			2020-21	8.35		
			2021-22	8.35		
			2022-23	NA		
7	12.a.1	Installed renewable energy generating capacity in the state (in watts per capita) (Similar to 7.b.1)				
		<i>Lead Department-Power</i>	2014-15	18.58		63.25
		<i>Source-Power</i>	2015-16	19.54		69.07
		<i>Unit-watts per capita</i>	2016-17	24.91		78.28
		NIF - Exact	2017-18	27.1		87.01
		Type of indicator- Outcome	2018-19	27.64		92.64
			2019-20	28.65		98.86
			2020-21	31.1		103.64
			2021-22	33.18		114.29
			2022-23	33.99		124.38
8	8.4.2	Per capita fossil fuel consumption	MoSPI-NIF:- 8.4.2: Per capita fossil fuel consumption- Per capita consumption of petroleumproducts			
		<i>Lead Department-Food and Civil Supplies</i>	2015-16	75.2		136.9
		<i>Source-Food and Civil Supplies</i>	2016-17	79.8		141.5
		<i>Unit-Kg per capita</i>	2017-18	84.6		149.7
		NIF - Exact	2018-19	91.1		157.3
		Type of indicator- Outcome	2019-20	92.2		157.5
			2020-21	90.6		142.7
			2021-22	81.4		148.0
			2022-23	83.2		161.6
9	12.4 & 14.1.2	Percentage use of nitrogenous fertilizer out of total N,P,K, (Nitrogen, Phosphorous, Potassium)	MoSPI-NIF:- 14.1.2: Percentage use of nitrogenous fertilizer to total fertilizer (N, P & K)			
		<i>Lead Department-Agriculture</i>	2015-16	69.27		64.94
		<i>Source-Agriculture</i>	2016-17	67.82		64.49
		<i>Unit-Percentage</i>	2017-18	69.27		63.77
		NIF - Aligned	2018-19	73.72		64.39
		Type of indicator- Outcome	2019-20	72.3	72.17	65.04
			2020-21	70.42	70.50	62.71
			2021-22	72.46	70.00	65.24
			2022-23	74.44	70.00	

Part 3:- Metadata

Annexure 1: METADATA

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.3 By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses
Indicator	Foodgrains produced per person
Unit	Kg per year per person
Periodicity	Annual
Lead Department	Agriculture
Data Source	Agriculture
Computation approach	Numerator: Total foodgrains produced in reference year (in Kg) Denominator: Mid-year population during the reference year
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment
Indicator	Hazardous waste generated per capita
Unit	MT/ person
Periodicity	Annual
Lead Department	Environment
Data Source	SPCB
Computation approach	Hazardous waste generated per capita: Numerator: Total hazardous waste generated in MT during the reference year Denominator: Mid-year population during the reference year Multiplier: Nil
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment
Indicator	Proportion of hazardous waste utilized against generated
Unit	Percentage
Periodicity	Annual
Lead Department	Environment
Data Source	SPCB
Computation approach	Numerator: Total hazardous waste utilized (recycled/co-processed) in MT during the reference year Denominator: Mid-year population during the reference year Multiplier: Nil
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
------	---

Target	12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
Indicator	Percentage of wards with 100% source segregation
Unit	Percentage
Periodicity	Annual
Lead Department	Urban Development
Data Source	Urban Development
Computation approach	Numerator: Total number of wards with 100% source segregation Denominator: Total number of wards Multiplier: 100
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.a Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production
Indicator	Installed renewable energy generating capacity in the state (in watts per capita)
Unit	watts per capita
Periodicity	Annual
Lead Department	Power
Data Source	Power
Computation approach	Numerator: Installed electricity generation capacity in renewable energy Denominator: Mid-Year Projected Population
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.2 By 2030, achieve the sustainable management and efficient use of natural resources
Indicator	Per capita fossil fuel consumption
Unit	Kg per capita
Periodicity	Annual
Lead Department	Food and Civil Supplies
Data Source	Food and Civil Supplies
Computation approach	Numerator: Total fossil fuel consumption during reference year Denominator: Mid-year population during reference year
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
Indicator	Plastic waste generated per 1,000 population in Urban
Unit	Tonnes per 1,000 population per annum
Periodicity	Annual
Lead Department	Environment
Data Source	SPCB
Computation approach	Numerator: Estimated plastic waste generation in the reference year Denominator: Mid-year urban population during reference year Multiplier: 1000
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse
Indicator	Percentage of Bio Medical Waste(BMW) treated to total quantity of BMW generated
Unit	Percentage
Periodicity	Annual
Lead Department	Environment
Data Source	SPCB
Computation approach	Numerator: Quantity of BMW treated and disposed (kg/day)Denominator: Total quantity of BMW generated (kg/day)Multiplier: 100
Type of indicator	Outcome

Goal	Goal 12. Ensure sustainable consumption and production patterns
Target	12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment
Indicator	Percentage use of nitrogenous fertilizer out of total N,P,K, (Nitrogen, Phosphorous, Potassium)
Unit	Percentage
Periodicity	Annual
Lead Department	Agriculture
Data Source	Agriculture
Computation approach	Numerator: Consumption of Nitrogenous fertilizer during the reference year Denominator: Consumption of total fertilizer (N, P & K) during the reference year Multiplier: 100
Type of indicator	Outcome